



GOA UNIVERSITY



XXXVII

ANNUAL REPORT

2021-22

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GOA UNIVERSITY
TALEIGAO PLATEAU
GOA 403 206



XXXVII ANNUAL REPORT
(June 2021 –May 2022)

CHANCELLORS

Shri Bhagat Singh Koshyari (Additional charge)

(19 August 2020 – 14 July 2021)

Shri P. S. Sreedharan Pillai

(15 July 2021- incumbent)

VICE-CHANCELLORS

Prof. Varun Sahni

Prof. Harilal B. Menon

(3 September 2021 – incumbent)

REGISTRAR

Prof. Radhika S. Nayak

(Officiating)

Prof. Vishnu S. Nadkarni

(November 2021 – incumbent)

Executive Summary of the Annual Report 2021-2022

The Annual Report June 2021- May 2022 is split into an introduction section followed by 6 parts.

Part 1 lists the University Authorities and Bodies, including the Executive Council, the University Court, the Academic Council, the Planning Board, the Finance Commission, in addition to the Deans of Faculties, the Officers of the University and the details pertaining to meetings of University Authorities and Bodies.

Part 2 includes the details of the University Schools, Departments, Centres and various Programmes offered. The Schools/Faculties covered include the Faculties of Languages and Literature, Social Sciences, Life Sciences and Environment, School of Sanskrit Philosophy and Indic Studies (SSPIS), School of International and Area Studies, Manohar Parrikar School of Law, Governance and Public Policy, School of Physical and Applied Sciences (SPAS), School of Chemical Sciences (SCS), Goa Business School, School of Earth, Ocean and Atmospheric Sciences (SEOAS) and the Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP).

Part 3 comprises of various Directorates constituted by Goa University, viz. the Directorates of Research Development & Resources Mobilization (DRDRM), Extra Mural Studies and Extension Services (DEMS & ES), Digital Learning & Initiatives (DDLI), Visiting Chair Research Professors Programme (VRPP), All India Survey on Higher Education, Students Welfare and Cultural Affairs (DSW), Internships, Incubation and Industry Partnership (DIIP), Student Placement and Alumni Relations (DSPAR), International Cooperation and Exchange (DICE), Rashtriya Uchattar Shiksha Abhiyaan (DRUSA), Foreign Students (DFS), Internal Quality Assurance (DIQA), Unnat Bharat Abhiyaan (DUBA) and Equal Opportunities (DEO).

Part 4 consists of the Facilities and Innovative Programmes involving Computer Centre, Library, Sports, UGC Human Resource Development Centre, Hostels, Health Centre, Estate Management, Workstation for Microdata from Census, University Science and Instrumentation Centre, Remote Sensing Laboratory, Day Care Centre, Guest Houses and Study India Programme

Part 5 is about the Affiliated Colleges and Recognized Institutions (General Education Colleges, Professional Colleges and Recognized Institutions).

Part 6 gives the list of Ph.D. Awardees.

Contents

INTRODUCTION	1
PART 1	2
UNIVERSITY AUTHORITIES AND BODIES	2
1.1 MEMBERS OF THE EXECUTIVE COUNCIL	3
1.2 MEMBERS OF THE UNIVERSITY COURT	4
1.3 MEMBERS OF THE ACADEMIC COUNCIL	6
1.4 MEMBERS OF THE PLANNING BOARD	8
1.5 MEMBERS OF THE FINANCE COMMITTEE	9
1.6 DEANS OF FACULTIES/SCHOOLS	9
1.7 OFFICERS OF THE UNIVERSITY	10
1.8 MEETINGS OF UNIVERSITY AUTHORITIES AND BODIES	12
PART 2	14
UNIVERSITY SCHOOLS/DEPARTMENT CENTRES / PROGRAMMES	14
2.1 FACULTY OF LANGUAGES AND LITERATURE	15
Department of English	15
Department of Hindi	17
Department of Konkani	19
Department of Marathi	25
Department of French and Francophone Studies	27
Department of Portuguese and Lusophone Studies	30
2.2 FACULTY OF SOCIAL SCIENCES	33
Department of Sociology	34
Department of History	36
Department of Political Science	37
Department of Library and Information Science	41
2.3 SCHOOL OF SANSKRIT, PHILOSOPHY AND INDIC STUDIES (SSPIS)	43
2.4 SCHOOL OF INTERNATIONAL AND AREA STUDIES (SIAS)	46
2.5 MANOHAR PARRIKAR SCHOOL OF LAW, GOVERNANCE & PUBLIC POLICY	49
2.6 FACULTY OF LIFE SCIENCES & ENVIRONMENT	56
Department of Botany	57
Department of Zoology	60
Department of Biotechnology	63
Department of Microbiology	67
2.7 SCHOOL OF PHYSICAL AND APPLIED SCIENCES (SPAS)	74
2.8 SCHOOL OF CHEMICAL SCIENCES (SCS)	83
2.9 GOA BUSINESS SCHOOL (GBS)	92
Management Studies	92
Economics	95

Financial Services.....	97
Hospitality Travel and Tourism.....	99
Commerce.....	100
Computer Science and Technology.....	101
2.10 SCHOOL OF EARTH, OCEAN AND ATMOSPHERIC SCIENCES (SEOAS).....	104
Programme of Marine Sciences.....	104
Programme of Applied Geology.....	105
Programme of Marine Microbiology.....	105
2.11 CENTRE FOR THE STUDY OF SOCIAL EXCLUSION & INCLUSIVE POLICY	
(CSSEIP).....	111
PART 3	112
DIRECTORATES	112
3.1 DIRECTORATE OF RESEARCH DEVELOPMENT & RESOURCES MOBILISATION	
(DRDRM).....	113
3.2 DIRECTORATE OF EXTRA MURAL STUDIES AND EXTENSION SERVICES (DEMS &	
ES).....	114
3.3 DIRECTORATE OF DIGITAL LEARNING & INITIATIVES (DDLI).....	114
3.4 DIRECTORATE OF VISITING CHAIR RESEARCH PROFESSORS PROGRAMME	
(DVRPP).....	116
3.5 DIRECTORATE OF ALL INDIA SURVEY ON HIGHER EDUCATION (DAISHE).....	119
3.6 DIRECTORATE OF STUDENT'S WELFARE AND CULTURAL AFFAIRS (DSW).....	120
3.7 DIRECTORATE OF INTERNSHIPS, INCUBATION AND INDUSTRY PARTNERSHIP	
(DIIP).....	121
3.8 DIRECTORATE OF STUDENTS PLACEMENT AND ALUMNI RELATIONS (DSPAR)	123
3.9 DIRECTORATE OF INTERNATIONAL COOPERATION AND EXCHANGE (DICE)....	124
3.10 DIRECTORATE OF RASHTRIYA UCHATTAR SHIKSHA ABHIYAAN (DRUSA).....	124
3.11 DIRECTORATE OF FOREIGN STUDENTS (DFS).....	126
3.12 DIRECTORATE OF INTERNAL QUALITY ASSURANCE (DIQA).....	127
3.13 DIRECTORATE OF UNNAT BHARAT ABHIYAAN (DUBA).....	129
3.14 DIRECTORATE OF EQUAL OPPORTUNITIES (DEO).....	134
PART 4.....	136
FACILITIES AND INNOVATIVE PROGRAMMES.....	136
4.1 COMPUTER CENTRE.....	137
4.2 LIBRARY.....	137
4.3 SPORTS ACTIVITIES.....	139
4.4 U.G.C. HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC).....	140
4.5 HOSTEL ACTIVITIES.....	142
4.6 HEALTH CENTRE.....	143
4.7 ESTATE MANAGEMENT.....	144
4.8 WORKSTATION FOR MICRODATA FROM CENSUS.....	147
4.9 UNIVERSITY SCIENCE AND INSTRUMENTATION CENTRE (USIC).....	148

4.10 REMOTE SENSING LABORATORY	149
4.11 DAY CARE CENTRE	149
4.12 GUEST HOUSE.....	150
4.13 STUDY INDIA PROGRAMME (SIP)	150
PART 5	151
AFFILIATED COLLEGES & RECOGNISED INSTITUTIONS.....	151
5A. GENERAL EDUCATION COLLEGES/INSTITUTIONS	155
5A.1 DCT's Dhempe College of Arts and Science, Miramar, Panaji	155
5A.2 CES's Parvatibai Chowgule College of Arts and Science, Margao.....	162
5A.3 St. Xavier's College of Arts, Science and Commerce, Mapusa.....	171
5A.4 Carmel College of Arts, Science and Commerce for Women, Nuvem Goa.....	174
5A.5 DCT's S. S. Dempo College of Commerce & Economics, Cujira, Bambolim.....	183
5A.6 M. E. S.'s Vasanti Joshi College of Arts & Commerce, Zuarinagar	186
5A.7 V V M's Shree Damodar College of Commerce & Economics, Margao	189
5A.8 Dnyanprassarak Mandal's College & Research Centre, Assagao	192
5A.9 Goa Vidyaprasarak Mandal's Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda	197
5A.10 P.E.S.'s Ravi S. Naik College of Arts & Science, Farmagudi, Ponda.....	199
5A.11 Cuncolim Educational Society's College of Arts and Commerce, Cuncolim	204
5A.12 Government College of Arts, Science and Commerce, Sanquelim	207
5A.13 Government College of Arts, Science and Commerce, Quepem.....	211
5A.14 Government College of Arts, Science & Commerce, Khandola, Marcela	214
5A.15 Rosary College of Commerce & Arts, Navelim, Salcete.....	243
5A.16 Fr. Agnel College of Arts & Commerce, Pilar – Goa.....	246
5A.17 Saraswat Education Society's Sridora Caculo College of Commerce and Management Studies, Mapusa	248
5A.18 DPM's Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona	251
5A.19 Government College of Arts and Commerce, Virnoda, Pernem	256
5A.20 Narayan Zantye College of Commerce, Bicholim.....	259
5A.21 Government College of Commerce and Economics, Borda, Margao.....	261
5A.22 Mandre College of Commerce, Economics and Management, Pernem	263
5A.23 Sateri Pisani Education Society's Shri. Gopal Gaonkar Memorial Goa Multi-Faculty College Dharbandora	265
5A.24 Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda	268
5A.25 St. Joseph Vaz College, Cortalim	270
5A.26 Swami Brahamand Mahavidyalaya, Tapobhoomi Kundaim Goa.....	271
5B. PROFESSIONAL COLLEGES / INSTITUTIONS.....	274
5B.27 Goa College of Pharmacy, Panaji	274
5B.28 Nirmala Institute of Education, Altinho, Panaji – Goa	279

5B.29 Goa College of Engineering, Farmagudi Ponda.....	281
5B.30 Goa College of Art, Altinho, Panaji.....	287
5B.31 V. M. Salgaocar College of Law, Miramar Panaji- Goa.....	288
5B.32 National Institute of Hydrography, Vasco-da-Gama	291
5B.33 V. V. M's Govind Ramnath Kare College of Law, Margao	292
5B.34 Goa Dental College and Hospital, Bambolim.....	295
5B.35 Goa College of Music, Altinho, Panaji	297
5B.36 Goa College of Home Science, Campal, Panaji.....	299
5B.37 Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda	304
5B.38 Goa Vidyaprasarak Mandal's Dr. Dada Vaidya College of Education, Ponda.....	308
5B.39 Institute of Nursing Education, Bambolim	311
5B.40 Padre Conceicao College of Engineering, Verna, Goa	313
5B.41 Shivgram Education Society's Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda.....	317
5B.42 GSS's Don Bosco College, Panaji	319
5B.43 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda	322
5B.44 P. E. S. College of Education, Farmagudi, Ponda.....	324
5B.45 P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda	326
5B.46 Vrundavan Institute of Nursing Education, Colvale	329
5B.47 Don Bosco College of Engineering, Fatorda, Margao	330
5B.48 Goa College of Hospitality and Culinary Education, Cidade de Goa, Vainginim.....	334
5B.49 Agnel Institute of Technology and Design, Assagao, Bardez.....	335
5B.50 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim	337
5B.51 Sai Nursing Institute, Sankhali.....	340
5B.52 V. M. Salgaocar Institute of International Hospitality Education.....	341
5B.53 Don Bosco College of Agriculture Sulcorna Quepem Goa	343
5B.54 Harmal Panchakroshi Shikshan Mandal's Ganpat Parsekar College of Education Harmal- Goa.....	344
5B.55 Ramanata Crisna Pai Raikar School of Agriculture, Savoi-Verem.....	347
5B.56 Kala Academy Goa's College of Theatre Arts, Campal, Panaji	348
5B.57 Dnyanvardhini Divyang Training College, Murmugao	352
5B.58 Kamaxi College of Culinary Arts, Verna.....	353
5B.59 J. D. Institute of Fashion Technology, Panaji	354
5B.60 Goa Medical College, Bambolim.....	356
5B.61 Institute of Psychiatry and Human Behaviour, Bambolim.....	381
5B.62 Goa College of Architecture, Altinho, Panaji Goa.....	383
5C. RECOGNISED INSTITUTIONS.....	386

5C.63 CSIR-National Institute of Oceanography, Dona Paula.....	386
5C.64 Xavier Centre of Historical Research, Alto Porvorim	386
5C.65 Fisheries Survey of India, Government of India, Mormugao	386
5C.66 ICMR-National Institute of Malaria Research, Field Unit, Campal, Panaji	387
5C.67 Thomas Stephens Konknni Kendr, Porvorim	387
5C.68 Directorate of Archives & Archaeology, Panaji	387
5C.69 Earth System Science Organisation-National Centre for Polar & Ocean Research, Headland Sada, Vasco-da-Gama.....	387
PART 6	391
Ph.D. AWARDEES.....	391

INTRODUCTION

Goa University has maintained a trajectory of steady and sustained growth since its inception in 1985. The Goa University's growth has been stupendous in terms of its infrastructure, Schools, Departments, new courses and programmes, the number of affiliated colleges and recognized institutions. The National Institutional Ranking Framework (NIRF), of MHRD, has ranked Goa University as the 68th ranking institution at all India level in 2018.

The Annual Report of the University portrays the wide spectrum of various academic and co-curricular activities at the University and its affiliated Colleges. The Editorial Committee has candidly tried to capture the vibrant academic environment that exists in the University Campus highlighting the research projects, research publications, participation in international seminars and workshops, special achievements including awards and honours. The notable contributions made by the faculty members and some of the achievements of the students are also included in the pages that follow. The Annual Report also provides highlights of the activities in the affiliated Institutions. We hope that the **Annual Report 2021-22** presents successfully the academic culture of Goa University and its affiliated colleges to its readers.

We thank our Vice-Chancellor **Prof. Harilal B. Menon** for his constant support and encouragement in bringing out this report. We are thankful to the Deans of the Schools, Heads of the Departments, Centres of the University and Principals of affiliated Colleges for providing the committee with the information included in this report. The Committee would also like to thank Mrs. Rima Mayekar, Library assistant (Contract staff) and Mrs. Akshaya Potnis for compiling and page setting the entire Annual Report. The Committee thanks all those who have contributed directly or indirectly in preparing and publishing this Annual Report.

The Committee constituted by the Vice-Chancellor to finalise the Annual Report (June 2021-May 2022):

Dr. Sandesh B. Dessai, Chairperson
Dr. Digamber G. Porob, Member
Ms. Poorwa Naik, Member
Shri Shashikant Morajkar, Member
Shri Sanket Gaude, Member
Shri Nandkishor K. Bandekar, Member Secretary

Dr. Sandesh B Dessai
Chairperson
Annual Report 2021-2022

PART 1

UNIVERSITY AUTHORITIES AND BODIES

1.1 MEMBERS OF THE EXECUTIVE COUNCIL

Chairperson

- Prof. Varun Sahni, Vice-Chancellor (Ex-Officio) (in effect till 18/08/2021)
- Prof. Malapathi K. Janarthanam, Officiating Vice-Chancellor (Ex-Officio) (In effect from 19/08/2021 to 02/09/2021)
- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio) (w.e.f. 03/09/2021 till date)

Nominees of the Chancellor

- Shri Arjun Chowgule, Executive Director, Chief Financial Officer, Chowgule and Company Private Ltd., Mormugao Harbour, Goa.
- Shri Ratnakar Ganesh Lele, Retd. Principal of Mushtifund Higher Secondary School, A-3, Greenland Colony, Campal, Panaji, Goa.
- Shri Seshadri Chari, D-2203, Royal Embassy, Vidyaratna Nagar, Endpoint Road, Manipal-576104.
- Dr. Sudhir Singh, Department of the Political Science, Dyal Singh College, University of New Delhi, Lodhi Road, New Delhi-110003.
- Prof. (Dr.) Gopal Singh Nayal, Lower Mall Road, Khatyari, Post 7 District Almora, Uttarakhand-263601.

Nominees of the State Government

- Shri Shrinivas Vasudeva Sinai Dempo, Dempo House, Campal, Panaji-Goa.
- Shri Sudin Nayak, President of Samaj Seva Samiti, R/o Comba, Margao-Goa 403601.
- Dr. Ajit Parulekar, Director, Goa Institute of Management, Poriem, Sattari, Goa 403505.
- Shri Rajendra Arlekar, President of Vadem Nagar ShikshanSeva Mandal, New-Vaddem Goa 403802.

Ex-officio Members

- The Secretary (Education), Government of Goa, Secretariat, Porvorim, Goa.
- The Secretary (Finance), Government of Goa, Secretariat, Porvorim, Goa.

Nominees of the Vice-Chancellor

- Prof. H. B. Menon, Dean, School of Earth, Ocean & Atmospheric Sciences, Goa University.
- Prof. V. S. Nadkarni, Dean, School of Chemical Sciences, Goa University.
- Prof. K. R. S. Priolkar, Dean, School of Physical & Applied Sciences, Goa University.
- Prof. R. G. Wiseman Pinto, Dean, Faculty of Medicine, Goa Medical College.
- Prof. Ramrao S. Wagh, Dean, Faculty of Performing, Fine Art & Music, Kala Academy's College of Theatre Arts.

- Dr. Neena S. P. Panandikar, Principal, Don Bosco College of Engineering, Fatorda, Margao – 403602.
- Prof. S. G. Tilve, School of Chemical Sciences, Goa University.
- Prof. Malapati K. Janarthanam, Department of Botany, Goa University.
- Prof. Jyoti D. Pawar, Goa Business School, Goa University.

Member Secretary (Ex-officio)

- Prof. Radhika S. Nayak, Officiating Registrar, Goa University (Ex-officio) (In effect till 29/10/2021)
- Shri M. Shreedhara, Officiating Registrar, Goa University (Ex-officio) (In effect from 30/10/2021 to 11/11/2021)
- Prof. V. S. Nadkarni, Registrar, Goa University (Ex-officio) (w.e.f. 12/11/2021 till date)

1.2 MEMBERS OF THE UNIVERSITY COURT

Chairperson

- Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)(in effect till 18/08/2021)
- Prof. Malapathi K. Janarthanam, Officiating Vice-Chancellor(Ex-Officio)(In effect from 19/08/2021 to 02/09/2021)
- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio) (w.e.f. 03/09/2021 till date)

Nominees of the Executive Council

Deans of Faculties

- Prof. Nina Caldeira, Dean, Faculty of Languages & Literature, Goa University.
- Prof. K. Sripad Bhat, Dean, Faculty of Languages & Literature, Goa University.
- Prof. ShailaDesouza, Dean, Manohar Parrikar School of Law, Governance &Public Policy, Goa University.
- Prof. V. S. Nadkarni, Dean, School of Chemical Sciences, Goa University.
- Prof. Vidhyadatta M. ShetVerenkar, Dean, School of Chemical Sciences,Goa University.
- Prof. Saba Da Silva, Dean, Faculty of Law.
- Prof. Vinayak N. Shet, Dean, Faculty of Engineering
- Dr. Gopal Krishna Rao, Dean, Faculty of Pharmacy.

University Professors

- Prof. Usha D. Muraleedharan, Department of Biotechnology, Goa University.
- Prof. S. Krishnan, Department of Botany, Goa University.
- Prof. Vishnu Murty Matta, School of Earth, Ocean and Atmospheric Sciences, Goa University.
- Prof. Purva G. Hegde-Desai, Goa Business School, Goa University.

- Prof. Anuradha Wagle, Department of French & Francophone Studies, Goa University.
- Prof. K. G. Sankaranarayanan, Goa Business School, Goa University.

Principals of Affiliated Colleges

- Dr. Mahesh Pai, Goa College of Home Science, Campal, Panaji.
- Prof. Ramrao Wagh, Kala Academy Goa College of Theatre Arts, Campal, Panaji.
- Dr. Gajanan V. Madiwal, Govt. College of Commerce & Economics, Borda, Margao.
- Dr. Manoj Kamat, DPM's Shree Mallikarjun & Shri Chetan Manju Desai College, Delem, Canacona.
- Dr. Blanche R. C. S. Fernandes e Mascarenhas, St. Xavier's College, Mapusa, Bardez.

Elected Members

- Prof. Anthony Rodrigues, Fr. Agnel College of Arts & Commerce, Pilar, Goa
- Dr. Manoj Ibrampurkar, Dhempe College of Arts & Science, Panaji, Goa
- Prof. (Dr.) Uday N. Kudalkar, Goa Medical College, Bambolim, Goa
- Dr. Daisy John, Goa College of Home Science, Campal, Panaji, Goa
- Dr. Sheetal Arondekar, Shree Damodar College of Commerce & Economics, Margao, Goa
- Dr. Ignatius Fernandes, Rosary College of Commerce and Arts, Navelim, Salcete, Goa
- Dr. Pravina Kerkar, Govt. College of Arts, Science & Commerce, Khandola, Marcela, Goa
- Ms. Ujvala Hanjunker, Vidya Prabodhini College of Commerce, Education, Computer and Management, Vidya Nagar, Alto Porvorim, Goa.
- Dr. R. Nirmala, Goa Business School, Goa University
- Prof. Sunder N. Dhuri, School of Chemical Sciences, Goa University
- Dr. Prakash Parienkar, Department of Konkani, Goa University

Nominees of the Executive Council

- Chairperson, Goa Vidyaprasarak Mandal, Ponda – Goa.
- Chairperson, Fr. Agnel Charity Trust, Verna – Goa

Ex-Officio Members

- Chairperson, Goa University Student's Council, Goa University.
- Chairperson, Post-Graduate Students Union, Goa University.

Nominees of the Chancellor - NIL

Nominees of the State Government - NIL

Representative of Non-Teaching Staff

- Shri Sachin Sambhaji, Assistant Director (Engineering)

Member Secretary (Ex-officio)

- Prof. Radhika S. Nayak, Officiating Registrar, Goa University (Ex-officio) (In effect till 29/10/2021)
- Shri M. Shreedhara, Officiating Registrar, Goa University (Ex-officio) (In effect from 30/10/2021 to 11/11/2021)
- Prof. V. S. Nadkarni, Registrar, Goa University (Ex-officio) (w.e.f. 12/11/2021 till date)

1.3 MEMBERS OF THE ACADEMIC COUNCIL

Chairperson

- Prof. Varun Sahni, Vice-Chancellor (Ex-Officio) (in effect till 18/08/2021)
- Prof. Malapathi K. Janarthanam, Officiating Vice-Chancellor (Ex-Officio) (In effect from 19/08/2021 to 02/09/2021)
- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio) (w.e.f. 03/09/2021 till date)

Deans of Faculties

- Dean, Faculty of Languages & Literature, Goa University
- Dean, Faculty of Performing, Fine Art & Music, Goa University
- Dean, Faculty of Social Sciences, Goa University
- Dean, Faculty of Natural Sciences, Goa University
- Dean, Faculty of Medicine, Goa University
- Dean, Faculty of Engineering, Goa University
- Dean, Faculty of Law, Goa University
- Dean, Faculty of Life Sciences and Environment, Goa University
- Dean, Faculty of Planning, Architecture & Design, Goa University
- Dean, Faculty of Education, Goa University
- Dean, School of Sanskrit & Indic Knowledge Systems, Goa University
- Dean, School of Earth, Ocean & Atmospheric Sciences, Goa University
- Dean, Goa Business School, Goa University
- Dean, School of Chemical Sciences, Goa University

University Professors

- Prof. Ramaballav Roy, Department of Zoology, Goa University.
- Prof. S. Krishnan, Department of Botany, Goa University.
- Prof. Jyoti D. Pawar, Goa Business School, Goa University.
- Prof. R. S. Gad, Department of Electronics, Goa University.

- Prof. Rahul Tripathi, Department of Political Science, Goa University.

Principals of Affiliated Colleges

- Dr. Savio da Piedade Falleiro, Fr. Agnel College of Arts & Commerce, Pilar.
- Dr. Ashish K Rege, Goa College of Architecture, Altinho, Panaji.
- Dr. Shivanand Bandekar, Goa Medical College & Hospital, Bambolim.
- Dr. Sanjay P. Desai, C. E. S's College of Arts & Commerce, Cuncolim, Salcete.
- Cmde. Sajeev K. Nair, National Institute of Hydrography, Vasco-da-Gama.
- Dr. Shaikh Mohammad P. Al-Usmani, Shri Gopal Gaonkar Memorial Multi faculty College, Dharbandora.
- Dr. Joydeep Bhattacharjee, Government College of Arts, Science & Commerce, Quepem, Goa.
- Dr. Blanche R. C. S. Fernandes e Mascarenhas, St. Xavier's College, Mapusa, Bardez.
- Mrs. S. Rajeswari, Vrundavan Institute of Nursing Education, Colvale, Bardez.

University Teachers

- Ms. Yma F. Pinto, Goa Business School, Goa University.
- Dr. Prakash Pariekar, Department of Konkani, Goa University.
- Dr. Joanna Pereira Coelho, Department of Sociology, Goa University.
- Dr. Anjali Choubey, Department of English, Goa University.
- Dr. Nitin S. Sawant, Department of Zoology, Goa University

Representatives of the SC/ST Category

- Ms. Heena Subrai Gaude, Goa Business School, Goa University.

Elected Members

- Dr. Naguesh Colvalkar, V.M. Salgaonkar College of Law, Miramar, Panaji, Goa
- Prof. Anthony Rodrigues, Fr. Agnel College of Arts & Commerce, Pilar, Goa
- Dr. Uday N. Kudalkar, Goa Medical College, Bambolim, Goa
- Dr. Vinod Joshua, S.S. Dempo College of Commerce & Economics, Altinho, Panaji
- Dr. Suraj M. Popker, Cuncolim Educational Society's College of Arts & Commerce, Cuncolim, Goa
- Dr. Cosma Fernandes, MES College of Arts & Commerce, Zuarinagar, Goa
- Dr. Gunaji Sadanand Desai, Panratibai Chowgule College of Arts and Science (Autonomous) , Margao
- Prof. Seema P. Salgaonkar, Govt. College of Arts, Science & Commerce Khandola, Marcela, Goa
- Prof. Fakruddin M. Nadaf, DPM's Shree Mallikarjun & Shri Chetan Manju Desai College, Delem, Canacona.

- Mr. Shekar V. Sawant, S.V.V. M's College of Commerce, Shirshire, Borim, Ponda,Goa
- Dr. (Ms.) Uskaikar Harsha P., P.E.S's R.S.N. College of Arts and Science, Farmagudi, Ponda
- Mr. Ashok Chodankar, Govt. College of Arts, Science & Commerce, Sanquelim, Goa
- Dr. Rajesh Manohar Pednekar, Dnyanprassarak Mandal's College and Research Centre, Assagao, Bardez, Goa
- Prof. Janet Fernandes e De Souza, St. Xavier's College, Mapusa, Goa

Nominees of the Chancellor

- Prof. R. C. Kuhad, Vice-Chancellor, Central University of Haryana, Jant-Pali, Mahendergarh,
- Haryana – 123031.
- Prof. (Dr.) Rajpal Singh, Former Professor and HOD, Maths, Statistics, JVC Campus, CCSU, Meerut (U.P.), R/o. D/9, New Minal Residence, J.K. Road, Bhopal-462023.
- Dr. Radhika S. Nayak, Professor and Principal, DCT's S.S. Dempo College of Commerce & Economics, Cujira, Bambolim, Goa-403202.
- Dr. Bhushan Bhave, Associate Professor & Head, Department of Konkani, P.E.S.' SRSN College of Arts and Science, Farmagudi, Ponda, Goa-403401.
- Dr. Purnanand Chari, Assistant Professor, Department of Konkani, DPM's Shree Mallikarjun & Shri Chetan Manju Desai College, Delem, Canacona, Goa-403702.

Members

- Director, National Institute of Oceanography, Dona Paula, Goa (Ex-officio)
- Chairman, Goa Board of Secondary & Higher Secondary Examination, Porvorim, Goa (Ex-officio)
- Controller of Examinations, Goa University (Ex-officio)
- Librarian, Goa University (Ex-officio)
- Director, Directorate of Internal Quality Assurance, Goa University (Ex-officio)
- President, Goa University Student's Council, Goa University.
- President, Post-Graduate Students Union, Goa University.
- Registrar, Goa University (Ex-officio)

1.4 MEMBERS OF THE PLANNING BOARD

(Nil for the Period from June 2021 to May 2022)

1.5 MEMBERS OF THE FINANCE COMMITTEE

Chairperson

- Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)(in effect till 18/08/2021)
- Prof. Malapathi K. Janarthanam, Officiating Vice-Chancellor (Ex-Officio) (In effect from 19/08/2021 to 02/09/2021)
- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio) (w.e.f. 03/09/2021 till date)

Nominee of the Chancellor

- Shri Hinesh R. Doshi, Chartered Accountant, Hinesh R. Doshi & Co. LLP, Palai Plaza, 3rd Floor, 9,Kohinoor Road, Opp Hotel Pritam, Dadar (East), Mumbai-400014.

Nominees of the Executive Council

- Shri Shrinivas Vasudeva Sinai Dempo, Dempo House, Campal, Panaji-Goa
- CA Ashish Verlekar, Chartered Accountant, Govinda Building, Panaji-Goa 403 001

Members

- Registrar, Goa University (Ex-Officio)
- Secretary (Higher Education), Government of Goa, Secretariat, Porvorim, Goa (Ex-officio)
- Secretary (Finance), Government of Goa, Secretariat, Porvorim, Goa (Ex-officio)
- Dean, Goa Business School, Goa University (Ex-officio)
- Finance Officer, Goa University, Member Secretary (Ex-officio)

1.6 DEANS OF FACULTIES/SCHOOLS

DEANS OF SCHOOLS ON CAMPUS FROM JUNE 2021 TO MAY 2022

Sr. No.	Name of Dean	School	Dean term up to
1.	Prof. Nina Caldeira	Shenoi Goembab School of Languages & Literature	01/10/2018 to 30/09/2021
2.	Prof. K. S. Bhat	Shenoi Goembab School of Languages & Literature	01/10/2021 to 28/02/2023
3.	Prof. Silvia Noronha	D D Kosambi School of Social Sciences & Behavioural Studies	01/01/2019 to 08/03/2021
4.	Prof. Ganesha Somayaji	D D Kosambi School of Social Sciences & Behavioural Studies	09/03/2021 to 26/05/2022 27/05/2022 to 26/05/2025
5.	Senior Prof. P. K. Sharma	School of Biological Sciences & Biotechnology	01/11/2018 to 31/10/2021
6.	Senior Prof. B. F. Rodrigues	School of Biological Sciences & Biotechnology	01/11/2021 to 17/01/2022

7.	Prof. Vijaya Kerkar	School of Biological Sciences & Biotechnology	18/01/2022 to 24/02/2022
8.	Prof. Savita Kerkar	School of Biological Sciences & Biotechnology	25/02/2022 for period of three years or until her superannuation whichever is earlier
9.	Prof. Vrushali Mandrekar	School of Sanskrit, Philosophy & Indic Studies	27/02/2021 to 28/02/2021
10.	Prof. Koshy Tharakan	School of Sanskrit, Philosophy & Indic Studies	29/10/2021 for a period of three years
11.	Senior Prof. H. B. Menon	School of Earth, Ocean & Atmospheric Sciences	11/04/2019 to 05/09/2021
12.	Senior Prof. C.U. Rivonker	School of Earth, Ocean & Atmospheric Sciences	06/09/2021 for a period of three years or until his superannuation
13.	Prof. M. S. Dayanand	Goa Business School	01/10/2020 to 14/07/2022
14.	Senior Prof. V. S. Nadkarni	School of Chemical Sciences	15/04/2019 to 10/11/2021
15.	Prof. Vidhyadatta Verenkar	School of Chemical Sciences	11/11/2021 to 10/11/2021
16.	Prof. Aparajita Gangopadhyay	School of International and Area Studies	08/04/2021 to 07/04/2024
17.	Prof. Shaila Desouza	Manohar Parrikar School of Law, Governance & Public Policy	21/01/2021 to 20/01/2024
18.	Prof. Kaustubh Priolkar	School of Physical & Applied Sciences	15/12/2020 to 14/12/2023

1.7 OFFICERS OF THE UNIVERSITY

Prof. Varun Sahni	Vice-Chancellor (in effect till 18/08/2021)
Prof. Malapathi K. Janarthanam	Officiating Vice-Chancellor (In effect from 19/08/2021 to 02/09/2021)
Prof. Harilal B. Menon	Vice-Chancellor (w.e.f. 03/09/2021 till date)
Prof. Radhika S. Nayak	Officiating Registrar (In effect till 29/10/2021)
Shri M. Shreedhara	Officiating Registrar (In effect from 30/10/2021 to 11/11/2021)
Prof. V. S. Nadkarni	Registrar (w.e.f. 12/11/2021 till date)
Prof. Anuradha Wagle	Controller of Examinations (In effect till 12/10/2022)
Dr. Gopakumar V.	Librarian (In effect till 30/06/2021)

Dr. Sandesh Bhiku Dessai	Librarian (In effect from 15/03/2022)
Shri M. Shreedhara	Joint Registrar
Shri Donald A. E. Rodrigues	Joint Registrar
Shri V. L. Sawkar	University Engineer
Shri Sanjay Bandodkar	Head of Computer Centre
Shri Satyawar L. Talwadkar	Officiating Finance Officer & Deputy Registrar (Finance) on Deputation
Shri Anselmo A.T.H. Rosa	System Analyst
Shri Damodar Manjrekar	System Analyst
Shri Sangam Sadanand Sinai Taulikar	Executive Engineer
Dr. Vikrant P. Malwankar	Assistant Librarian
Shri Nandkishor K. Bandekar	Assistant Librarian
Smt. Bertha T. A. D'Mello e Daniel	Assistant Registrar
Smt. Sandhya S. S. Neurekar	Assistant Registrar
Shri Amey V. Verenkar	Assistant Registrar
Ms. Qubilah D'Souza	Assistant Registrar
Ms. Kirti Kankonkar	Assistant Registrar
Shri Ashwin Vyas Lawande	Assistant Registrar
Smt. Teja Shirodkar	Assistant Registrar
Shri Milind M. Shivolkar	Assistant Registrar
Smt. Anne J. Gonsalves e Carneiro	Assistant Registrar
Smt. Maria Fatima Noronha	Assistant Registrar
Smt. Sunanda U. Sawant	Assistant Registrar
Shri Kunal V. Naik	Assistant Registrar
Shri Sachin K. Sambhaji	Assistant Director (Engineering)
Shri Sachin K. Patil	Assistant Director (Engineering)
Dr. Amavel Pereira	Medical Officer
Shri Abhijit Karpe	Programmer
Shri Madhusudan Lanjewar	Technical Officer - I

University Employees Co-operative Credit Society

- Shri Eknath Sawant – Chairman
- Shri Renato Dias – Vice-Chairman
- Shri Gajanan Lingudkar – Secretary
- Smt. Nayan Naik – Treasurer
- Shri Nanda Gawas – Member
- Shri Gangaram Naik – Member
- Smt. Prarthana Naik – Member
- Shri Gautam Mhapankar – Member
- Shri Dilip Agapurkar – Member

Executive Committee of the Goa University Non-Teaching Employees Association (GUNTEA)

- Shri Nanda Gawas, President
- Shri Renato Dias, Vice-President
- Shri Godwin Afonso, General Secretary
- Shri Paresh Naik, Joint Secretary
- Shri Gajanan Lingudkar, Treasurer
- Smt. Suhana Malik, Member
- Shri Sunil Naik, Member
- Shri Premanand Desai, Member
- Shri Shaikh Usman Ali, Member
- Shri Gautam Mhapankar, Member

Executive Committee of the Association of Officers of Goa University

- Shri Leo V. Macedo, President
- Shri Anselmo A.T.H. Rosa, Vice-President
- Smt. Sandhya S. S. Neurekar, Secretary
- Shri Ashok J. Nagarsenkar, Treasurer
- Shri Donald A. E. Rodrigues, Member
- Dr. Gopakumar V., Member
- Shri Milton L. Fernandes, Member
- Shri Sachin K. Sambhaji, Member

1.8 MEETINGS OF UNIVERSITY AUTHORITIES AND BODIES

Dates of Executive Council Meetings

- 9th August, 2021 – 9th Meeting of the Xth Executive Council
- 11th October, 2021 – 10th Meeting of the Xth Executive Council
- 7th February, 2022 – 11th Meeting of the Xth Executive Council
- 17th March, 2022 – 12th Meeting of the Xth Executive Council
- 19th April, 2022 – 13th Meeting of the Xth Executive Council

Dates of the Academic Council Meetings

- Fifth Meeting of the Xth Academic Council – 30th & 31st July, 2021
- Sixth Meeting of the Xth Academic Council – 17th November, 2021
- Seventh Meeting of the Xth Academic Council – 25th February, 2022
- Eight Meeting of the Xth Academic Council On – 13th May, 2022

Dates of the Standing Committee Meetings of the Academic Council

- Third Meeting of the Standing Committee of the Xth AC – 13th August, 2021
- Fourth Meeting of the Standing Committee of the Xth AC – 9th December, 2021

Dates of Court Meeting

- 19th July, 2021 - Second Meeting of the Tenth Court
- 21st March, 2022 - Third Meeting of the Tenth Court

PART 2

UNIVERSITY SCHOOLS/DEPARTMENT
CENTRES / PROGRAMMES

2.1 FACULTY OF LANGUAGES AND LITERATURE

Faculty of Languages and Literature



Departments and Degrees:

- Department of English (M.A., M.Phil., Ph.D.)
- Department of Hindi (M.A., M.Phil., Ph.D.)
- Department of Konkani (M.A., M.Phil., Ph.D.)
- Department of Marathi (M.A., M.Phil., Ph.D.)
- Department of French and Francophone Studies (M.A., Ph.D.)
- Department of Portuguese and Lusophone Studies (M.A., Ph.D.)

Faculty Board: (Term until: 21 Sept, 2023)

- Dean, Faculty of Languages & Literature Chairperson (Ex-Officio)
- Head, Department of English Member (Ex-Officio)
- Head, Department of Konkani Member (Ex-Officio)
- Head, Department of Marathi Member (Ex-Officio)
- Prof. K. Sripad Bhat Member (Ex-Officio)
- Prof. Anuradha Wagle Member (Ex-Officio)
- Prof. Vrushali S. Mandrekar Member (Ex-Officio)
- Dr. Hanumant Chopdekar Member
- Dr. Irene Conceicao Silveira Member
- Dr. Bipin Bihari Tiwari Member
- Dr. Pedro Manuel Sobral Pombo Member
- Mr. Delfim Correia DaSilva Member

Department of English

Faculty (*Full-time*):

- **K. Sripad Bhat**, *Ph.D.*, Professor and Head– Literary Theory, Critical Theory and Cultural Studies
- **Nina Caldeira**, *Ph.D.*, Professor – Goa Cultural Studies, Post-colonial Literature, Linguistics, American Literature

- **Anjali Chaubey**, *Ph.D.*, Assistant Professor – Indian English Theater, Diaspora Studies, Gender Studies, Translation Studies and Disability Studies
- **Poorwa Naik**, *M. A.*, Assistant Professor – Indian Literatures in English, Translation Studies, Queer Literature in India, Cultural Studies
- **Nafisa Oliveira**, *M.A., LL.M.*, Assistant Professor – Law and Literature, Human Rights, Translation Studies, Goan Writing

Visiting faculty: (Lecture-basis)

1. Siddhesh Raut- Assistant Professor
2. Dr. Layla Mascarenhas- Assistant Professor

Major Thrust Areas:

The major thrust area of the Department is Cultural Studies. The faculty members have researched and published several articles on Cultural Studies.

The Department has been conducting research on a broad range of topics traversing interdisciplinary and multidisciplinary topics like Gender Studies, Postcolonial Studies, Green Cultural Studies, Disability Studies, Tribal Studies and LGBTQIA+ studies.

Seminars, Conferences, Workshops, etc., organized: NIL

Research publications: NIL

Articles in journals: NIL

Articles in conference proceedings: NIL

Book chapters: NIL

Ph.D. s:

Degree Awarded: 01

Submitted: NIL

Students on Roll: 14

Conference Presentations, Lectures:

- Oliveira, N. “Protest in Middle Eastern Pixels: the Centering of Marginalised Voices in Offside and Wadjda”. Two-day International Conference on Contemporary Discourses: Gender, Ecology and Literature of Protest. 20th-21st May 2022. Dnyanprassarak Mandal’s College and Research Centre.

Lectures on other occasions: NIL

Student Activities:

- First lap of Grammatically Yours Workshop on Language and Communication skills in online mode organized for PG students of Goa University from 15/01/2022 on every Saturday as part of Azadi ka Amrit Mahotsav celebration by Department of English

- Celebration of 150th Birth Anniversary of Mahatma Gandhi: Screening of film on Gandhi, poetry-writing competition and lecture on the topic “What Gandhi means to me?” by Prof. K. S. Bhat organized between 29th September 2021 and 04th October 2021
- Organized a Campus-placement drive in collaboration with Fomento Resources Pvt. Ltd. on 18th May 2022 for students of M.A. (Part II) English.

Department of Hindi

Faculty (Full-time):

- **Vrushali S. Mandrekar**, *Ph. D.*, Professor and Head– Short Story, Comparative Literature & Translation.
- **Bipin Bihari Tiwari**, *Ph.D.*, Assistant Professor– Hindi Story, Hindi Criticism
- **Sweta Prasad Govekar**, *M.A.*, Assistant Professor– Media & Journalism, Hindi Novels
- **Mamata Deepak Verlekar**, *M.A.*, Assistant Professor– Hindi Poetry, Drama, Literary Criticism
- **Deepak Prabhakar Varak**, *M.A.*, Assistant Professor- Drama, Translation, History of Hindi literature, Modern Poetry.
- **Manisha Chimano Gaude**, *M.A.* Assistant Professor–Hindi Story, Literature: Thought and Philosophy; History of Hindi Literature: Aadikal, Bhaktikal and Ritikal, Modern Poetry
- **Aditya Dayanand Sinai Bhangui**, *M.A.*, Assistant Professor– Linguistics, Hindi Grammar, Translation, Indian Poetics, Media & Journalism

Projects: NIL

Visiting Scholars:

Name of the scholar	Institution	Title of Lecture	Date
Prof. Vijay Bahadur Singh	Retired Professor	Samkalin Bharat Aur Premchand	31.07.2021

Lectures delivered by the faculty at other institutions/organisations:

Name of the scholar	Institution	Title of Lecture	Date
Ms. Sweta Govekar	National Institute of Technology Goa	Aaj ke Vartaman yug mein Hindi Bhasha ka Mahatav	14.09.2021
	Ganpat Parsekar College of Education	GU-ART Pariksha ke Purva Tayari	22.04.2022

Ms. Mamata Verlekar	St. Xavier's College Mapusa Goa	Aks Paheli Mein Stree	19.06.2021
	Bank of Baroda, Panjim Zonal office Goa	Hindi as an official Language	14.09.2021
	Department of Women's Studies, Goa University	Gender, Media & Films	30.03.2022
	Government college of Arts & Science Quepem (Dept of Hindi)	Aks Pahel: Natak Ka Vishleshan	09.05.2022
Mr. Deepak Varak	Government college of Arts & Science Quepem	Pratiyogita Pariksha : Purva Tayari	02.05.2022
Ms. Manisha Gaude	Directorate of Lighthouse & Lightships, Goa	Kararyalayi Hindi	31.12.2021
	Ganpat Parsekar College of Education	Apka Banti Upanyas	09.04.2022
Mr. Aditya Bhangui	Sant Sohriobanath Ambye, Government College of Arts, Science & Commerce, Pernem	Sthaniya, Rashtiya evam Antarrashtriya star par hindi ke liye Rozgaar ke Awasar	19.07.2021
	Government college of Arts & Science Quepem	Prakalp Karya Madhe Sanganakache Vapar	23.10.2021
	Carmel college of Arts Science & Commerce for Women	Maanak Hindi Vartani	28.05.2022

Seminars, Conferences, Workshops etc. organized:

Programme	Date
<ul style="list-style-type: none"> Azadi Ka Amrit Mahotsav Aur Hindi Sahitya (National Webinar) (Online) Resource persons are as follows: <ol style="list-style-type: none"> Prof. Shriram Parihar, (Hindi writer) Khandava Madhya Pradesh Prof. Suryaprakash Dikshit, Lucknow Uttar Pradesh Prof. Padmapriya, Pondicherry University, Pondicherry Prof. Punarchand Tandon, Delhi University, Delhi 	25.02.2022
<ul style="list-style-type: none"> Sanskritik paryatan Sambhavanayein Aur Chunnotiyaan (Sahitya Kala Aur Sanskruti Ke Sandarbh Mein) International Seminar in collaboration with Kendriya Hindi Sansthan Agra & Vasuda Sahityaki Canada. <ol style="list-style-type: none"> Prof. Mohan Lal Chippa Vice Chancellor Atal Bihari Vajpai Hindi Vishwavidyalaya Bhopal Prof. Kapildev Mishra, Rani Durgavati Vishwavidyalaya Jabalpur 	29 & 30 December 2021

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| 3. Prof. Arjun Chavan, Shivaji University Kolhapur Maharashtra | |
| 4. Dr. Sandeep Awasthi. | |

Research Publications:

*Articles in journals (*Impact Factor/ Cite Score Journals)*

- Mr. Deepak Varak: Nagfani: Jis Lahore nahi Dekhiya Vo Jamiyai Nahi Natak Mein Abhivyakta Hindu Muslim Ekta (UGC Care Listed Journal) pp. 39-41 ISSN-2321-1504 nagafani RNI number UTTHIN/2010/34408 volume 39 oct-dec 2021.
- Mr. Deepak Varak: Samsamahyik Srujan, Samkalin Manviya Bhayavata Aur 'Ek Kantha Vishpayi' ka Sandarbh (UGC Care Listed Journal): pp. 634-636 ISSN-2320-5733 volume 23 oct- dec 2021.

Book Chapter:

- Prof. Vrushali Mandrekar: Bharat Ki Pramukh Bhashayein Samkalin Pravutiyan: Konkani Bhasha Andolan evam Sahitik Vikas pp. 208

Books:

- Ms. Mamata Verlekar: Dhag, First Edition 2021, ISBN-978-93-5578-349-3

Ph. Ds:

Degrees Awarded: 03

- Mr. Sundaram Sharma
- Ms. Archana Sharma
- Ms. Magdalene D'souza

Submitted: 01

- Ms. Vipra Rawool

Students on roll: 01

- Ms. Manisha Gaude

Department of Konkani

Faculty (Full-time):

- **Hanumant C. Chopdekar**, *Ph.D.* Associate Professor and Head - Literary Criticism, Konkani Language Movement, Indian and Western Poetics, Sociolinguistics Study.
- **Prakash S. Parienkar**, *Ph.D.*, Associate Professor - Sociological Study of Literature, Research Methodology, Special Study of Konkani Novels, Short Film Productions.
- **Kripali Naik**, *M.A.*, Assistant Professor - Feminist Literature, Indian Literature, Bahujan Literature.
- **Naresh C. Naik**, *M.A.*, Assistant Professor- Creative writing, Grammin Sahitya, Old

Konkani Language and Literature, Konkani Language Movement.

- **Rama Murkunde**, M.A., Assistant Professor - Linguistics (CPGRI, Pune) - Linguistics, Translation Studies, Feminism, Western Poetics and Sociolinguistics.
- **Soniya S. Gadkar**, M.A., Assistant Professor - Konkani Folk Drama: Folklore, Study of Konkani Essays, Tiatr, Criticism, Media Study.
- **Sanika A. Gaonkar**, M.A., Assistant Professor- Folk Literature, Short stories, Environmental Thoughts in Literature, Grameen Literature, Modern Konkani Poetry.

Investigator	Status	Topic	Sponsor	(Rs. in Lakhs)
Dr. Hanumant C. Chopdekar	Ongoing	Monograph of sahitya Academy award winning writer Pandurang Bhangi	Goa Konkani Academy	25,000/-

Ongoing Projects

Seminars, Conferences, Workshops, etc., organized:

Sr. No.	Programme	Date	Major Sponsors
01	Parienkar, Prakash. Chief Co-Ordinator 'Konkani Vichar vedika-2' organised by Konkani Dept. Goa University Resource persons: Jayant Kaikini, Jayprad Dessai, Dr. Rahaman Abbas, Dr. Sadanand Bhosle, K. P Ramanunni, Hema Naik	3 rd August to 20 th August 2021	Goa University
02	Naik, Kripali. Coordinator of Two days National seminar entitled 'Bhartiya Sahityatle Swar ani Pravah' organized by Konkani Department of Goa University at conference Hall, Goa University Resource persons: K Sachidanandan, Dr Bhushan Bhave, Prof Tejaswi Kattimani Dharwar, Dr. Hanumant Chopdekar, Anita Bharti, Hariram Mina, Dr. Ashwini Dhogde Dr. Purnanand Chari	23 rd and 24 th September 2021	Goa University
03	Chopdekar, Hanumant. Coordinator of One day State level Symposium 'Uccha Shikshanaant Konkanicem Adhyaapan' organized by the Department of Konkani, Goa University	14 th March 2022	Goa University
04	Chopdekar, Hanumant. Co-Convener of National Conference entitled 'Akshar Mahabaleshwar' Jointly organized by Directorate of Higher Education, Sant Sohirobanath Ambiye College of Arts and Commerce and Department of Konkani Goa	28 th and 29 th April 2022	Directorate of Higher Education, Govt. of Goa, Porvorim

	University at Virnoda Pednem. Resource Persons: Dr. Bhushan Bhawe. Dr. Nandakumar Kamat, Dr. Purnanand Chari, Dr. Jayanti Naik, Dr. Prakash Parienkar, Dr. Prachi Joshi, Dr. Arvind Shanbhag, Mr. Ibrahim Afghan, Ms. Rajashree Sail, Ms. Anju Sakhardande		
05	Naik, Naresh. Coordinator of State Level Seminar entitled 'Pundalik Naik Hanchem Kathanaatmak ani Natyaatmak Sahitya' Konkani Department, Goa University at conference Hall, Goa University Resource persons: Pundalik Naik, Prakash D. Naik, Devidas Kadam, Dr. Arvind Haldankar, Dr. Prakash Parienkar, Kamlakar Mhalashi, Dr. Pandurang Phaladesai, Dr. Purnanand Chari.	15 th March 2022	Goa University

Ph.Ds:

Degree Awarded: NIL

Conference Presentations, Lectures, etc.:

- **Chopdekar, Hanumant.** Presented a Research paper 'Konkani Bhas : Mulaavan ani Vikaas' at a National Seminar entitled 'Konkani Bhas ani Bolyo' organized by the Department of Konkani, Sant Sohironanath Ambiyee College of Arts and Commerce, Virnoda Pednem. On 04/03/22.
- Worked as a Resource Person in the one day Symposium on 'Konkani Shudhalekhanachem Nem' organized by Goa Konkani Academy, Panjim Goa on 14/02/22
- **Parienkar, Prakash.** Presented the paper on the topic "Pundalik Naik Hanchya kathentli Samaajjinechi Aanga" in a One-day seminar was organized by the Department of Konkani, Goa University on the title theme 'Pundalik Naik Hanchem Kathanaatmak ani Natyaatmak Sahitya' on 15th March 2022.
- Presented the paper titled "Mahabaleshwar Sail Haanchya Kadambaryantlo Varg Sangharsh" at 'Akshar Mahabaleshwar' A two-day National Seminar organized on the contribution of Konkani writer Shri Mahabaleshwar Sail, organized at Sant Sohironanath Ambiyee College of Arts and Commerce, Virnoda Pernem Goa on 28th & 29th April 2022.
- Invited as a Guest-speaker to interact with students and the staff about the idea, Views and the experiences about the book title *Mhadei: Kallzantlyan Kkagdar...* at Surashri Kesarbai Kerkar High School, Keri Ponda Goa on 29th Feb. 2022.
- Invited as a Chairperson for the one day State Level Seminar on the topic "Konkani Bhas ani Bolyo" organized by the Department of Konkani, Sant Sohironanath Ambiyee, Government College of Arts & Commerce, Virnoda Pernem Goa on 4th March 2022.
- Invited as a speaker to deliver Key Note address at '21st Yuva Konkani Sahitya Sammelan' organized by Goa Konkani Akadem Panaji Goa in collaboration with Vidya Prabodhini College, Porvorim Goa on 27th March 2022.
- **Naik, Krupali.** Participated as a discussant at a National Seminar entitled 'Konkani Bhas ani Bolyo' organized by the Department of Konkani, Sant Sohironanath Ambiyee

College of Arts and Commerce, Virnoda Pernem on 04/03/2022

- **Murkunde, Rama.** Presented a paper titled 'Annkar: Vyakhya, Swaroop ani Sankalpana' on 4th December, 2021 at one day State Level Seminar/workshop on 'Annkar : Tantra ani Phishalkayo' organized by Department of Konkani, St. Xavier's College, Mapusa in collaboration with Konkani Bhasha Mandal, Margao, Goa

Seminars and workshops attended:

- **Chopdekar, Hanumant.** Attended one day symposium titled 'Uccha Shikshanaant Konkanicem Adhyaapan' Organized by Discipline of Konkani, Sheno Gembab School of Languages and Literature, Goa University, on 14th March 2022.
- Attended Seminar on 'Bhartiya Sahityatle Swar ani Pravah' on 23rd and 24th September 2021 at Goa University.
- **Parienkar, Prakash.** Attended one day symposium titled 'Uccha Shikshanaant Konkanicem Adhyaapan' Organized by Discipline of Konkani, Sheno Gembab School of Languages and Literature, Goa University, on 14th March 2022.
- Attended three-day Translation workshop dated 11th, 12th & 13th April 2022 organized by National Book Trust, India, Ministry of Education, Government of India, New Delhi to translate Children's book in to Konkani Language at The International Centre Goa (ICG) Donapula Goa.
- **Naik, Krupali.** Attended Seminar on 'Mahabaleshwar Sail Hanchyeya Sahityik yogdan' National Seminar on 28th and 29th April 2022 at Sant Sohriobanath Ambiye College of Arts and Commerce, Virnoda, Pernem.
- Attended a Seminar on 'Pundalik Naik Hanchem Kathanaatmak Ani Natyaatmak Sahitya Ek Paricharcha' by Konkani Discipline on 15th March 2022 at Goa University.
- Attended a Symposium on 'Ucch Shikshanat Konkanicem Adhyapan: Ek Paricharcha' by Department of Konkani, Goa University, on 14th March 2022 at Goa University.
- **Naik, Naresh.** Attended Seminar on Mahabaleshwar Sail Hanchyeya Sahityik yogdan National Seminar on 28th and 29th April 2022 at Sant Sohriobanath Ambiye Government College of Arts and Commerce, Virnoda, Pernem,
- Attended Seminar on Bhartiya Sahityatle Swar ani Pravah on 23rd and 24th September 2021 at Goa University
- Attended a Workshop on 'Mahitipat Nirmitti' organised by Konkani Discipline on 8th & 9th November 2021 at Goa University.
- Attended a Symposium on 'Ucch Shikshanat Konkanicem Adhyapan: Ek Paricharcha' by Konkani Discipline on 14th March 2022 at Goa University.
- **Murkunde, Rama.** Attended a workshop in online mode on 'Marathi Shodhnibandlekhan' on 1st February, 2022 organised by Department of Marathi of Sant Sohriobanath Ambiye Government College of Arts and Commerce, Virnoda, Pernem, Goa in collaboration with Goa Marathi Akademi, Goa.
- UGC: Faculty induction program organized by HRDC, Goa University from 2nd August 2021 to 6th September 2021.
- **Gadkar, Soniya.** Attended a Seminar on 'Bharatiy Sahityatle Swar ani Pravah' organised by Konkani Discipline on 23rd and 24th September 2021 at Goa University.
- Attended a Workshop on 'Mahitipat Nirmitti' organised by Konkani Discipline on 8th & 9th November 2021 at Goa University.
- Attended a Symposium on 'Ucch Shikshanat Konkanicem Adhyapan: Ek Paricharcha'

- by Konkani Discipline on 14th March 2022 at Goa University.
- Attended a Workshop on 'Mahitipat Nirmiti' by Konkani Discipline on 9th to 10th March 2022 at Goa University.
 - Attended a Seminar on 'Pundalik Naik Hanche Kathanatmak Ani Natyatmak Sahitya Ek Paricharcha' by Konkani Discipline on 15th March 2022 at Goa University.
 - Attended a Seminar on 'Mahabaleshwar Sail Hanchyeya Sahityik Yogdanacher Adarit Rashtriy Parisanvad' by Government College of Pernem in collaboration with Konkani Department, Goa University on 28th & 29th April 2022 at Government College of Pernem.
 - **Gaonkar, Sanika.** Attended 'Internationalisation of Higher Education at Goa University organised by RISHII Project Team, Goa University & Directorate of International Cooperation and Exchange (DICE) on 17th September 2021.
 - Attended Seminar on 'Bhartiya Sahityatle Swar ani Pravah' on 23rd and 24th September 2021 at Goa University.
 - Attended Seminar on 'Tribes: Learning and Unlearning Tribal Culture; Organised by Janki Devi Memorial College (University Of Delhi) And Mahatma Gandhi Govt. College (Pondicherry University on 9th -10th, December 2021).

Research papers published:

- **Chopdekar, Hanumant.** 'Saraswati Sanmaan Praapt 'Haavthan' Kaadambaritlo Samaajmaanans ani Mithakaa' paper published in Latitude Annual Research Journal, Volume: 9, Issue: I, Special Issue, April, 2022.
- **Parienkar, Prakash.** 'Mahabaleshwar Sail hanchyeya jivan anbhava aani Kathnatmak sahitya Nirmiti paper published in Latitude Annual Research Journal, Volume: 9, Issue: I, Special Issue, April, 2022
- **Murkunde, Rama.** 'Haavthan' ani 'The Kiln': English Annkarachya Sandarbhat paricharcha' paper published in 'Latitude' Annual Research Journal, Volume: 9, Issue: I, Special Issue, April, 2022 published by Government College of Arts, Science and Commerce, Sanquelim Goa.

Book Chapters:

- **Parienkar, Prakash.** Konkani Novel '*PURAN*' published by Bimb Prakashan, Dharma Laxmi, Sant. Lawrence, Agassaim Tiswadi Goa. May 2022.
- **Chopdekar, Hanumant.** Konkani Book 'Molaavni: Saahitya Samiksha ani Bhasheek Saushodhana sandarbhat 15 prapatraanchi Gaathan' (Coll of Research Articles in Konkani), published by Bhumi Prakashan, Sankhalim Goa. March 2022

Honors:

1. Felicitated as a Sahitya Akademi awardees at the hands of Honorable Vice President of India Shri M. Venkaiah Naidu at Raj Bhavan (Durbar Hall) Dona Paula. Goa on 7th January 2022.
2. Konkani short story "**The Sacrifice**" (pg. 182-191) has been published in an anthology *The Greatest Goan Stories Ever Told* which is selected edited by Manohar Shetty & published by Aleph Book Company, 161 B/4, Gulmohar Center, Yusuf Sarai Community Centre, New Delhi- 100 049.

3. The Story titled **UDAK** (pg. 43-48) has been translated into Malyalam language and published on **MATHRUBHUMI** special issue August 2021, Published by The Mathrubhumi Printing & Publishing Company Limited, The Mathrubhumi M. M. Press, Cherooty Road, Kozikode – 673 001
4. The Konkani short story book **VARSA** has been selected by the well publisher Kuvempu Bhasha Bharathi Pradhikara, Kalagrama, Mallathahalli, Jnanabharathi Post, Bengaluru- 560056, which is translated by Dr. Geetha Shenoy from Bengaluru Karnataka.
5. Award winning book titled **IGADI BIGADI TIGADI THA** Children’s drama has been selected by the Sahitya Akademi, New Delhi to translate the same into Hindi Language.
6. Felicitated at the hands of Chief Minister of Goa Dr. Pramod Sawant for the achievement of **Kaajaro** as the **best Regional Language (Konkani) Film** by 67th National Film Awards, Directorate of Film Festivals, an organization under the Ministry of Information and Broadcasting, New Delhi. The function was held at 32nd Konkani National Conference on 14th& 15th May 2022, organized by All India Konkani Parishad at Malvan Maharashtra.

Student Activities:

- Organised and celebrated **World Environment Day** on 5th June, 2021 along with SBSI students for the entire department. (Includes Poetry recitation and Screening of Videos created by students to protect environment.)
- Organised and celebrated **Birth anniversary of Shenvoy Goembab** on 23rd June, 2021.
- Organised and celebrated **Bakibab Borkar Jayanti** on 30th November, 2021. Chief Guest was Assistant Professor Mr. Vinay Bapat from Marathi Department, Goa University.
- Organised an Online talk on ‘**Konkani Challwall ani Rajbhas Din: Ek Paricharcha**’ by eminent scholar and HoD of Department of Konkani, Goa University Dr. Hanumant Chopdekar on 4th February, 2022.
- Published a Wall Paper ‘**Antarman**’: different Wall Papers were prepared and inaugurated The publication of the paper encourages the students to get their creativity on the paper in the form poetry, stories, articles and other write ups.
- Organised a Guest Lecture on ‘**Bhashechya Vidhyarthya Khatir Vivid Malancher Rojgarachyo Sandi**’ in collaboration with Regional Employment Exchange, Goa Government for the students of Shenvoy Goembab School of Language and Literature delivered by Dr. Bhushan Bhave on 28th March 2022 at Seminar Hall Block-B, Goa University.
- Organised a Field Trip-cum-Meet the Author Event entitled ‘**Lokved Bhovandi**’ and a Guest Lecture on ‘Venchik Konkani Lokkanchyo Abhyas’ delivered by Shri. Kamlakar Mhalshi at Shreesthal Canacona, Goa on 3rd March 2022.
- Organised a **Campus Interview Drive** in Journalism Sector in collaboration with Fomento Media Groups on 27th April 2022 at Shenvoy Goembab Computer Lab, Department of Konkani, Goa University.

Faculty (Full-time):

- **Sunita S. Umraskar, Ph.D.**, Associate Professor and Head – Linguistics, Medieval Marathi Literature and Modern form of Literature
- **Dr. Vinay Madgaonkar, M.A. Ph.D**, Assistant Professor – Medieval Marathi Literature, Marathi Drama, Professional Marathi, Culture Study, Goan Marathi Literature.
- **Chinmay Madhu Ghaisas, M.A.**, Assistant Professor - Translation Studies & Comparative Literature, Creative Writing, Professional Marathi & Grammar, Journalism & Mass Media, Marathi Drama, Science fiction in Marathi.
- **Bapat Vinayak Alias Vinay Laxman, M.A.**, Assistant Professor- Literary Criticism Ancient Marathi Literature, Marathi Novels
- **Purva Pandit Vasta, M.A.**, Assistant Professor- Translation Studies, Comparative Literature, Modern Marathi Literature.

Major Thrust Areas and Achievements:

Thrust Areas: The thrust areas of the Department include Grammar and Linguistics, Theory of Literature and Translation Studies, Medieval Literature, Christian Marathi Tradition of the 17th Century in Goa, Modern forms of Literature, Marathi Literature in Goa, Dalit Literature and Folk Literature, so also Science Fiction in Marathi.

Projects: NIL

Visiting Scholars: NIL

Seminars, Conferences, Workshops etc. organized:

Programme	Date
National Webinar on ‘मराठी साहित्याचे प्रकारांतर आणि माध्यमांतर’	25 th February 2022,
National Webinar on मराठी कथा वाङ्मयातील बदलते प्रवाह	03 rd March 2022
National Webinar on परदेशी भाषांतील साहित्याचे मराठी भाषांतर	04 th March 2022
Guest Lecturee By Prof Pandit Vidya Sagar on science Fiction in Marathi	09 th November 2021

Research Publications:

*Articles in journals (*Impact Factor/ Cite Score Journals)*

- Madgaonkar, V. (2021). शिवछत्रपतींचा शर्तनामा: पोर्तुगीज- मराठी भाषेतील ऐतिहासिक दस्तऐवज, अक्षरगाथा (UGC Care list)

- Madgaonkar, V. (2021). भाषांतर : व्यावसायिक क्षेत्रानुसार रोजगारसंधी, पंचधारा (अनुवाद विशेषांक) (UGC Care list)
- Madgaonkar, V. (2021). राजा शिवछत्रपतीनिर्मित सप्तकोटेश्वर मंदिरातील शिलालेख. मराठी संशोधन पत्रिका (UGC Care list)
 - Back To Village (Translation of Konkani Essay translated to Marathi into Portuguese), Revista da Casa de Goa, November 2021.
 - ‘संगीत जयद्रथ विडंबन - एक आकलन’, अक्षर वाङ्मय त्रैमासिक, वर्ष बारावे, अंक दुसरा, ऑक्टोबर-नोव्हेंबर-डिसेंबर 2021
 - ‘ललितेतर साहित्याचे भाषांतर’, पंचधारा त्रैमासिक, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६४, अंक तिसरा, ऑक्टोबर-नोव्हेंबर-डिसेंबर २०२१
 - लुगट (कविता, कोकणी-मराठी भाषांतर), पंचधारा त्रैमासिक, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६४, अंक तिसरा, ऑक्टोबर-नोव्हेंबर-डिसेंबर २०२१
 - शल्य (कथा, कोकणी-मराठी भाषांतर), पंचधारा त्रैमासिक, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६४, अंक तिसरा, ऑक्टोबर-नोव्हेंबर-डिसेंबर २०२१
 - गळाहार (फ्रेंच कथेचे मराठी भाषांतर), केल्याने भाषांतर त्रैमासिक, कलासक्त (पुणे), जानेवारी-फेब्रुवारी-मार्च २०२२
 - पालशेतची विहीर : स्त्री वेदनेचा हुंकार, महाराष्ट्र साहित्य पत्रिका त्रैमासिक, महाराष्ट्र साहित्य परिषद, पुणे, अंक ३७७, जानेवारी-फेब्रुवारी-मार्च २०२२
- Vasta, P (2021) २१ ने शतक आणि भाषांतर. पंचधारा—
- कोंकणी मराठी भाषांतर एक दृष्टिक्षेप. पंचधारा - ऑक्टोबर ते डिसेंबर २०२१

Book Chapters

- (Edited) तिसऱ्या सहस्राकारांभी भारतीय नाट्य आणि नाटककार, प्रकाशक: संत सोहिरोबानाथ अंबिये अध्यासन, (VRPP) गोवा विद्यापीठ, गोवा. ISBN 978-93-5493-269-4
 - मराठीतील विज्ञानसाहित्य आणि बदलत्या सामाजिक जाणिवा, मराठी विज्ञानसाहित्य, संपादक - डॉ. संजय शिंदे, प्रशांत प्रकाशन, पुणे, २०२२, ISBN-978-93-89493-95-5
 - नव्वदोत्तरी मराठी कवितेतील आ. य. पवार यांची विज्ञान कविता, आ. य. पवार यांच्या निसर्ग व विज्ञान कविता (राष्ट्रीय चर्चासत्र), संपादक – प्रा. डॉ. जयदेवी पवार, सहसंपादक – प्रा. डॉ. दुष्यंत कटारे, २०२२, ISBN-978-81-931335-1-4
 - नव्वदोत्तर मराठी ग्रामीण कादंबरी - डॉ. केशव फाळे गौरवग्रंथ नव्वदोत्तर गोमंतकीय ग्रामीण कादंबरी
- Madgaonkar, V. (2021). ज्ञानयोगी. स्वच्छंद प्रकाशन, कोल्हापूर.

Books: NIL

Ph. Ds.:

Degree Awarded: 03

Submitted: 0

Students on Roll: 04

Department of French and Francophone Studies

Faculty (Full-time):

- **Anuradha Wagle**, Ph.D., Professor and Head (on lien) - Translation, Linguistics, Teaching Methodology, Culture Studies
- **Irene Silveira**, Ph.D., Assistant Professor - French and Francophone Literature, Culture Studies, Diaspora Studies, Sociolinguistics, Didactics of French as foreign language
- **Natasha Maria Gomes**, M.A. French, M.A. English, Assistant Professor – French Language Teaching Methodology, Development of TLMs and Culture Studies
- **Kshama D. Dharwadkar**, Assistant Professor - Translation, Linguistics, Phonetics, Mythology

Faculty (Contractual):

- **Shourya Dalvi**, Assistant Professor - Literature, Mythology, Culture studies
- **Anthony Gomes**, Assistant Professor - French phonetics, Francophone studies, French culture, Linguistics, French Literature

Major Thrust Areas and Achievements:

Thrust Areas:

French and Francophone Literature, Translation Studies, Linguistics, Teaching Methodology, Cultural Studies, Diaspora studies, Mythology, Socio-linguistics

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Organized webinars titled Iconic objects - intercultural perspectives / L'objet emblématique - perspectives interculturelles. Resource person: Dr. Ajey Balaji Vemulapadu and Webinar organised by Natasha Gomes	4 th and 16 th October 2021	Goa University
<i>Marguerite Duras and the New Novel: A case study of Moderato Cantabile</i> . By Dr Ena Panda, Delhi University.	03 rd November 2021 to 01 st December 2021.	Goa University
<i>Visite de l'Espace Quebec</i> . Guided visit and interactive activities at the <i>Espace Quebec</i> by Dr. Irene Silveira and Ms. Natasha Gomes.	28 th March 2022.	Goa University
Francophonie Celebrations 2022 - Lecture series by Prof. Jose Domingues de Almeida, University of Porto. <i>Littérature – Monde et le sud; Post mémoire</i>	29 th March 2022, 30 March 2022, 31 st March 2022; 2 nd April	Goa University

<i>littéraire; Soft power francophone; La culture française à la portée globale.</i>	2022.	
French for oral business communication. By Exalta De Araujo, Alliance Française Panjim.	27 th September 2021, 11 th October 2021, 18 th October 2021, 1 st November 2021.	Goa University
<i>Music-based activities to improve French oral communication.</i> By Dr. Jaivardhan Singh Rathore, Assistant Professor, Amity University, Rajasthan.	09 th October 2021	Goa University
Organized a series of webinar on “ <i>French Thriller Tales from the XIX century</i> ”	September 2021	Goa University

Achievements:

- Exceptional French Language Teacher Award (EFLTA 2021) by the Embassy of France in India awarded to Natasha Maria Gomes, Assistant Professor, Discipline of French

Research Publications:

Articles in journals:

- Gomes N., and Wagle A.(2021) Juger un manuel scolaire à son titre: une analyse linguistique des titres de manuels de français publiés en Inde. *Caraivéti* Vol. V Issue 1, July-Dec 2021; 87-101. ISSN : 2456-9690
- Silveira, I.; Gomes, A. *Illusions, Déceptions et Scènes de ruse dans Aya de Yopougon I*. *Caraivéti*. Vol V Issue 2; January- June 2022. ISSN : 2456-9690.
- गळहार. Kelyané Bhashantar, Kalasakta, Pune, January-March 2022.
- अनुवादाद्वारेआंतर-सांस्कृतिक देवाण - घेवाण:प्र. के. अत्रेलिखित बुवातेथेबाया- एकअभ्यास. Panchadhara-Anuvadvishéshank, Year-64, Volume III, October to December 2021
- Mythe, histoire et politique dans Le Grand Roman Indien de Shashi Tharoor. *Caraivéti-Demarche de sagesse. Volume V, Issue 2 January-June 2022 ISSN-2456-9690 UGC CARE listed*
- Paper titled “ मोलिएरच्या ‘लावार’ आणि ‘मेदसांमालग्रेलुई’ यांच्या कोंकणी भाशांतरांचे विश्लेषण”, Panchadhara-Anuvadvishéshank, Year-64, Volume III, 71-77, October to December 2021

Conference proceedings:

- Gomes N. and Deshmukh A. (2021) The Goan Pão: A Cultural Identity. Nat. Conf. Culture for All conference on Cultural Mapping. 28-29 Sept. 2021.
- A critical study of Molière's L'avare and its Marathi and Konkani translations. *Current problems of translation and translation studies in Russian and South Asian languages. ISBN: 978-5-7281-3043-7*

Ph.Ds:

Degree Awarded: Nil

Submitted: NIL

Students on Roll: 06

Conference Presentations, Lectures :

- **Gomes N.** (2021) collaboratively creating contextualised content for foreign languages: Experiences from teachers in Goa, India. Int. Conf. 2021 Creative Commons Global Summit. 20-24 Sept. 2021
- **Gomes N.** (2021) Co-creation of OERs for Foreign Languages Acquisition: A Case Study on Goa, India. Int. Conf. Open Education Conference. 18th -22th Oct. 2021
- **Silveira, I.** Resource person- *Refresher Course: Development of learner-centric MOOCs using 4 quadrants.* UGC-Human Resource Development Centre, Savitribai Phule Pune University. 16th- 29th Nov 2021
- **Silveira, I.:** *Souvenirs of a Silent and Violent Childhood: Vignettes from Riad Sattouf's L'Arabe du Futur (The Arab of the Future)* Annual International Conference 'Conflict and Literature: Narratives of Struggle'. Department of Germanic and Romance Studies, University of Delhi. 10th-12th March 2022
- **Dharwadkar K** – फ्रेंच भाषेतील साहित्याचे मराठीभाषांतर (French literature in Marathi). एकदिवसीय राष्ट्रीय वेबिनार - 'परदेशी भाषांतील साहित्याचे मराठी भाषांतर (*One - Day National Webinar - Translation of Foreign Language Literature in Marathi*). Department of Marathi, Goa University, Goa. 4th March 2022.
- **Dharwadkar K** - Les pièces de Molière à travers une perspective indienne. *Les Rendez-vous de l'IFI*. Institut Français Inde. 25th February 2022.
- **Dharwadkar K** - Careers after B.A. in French. The French Department of RamnarainRuia Autonomous College, Mumbai. 7th December 2021.
- **Dharwadkar K** - Language Learning in the Era of Translation Technology-Online Panel Discussion. *European Day of Languages*. Alliance Française de Pune, the Goethe-Institut Pune, the Polish Institute New Delhi, the Italian Cultural Institute in India and the Consulate General of Switzerland in Mumbai. 25th September 2021.
- Le Pañchatantra - un art de savoir-vivre. *Etude des langues romanes à l'époque du polylinguisme*. Ministère de la science et de l'enseignementsupérieur de la Fédération de Russie Etablissement d'enseignementsupérieur de la Fédération de Russie, Université linguistique d'Etat de Moscou, Federal State Budgetary Educational Institution of Higher Education «Moscow State Linguistic University»(MSLU), Faculté de langue française. 21-23 October 2021.
- **Dalvi S** - Conducted a session on « **Les pièces de Molière à travers une perspective indienne** » at Rendez-vous de l'IFI conducted by Institut Français en Inde on 25th February 2022.
- Presented paper titled« **Les activités créatives dans l'enseignement des langues** » at an International Conference on «Etudes des langues romanes à l'époque du plurilinguisme» Organised by Ministère de la science et de l'enseignement supérieur de la Fédération de Russie Etablissement d'enseignement supérieur d'Etat Université linguistique d'Etat de Moscou Federal State Budgetary Educational Institution of

Higher Education «Moscow State Linguistic University» (MSLU) Faculté de langue française, 21-23 October 2021.

Department of Portuguese and Lusophone Studies

Faculty (*Full-time*):

- **Anthony Viegas**, Head (w.e.f. 15/01/2021), Associate Professor in SEOAS.
- **Scarlet Ava Fernandes**, *M.A.*, Assistant Professor – Portuguese Language and linguistics, Teaching Portuguese as an Additional Language and Creative writing
- **Dhruv Sudin Usgaonkar**, *M.A.*, Assistant Professor – Portuguese as an international language, the Lusophone World, Intercultural studies, Cultural Diplomacy & Soft Power
- **Loraine Ethel Barreto Alberto**, *M.A.*, Assistant Professor – Indo-Portuguese Literature & Teaching Portuguese as a Foreign Language
- **Franz Schubert Agnelo De Miranda Cotta**, *M.A.*, Assistant Professor – Lusophone literature and culture; Translation and cultural studies; Performative arts and traditions

Visiting Faculty:

- **Delfim Correia da Silva**, *M.A., M.Phil.*, UGC - Assistant Professor/Visiting Faculty (under Indo- Portuguese Cultural Exchange Programme) – Interdisciplinary Portuguese Studies (Teaching Portuguese as Foreign Language, Portuguese Literature and Linguistics)
- **Pedro Manuel Sobral Pombo**, *Ph.D.*, (till September 2021) Assistant Professor/Visiting Faculty (Term Contract) – Maritime circulations in Indian Ocean, cartography and archives, heritage and material culture. Topographies between Africa and India through textile aesthetics, stories of migration and contemporary art.

Faculty (*on contract*):

- **Jeanette Camilla Barbosa Noronha** (w.e.f. 13/10/2021), *M.A.*, Assistant Professor – Foreign Language Acquisition, Teaching Portuguese as a Foreign Language

Achievements:

Scholarship awarded

- Franz Schubert Agnelo de Miranda Cotta - Mobile UP - Erasmus+ (Portugal: 18/04/2022 - 22/04/2022)

- Loraine Ethel Barreto Alberto - CAPPLE - Refresher Course for Teachers of Portuguese as a Foreign Language[online] - Camões I.P. (Portugal: 12/07/2021-24/07/2021)

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
1) Workshop - Teaching Portuguese through Capoeira	12/ 11/ 2021	Consulate General of Brazil in Mumbai
2) Seminário Online - A Língua Portuguesa e o seu léxico	26/11/2021	GCUB, Brazil; Consulate General of Brazil in Mumbai
3) Oficina virtual - Estudos da língua portuguesa no Brasil e em Goa, intercâmbio de experiências	11/11/2021	GCUB, Brazil; Consulate General of Brazil in Mumbai
4) Conferência/Aula Aberta - Morte, memória e práticas funerárias à luz dos túmulos de D. Pedro I e D.Inês de Castro	13/04/2022	Erasmus+
5) Workshop - Lusophone Literature in the Teaching of Portuguese as a Foreign Language	7/ 5/ 2022	CLP-Camões

Research Publications:

Journal Articles- Nil

Conference Presentations, Lectures, etc.

- **Fernandes, S.A.:** Creating and harnessing digital resources for an online Portuguese language class. *Online 2nd International Congress "Innovation and Technology in Language Teaching" (iTel 2021)*. El@n (Online Language Teaching) of LE@D (Distance Education and Learning Laboratory) and the Humanities Department of Universidade Aberta, Portugal. 2-3 Dec 2021.
- **Fernandes, S.A.:** Creating and harnessing digital resources for an online Portuguese language class. *Online 2nd International Congress "Innovation and Technology in Language Teaching" (iTel 2021)*. El@n (Online Language Teaching) of LE@D (Distance Education and Learning Laboratory) and the Humanities Department of Universidade Aberta, Portugal. 29-30 Nov 2021.

- **Fernandes, S.A.:** Mother tongue language in the Portuguese foreign language classroom in Goa, India. *Online III Encontro Internacional de Língua Portuguesa e Relações Lusófonas (LUSOCONF 2021)*. Instituto Politecnico de Braganca, Escola Superior de Educacao, Portugal. 14-16 Oct 2021.
- **Fernandes, S.A.:** Ensuring Equality, Inclusion and Diversity in Portuguese Online Synchronous Teaching: Challenges and Opportunities. *Online International Conference Aprender Línguas Estrangeiras em Tempos de Pandemia – desafios e oportunidades*. CLIC IPL, Portugal. 25 Jun 2021.
- **Barreto-Alberto, L.:** Dalgado's 'Florilégio de Provérbios Concanis' vis-à-vis modern day Goa: A socio-linguistic approach. *International Conference: Dalgado 100: A obra de Sebastião Dalgado*. Universidade de Lisboa, Faculdade de Letras. 4-5 Apr 2022.
- **Barreto-Alberto, L.:** The role of 19th century Historiographers in the cultural structuring of the Portuguese Konkan. *Local History Seminar 2022: Historiography of Goa*. Dept. of History, Goa University. 11 Mar 2022.
- **Cotta, F. S.:** Dalgado's 'Florilégio de Provérbios Concanis' vis-à-vis modern day Goa: A socio-linguistic approach. *International Conference: Dalgado 100: A obra de Sebastião Dalgado*. Universidade de Lisboa, Faculdade de Letras. 4-5 Apr 2022.
- **Cotta, F.S.:** A influência do português no concaním. *Seminário Online: A Língua Portuguesa e o seu léxico*. GCUB, Brazil (Grupo De Cooperação Internacional De Universidades Brasileiras). 26 Nov 2021
- **Silva, D.S.:** *Oficina Virtual: Estudos da Língua Portuguesa no Brasil e em Goa, intercâmbio de experiências*. GCUB, Brazil; Consulate General of Brazil in Mumbai. 11 Nov 2021.
- **Silva, D.S.:** *Workshop for teachers of Portuguese FL: O texto literário lusófono no ensino do PLE*. Camões-Centro de Língua Portuguesa, Panaji, Goa. 7 May 2021.
- **Silva, D.S.:** A literatura goesa no ensino do Português Língua Estrangeira na Índia. *Online Séminaire Inter Universitaires, Session 3*. Université d' Aix-Marseille - UFR ALLSH Département d'Études Portugaises et Brésiliennes.

2.2 FACULTY OF SOCIAL SCIENCES

Faculty of Social Sciences



Programmes and Degrees:

Sociology	(M.A. and Ph.D.)
History	(M.A. and Ph.D.)
Political Science	(M.A. and Ph.D.)
Department of Library and Information Science	(B. L. I. Sc. And M. L. I. Sc.)

Faculty Board: (Term until: 21 Sept. 2023)

Dean, Faculty of Social Sciences	Chairperson (Ex-Officio)
Head, Department of History	Member (Ex-Officio)
Head, Department of Philosophy	Member (Ex-Officio)
Head, Department of Political Science	Member (Ex-Officio)
Head, Department of Sociology	Member (Ex-Officio)
Head, Department of International Relations	Member (Ex-Officio)
Head, Department of Women Studies	Member (Ex-Officio)
Head, Department of Library & Information Science	Member (Ex-Officio)
Prof. Pratima P. Kamat	Member (Ex-Officio)
Prof. Sanjyot D. Pai Vernekar	Member (Ex-Officio)
Shri. Parag D. Porobo	Member
Dr. Arvind N. Haldankar	Member
Dr. Aparna P. Lolayekar	Member
Dr. Joanna Pereira Coelho	Member
Dr. Alakananda P. Shringare	Member

Faculty (Full-time):

- **Ganesha Somayaji**, *Ph. D.*, Professor and Dean–Social Theory, Sociology of Language, Food and Society
- **Joanna Pereira Coelho**, *Ph. D.*, Associate Professor and Vice-Dean (Research)–Sociology of Indian Society, Sociology of Language, Environment and Society, Political Sociology, Refugee Studies
- **Arvind N. Haldankar**, *Ph. D.*, Associate Professor– Sociology of Tribes, Research Methodology, Environmental Sociology
- **Favita Rochelle Dias (on EOL)**, *M. A.*, Assistant Professor–Caste, gender and sexuality
- **Mozinha Fernandes**, *Ph.D., M.A.*, Assistant Professor–Tribal culture, Gender studies
- **Ninotchka Mendes**, *M. A.*, Assistant Professor – Tourism in Goa and Livelihood Transitions
- **Sangeeta Tate**, *M. A.*, Assistant Professor – Tribes, Migration, and Gender.

Research publications:

Articles in journals:

1. Tibetan nationalism and cultural homogenisation in exile: An interpretation of institutions and the public sphere. Coelho, J.P.; Somayaji, G. *Sociological Bulletin* .71(2); 2022; 272-288.
2. Fatherland or livelihood: Value orientations among Tibetan soldiers in the Indian Army. Coelho, J.P.; Somayaji, G. *Journal of Human Values*. 27(3); 2021; 225-233.

Conference Presentations, Lectures, etc.

Joanna P. Coelho

1. Social Capital, Social Transformations and Tibetan Buddhist Practices in India. Paper presented in The Second Young Indian Research Scholars' Conference On Tibet and the Himalaya 6th -9th December, 2021
2. Citizenship and Tibetan refugees in India. Lecture delivered for Refresher Course in Political Sciences (Inter/Multi-disciplinary) – ONLINE from 02.03.2022 – 15.03.2022.
3. Politics of Language use in Goa. Lecture delivered for Refresher Course in Political Sciences (Inter/Multi-disciplinary) – ONLINE from 02.03.2022 – 15.03.2022.

Webinars/Workshops Participation

Ninotchka Mendes

1. Webinar on ‘Conquering the Intricacies of Citations and References’ organised by Wiley Publishing on 24th August 2021.
2. Webinar on ‘Mastering the Craft of academic writing: A systematic approach’ organised by Wiley Publishing on 31st August 2021.

3. Webinar on ‘The Publishing Process: The complete Journey of an Article’organised by Wiley Publishing on 21st September 2021.
4. Attended a Webinar series on ‘Making of Modern India’ organised by the Department of History, Goa University on 20th September 2021.
5. Webinar on "Understanding Agrarian Distress, Farm Acts of 2020, and Farmer Protests: Myths and Reality” organised by Goa Business School, Goa University, on 08th October 2021.
6. Attended a Workshop on ‘Internationalisation of Higher Education at Goa University’ organised by RISHII Project Team along with Directorate of International Cooperation and Exchange (DICE), Goa University, 17th September 2021.

Lectures on other occasions

Joanna P. Coelho

Joanna P. Coelho conducted three classes on the subject of Social Issues for Japanese students of Nihon University as part of the Study India Programme on 23/02/2022 and 24/02/2022.

Arvind N. Haldankar

- a) Delivered a lecture on “Understanding Research Process” to B.A. Sociology students on 17.12.2021 at CES College of Arts & Commerce, Cuncolim Goa.
- b) Presented a Research Paper titled “Emerging water concerns in tribal hamlets of south Goa” at the 46th All India Sociological Conference, University of Mumbai.
- c) Resource Person at the One-day State Level Seminar organized by the Department of Konkani Goa University on the “Literary works of Shri Pundalik Naik” on 15.03.2022.
- d) Keynote Speaker on the topic 'Coastal Tourism in Goa: Emerging Concerns' at the National Seminar organized in a hybrid mode by the Department of Sociology Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar Gujarat and Indian Council of Social Science Research (ICSSR) on the theme 'Indian Tourism: Issues, Challenges and Impacts' on 27.02.2022.
- e) Contributed as an Expert Speaker on ‘Depression and Self-harm’ among young adolescents.... (# Konkani language) produced by Chetana Community Wellness to help spread awareness about mental health (<https://youtu.be/0Kjs1WRBxds>).
- f) Resource Person at the One Day International Conference organized on the theme ‘Looking at The Pandemic Through Gender Lens’ by Kandivli Education Society’s B. K. SHROFF COLLEGE Mumbai.

Coordinating Study India Programme

Prof. Ganesha Somayaji coordinated “Online Study India Programme” for the students of Ninon University, Japan from 15/02/2022 to 15/03 2022.

Ph. Ds:

Degree Awarded: NIL

Submitted: NIL

Students on Roll: 12

Department of History

Faculty (Full-time):

- **Nagendra Rao, Ph. D.**, Professor and Head – State Formation, Transcultural Trade, Urbanization, Indo-Portuguese History, Historiography, Maritime History of India, History of Goa
- **Pratima P. Kamat, Ph. D.**, Professor–Indo-Portuguese History and Maritime Studies, Gender Studies, History of Goa
- **Parag D.Parobo, M. A.**, Associate Professor and Vice-Dean (Academic)– Discourse on Nationalism in Goa, Caste Movements and Political Economy of Post-Colonial Goa
- **Seema S. Risbud, Ph. D.**, Assistant Professor– Indo-Portuguese History, Decolonisation Movements, Social movements, Gender Studies and Studies in Indian Culture and Heritage
- **Nalini Naik, Ph.D.**, Assistant Professor - Political, Social and Economic History of Ancient India, History of Goa, Art and Architecture, Epigraphy and Numismatics, Museum studies
- **Vinod Kankonkar, M. A.**, Assistant Professor – History of Goa, Medieval India, Modern India, History of Cinema
- **Sneha Babi Ghadi, M. A.**, – Colonial History, Ancient Indian History, Medieval Indian History, Indian Diaspora Studies, Gender Studies

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Rao, N.	Ongoing	Preliminary Investigation into the Archival Sources relating to Indo- Oman Trade Relationship in the Pre-modern Period in the Goa Archives	National Records and Archives Authority, Sultanate of Oman	13,16,000.00
Rao, N.	Ongoing	Creating an in-depth literature relating to the history of Goa from pre-historic period to 1961 CE	DHE, Government of Goa	1,00,000.00

Research publications:

Rao, N.

The State and Subordinate Peasants in Karnataka, *Social Scientist*, Vol. 50, nos 3-4/March-April 2022, pp. 33-52.

Naik, Nalini

Sculptures of Mahishasurmardini from Sattari taluka, Goa. *The Quaterly Journal of The Mythic Society*, Vol. 112 Nos. 2-3: April-September 2021. Bengaluru: The Mythic Society.

Conference Presentations, Lectures, etc.

Parag D. Parobo

“Post–colonial Goa: The political economy of transformations,” paper presented at the Goa Liberation Diamond Jubilee Seminar organised by the Indian Navy, Dabolim on 14th December 2021.

“Salt robberies in colonial Goa: Archives, silences and the production of history,” paper presented at the Local History Seminar organised by the Department of History, Goa University on 11th March 2022.

Conference Participation

Naik, Nalini

Participated in an International Virtual Conference on ‘Textile of India’ organized by Department of History, UCSSH, Mohanlal Sukhadia University, Udaipur, in collaboration with Centre for Civilisational Studies & Indus International Research Foundation on 03 & 04th December 2021.

Participated in the seminar on Historiography of Goa, organized by Department of History at Goa University on 11th March 2022.

Ph. Ds:

Degree Awarded: 02

Submitted: NIL

Students on Roll: 11

Department of Political Science

Faculty (Full-time):

- **Rahul Tripathi**, *Ph. D.*, Professor and Head - International Political Economy/South Asia
- **Prakash Desai**, *Ph. D.*, Assistant Professor– Political Theory, Modern Indian Political Thought, Democracy and Civil Society, West Asia with reference to

Contemporary Political Discourses

- **Alaknanda P. Shringare**, *Ph.D.*, Assistant Professor – Democratic Governance, Public Administration, Rural Development
- **Ravaji Vasant Gaunkar**, *M. A.*, Assistant Professor – Goan Society and Politics, Political Sociology of India
- **Shraddha Shrikant Naik**, *Ph. D.*, Assistant Professor – International Relations, India's Foreign Policy, Interregionalism and BRICS
- **Prachi Satyavan Naik**, *M. A.*, Assistant Professor – Political Theory, Language Politics, Cultural Politics, Electoral Politics

Major Thrust Areas and Achievements:

Thrust Areas:

The programme maintained its focus on teaching and research in the areas of Local Government, Indian Democracy and South Asia. A major initiative was its partnership with the Election Commission of India/ Chief Electoral Officer, Goa for the creation of e-learning content on Democracy and Electoral Management which could be useful for election officers as well as general public. The Department also continued Certificate Programme in Community Engagement and Rural Development in collaboration with Goa Institute of Public Administration and Rural Development.

Research Project

Alaknanda Shringare Coordinated KAP Baseline Survey 2021 of the Election Commission of India

Research Publications:

*Articles in journals (*Impact Factor/ Cite Score Journals)*

1. Tripathi, Rahul. 'How Eastern U.P. Voted? A Case of Gorakhpur District in Assembly Polls of 2022', *Politico*, Vol.14, No.2, pp37-46
2. Desai, P., "Congress cannot survive without Gandhi family", *Rajneeti*, E-Newsletter, Vol.II, No.1, 2022, pp.11-13.
3. Desai, P. "Structure and Functions of Local Governance in Ancient India: A Study of its Relevance", *Bihar Journal of Public Administration*, Vol. XIX, No. 1 Jan-June, 2022, pp.142-156, ISSN: 0974-2735.
4. Shringare, A. & Fernandes S. (2021), "COVID-19 Pandemic in India Points to Decentralized Response", *State and Local Government Review*, Sage Journal, 52(3), pp195-199.

Book Chapters:

1. Tripathi, Rahul. 'Decolonization and Colonial Legacies' in *A History of Colonial India 1757 to 1947* Edited by Himanshu Roy and Jawaid Alam, Routledge, New York, 2022, pp.250-262.

2. Tripathi, Rahul. 'India's Quest for Security: Navigating the Region and The World' in *Security Concerns of Asia: 21st Century Discourse* Edited by Sarika Dubey, Pentagon Press, New Delhi, 2022, pp.113-124.
3. Desai, Prakash. 'Democratic Traditions in Lingayat Movement', in *Political Thought in Indic Civilization*, Sage Publishers, Edited by Himanshu Roy, New Delhi, 2021, pp.143-165.
4. Desai, Prakash. 'State of Higher Education in India', in, *Empowering Marginalized Communities in India*, Edited by M. J. Vinod and S. Y. Surendrakumar, Sage Publishers, New Delhi, 2021, pp.21-37.
5. Shringare A. P. 'Goa: BJP's Electoral Slide but Political Triumph', in *Electoral Dynamics in the States of India* Edited by Shatri Sandeep., Kumar Ashutosh and Sisodia Yatindra S. New York: Taylor & Francis, 2022.
6. Gaonkar, Ravaji. 'Proactive disclosure of Information under RTI act 2005 in Village Panchayat of Goa' in *Bihar journal of Public Administration*, Vol XVIII No.1 Jan-June 2021.

Conference Presentation, Lectures etc.

Rahul Tripathi

Presentation on 'Reconstructing the Region in South Asia' in a national Conference Co-organised with South Asian University, New Delhi, 8 August 2021

Shraddha Naik

1. Presented Paper at the International Webinar- Reconstructing the 'Region' in South Asia, Paper Titled: "Re-setting the South Asian Regional Framework Conundrum", jointly organized by Department of Political Science- Goa University and Department of International Relations- South Asian University, New Delhi, 12-13 August 2021.
2. Presented a paper at International Webinar on Shifting Paradigms in National and International Politics in Global Pandemic Scenario COVID-19- Major Issues and Challenges, jointly organized by: KVR Govt. College for Women (A) Kurnool, Andhra Pradesh and SSA Govt. First Grade College (A) Ballary, Karnataka, on 8th and 9th October 2021.
3. Presented a paper at International Studies Association 63rd Annual Convention: A Wider Discipline for a Smaller World, titled: "The Multilateral, Regional and Bilateral Disorder in Addressing the COVID-19 Pandemic", for virtual panel- Will the world hang together again? Multilateralism and development in the post-pandemic world, on March 28, 2022, Nashville, Tennessee, US
4. Presented a paper at BRICS Research Conference, Titled: "BRICS Climate Change Gridlock" 3-6 April 2022, Durban University- South Africa (Online).

Alaknanda Shringare

Presented a paper entitled "Global Health Governance in Managing COVID-19 Pandemic: Issues and Challenges" in an International Conference on India and COVID-19 Pandemic: Impact, Challenges and Policy Responses organised by School of International Relations and Politics, Institute for Contemporary Chinese Studies & Mahatma Gandhi University Kerala 23rd -25th April 2021.

Lectures on other occasions

Tripathi, Rahul

Lecture on 'Multilateralism at Cross roads' at the Department of Geopolitics, Manipal University, 9th November 2021.

Prakash Desai

1. Was invited as a Key Note Speaker for 27th Shivaji University Political Science Association Conference & National Seminar on *Seventy-Five Years of Indian Politics: Transformation and Progress*, jointly organized by Dept. of Political Science, Chh, Shivaji College, Satara and Centre for Nehru Studies, Shivaji University, Kolhapur on 16th & 17th March, 2022. Title of the address was *The Idea of Freedom in India*.

Alaknanda Shringare

1. Resource person for the National Voter's Day Celebration on 25th January 2022. Topic: "How Aware is the Voter in Goa?" organised by the Department of Political Science, Goa University
2. Keynote Speaker for Webinar on "Ethical and Fair Voting" organised by VVM's Govind Ramnath Kare College of Law on 8th February 2022. Topic: Voter's Awareness
3. Resource person for the Panel Discussion on the "Urgency of Democracy" organised by St. Joseph Vaz College, Cortalim, on 12th February 2022.
4. Invited as resource person for discussion on Goa Elections by Gomantak TV on 11th February 2022.
5. Invited as resource person for discussion on Goa Election 2022 by Gomantak TV on 14th February 2022.
6. Invited as an expert to speak on Goa Assembly Elections 2022 organised by EPW engage on 24th February 2022.

Ravaji Gaonkar

1. Delivered a lecture on 'Inclusiveness and Tribal sub-Plan' on 06 Dec 2021, organised by the CSSEIP, Goa University.
2. Delivered a Lecture on 'Ethical and Fair Voting' on 8 Feb 2022 organised by Govind Ramnath Kare college of Law, Mrgaon, Goa.

Shraddha Naik

1. Virtual Panel Discussion, Understanding Russia - Ukraine Crisis, V.V.M.'s Govind Ramnath Kare College of Law, Goa-India on 09/03/2022.

Ph.Ds.:

Degrees Awarded: 01

Submitted: 01

Students on roll: 15

Faculty (Full-time):

- **Carlos M. Fernandes**, *Ph. D.*, Assistant Professor- Management of Library and Information Centers; Research Methodology; Scholarly communication; Digital Content Development and publishing;
- **Milind C. Mhamal**, *M. L. I. Sc.*, Assistant Professor – Information Processing and Retrieval-Library Classification Theory and Practical; Library Cataloguing Theory and Practical; Electronic Information Sources and services; Marketing of Information Resources and Services.
- **Shamin Pereira**, *Ph. D.*, Assistant Professor. Information Retrieval; Fundamentals of Information Technology; Reference and Information Sources; Electronic Information Sources and services; Information Literacy.
- **Novelty R. Volvaikar**, *M. L. I. Sc.*, Assistant Professor. Library Automation and Networks; Library Automation Software; Information Technology (Practical), Digital Libraries (Practical) Webometrics, Infometrics & Scientometrics; Information Services and Systems.
- **Rohan L. Parab**, *M. L. I. Sc.*, Assistant Professor. Library Information and Society; Digital Libraries – Theory; Information Services and Systems; Digital Information Management; Web 2.0.

Major Thrust Areas and Achievements:

The Library and Information Science programme focuses on teaching and research in Library and Information Science; Expertise in library management and maintenance. The programme designed and got it approved a dedicated number for *Asanas & Pranayama* in Library Classification scheme of DDC, from Library of Congress, New York, USA.

Research publications:

Journal

Pereira, Shamin "Skill Sets Essential for Librarians In The Post-Pandemic Scenario: A Study On Librarians In The Higher Education Institutes In The State Of Goa, India" (2022). *Library Philosophy and Practice* (e-journal), available at <https://digitalcommons.unl.edu/libphilprac/6678/>

Books:

- Mhamal, M., (2021). *Bhartiya Tatvaginyanachi Ruprekha*. Konkani Translation of "Outline of Indian Philosophy" by M. Hiriyanna. Creative Books, New Delhi.

Conference Organised

Carlos Fernandes and Milind Mhamal organized a national conference entitled "Innovative and Emerging Trends in Modern Libraries" 23rd December 2021.

Invited talks and other tasks

Milind Mhamal delivered a lecture at a Webinar on “Effective use of Online E-resources for Quality Enhancement of Libraries” on 13th August 2021, organized by Goa Institute of Public Administration and Rural Development, Old Goa

Carlos Fernandes had been invited to be a resource person for ‘Certificate Course in Library and Information Science’ conducted by Goa College of Engineering, Ponda, Goa from June 2021 to Sept. 16, 2021

Carlos Fernandes had been invited by the Margao Municipal Council Library, Margao Goa to suggest measures to conserve the old and rare books for national posterity on 14/07/2021

2.3 SCHOOL OF SANSKRIT, PHILOSOPHY AND INDIC STUDIES (SSPIS)

Dean: Prof. Koshy Tharakan

Discipline: Philosophy

Faculty (Full-time):

- **Sanjyot D. Pai-Vernekar**, *Ph.D.*, Professor– Medical Ethics
- **Koshy Tharakan**, *Ph.D.*, Professor and Head – Philosophy of Social Sciences and Phenomenology
- **Rajavi Damodar Naik**, *M.A.*, Assistant Professor- Applied Ethics and Indian Philosophy
- **Walter Menezes**, *Ph.D.*, Assistant Professor- Classica Indian Philosophy: Vedanta, Buddhism & Jainism, Indian Logic & Epistemology, Philosophy of Religion, Legal Philosophy.
- **Dr. Norma Menezes**, *PhD.*, Associate Professor- Existentialism

Seminars, Conferences, Workshops etc. organized:

Programme	Date	Major Sponsors
“B. R. Ambedkar's Approach to Buddhism”	6 th August 2021.	School of Sanskrit, Philosophy and Indic Studies (SSPIS)
“Philosophy for Communities in Transition: Teaching Philosophy for Self- Transformation”	22 nd October 2021	School of Sanskrit, Philosophy and Indic Studies
“From Speech to Text: The Ethics of Ricoeur's Long Hermeneutic Route”	26 th November 2021	School of Sanskrit, Philosophy and Indic Studies
“Philosophy as Lived Practice: Mindfulness Industry, Wellness, and Philosophy”	28 th January 2022	School of Sanskrit, Philosophy and Indic Studies
“Carrying Over Kālidāsa: Translating the Sanskrit Mahākavi into English”	25 th February 2022	School of Sanskrit, Philosophy and Indic Studies
“De-colonizing Solidarity and Reciprocity: A Feminist Philosophical Perspective on Ethics Across Difference”	27 th April 2022	School of Sanskrit, Philosophy and Indic Studies
Glimpses of Gandhi Darshana	04 th October 2021	School of Sanskrit, Philosophy and Indic Studies
Internationalisation on Curriculum- "Modernisation of Teaching, Learning & Assessment Programs"	22 nd April 2022	Manipal Academy of Higher Education & Erasmus + Programme of the European Union & SSPIS

Articles Published:

1. Kamat, N.M.; PaiVernekar, S.D.; Kerkar, S. (2022). "The role of Froilano De Mello as a pioneer microbiologist in Asia and relevance of his work for tropical countries in view of the bioethical issues created by current COVID-19 pandemic management." *Latin American International Conference on Social Sciences and Humanities-II*, Colombia, 244-249.
2. Kamat, N.M. (2021). "Interpreting the petroglyphs of prehistoric shamans of India's west coast." *Proc. of International Archeology, Art History and Cultural Heritage Congress*, Adana-Turkey; 269-286.
3. Tharakan, K.; Chattopadhyay - Mukherjee, P. (2022). "At home as an 'outsider': Subarnalata and Othappu: The scent of the other side." *Samyukta: A Journal of Gender and Culture*. 7(2); (Article ID_45.)

Book Chapters:

1. Kamat, N.M. "Implications of Covid-19 for India's geo-biostrategic game plan and new biosecurity doctrine." *Covid, Conspiracy & Causation*; 41-54.

Seminars/Webinars Participated:

1. Rajavi D. Naik: Attended webinar on 'A yogic approach to holistic hygiene', two days online workshop on 21st -22nd February 2022 organised by the Sanitation and hygiene sub committee of SES-REC, Goa University.
2. Rajavi D. Naik: Attended a workshop on UGC – sponsored seminar on publishing in high-impact research journals on 21-02-2022 by Human Resource Development Centre, Goa University.
3. Attended UGC-sponsored workshop on NEP 2020: Research, Innovation, and Rankings held on 14-11-2022.

NET/ SET Mentoring:

- Sanjyot D. Pai Vernekar mentored MA Philosophy students for the NET/SET exam at Goa University.

Ph. D Related:

Dr Walter Menezes:

- Reviewed Ph. D Thesis & served as the External Examiner to conduct Ph. D Viva Voce of Ms. Maria Chumak of Pondicherry University on the title: "Christian Iconography with Reference to the Significance of Women".

Lectures on other occasions:

- Koshy Tharakan: Lecture Sessions on Interfaith Dialogue- Samvaad Project under Seeds of Peace, India & the U.S. Consulate General, Mumbai conducted from 11th - 20th October 2021.
- Dr. Walter Menezes: Tutored on the subject “Indian Philosophy & Religion” to Nihon University students as part of the Online Study Indian Programme 2022.

2.4 SCHOOL OF INTERNATIONAL AND AREA STUDIES (SIAS)

Faculty (Full-time):

- **Aparajita Gangopadhyay, Ph.D.**, Professor and Dean–School of International and Area Studies- Latin American Political Economy and International Relations.
- **Dattesh D. Parulekar, Ph.D.**, Assistant Professor and Programme Director - India’s Foreign Policy, Strategic Maritime Affairs and Eurasian Studies.
- **Mukund Narvenkar, Ph.D.**, Assistant Professor – Maritime Security Studies, Indo-Pacific, International Relations and India’s Foreign Policy.
- **Almin Cicily Jose, Ph.D.**, Assistant Professor – Governance, Public Policy-Foreign Policy Analysis, South Asia.
- **Yugank Naik, M.A.**, Assistant Professor– International Relations, Latin American Studies, New Social Movements, World Cinema, Decolonization and Identity.
- **P.V. Unnikrishnan, Ph.D.**, Visiting Faculty – Japanese Language and Culture.

Major Thrust Areas and Achievements:

Thrust Areas:

International Relations and Area Studies (South Asian, South East and East Asian, European, Latin American and Caribbean, Chinese, Maritime Studies and Polar Studies among others).

Achievements: Nil

Visiting Scholars:

Name of the scholar	Institution	Title of Lecture	Date
*Prof. Satish Kumar	IGNOU, New Delhi	Russian Grand Strategy and Elements of Power Projection in a Turbulent World Order	23/10/2021
		The Russia-China Strategic Compact-Sources and Dimensions of Revisionist Resistance	13/11/2021
Prof. Heribert Dieter	German Institute of International and Security Affairs	Security Policies in the Indo-Pacific: AUKUS and the Formation of Anti- China Coalitions	07/12/2021

*Prof. Manish	Central University of Gujarat	Decoding Challenges to Political Institution Building in South Asia State and Human Security in South Asia; Strategic Perspectives	02/03/2022 04/03/2022
*Dr Bibhu Prasad Routray	Director, Mantraya (Think tank) & Visiting Faculty at the Naval War College, Goa	Al Qaeda, Islamic State, and Beyond: Future of Global Terrorism The 'New' Afghanistan: What it means for South Asian Security	17/03/2022 19/03/2022

* These Distinguished Lectures were held in online mode due to the Covid-19 Pandemic time travel restrictions and SOPs.

Seminars, Conferences, Workshops etc. organized:

Programme	Date	Major sponsors
# International Conference- “4 th India Forum on China at Goa,” on <i>100 Years of CPC and China’s Future</i>	3 rd -4 th December 2021	Institute of Chinese Studies, Konrad-Adenauer Stiftung and School of International and Area Studies, Goa University.

International Conference was held in the hybrid mode, those who could travel, were present, rest made it with their virtual presence.

Research Publications:

*Articles in journals (*Impact Factor/Cite Score Journals)*

- Parulekar, D. D., (2021). The Quad and it’s Transmute: Coordinated Cooperation, Convergent Coalition, Capacitive Compact”, *FINS Journal of Diplomacy and Strategy*, 4(2), 46-55.

Book Chapters

- Gangopadhyay. A. (2021). “Argentina, G20 and Beyond: The “Outsider” Saga”, in John Whalley and Manmohan Agarwal, (eds.), *Economics of G20: Country Perspective Volume 2* (New Jersey: World Scientific, 2021), pp. 97-117.
- Parulekar. D. D, (2021). “The Indo-Pacific Quad Plus at Atlantic Latin American Shores: A Moment of Covet or Reckoning for Brazilian Foreign Policy?”, in J. Panda and E. Gunasekara-Rockwell (eds.) *Quad Plus and the Indo-Pacific: Changing Profile of International Relations*, Routledge, 2021, pp. 192-208. ISBN 9781032048604.

Books:

- Gangopadhyay. A. (2021). Co-edited with Sadcidi Zerpa de Hurtado and Alberto José Huratdo Brinceno, *India-América Latina: Relación Comercial e Inversión* (Trade and Investment Relationship) Caracas: Universidade de Los Andes and Grupo de Estudios Económicas Sobre Asia.

Ph. Ds.

Degrees Awarded: 00

Submitted: NIL

Students on roll: 07

2.5 MANOHAR PARRIKAR SCHOOL OF LAW, GOVERNANCE & PUBLIC POLICY

Faculty (Full-time):

- **Shaila Desouza**, *Ph.D.*, Professor and Dean – Gender, Health, Development, Law and Violence
- **Aparna Lolayekar**, *Ph.D.*, Associate Professor and MA Programme Coordinator- Growth and Development Economics, Gender and Development, Spatial Econometrics and Spatial Data analysis
- **Nishtha Desai**, *Ph.D.*, Assistant Professor–Child Protection, Violence against Women, Literature
- **Sulochana Suresh Pednekar**, *M.A. MPS*, Assistant Professor– Global Health with special emphasis on Reproductive health of Women, Education, Sanitation and Environment
- **Prachi Prabhu**, *M.Phil.*, Assistant Professor- Feminist History, Community reform, Sexuality and Gender
- **Vithai Zaraunker**, *M.A*, Assistant Professor-Gender,Caste and Tribe

Contractual:

- **Ms. Kajal Rivankar**, *M.A* Assistant Professor -Gender & Health, Gender & Environment, Family and Child Welfare

Visiting Scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Dr. Maria Bernadette Lia Gomes	Retired faculty of Government College of Quepem	Qualitative Research	01 st Oct. 2021
Dr. Sharmila Sardesai Correia	Muskann Foundation	Women’s health (menopause, cervical and breast cancer)	28 th Oct 2021
Dr. Ashley Tellis	Journalist	LGBTQIA Movement	18 th Nov.2021
Ms. Mamata Verlekar	Assistant Professor (Hindi Department) Goa University	Parallel Cinema	03 rd April 2022

Major Thrust Areas and Achievements:

Achievement:

1. Prof. Shaila Desouza is appointed for a second term (4th March 2019 to 3rd March 2022) as member of the Goa State Commission for Women, Government of Goa.
2. Two students successfully cleared National Eligibility Test Exam (NET):
 - Amrita Jaiswal: NET (2019-2020 Batch MA Women’s Studies)
 - Stephanie D’sa: JRF NET (2018-2019 Batch MA Women’s Studies)

3. Priti Parab and Nidhi Vaingankar (MA Women’s Studies 2019-20 Batch) are successfully running an Instagram page. They initiated a ‘bleed red campaign’ to create awareness about menstruation in Goa. Link: [Bleed.happily](https://instagram.com/bleed.happily)
[https://instagram.com/bleed.happily ?igshid=YmMyMTA2M2Y=](https://instagram.com/bleed.happily?igshid=YmMyMTA2M2Y=)
4. Faculty of Women’s Studies Assistant Professor Sulochana Pednekar was selected for the short online course on Gender Justice and Health organised by SAMA, PHM and WGNRR from 29th October to 20th November 2021.

Projects: NIL

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	MajorSponsors
Mukti Gaatha (eve of Goa @ 60	15 th Dec 2021	Manohar Parrikar School, Goa University
Mukti Gaatha (Quiz Competition)	15 th Dec 2021	Manohar Parrikar School, Goa University
Establishing a Research/ Academic Chair in Leadership and Governance	23 rd Nov 2021	Government of Goa
Coping with Challenges in the context of Covid 19	5 th April 2021	Manohar Parrikar School, Goa University
Field trip to tribal village	26 th & 27 th Nov 2021	Manohar Parrikar School, Goa University
Webinar on Inclusiveness and Tribal Sub-Plan	6 th Dec 2021	Manohar Parrikar School, Goa University
Public Lecture on Social Inclusion: Cast and Nutrition	14 th January 2022	Manohar Parrikar School, Goa University
Purple Campaign	23 rd April 2022	S.S.Dempo College of Commerce and Economics, Bambolim,Goa
Purple Campaign	19 th February 2022	Murgaon Education Society’s College of Arts & Commerce, Zuarinagar,Goa
Film Festival (Gender equality today for a sustainable tomorrow)	08 th March 2022	Entertainment Society of Goa and Manohar Parrikar School, Goa University
MEAR 2022(‘Making Equality a Reality)	15 th March 2022	Manohar Parrikar School, Goa University

Research publications:

Articles in journals:

- Lolayekar, A. P.; (2021). Decentralization and its impact on growth in India Journal of South Asian Development/Sage publication
- Pednekar,S; (2022) Valuation of marine and coastal ecosystem services, Journal of Ecology, Economy, and Society-the INSEE Journal 5(1):109-137 January 2022

Ph.Ds:

Degree Awarded: 0

Submitted: 01

Students on Roll: 05

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

Resource Person / Panelist

- Desouza, S.: Speaker for International Women’s Day Lecture organized by Indian Institute of Technology Goa, Title: Gender Equality today for a Sustainable Tomorrow: Pursuing this agenda since the beginning of the Women’s Movement on 11th March 2022.
- Desouza, S.: Delivered a Lecture on Gender Studies for the Foundation Programme in Humanities and Social Studies organized by the School of Humanities and Social Sciences, IIT, Goa on 25th January 2022 and 28th January 2022.
- Desouza, S.: Delivered a Lecture on Gender Studies for the 113th Online Faculty Induction program organized by UGC- Human Resource Development Center, Goa University for newly recruited faculty at the university on 03rd March 2022
- Desouza, S.: Resource person for a session to deliver a lecture on Gender Sensitivity: Gender Champions Working Towards Change organized by Murgaoon Education Society’s College of Arts & Commerce, Zuarinagar, Goa on 21st December 2021
- Desouza, S.: Resource person for two-sessions on ‘What all teachers need to know about the POSH Act 2012’ in the 112th Faculty Induction program organized by UGC- Human Resource Development Center, Goa University on 06th December 2021.
- Desouza, S.: Resource person for ‘Role of Women’s Studies in Engendering Curriculum’ organized by UGC- Human Resource Development Center Bharathidasan University Refresher Course in Gender Studies on 25th October 2021.
- Desouza, S.: Resource person for a session on POSH Act 2013 in 111th Online Faculty Induction program organized by UGC- Human Resource Development Center, Goa University for newly recruited faculty at the university on 12th October 2021.

- Desouza, S.: Delivered Lectures on ‘Prevention, Prohibition and Redressal of sexual harassment of women at the workplace Act 2013’ organized by UGC- Human Resource Development Center, Goa University for 110th Faculty Induction program on 17th August 2021.
- Desouza, S.: External examiner for P.H.D Viva -Voce in Women’s Studies at Bharathiar University, Coimbatore, Tamil Nadu, on 09th May 2022.
- Desouza, S.: External examiner for P.H.D Viva -Voce in Women’s Studies at Alagappa University, Karaikudi, Tamilnadu, 10th January 2022.
- Lolayekar, A.: “Understanding Empowerment and Gender based Violence” STC in Women Empowerment, UGC- HRDC, Goa University, 5th October 2021.
- Lolayekar, A.: “Can India achieve its Sustainable Development Goals without addressing Gender based Violence?” 111th Faculty Induction Programme, UGC- HRDC, Goa University, 24th September 2021.
- Lolayekar, A.: “Does Women's Empowerment Increase the risk of Gender based Violence?”, Refresher Course in Political Science, UGC- HRDC, Goa University, 5th March 2022
- Desai, N.: Delivered Lectures on Feminism and Women’s Empowerment organized by UGC- Human Resource Development Center, Goa University Faculty Induction program on 05th October 2021.
- Desai, N.: Delivered Lectures on Understanding intersectionality and its impact on Women’s Empowerment organized by UGC- Human Resource Development Center, Goa University Faculty Induction program on 05th October 2021.
- Desai, N.: Delivered Lectures on Women and inheritance-Video and Discussion organized by UGC- Human Resource Development Center, Goa University Faculty Induction program on 08th October 2021.
- Desai, N.: Delivered Lectures on Wrap session: Summary by participants on learning of each day comments from participants organized by UGC- Human Resource Development Center, Goa University Faculty Induction program on 11th October 2021.
- Pednekar, S.: Conducted a session on the topic 'Introduction to Gender, Sensitization and Equity'. 30-hour certificate course on 'Gender Awareness, Sensitivity and Equity'.

Department of English, Dnyanprasarak Mandal's College and Research Centre, Assagao, Bardez, Goa. 2nd May 2022.

- Pednekar, S.: Gender, Sanitation and Public Policy. State Level Seminar on the theme 'Development Challenges in Contemporary India'. Economics Discipline of Goa Business School, Goa University. 26th April 2022.
- Pednekar, S.: Sustainable Menstrual Products and Health and Hygiene for Women. Awareness session. Eve of International women's day celebration. Chalice Goa in collaboration with the Sanitation and Hygiene Sub-committee of Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC) of Goa University at Holy Cross High School, Siolim, Goa. 13th March 2022.
- Pednekar, S.: Delivered a lecture and conducted a workshop on "Behaviour Change and Sustainable Environment" for Third Year B.Sc. students of Behaviour Change Communication course. Goa College of Home Science, Government of Goa, Campal, Panaji, Goa. 21st December 2021.
- Pednekar, S.: Does school infrastructure facilities matter in girls education? Two Day International Virtual Conference on Gender Gap and Sustainable Development Goals: Opportunities and Strategies. Department and Centre for Women's Studies and Department of Sociology, Mother Teresa Women's University, Kodaikanal, Tamil Nadu.
- Prabhu, P.: Coordinated the Short-Term Course organised by HRDC Goa University on Women Empowerment, 05th – 11th October 2021.
- Prabhu, P.: and Desai N. Conducted session on 'Feminism and Women's empowerment' on 05th October, 2021 at UGC HRDC Short Term Course on Women Empowerment.
- Prabhu, P.: and Desai N. Conducted session on 'Understanding Intersectionality and its impact on women empowerment' on 05th October, 2021 at UGC HRDC Short Term Course on Women Empowerment.
- Prabhu, P.: and Desai N. Conducted session on 'Women and Inheritance' on 08th October 2021 at UGC HRDC Short Term Course on Women Empowerment.
- Prabhu, P.: Conducted session on 'Empowerment as a continuous process' on 11th October 2021 at UGC HRDC Short Term Course on Women Empowerment.

- Prabhu, P.: External examiner for research project of Bachelors in Social Work students at Don Bosco College, Panjim.
- Rivankar K.: Conducted talk on ‘Sustainable Menstruation’ to commemorate International Women’s Day. Sridora Caculo College of Commerce and Management Studies, Mapusa on 9th May 2022

Courses attended/ Participated

- Lolayekar, A.: Demographic Profile of Convicts and Social Equity in India: A Spatial Analysis. 19th International Workshop of Institutional and Organizational Economics Academy (IOEA), at the Institut d’Etudes Scientifiques de Cargèse, in Corsica, France, from 23rd to 27th May 2022.
- Lolayekar, A.: Demographic Profile of Convicts and Social Equity in India. 16th Annual Conference on Economic Growth and Development, organized by the Indian Statistical Institute, New Delhi from 20th to 22nd December 2021.
- Lolayekar, A.: “Publishing in High Impact Research Journals: Genuine v/s Predatory Journals” organized by UGC-HRDC in collaboration with Directorate of Higher Education, Goa, on 21st February 2022 at the School of Chemical Sciences Auditorium, Goa University.
- Pednekar, S.: ‘Women's role in protecting environment’. Short Term Course on Women Empowerment. UGC-HRDC, Goa University, on 9th October 2021.
- Pednekar, S.: ‘Health as a means of Empowerment’. Short Term Course on Women Empowerment. UGC-HRDC, Goa University, on 6th October 2021.
- Pednekar, S.: Gender, Sanitation and Public Policy in India. 5th Asian Population Conference 2021, Jakarta, Indonesia. Asian Population Association, BKKBN, and CPPS-UGM. 3rd – 5th August 2021.
- Pednekar, S.: Selected for International People’s Health University’s a short online course on ‘Gender Justice and Health’ organised by Same a resource group for women and health, People’s Health Movement and Women’s Global Network for Reproductive Rights from 29th October 2021 to 20th November 2021.

- Pednekar, S.: Participated in the two days online workshop on ‘A Yogic Approach to Holistic Hygiene’ organized by the Sanitation and Hygiene Subcommittee of SES-REC, Goa University on 21st February and 22nd February 2022.
- Prabhu, P.: attended the workshop on ‘Internationalisation of Higher Education’ organised by RISHII Project Team along with the Directorate of International Cooperation and Exchange (DICE), Goa University on 17th September 2021.
- Prabhu, P.: presented a paper on ‘Eminent Women Artists from Gomantak Maratha Samaj and Community Reform’ at 11th Symposium of the ICTM Study Group on Music, Gender and Sexuality (International) from 24th - 28th September 2021.
- Prabhu, P.: attended RISHII workshop - Strategic Line II organised by the Coordinating Committee of the Resources for Internationalisation of Higher Education in India (RISHII), Erasmus+ Project in Capacity Building in Higher Education: 6609906-EPP-1-2019-1-ES-EPPKA2-CBHE-JP and The Office of International Affairs and Collaborations (OIAC), Manipal Academy of Higher Education and Goa University on 22nd April 2022.
- Zaraunker, V.: Webinar on Angel Investment, organised by Institutions Innovation Council, Goa University, June 2021.
- Zaraunker, V.: One day National seminar on ‘Gender and society: Different dimensions’ attended on 20th December 2021 chaired by Vibhuti Patel.
- Zaraunker, V.: Discussion session with Haav Konn authors organised by the Department of Sociology, Goa University.
- Zaraunker, V.: ‘Alito: the story lives on’ organised by Xavier Center of Historical Research on 08th August 2021.
- Rivankar K.: Participated in six days workshop on ‘Scholarly Writing and Publishing’. Knowledge Centre, Digital University, Kerala from 7th to 12th February 2022
- Rivankar K.: Participated at UGC Sponsored Seminar on ‘Publishing in High Impact Research Journal’, UGC-Human Resource Development Centre, Goa University on 21st February 2022.
- Rivankar K.: Participated at International Workshop on ‘Social Norms, Gender and Sanitation Behaviour’. Institute of Rural Management Anand (IRMA) on 1st February 2022.

2.6 FACULTY OF LIFE SCIENCES & ENVIRONMENT

Faculty of Life Sciences & Environment



Faculty Board (Term until: 21st Sept. 2023)

Dean, Faculty of Life Sciences & Environment	Chairperson (Ex-Officio)
Head, Department of Botany	Member (Ex-Officio)
Head, Department of Zoology	Member (Ex-Officio)
Head, Department of Microbiology	Member (Ex-Officio)
Head, Department of Biotechnology	Member (Ex-Officio)
Prof. U.D. Muraleedharan	Member (Ex-Officio)
Prof. Savita S. Kerkar	Member (Ex-Officio)
Prof. Bernard F. Rodrigues	Member (Ex-Officio)
Prof. Malapati K. Janarthanam	Member (Ex-Officio)
Prof. S. Krishnan	Member (Ex-Officio)
Prof. Vijaya U. Kerkar	Member (Ex-Officio)
Dr. Pooja Dua- Chaudhari	Member
Dr. Dharmendra Kumar Tiwari	Member
Dr. Rupali R. Bhandari	Member
Dr. Nitin S. Sawant	Member
Dr. Milind Mohan Naik	Member

Departments and Degrees

Department of Botany	(M.Sc., M.Phil., Ph.D.)
Department of Microbiology	(M.Sc., M.Phil., Ph.D.)
Department of Zoology	(M.Sc., M.Phil., Ph.D.)
Department of Biotechnology	(M.Sc., M.Phil., Ph.D.)

Department of Botany

Faculty (*Full-time*):

- **S. Krishnan**, *Ph.D.*, Professor and Head – Plant Histochemistry, Phytochemistry, Bioprospecting, Plant Biotechnology.
- **Bernard F. Rodrigues**, *Ph.D.*, Senior Professor – Cytogenetics and Plant Breeding, Mycorrhizae, Reclamation of mining wastelands. Documentation of Medicinal Plants, Plant Tissue culture.
- **Prabhat Kumar Sharma**, *Ph.D.*, Senior Professor – Molecular Plant Stress Physiology, Climatic Changes and Crop Productivity, Bioprospecting.
- **Malapati K. Janarthanam**, *Ph.D.*, Senior Professor–Systematics of Angiosperms, Endemic flora of Western Ghats, Biodiversity.
- **Vijaya U. Kerkar**, *Ph.D.*, Professor– Algae and Pteridophyta.
- **Rupali Bhandari**, *Ph.D.*, Assistant Professor – Plant Stress Physiology; Algal Physiology, Biochemistry and Biotechnology.
- **Siddhi Jalmi**, *Ph.D.*, Assistant Professor– Plant Microbe Interaction, Plant Signaling.

Major Thrust Areas and Achievements:

The major thrust areas and research interest of the department are:

- Biodiversity (Algae, Fungi, Bryophytes, Pteridophytes and Higher Plants).
- Molecular Plant Stress Physiology, Climatic Changes and Crop Productivity.
- Plant Biotechnology, Plant Tissue Culture, Plant Molecular Biology and Genetic Engineering.
- Mycorrhiza and its applications.
- Plant Developmental and Functional Biology.
- Algal Physiology and Biochemistry
- Plant-Microbe Interaction and Plant Cell Signaling.
- Plant Histochemistry and Phytochemistry.
- Bio-prospecting.

Training of competent human resources for teaching and research and strengthening of facilities for Botany education. Documentation of Biodiversity (Algae, Fungi, Bryophytes, Pteridophytes and Higher Plants) from the State of Goa and Western Ghats. Maintenance of Plant Herbarium and Fungus Culture Collection. Development of Biotechnological expertise in areas of Plant Micropropagation, Bioremediation and Mycorrhizal Bioinoculants. Consultancy in the areas of eco-conservation and environmental management. Reputation in society as a proactive Department having close links with NGOs, industries, media and the government Departments. Novel AM fungal species have been identified and published from the State of Goa. Besides, the Department houses an AM fungal culture collection.

Achievements: -**Awards: PATENT AWARDED**

- **Dr. Aditi Naik & Prof. S. Krishnan** Granted Australian Innovation Patent for developing a method for treating cancer cells using anti-cancer treating plant extract (Patent application no: 2021104280) in May 2022. Term of Patent: Eight years from 18th July 2021.

Projects:

Project Investigator	Status	Title	Funding agency	Grant(Rs. in Lakhs)
Prof. B. F. Rodrigues	Ongoing	'Mangrove community zonation and biophysical characterization for coast of Goa'	ISRO	Rs. 6,69,000
Prof. B. F. Rodrigues	Ongoing	"Counting of Arbuscular Mycorrhizal fungal spores from a given suspension" (Consultancy)	M/s Microbial Farm Research and Consultancy, Pudukkottai, Tamil Nadu.	Rs. 4,720:00
Prof. B. F. Rodrigues	Ongoing	Consultancy to provide expertise and guidance for formulation of AM fungal inoculum – Phase I	Deejay Farms, Bengaluru	Rs. 30,000:00
Prof. B. F. Rodrigues	Ongoing	Consultancy to provide expertise and guidance for formulation of AM fungal inoculum – Phase II	Deejay Farms, Bengaluru	Rs. 30,000:00
Krishnan, S.	Ongoing	Histochemical and Biotechnological Characterization of High Value Medicinal Plants <i>Annona muricata</i> and <i>Rauvolfia verticillata</i> from the Western Ghats of India.	CSIR	Rs. 21,21,000
Krishnan, S.	Ongoing	Dye yielding plants of Goa and their potential use in biological and textile staining.	DSTE, Govt. of Goa	Rs. 7,50,000
Dr. Siddhi K. Jalmi	Ongoing	Elucidation of dual activity of siderophores in iron sequestration and salt tolerance	SERB-DST, Govt of India	Rs. 30,40,000

Dr. Siddhi K. Jalmi	Ongoing	Regulation of secondary metabolite biosynthesis in rice varieties of Goa	MHRD/UGC, Govt of India	Rs. 10,00,000
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Research Publications:

- Rodrigues, K. M. and B. F. Rodrigues (2022) Arbuscular Mycorrhizal (AM) Fungal Diversity from Coastal Dunes. In: Fungal diversity, ecology and control management (Eds. V. R. Rajpal et al.). Springer Natur e pp.311-323.
- Rodrigues, B. F. (2022) Diversity of arbuscular mycorrhizal fungi in mangrove ecosystem – A review. *J. Mycopathol. Res.*, 60 (2): 155-165.
- Rodrigues, B. F. (2022) Plant- arbuscular mycorrhizal fungal interaction: Insight into sustainable agroecosystems. *Kavaka*, 58(2): 1-4.
- Bukhari M. J. and B. F. Rodrigues (2022) Aging increases Arbuscular Mycorrhizal fungal diversity in iron ore mine sites. *Kavaka*, 58(3): 39-47.
- Sankrita Gaonkar and B. F. Rodrigues (2022) Seasonal variations in diversity of arbuscularmycorrhizal fungi in mangrove species of Indian East and the West coast. *Kavaka* 58(3): 21-28, doi:10.36460/Kavaka/58/3/2022/21-28.
- Srivastava, S.; da Silva, R.; Sharma, P.K. (2022) Impact of hypersalinity on two salt-stressed varieties of rice (*Oryza sativa*): A the comparative study . *Russian Journal of Plant Physiology*. 69(3).
- Srivastava, S.; Sharma, P.K (2022) Morpho-physiological and biochemical tolerance mechanisms in two varieties of *Oryza sativa* to salinity. *Russian Journal of Plant Physiology*. 69(2).
- Aditi Venkatesh Naik and Krishnan Sellappan. 2021. Volatile Oil Profiles of Aerial and Underground Plant Parts of *Annona muricata* L. (Annonaceae) Grown in Goa, India, *Journal of Essential Oil Bearing Plants*, 24:(4): 683-694 (30th September 2021), DOI: 10.1080/0972060X.2021.1981160, (Taylor & Francis Group), (Scopus Indexed) (Impact factor: 1.971)(Print ISSN: 0972-060X; Online ISSN: 0976-5026).
- Naik, A. V., Dessai, S. N., & Sellappan, K. (2021). Antitumour activity of *Annona muricata* L. leaf methanol extracts against Ehrlich Ascites Carcinoma and Dalton's Lymphoma Ascites mediated tumours in Swiss albino mice. *Libyan Journal of Medicine*, 16(1), 1846862.
- Naik, A. V., & Sellappan, K. (2021). Screening antioxidant activity by in-situ HPTLC-DPPH assay and in-vitro cytotoxic assessment of *Annona muricata* L. plant organ extracts on MCF-7 and SCC-40 cell lines. *Vegetos*, 1-10 (Impact Score: 0.47)
- Korgaonker, S.; Bhandari, Rupali (2021) Response of *Oryza sativa* L. to the interactive effect of drought and salicylic acid. *Journal of Stress Physiology & Biochemistry*. 17(3); 2021; 95-104.
- Bhandari R., Sharma P. K. (2021) Effect of UV-B radiation on physiological and biochemical changes in a freshwater cyanobacterium, *Scytonema hofmannii*. *Environmental and Experimental Biology*. 19: 89–96.
- Jalmi, S. K. (2020). Rhizosphere signaling nurturing phyto-microbiome niche. *Tropical Plant Research* 7(2): 522–528, 2020. DOI: 10.22271/tpr.2020.v7.i2.064

Ph.Ds:

Degrees Awarded: 03

Submitted: 04

Students on Roll: 27

Conference Presentations, Lectures, etc.

1. Korgaonker, Shravani; Bhandari, Rupali presented paper.: Salicylic acid: A phenolic antioxidant to mitigate drought stress in rice plants. Two Day International Conference on Biotechnological Innovations in Agriculture, Environment and Health (CBIAEH-2022). Dept. of Biotechnology, Karunya Institute of Technology and Sciences in association with Mahasarakham University, Thailand, De La Salle University Manila, Philippines and National Dong Hwa University, Taiwan. 24-25 Mar 2022.
2. Siddhi Jalmi delivered invited Talk in National Seminar on 'Plants and Fungi-Polyphasic Characterization and Bioprospection', organised by the Department of Botany, University of Jammu, from 25th -26th March 2022.
3. Siddhi Jalmi organized National webinar on Advances in Plant Science on 3rd and 4th February 2022 at Department of Botany, Goa University.

Department of Zoology

Faculty (Full-time):

- Nitin S. Sawant, Ph.D., Assistant Professor – Conservation Biology, Wildlife Biology, Herpetology, Biodiversity
- Minal Shirodkar Desai, Ph.D., Assistant Professor – Ornithology
- Avelyno D'Costa, Ph.D., Assistant Professor – Toxicology
- Shanti N. Dessai, Ph.D., Assistant Professor – Animal Physiology, Animal Cell
- Gandhita Kundaikar, M. Sc, MH-SET, Assistant Professor – Aquaculture
- Shamshad Shaikh, Ph.D., Assistant Professor – Animal Physiology, Nanotoxicity

Major Thrust Areas and Achievements:

Thrust Areas:

Tissue culture, Electrophysiology, Animal Physiology, Animal cell culture, Lipid Biochemistry, Human Genetics, Wetland biology, Ecology, Herpetology, Ornithology, Neurophysiology, Toxicology, Genotoxicology, and Nanotoxicology, Nanotechnology, Environmental Biology and Biodiversity, Aquaculture, Nutrigenomics, wild-life Biology, Conservation Biology

Projects:

Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Nitin S. Sawant	Completed in 2022	Development of Butterfly Gardens at Government College	Directorate of Higher Education, Government of Goa	Rs. 8,45,855.00

		Pernem and Sankhalim		
Nitin S. Sawant	Ongoing	Preparation of Management Plan for Mhadei Wildlife Sanctuary.	Goa Forest Department, Government of Goa	Rs. 4,95,000.00
Nitin S. Sawant	Ongoing (Jan. 2019 – Jan. 2023)	Diversity of Herpe to fauna of Goa, Maharashtra and Karnataka	Ministry of Environment, Forest and Climate Change, Government of India, New Delhi	Rs. 50,20,504.00
Nitin S. Sawant	Ongoing 01 year	Conservation and management of intertidal mudflats along the coastline of Goa, India	GFDC (Research Division), Goa Forest Department	Rs. 3,00,000.00
Nitin S. Sawant	Ongoing 01 year	Study of faunal Diversity of Cotigao and Netravali Wildlife Sanctuary, Goa Forest Department, Government of Goa.	Goa Forest Department, Wildlife Division	Rs. 4,99,000.00
Nitin S. Sawant	Ongoing 01 year	Faunal Assessment of Goa University Campus	Goa University	Rs. 1,30,000.00
Nitin S. Sawant	Ongoing	Impact of Climate Change of Ichthyofauna	Goa State Biodiversity Board	Rs. 3,00,000.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
National Seminars on “Life & Life Processes: Integrated Approach for Sustainable Development”	19 th -21 st July 2021	Goa University
Workshop on " Wildlife conservation in India and career in wildlife"	19 th November 2021	Goa University
Invited lecture series in Zoology (Virtual mode)	23 rd to 24 th March 2022	Goa University
One Day Workshop on the occasion of	11 th April 2022	Goa University

“Snake Awareness Day”		
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Invited Talks:

Dr. Nitin S. Sawant

1. Invited to deliver lecture on “Mammals of Goa” at Home Science College on 9th December 2021.
2. Invited to deliver talk on Snake diversity and conservation on the occasion of Azadi Ka Amrit Mahotsav (Celebrating the 75th Year of Independence) organize jointly by the office of PSA and Ministry of Culture, GoI in association with Vigyan Prasar, The Festival of Science & Technology “Vigyan Sarvatra Pujyate” from February 22-28, 2022 with the Goa University as one of the hosting partners.
3. Vidnyan Parishad Goa, visited **Prushotham Walawlekar Higher Secondary School** and **Dattaram Mantravadi High school** on 19-3-2022 and delivering a talk to the students.
4. Invited to deliver talk on Environment under IIC at Dhempe College of Art’s and Science, Miramar on 22nd April 2022.
5. Delivered Keynote address at the International Short Term Training Programme on Impact and Panacea of Environmental Pollution: The Past , Present and Future (ICMSDC 2022) organised by Raj Rishi Govt. Autonomous College Alwar, Rajasthan, India Under the auspices of xcellence from 20th to 26th April 2022.
6. Delivered Keynote address at the International Conference on Multidisciplinary Approach Towards sustainable development and climate change for a viable future (ICMSDC 2022) organised by Raj Rishi Govt. Autonomous College Alwar, Rajasthan, India Under the auspices of Rastruya Uchchar Shiksha Abhiyan from 12th to 14th August 2022.

Dr. Avelyno D’Costa

1. Delivered a talk on research opportunities in Zoology, for Zoology students of Government college of Arts Science and Commerce, Sanquelim Goa on 29th April 2022

Dr. Shanti Dessai

1. Invited talk on “Brain Talks”, at Government College of Arts, Science and Commerce, Quepem for “Goa Science Lecture series 2022, Organized by State Higher Education Council, Directorate of Higher Education, Goa in association with Science Colleges in Goa, on 14th March 2022

Conference presentation:

1. Shaikh Shamshad M & Desai P. V, Magnesium oxide nanoparticles effect on the brain of Swiss albino mice “*Mus musculus*”, at National seminar on life and life processes: Interdisciplinary Approach for Sustainable Development, 19th to 21st July 2021

Research publications:

- Desai, B. S. P., D'Costa, A., Kumar, M. P., & Shyama, S. K. (2021). Diet of Leopards *Panthera pardus fusca* inhabiting protected areas and human-dominated landscapes in Goa, India. *Journal of Threatened Taxa*, 13(9), 19239-19245.
- D'Costa, A. H. (2022). Microplastics in decapod crustaceans: Accumulation, toxicity and impacts, a review. *Science of The Total Environment*, 832: 154963.

Book chapter: Nil

Ph.Ds:

Degree Awarded: 01

NET /SET Mentoring:

Dr. Shanti N. Dessai, Dr. Avelyno D'Costa and Ms. Gandhita Kundaikar, were Mentors for aspirants for National Eligibility Test (NET) and State Eligibility Test (SET) at Goa University.

Other activities:

1. Sports week organised by Zoology discipline 18th to 22nd April 2022

Department of Biotechnology

Faculty (Full-time):

- **Kerkar, Savita Ph.D.**, Senior Professor - Biodiversity & bioprospecting of bioactive compounds from salt pan bacteria. Probiotics & Bioremediation of metals using hypersaline aerobic/anaerobic bacteria.
- **Muraleedharan, Usha D. Ph.D.**, Professor – Biochemistry, Enzymology, Biological Oceanographic Processes, Algal biofuels. (Superannuated in January 2022)
- **Ghadi, Sanjeev C. Ph.D.**, Professor - Applied Enzymology, Genetics and Molecular Biology, Bioinformatics
- **Samant, Sanika Darshan Ph.D.**, Assistant Professor, Bioremediation and Bioprospecting and nanomaterial studies.
- **Tiwari, Dharmendra Kumar Ph.D.**, UGC-Assistant Professor-Biosensor development, Biomaterials, Nanomaterials for biological applications, fluorescent protein engineering and Light microscopy.
- **Prabhu, Meghanath Shambhu Ph.D.**, Assistant Professor-Marine-Algae Biotechnology, Environmental Biotechnology, Fermentation Biotechnology.

Sustainable Development.

- **Mapari, Dviti Dayanand M.Sc.**, Assistant Professor-Microbial physiology, Industrial Microbiology, Agricultural Microbiology, and Immunology.

Contractual Faculty

- **Snesha Bhomkar M.Sc.**, Assistant Professor- Biotechnology Microbiology, Oceanography, Marine Microbiology.

Major Thrust Areas and Achievements:

Thrust Areas:

- Cloning of Agarase and other poly saccharide degrading enzymes and therapeutic potential of oligosaccharides.
- Endophytic bacteria from insectivorous plants and bioprospecting Marine Viruses.
- Genomics and metagenomics studies of microorganisms from marine ecosystems
- Xylanases, Cellulases, amylases, lipases and proteases of potential importance from marine microorganisms.
- Biodiversity & Ecology of hyper saline bacteria, Sulphur oxidizers & reducers, Bioremediation of heavy metals, Bioactive metabolites from marine bacteria.
- Seaweed biorefinery concept and fermentation technology for sustainable use of marine macroalgae.
- Biosensor development, Nanomaterials for biological applications, fluorescent protein engineering.

Achievements:

- Awards: Prof. Savita Kerkar received “A state Teacher Award for Excellence in Higher education” for the academic year 2019-2020, on 20th December 2021 from DHE-Goa.
- Miss Deepti Rane, Prof. Savita Kerkar, Dr. Meenal Kowshik, Dr. Suttappa Ramanan, got 1st prize in poster presentation rapid annumeration of SRB in environmental category in INEEBA, 2021, Indo-South Korea international conference.
- Mr. Frazer Silveira, M.Sc. Biotechnology student, received 2nd place in SHOT-PUT at state athletic championship organized by the SAG.

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs.in Lakhs)
Dr. Dhermendra Tiwari	Ongoing	Photodynamic therapy using viruses like nanoparticles (VLNP) based BRET nano-photosensitizer for non-invasive cancer treatment.	DBT-India	88.00 Lakh

Prof. Savita Kerkar	Ongoing	Bioprospecting of Goan saltpans to identify indigenous pigment producing bacteria suitable for food & pharmaceutical application	DBT Project	43.97 Lakh
Prof. S.C. Ghadi	Ongoing	Bioprospecting for active biological oligosaccharides produced from marine polysaccharides by bacterial CAZymes	DBT Project	65.50 Lakh

Post-Doctoral Projects and fellowships:

Project Investigator	Status	Title	Funding agency	Grant (Rs.in Lakhs)
Dr. Manisha Tiwari (Mentor- Prof. Savita Kerkar)	Ongoing	Development of ultrasensitive luminescent paper biosensor for quantification of cadmium and arsenic heavy metal contamination in drinking water and sea food	DBT-Biocare	42.25853/-
Dr. Moitreyi Das (Mentor- Prof. Savita Kerkar)	Ongoing	Screening and characterization of metabolites effective for neuroprotection against depression, produced by hypersaline bacteria from the salt pans of Goa, India	UGC (DSK-Pdf)	23.70720/-
Dr. Vikash Kumar (Mentor- Prof. Savita Kerkar)	Ongoing	Unraveling the epigenetic regulation of diazocyte development in the marine cyanobacterium <i>Trichodesmium</i> . Total Fellowship received in financial year 2022-23	DBT-RA	7. 04240/-

Visiting Scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Mansoor Bhutt	Private consultant, Aquaculture	Aquaculture Technology	January to May 2022
Venkatesh Charloo	Barracuda Diving	Scuba Diving	January- May 2022

Research Publications:

Articles in journals

1. Fernandes S., Kerkar S. Dcosta A., Costa M., Mishra A., Shama S K. and Das K R. Immunostimulatory effect and toxicology studies of saltpan bacteria as probiotics to combat shrimp disease in aquaculture. *Fish and shell fish immunology*. 113, 69-78.
2. Naik Samant S.Furtado IJ, Biomineralization of Fe^{3+} to nanosized rFe_2O_3 by *Halofaax alexdrinos* GUSF-1 *Geomicrobiology J*. doi.org/10.1080/01490451.2021.1954730.
3. Prajakta Patil, Meghanath Prabhu, Srikanth Mutnuri; A novel and sustainable approach for biotransformation of phosphogypsum to calcium carbonate using urease producing *lysini bacillus sphacicus* strain GUMP2 August 2021, 9-14. *Environmental Technology*.
4. DK Tiwari, G Jha, M Tiwari, S Kerkar, S Das, VV Gobre. 2021. Synergistic antibacterial potential and cell surface topology study of carbon nanodots and tetracycline against *E. coli*. *Frontiers in Bioengineering and Biotechnology*, 739.
5. Published Review paper entitled: Microbial agents against chili plant pathogens over synthetic pesticides: a review by Mansi Pawaskar and Prof. Savita Kerkar on 7th October 2021 in processing of the Indian National Science Academic by Springer.
6. Naik MM, Naik –Samant,S, Salkar K, Manerikar V(2021) *L.monocytognrs* strain BN3 responds to acyl homoserine lactone(AHL) by expression of HLYA & gene responsible for biofilm (SRTA) *J of microbiology, biotechnology and food sciences* . 11(3) doi.org/10.15414/jmbfs.1846.
7. Optically assisted thermophoretic reversible assembly of colloidal particle and *E.coli* using graphene oxide microcrystal 12,(1) 1-13,2022 . *Scientific Reports*, 739 (Dr. D.T.)
8. Effect of transformation of metallic nanoparticles in the environment I and its toxicity on the aquatic and terrestrial life form free radical biology & environmental toxicity 43-71,2022 (Dr. D.K. Tiwari)
9. JP Joby, S Das, P Pinapati, B Rogez, G Baffou, DK Tiwari (2021). Optically-assisted thermophoretic reversible assembly of colloidal particles and *E. coli* using graphene oxide microstructures. *Scientific Reports* 12 (1), 3657.
10. S Das, DK Tiwari. (2021). Reactive Oxygen Species Producing Photoactivatable Molecules and Their Biological Applications. *Free Radical Biology and Environmental Toxicity*, 21-41.
11. S Das, D Ghosh, K Kerkar, M Tiwari, DK Tiwari. (2021). Effects of the Transformation of Metallic Nanoparticles in the Environment and Its Toxicity on Aquatic and Terrestrial Life Forms. *Free Radical Biology and Environmental Toxicity*, 43-71
12. P Poduval, DK Tiwari. (2021). Marine Polysaccharide Degrading Bacteria-A Source of Nutraceuticals. *Journal of Water Resources and Ocean Science* 11 (3), 48-53.
13. S Das, DK Tiwari. (2021). Biogenic Synthesis of Nanomaterials Toward Environment-Friendly Approach. *Microbial Products for Health, Environment and Agriculture*, 121-151.
14. K Kerkar, M Tiwari, DK Tiwari, S Kerkar. (2021). Industrial Scale Production of Important Therapeutic Proteins Using Bacterial Expression System. *Microbial Products for Health, Environment and Agriculture*, 183-202.

15. Kazir, M.; Gurevich, D.; Groobman, A.; Prabhu, M.S.; Israel, A.; Golberg, A.; Livney, Y.D.2021. Physicochemical, rheological and digestibility characterization of starch extracted from the marine green macroalga *Ulva ohnoi*. *Food Hydrocolloids*. 120. 106892. <https://doi.org/10.1016/j.foodhyd.2021.106892>. IF: 11.5.

Ph.Ds:

Degrees Awarded: 03

Submitted: NIL

Students on Roll: 29

Conference, Presentations, Lectures, etc.:

Programme	Date	Major Sponsors
Webinar on Photosynthesis for the students of the Vigyan Jyoti project (Phase –II) of JNV Canacona-Goa (Ms. Dviti Mapari)	30/7/2021	NA
Virtual workshop on “ Zotero Reference Manager software” (Dr. Meghanath Prabhu)	30/10/2021	Goa University
Organizing team for the Vigyan Sarvatra Festival of Scope (Sciences& Technology communication Popularization & its extension) for all (Ms. Dviti Mapari)	22-28 th February 2022	Goa University
Ms. Dviti Mapari presented invited guest lecture on “Carrier counseling in Microbiology” at PES RSN college of Arts and Science Farmagudi Goa on	12th March 2022	NA

Department of Microbiology

Faculty

Full-time

- **Garg, Sandeep, Ph.D., Professor and Head** – Industrial & Medical Microbiology, Microbial Technology, Marine microbiology, Industrial Fermentation, Marine Technology, Fungal Fermentation, biofertilizers, Agriculture microbiology, Immunology, Ectomycorrhizal fungi, Biopolymers
- **Charya, Lakshangy S., Ph.D., Assistant Professor** – Microbial Biochemistry, Environmental Microbiology, Bioremediation, Ectomycorrhizal fungi
- **Naik, Milind M., Ph.D., Assistant Professor** – Environmental Microbiology, Molecular Biology, Microbial genetics, Marine Microbiology.
- **Noronha, Judith M., M.Sc., Assistant Professor**-Aquatic Virology, Cyanophages and microalgal viruses, Microbial ecology of rice field ecosystems
- **Salgaonkar, Bhakti B., Ph.D., Assistant Professor** – Halophilic Archaea; Extremophilic Microorganisms and their Bioprospecting, Biopolymers, Extremozymes, etc.

- **Asolkar, Trupti, S., Ph.D., Assistant Professor**-Molecular Biology, Biocontrol agents, Plant-Microbe Interactions
- **Gawade, Lata, Ph.D., Assistant Professor** – Microbial carbon pump & Climate change impact, Biogeochemistry, Microbial Ecology, Marine microbiology, Science outreach - science for society

Major Thrust Areas and Achievements:

(a) Thrust Areas:

- Microbial diversity of coastal, Marine and Extreme Ecosystems
- Microbial Genomics and metagenomics for bioprospecting of industrially important enzymes
- Molecular and biochemical mechanisms of heavy metal resistant microorganisms
- Nanobiotechnology and quorum quenching using natural compounds
- Microbial remediation of heavy metals, organometals, organic aliphatic and aromatic pollutants.
- Bioprospecting and process development for enzymes, bioplastics, exopolysaccharides, bioactive compounds and pigments.
- Microbial inoculants for application in crop cultivation and eco-restoration of forest
- Molecular tools for the detection and characterization of plant, fish, insect, animal and human pathogens
- Interaction between bacteria and phytoplankton , diatom diversity, biofilms
- Agriculture microbiology, ectomycorrhizae, Halophilic yeast, archaea, fungi and bacteria
- Microbes in biogeochemical cycling and marine biofarming.

(b) Achievements/ Honors

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Dr. Lata Gawade	Completed	MariSustain: “Marine Farming - Opportunity towards entrepreneurship, self-employment, and sustainable rural development”	Indo-German Science & Technology Centre- Govt. of India Sanction order: IGSTC/Worksho p2021/ Mari-Sustain /43/2021-22	46.61743/-

Bhakti Balkrishna Salgaonkar	Ongoing	Development of a fish feed product prototype using prebiotics and vitamins supplement, from non-pathogenic, gut-friendly halophilic archaea	SERB DST SRG	28.11101/-
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Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
National Webinar on “Technological Advances in Applied Microbiology” (Organizing Secretary: Dr. Lakshnag Charya)	10 th to 12 th November, 2021	Nil
Online lecture on “ Introduction to Microbial Genome Sequencing: Technique and Applications” as a part of lecture series in celebration of Azadi ka Amrit Mahotsav, by Dr. Swapnil Doijad, Research Associate, Institute of Medical Microbiology, German Centre of Infection Research, Justus-Liebig University, Germany (Organizing Secretary: Dr. Trupti Asolkar)	26th February, 2022	Nil
Online lecture on ”Evaluation of Plant Growth promoting Rhizobacteria and influence of Rhizodeposition on the tea Rhizosphere microbiome of Darjeeling India” by Dr. Abhrajyothi Ghosh, Associate professor Biochemistry, Bose Institute Kolkata (Organizing Secretary: Dr. Milind Naik)	15 th January 2022	Nil

Research Publications:

Articles in journals (* Impact Factor/ Cite Score Journals)

- V Venkataramana, VVSS Sarma, **Lata Gawade**, Alavala Matta Reddy. 202. Magnitude of river discharge determines the food habit and community composition of zooplankton in the Indian estuaries during monsoon. *Estuarine, Coastal and Shelf Science*. 262,107601. (**IF=3.229; Cite Score of Journal: 5.3**)
- V Venkataramana, RK Mishra, P Sabu, N Anilkumar, A Sarkar, RK Naik, **Lata Gawade**. 2021. Stratification governs the plankton community structure and trophic interaction in the Southwestern tropical Indian Ocean during boreal summer. *Regional Studies in Marine Science*. 48, 101987. (**IF= 2.166; Cite Score of Journal: 2.3**)
- **Judith M. Noronha**, Manguesh U. Gauns and Sanjeev C. Ghadi. 2022. Isolation of a Novel Cyanophage Infecting Potentially Bloom-forming *Limnithrix* sp. *Limnologia*, 93:125961. (doi: 10.1016/j.limno.2022.125961) (**Impact factor: 2.093**)

- Kadam, H., Salkar, K., Naik, AP., **Milind Mohan Naik**, Salgaonkar, LN., **Lakshangy Charya**, Pinto, KC., Mandrekar, VK., Vaz, T. 2021. Silica supported synthesis and quorum quenching ability of isoxazolones against both Gram positive and Gram negative bacterial pathogens. *Chemistry Select* 2021, 6, 11718– 11728. **(Impact factor: 2.307)**
- Ramesh, R., D’Souza, M., **Trupti Asolkar**, Achari, G., & Gupta, M. J. (2022). Rootstocks for the Management of Bacterial Wilt in Eggplant (*Solanum melongena* L.) and Tomato (*Solanum lycopersicum* L.) in the Coastal Regions of India. *Advances in Agriculture*, Article ID 8594080. **(Impact factor: -)**
- **Milind Mohan Naik**, Naik, S., Salkar, K., Manerikar, V., 2021. *Listeria monocytogenes* strain BN3 responds to acyl homoserine lactone by expression of virulence gene (hlyA) and gene responsible for biofilm (srtA). *J of Microbiology, Biotechnology and Food Sciences.* : 11 (3): e1846.
- Shet, S. and **Sandeep Garg**, 2022. Plant growth promotion of *Vigna unguiculata* in arid sandy soil using bacterial species from coastal sand dunes. *Agricultural research* (online release). doi: 10.1007/s40003-022-00613-y. **(Impact factor: 0.991)**
- Gaonkar, S. K., &**Irene Furtado**, (2022). Biorefinery-Fermentation of Agro-Wastes by *Haloferax lucentensis* GUBF-2 MG076878 to Haloextremozymes for use as Biofertilizer and Biosynthesizer of AgNPs. *Waste and Biomass Valorization*, 13(2), 1117-1133. **(Impact factor: 3.449)**
- Alvares, J. J., &**Irene Furtado** (2021). Anti-*Pseudomonas aeruginosa* biofilm activity of tellurium nanorods biosynthesized by cell lysate of *Haloferax alexandrinus* GUSF-1 (KF796625). *BioMetals*, 34(5), 1007-1016. **(Impact factor: 2.949)**
- Alvares, J. J., & **Irene Furtado** (2021). Kinetics of DPPH• scavenging by bacterioruberin from *Haloferax alexandrinus* GUSF-1 (KF796625). *Journal of Analytical Science and Technology*, 12(1), 1-11. **(Impact factor: 3.568)**
- Alvares, J. J., &**Irene Furtado** (2022). Conversion of selenite by *Haloferax alexandrinus* GUSF-1 (KF796625) to pentagonal selenium nanoforms which in vitro modulates the formation of calcium oxalate crystals. *Journal of Applied Microbiology*, 132(3), 1900-1913. **(Impact factor: 4.061)**
- Malik, A. D., & Furtado, I. J. (2022). Isolation of *Halomicroarcula pellucida* strain GUMF5, an archaeon from the Dead Sea-Israel possessing cellulase. *3 Biotech*, 12(1), 26. **(Impact factor: 2.893)**

Book Chapters: NIL

Ph.Ds

Degrees Awarded: 05

Submitted: 01

Students on roll: 12

Sr. No.	Name of Student	Titles of Thesis	Date of Viva/Degree	Guide
1	Mr. Pankaj Dilip Parab	Xylanolytic enzymes from marine bacteria and their application in paper and pulp industry”	13 th January 2022	Dr. Rakhee Khandeparker
2	Ms. Ujwala Arun Amberkar	Spatio-Temporal variation in gene expression linking denitrification process of nitrogen cycle in the oxygen minimum zone of Arabian Sea	06 th May, 2022	Dr. Rakhee Khandeparker
3	Ms. Sajiya Mujawar	Biological Characterization of Arsenite Oxidizing Bacteria from Terrestrial Ecniches of Goa	19 th October, 2021	Dr. S.M. Singh
4	Mr. Sanket K. Gaonkar	Haloextremozymes protease and lipase simultaneous from marine Haloarchaea.	25 th October 2021	Prof. Irene Furtado
5	Ms. Alisha D. Malik	Degradation of Plant Polymers by Cellulase and Xylanase Haloextremozymes from Marine Haloarchaea	2 nd December 2021	Prof. Irene Furtado

Conference Presentations, Lectures, etc.

A] Invited/ contributory Lectures

- **Dr. Lata Gawade** delivered a talk at Shree Navdurga Vidyalaya school at Madkai Village on the occasion of National Science Day 2022 on 28th February 2022.
- **Dr. Lata Gawade** was invited as a resource person and delivered a talk on ‘Awareness on Marine Farming’ at state level webinar for SBSI coordinators and SBSI mentors organized by Swacch Bharat Student Internship Unit of P.E. S’s R.S.N. College of Arts and Science, on 10th February 2022.
- **Dr. Lata Gawade** was invited as a resource person and delivered a talk on ‘Marine Farming’ at Goa University organized by Goa University Teachers Association (GUTA) Cue club- Monthly lecture series, on 29th October 2021.
- **Dr. Lata Gawade** was invited as a resource person and delivered a talk on ‘Marine farming- An opportunity for clam reclamation and self-employment’ during the awareness

program on fisheries resources of estuaries and management organized by Biodiversity management committee, Curti Ponda - Goa, on 24th September 2021

- **Dr. Milind M Naik**, delivered a lecture at on “Microbial technology for sustainable future” at Ganpat Parsekar college of education, Harnal Pernem Goa on 10th March 2022.
- **Dr. Milind M Naik**, delivered a lecture on “Expression vectors” for students of M.Sc. Microbiology of the Dept. of Microbiology, P.E.S.’s R.S.N College of Arts and Science, Farmagudi Ponda-Goa on 22nd March 2021.
- **Dr. Judith Noronha** delivered a lecture on “Biological warfare: a curse for the human race” for the students of M.Sc. Microbiology, Goa University, on the occasion of International Day of non-violence on 2nd October 2021.
- **Dr. Bhakti Salgaonkar** delivered a contributory lectures on “Plant Growth Promoting Hormones from Microbes”, for students of M.Sc. Microbiology of the Dept. of Microbiology, P.E.S.’s R.S.N College of Arts and Science, Farmagudi Ponda-Goa on 20th November, 2021.
- **Dr. Bhakti Salgaonkar** was invited as a resource person and delivered a lecture on “Microbes in Human Welfare”, for the Vigyan Jyoti Phase – II webinar, supported by Department of Science and Technology (DST), organized by the Jawahar Navodaya Vidyalaya (JNV), Canacona, South Goa on 10th July, 2021.
- **Dr. Bhakti Salgaonkar** delivered a lecture on “Microbial Bioplastics”, for the First, Second and Third year, Undergraduate students of the Department of Biotechnology, DCT’S, Dhempe College of Arts and Science, Miramar, Panaji Goa on 9th October, 2021.
- **Dr. Bhakti Salgaonkar** was invited as a resource person and delivered a lecture on “Agricultural Waste to Biodegradable Plastic by Extremophilic Microorganisms”, at the State Level Webinar organized by the Department of Microbiology, P.E.S.’s R.S.N College of Arts and Science on 30th October, 2021.
- **Dr. Bhakti Salgaonkar** delivered a lecture on “Bioprospecting of Halophilic Archaea from the Food Grade Iodised Crystal Salt from a Saltern of India”, at the Association for the Sciences of Limnology and Oceanography (ASLO’s) webinar series, “Amplifying Voices: ECRs Making Waves in Aquatic Sciences” on 09th December, 2021.
- **Dr. Trupti Asolkar** was invited as a resource person and delivered a lecture on “Molecular Basis of Inheritance”, for the Vigyan Jyoti Phase – II webinar, supported by Department of Science and Technology (DST) organized by the Jawahar Navodaya Vidyalaya (JNV), Canacona, South Goa on 24th July, 2021.

B) Oral Presentations at Conferences

- **Lata Gawade**, Tim Jennerjahn, Venkataramana Vankara. Variations in nature and sources of organic carbon and its impact on heterotrophic bacterial respiration rates in a tropical estuary- Mandovi, India. Oral presentation at Ocean Sciences conference (OSM-2022), Honolulu-Hawaii, USA. February 27th - March 4th, 2022.
- **Lata Gawade**, Venkataramana Vankara. Microbial carbon pump: Reservoir for ocean carbon- future prospects for carbon sequestration. Oral presentation at OSICON-2021, 7th National conference of the Ocean Society of India, organized by National Centre for Polar

and Ocean Research (NCPOR)-Goa and Ocean Society of India (OSI) during 12th -14th August 2021.

C] Workshops/ Training attended

- **Dr. Lata Gawade** attended a workshop on the “Blue economy and sustainable livelihood” organized by the German Centre for Research and Innovation (DWIH)- New Delhi -India with the German Maritime Museum / Leibniz Institute for Maritime History-Germany on 1st October 2021.
- **Dr. Trupti Asolkar** attended an one week online international workshop on biostatistics during 21st -27th November, 2021 organised by the Science Tech Institute, Lucknow, UP
- **Dr. Lakshangy Charya** participated in the Refresher Course in Life Sciences organized by University Grants Commission-Human Resource Development Centre (UGC-HRDC) Goa University from 11th January 2022 to 24th January 2022 and obtained “A+” grade
- **Dr. Bhakti Balkrishna Salgaonkar** participated in the Refresher Course in Life Sciences organized by University Grants Commission-Human Resource Development Centre (UGC-HRDC) Goa University from 11th January 2022 to 24th January 2022 and obtained “A+” grade

D] Student Development

- **Dr. Lata Gawade** is a mentor for Earth and Space Sciences at Mentoring 365 circles- USA.
- **Dr. Bhakti Salgaonkar**, Mentor for Mentoring Programme for UGC NET/CSIR NET/SET in Life Sciences organized by Directorate of Higher Education (DHE), Government of Goa.
- **Dr. Judith Noronha** mentored the aspirants for National Eligibility Test (NET) and State Eligibility Test (SET) at the Department of Microbiology, Goa University

2.7 SCHOOL OF PHYSICAL AND APPLIED SCIENCES (SPAS)



Programmes and Degrees:

Programme of Physics	(M.Sc., Ph.D.)
Programme of Mathematics	(M.Sc., Ph.D.)
Programme of Electronics	(B. Voc. M.Sc., Ph.D.)

Dean: Prof.Kaustubh R.S. Priolkar

Vice-Dean (Academic): Prof.Ramesh V. Pai

Vice-Dean (Research): Prof.Rajendra S. Gad

Faculty (*Full-time*):

- **Ramesh V. Pai, Ph.D.**, Professor –Theoretical Condensed Matter Physics.
- **Kaustubh R. S. Priolkar, Ph.D.**, Professor- Experimental Solid- State Physics- NEXAFS and EXAFS.
- **Rajendra S. Gad, Ph.D.**, Professor – Multivariate Signals & Systems and Computer Networks
- **Mailattu Kunhanandan, Ph.D.**, Assistant Professor – Functional Analysis, Combinatorics
- **Manvendra Tamba, Ph.D.**, Assistant Professor– Lie Algebra, Number Theory
- **Jivan S. Parab, Ph.D.**, Associate Professor– Embedded System Instrumentation, DSP, RTOS, HDL, Fiber optic sensors
- **Sudhir Cherukulappurath, Ph.D.**, Assistant Professor - Nonlinear Optics, Plasmonics, Nanophotonics
- **Rajeshkumar S. Hyam, Ph.D.**, Assistant Professor- Experimental Condensed Matter, Nanomaterial for Energy applications
- **Venkatesha R. Hathwar, Ph.D.**, Assistant Professor - X-ray Diffraction, Chemical Physics and Quantum Crystallography, Crystal Engineering, Structural Materials Science
- **Bholanath Pahari, Ph.D.**, Assistant Professor (UGC-Faculty)- Matter Physics, NMR Spectroscopy

- **Reshma Raut Dessai, Ph.D.**, Assistant Professor - Neutron Scattering, Porous media, Condensed matter Physics, Glass, Ceramic
- **Jessica Fernandes e Pereira, Ph.D.**, Assistant Professor–GraphTheory.
- **Narayan T. Vetrekar, Ph.D.**, Assistant Professor – Pattern Recognition, Biometrics, Multi-spectral Imaging, Machine Learning, Image Processing
- **Pranav Naik, Ph.D.**, Assistant Professor- Nano material synthesis, Magnetism, Electrical properties, Radiation effect.
- **Prabhakar Palni, Ph.D.**, Assistant Professor- Experimental High Energy Physics and Nuclear Physics
- **Elaine T.Dias, Ph.D.**, Assistant Professor-Experimental Condensed Matter Physics
- **Bhargav K. Alavani, Ph.D.**, Assistant Professor –Theoretical Condensed Matter Physics and Computational Physics
- **Pallavi P.Gaude, M.Sc.**,Assistant Professor-Theoretical Condensed Matter Physics
- **Brandon Fernandes, M. Sc.**, Assistant Professor- Lie Algebra, Linear Algebra
- **Marlon Sequeira, Ph.D.**, Assistant Professor– Embedded systems, Biomedical Instrumentation, FPGA.
- **Aniketh A. Gaonkar, Ph. D.**,Assistant Professor- Biometrics, Machine Learning, Image Processing, Robotics

Thrust Areas:

The School of Physical and Applied Sciences is a result of the amalgamation of three correlated disciplines, physics, mathematics, and electronics. The major thrust area of the Physics discipline has been *condensed matter physics and materials science*. It is an extremely active, dynamic field of research and is the largest subfield of modern physics. At the fundamental level, condensed matter physics is intellectually stimulating due to the continuing discoveries of many new phenomena and the development of new concepts and tools that are necessary to understand them. It is the field in which advances, in theory, can most directly be confronted with experiments. Faculties/researchers of the Physics discipline conduct investigations (experiments and theory) in many areas of hard/soft condensed matter physics that include:

- High-temperature super conductivity
- Strong correlations
- Amorphous and porous materials
- Quantum magnetism
- Shapememory alloys
- Bose-Einstein condensates
- Nano structures for solar cells,SERS,and photo catalysis application
- Low-dimensional physics
- Energy storage materials
- Synthesis of new quantum materials
- Multi functional optical spectroscopy of condensed matter systems
- Plasmonic nanomaterials

- Optical trapping
- Photoluminescence materials
- Graphane-based materials
- Ferrites
- Quantum crystallography
- Spintronics
- Nanomaterials for biomedical applications

Another area that is developing as a thrust area is high energy physics and nuclear physics. The goal of this branch of physics is the understanding of the elementary particles that are the fundamental constituents of matter. Under the umbrella of Electron-Ion Collider (EIC) – India collaboration one of our faculties is engaged in Software development and Silicon tracking detector development for the EIC coming up at the Brookhaven National Laboratory, USA. Recently, *Biophysics* and *Computational Physics* have been included as new thrust areas of the physics discipline. Biophysics applies the principle of physics to understand the mechanisms of biological systems, whereas, computational physics employs methods of mathematical analysis to explore the consequences of basic theories of physics.

The major thrust areas of the mathematics discipline since its inception have been diverse. Broadly in the area of Functional Analysis and Applications, the major thrust areas have been operator theory, inverse and Ill-posed problems and methods of mathematical physics, probability theory, and applications of operator algebras. In the area of differential equations, the major contributions have been to the study of ordinary and delay differential equations and problems related to the study of the stability of solutions to certain classes of Partial Differential Equations. In the area of topology, the major domain of study has been problems in the field of Knot Theory. In the areas related to algebra and discrete Mathematics, the thrust areas have been Kac-Moody Lie Algebras and Number Theoretic Identities, Graph Theory, and Fibonacci type sequences. Currently, the research interests of the mathematics discipline are:

- Structure of standard modules of certain Affine Lie algebras and Roger's-Ramanujan type theorems
- Study of Fibonacci type numbers
- Study of aspects of non-commutative Geometry in C^* -Algebras
- Studies in Graceful Labeling of Graphs and its Variations.

On the other hand, faculties/ researchers in the electronic discipline employ imaging spectroscopy and machine learning approaches for the development of

- Bio-medical and Agro-electronics
- IoT Smart Sensor
- Machine Learning
- Digital Signal Processing
- Image Processing
- Networks

Projects:

Project Investigator	Status	Title	Funding agency	Grant(Rs. in Lakhs)
VenkateshHathwar	Aug.2019-July2021	UGCStartup Grants	UGC	10.00
Bholanath Pahari	Ongoing	CRS Project (UGC-DAE CSR)	UGC	0.45
Reshma Raut Dessai	Ongoing	CRS Project (UGC-DAE CSR)	UGC	0.45
Sudhir Cherukulapurath	Ongoing	CRS Project (UGC-DAE CSR)	UGC	0.45
VenkateshHathwar	Ongoing	CRS Project (UGC-DAE CSR)	UGC	0.45

Visiting Scholars:

Name of the scholar	Institution	Title of Lecture	Date
Mr. Saish Amonkar	Intel	Life cycle of Chip design	19 th April 2022
Roshan Naik	Nanyang Technological University, Singapore	Targeting gene promoter for treatment of anxiety and major depressive disorders	19 th August 2021

Seminars, Conferences, Workshops etc. organized:

Programme	Date	Major sponsors
Webinar series on “Advances in Condensed Matter Physics and Material Science”	29th September to 30th September 2021	-
School of Physical and Applied Sciences, Goa University and School of Physical Sciences, IIT Goa, jointly organized the first conference on Hot QCD Matter -	2022 at Goa University 12 th -14 th May, 2022.	IIT GOA
the “27th International Conference of the International Academy of Physical Sciences on Graph Theory and Applications” (CONIAPS-XXVII-GTA-2021) on “Graph Theory and Applications (GTA)” October 26th -28th, 2021.	26-10-2021 to 28-10-2021	Goa University
Lecture series on Algebraic and Topological structures of operators on Hilbert spaces under Prof. D.B. Wagh Endowment Lecture-2022	25 th Apr 2022	Goa University

Research Publications:

Articles in journals (*Impact Factor/ Cite Score Journals)

1. Parab, J., Sequeira M., Lanjewar M., Pinto C., Naik G., (2021). Back propagation Neural Network- Based Machine Learning Model for Prediction of Blood Urea and Glucose in CKD Patients” IEEE J Transl Eng Health Med., 9
2. Lobo, J. Z., Valaulikar Y.S., (2021). Group Methods for first order Neural Differential Equations, Indian J. Maths 63(2) 263-282.
3. Lobo, J. Z., Valaulikar Y. S., (2021). Lie Group Analysis of the time-delayed Inviscid Burgers’ Equation, J. Indian Math Soc., 88(1-2) 105-124.
4. Lobo J. Z., Valaulikar, Y.S., (2021). Group Methods for second order delay Differential Equations, TWMS. J. applications and Eng. Maths 11(4) 1194-1206.
5. Structure and ionic conductivity of $\text{Na}_{(3+x)}\text{Sc}_{(2)}\text{Si}_{(x)}\text{P}_{(3-x)}\text{O}_{(12)}$ ($x=0.0, 0.2, 0.4, 0.8$) NASICON materials: A combined neutron diffraction, MAS NMR and impedance study Santhosh kumar, B.; Lokeswara Rao, P.; Ramanathan, K.V.; Bera, A.K.; Yusuf, S.M.; Hathwar, V.R.; Pahari, B. (Elsevier, 2021)
6. Strain glass versus antisite disorder induced ferromagnetic state in Fe doped Ni-Mn-In Heusler martensites Nevgi, R.; Priolkar, K.R.; Acet, M. (IOP Publishing Ltd, 2021)
7. Structural defects responsible for the strain glassy transition in $\text{Ni}_{(50+x)}\text{Ti}_{(50-x)}$ Nevgi, R.; Pollastri, S.; Aquilanti, G.; Priolkar, K.R. (American Physical Society, 2021)
8. Emerging computational challenges in cloud computing and RTEAH algorithm based solution Rao, G.S.; Panem, C.; Anuradha, T.; Gad, R.S. (Springer, 2021)
9. Randomly packed $\text{Ni}_{(2)}\text{MnIn}$ and NiMn structural units in off-stoichiometric $\text{Ni}_{(2)}\text{Mn}_{(2-y)}\text{In}_{(y)}$ alloys Nevgi, R.; Dias, E.T.; Priolkar, K.R. (American Physical Society, 2021)
10. Enhanced electrical and thermoelectric power properties of $\text{BaWO}_{(4)}/\text{CaWO}_{(4)}$ nanocomposites Patil, P.N.; UmaSubramanian; Hyam, R.S. (Springer, 2021)
11. Vertical traversal approach towards TSVs optimisation over multilayer network on chip (NoC) Panem, C.; Gad, R.S.; Kaushik, B. (Elsevier, 2021)
12. Induction of Nd^{3+} dependent ferromagnetic phase in $\text{In}_{(2)}\text{O}_{(3)}$ semiconductor nanoparticles prepared by combustion method Salkar, K.Y.; Tangsali, R.B.; Gad, R.S. (Elsevier, 2021)
13. Improved ionic conductivity of $\text{Na}_{(3+x)}\text{Sc}_{(x)}\text{Zr}_{(2-x)}\text{Si}_{(2)}\text{PO}_{12}$ ($x = 0.2, 0.3, 0.4, 0.5$) NASICON via optimized sintering conditions: Investigation of crystal structure, local atomic structure, and microstructure Santhoshkumar, B.; Khanna, D.L.R.; Choudhary, M.B.; LokeswaraRao, P.; Ramanathan, K.V.; Bera, A.K.; Yusuf, S.M.; Pahari, B. (Elsevier, 2021)
14. Development of Altera NIOS II soft-core system to predict total Hemoglobin using multivariate analysis Pinto, C.F.; Parab, J.S.; Sequeira, M.; Naik, G.M. (IOP Publishing, 2021)
15. Back-Propagation Neural Network (BP-NN) model for the detection of borer pest attack Prabhu, Y.; Parab, J.S.; Naik, G.M. (IOP Publishing, 2021)
16. Detection of artificially ripened banana using spectral signature from multi-spectral imaging Vetrekar, N.T.; Ramachandra, R.; Raja, K.B.; Gad, R.S.; Naik, A.; Prabhu, A. (AIP Publishing, 2021)
17. Associating high oxide-ion conductivity and conduction mechanisms with local atomic environments in $\text{Na}_{0.5}\text{Bi}_{0.5-x}\text{Ti}_{1-y}\text{Mg}_y\text{O}_{3-\text{Delta}}$ Santhoshkumar, B.; Priolkar, K.R.; Pollastri, S.; de Souza, D.O.; Carlomagno, I.; Bera, A.K.; Yusuf, S.M.; Pahari, B. (ACS Publications, 2021)

18. Collaborative representation for visible to band gender classification using multi-spectral imaging: Extensive evaluations by exploring 22 photometric normalization methods Vetrekar, N.T.; Naik, A.; Gad, R.S. (Springer, 2021)
19. Group methods for second order delay differential equations Lobo, J.Z.; Valaulikar, Y.S. (Turkic World Mathematical Society, 2021)
20. Data Fusion in Depth Images: Application to Facial Biometrics Gaonkar, Aniketh A. (Goa University, 2021)
21. Local structural evolution in the anionic solid solution $Zn Se_{(x)}S_{(1-x)}$ Dan, T.; Mohanty, A.; Dutta, A.; Varma, R.M.; Sarkar, S.; Marco, I.D.; Eriksson, O.; Welter, E.; Pollastri, S.; Olivi, L.; Priolkar, K.R.; Sarma, D.D. (American Physical Society, 2021)
22. Kinetic arrest of the ferromagnetic state in $Mn_{(3)}GaC$ and $Ni_{(2)}MnGa$ composite mixtures Priolkar, K.R.; Nevgi, R.; Dias, E.T.; Nigam, A.K. (Nature Portfolio, 2021)
23. Role of Mn +2 ions in monitoring structural, optical, magnetic and electrical properties of manganese zinc ferrite nanoparticles Naik, P.P.; Hasolkar, S.S.; Keluskar, S.; Pissurlekar, V. (Springer, 2021)
24. Role of Mn +2 ions in monitoring structural, optical, magnetic and electrical properties of manganese zinc ferrite nanoparticles Naik, P.P.; Hasolkar, S.S.; Keluskar, S.; Pissurlekar, V. (Springer, 2021)
25. Backpropagation neural network-based machine learning model for prediction of blood urea and glucose in CKD patients Parab, J.S.; Sequeira, M.; Lanjewar, M.; Pinto, C.; Naik, G.M. (IEEE, 2021)
26. Influence of B-site Gd +3 substitution on various properties of Co-ferrite nanoparticles Salgaonkar, M.; Gad, R.S. (Springer, 2021)
27. Back-Propagation Neural Network (BP-NN) model for the detection of borer pest attack Prabhu, Y.; Parab, J.S.; Naik, G.M. (IOP Publishing, 2021)
28. Detection of artificially ripened banana using spectral signature from multi-spectral imaging Vetrekar, N.T.; Ramachandra, R.; Raja, K.B.; Gad, R.S.; Naik, A.; Prabhu, A. (AIP Publishing, 2021)
29. Associating high oxide-ion conductivity and conduction mechanisms with local atomic environments in $Na_{(0.5)} Bi_{(0.5-x)}Ti_{(1-y)}Mg_{(y)}O_{(3-\Delta)}$ Santhoshkumar, B.; Priolkar, K.R.; Pollastri, S.; de Souza, D.O.; Carlomagno, I.; Bera, A.K.; Yusuf, S.M.; Pahari, B. (ACS Publications, 2021)
30. Collaborative representation for visible to band gender classification using multi-spectral imaging: Extensive evaluations by exploring 22 photometric normalization methods Vetrekar, N.T.; Naik, A.; Gad, R.S. (Springer, 2021)
31. Group methods for second order delay differential equations Lobo, J.Z.; Valaulikar, Y.S. (Turkic World Mathematical Society, 2021)
32. Improving hemoglobin estimation accuracy through standardizing of light-emitting diode power, Pinto, C.F.; Parab, J.S.; Sequeira, M.; Naik, G.M. (Institute of Advanced Engineering and Science (IAES), 2022)
33. The relevance of experimental charge density analysis in unraveling noncovalent interactions in molecular crystals, Thomas, S.P.; Dikundwar, A.G.; Sarkar, S.; Pavan, M.S.; Pal, R.; Hathwar, V.R.; GuruRow, T.N. (MDPI, 2022)
34. Quantitative investigation of Halogen and Hydrogen bonding in 2-Chloro, 4-X-Benzoic acids Anil Kumar, G.N.; Hathwar, V.R. (Wiley, 2022)
35. Structural and magnetic properties evolution of $Cu_{2x}Cr_{2x}Zr_{2-2x}Se_4$ for $0.500 \leq x \leq 0.650$, Belakroum, K.; Bencheikh, R.; Mimouni, M.; Pahari, B.; Boukraa, A. (Elsevier, 2022)
36. Role of antisite disorder in the martensitic transition of $Ni_{2-x}Mn_{1+x}Ga$, Malik, S.V.; Dias, E.T.; Srihari, V.; Babu, P.D.; Priolkar, K.R. (Elsevier, 2022)

37. Antisite disorder and phase segregation in Mn₂NiSn, Malik, S.V.; Dias, E.T.; Nigam, A.K.; Priolkar, K.R. (IOP Publishing, 2022)
38. Optically-assisted thermophoretic reversible assembly of colloidal particles and E. coli using graphene oxide microstructures, Joby, J.P.; Das, S.; Pinapati, P.; Rogez, B.; Baffou, G.; Tiwari, D.K.; Sudhir, C. (Nature Publishing Group, 2022)
39. Convolutional Neural Networks based classifications of soil images, Lanjewar, M.; Gurav, O.L. (Springer, 2022)
40. Detection of tartrazine colored rice flour adulteration in turmeric from multi-spectral images on smartphone using convolutional neural network deployed on PaaS cloud, Lanjewar, M.; Parab, J.S.; Morajkar, P.P. (Springer, 2022)
41. Supramolecular synthon identification in azelaic acid - Isonicotinamide cocrystal by solid-state NMR, Reddy, Y.J.; Lokeswara Rao, P.; Pahari, B.; Tothadi, S.; Ramanathan, K.V. (Elsevier, 2022)
42. High Na⁺ conducting Na₃Zr₂Si₂PO₁₂/Na₂Si₂O₅ composites as solid electrolytes for Na⁺ batteries, Santhosh kumar, B.; Choudhary, M.B.; Bera, A.K.; Yusuf, S.M.; Ghosh, M.; Pahari, B. (The American Ceramic Society, 2022)
43. Microbubble generation and large-scale assembly of colloidal particles by graphene oxide microstructures, Pinapati, P.; Puthenveetil, J.J.; Sudhir, C. (IOP Publishing, 2022)
44. Cluster mean field plus density matrix renormalization theory for the Bose Hubbard models, Gaude, P.P.; Das, A.; Pai, R.V. (IOP Publishing, 2022)
45. CNN with machine learning approaches using Extra Trees Classifier and MRMR feature selection techniques to detect liver diseases on cloud, Lanjewar, M.; Parab, J.S.; Shaikh, A.Y.; Sequeira, M. (Springer, 2022)
46. Development of framework by combining CNN with KNN to detect Alzheimer & #39;s disease using MRI images, Lanjewar, M.; Parab, J.S.; Shaikh, A.Y. (Springer, 2022)
47. ATHENA detector proposal - a totally hermetic electron nucleus apparatus proposed for IP6 at the Electron-Ion Collider, Adam, J.; Adamczyk, L.; Agrawal, N.; Aidala, C.; Akers, W.; Palni, P.; et al. (IOP Publishing, 2022)
48. Cloud-based COVID-19 disease prediction system from X-Ray images using convolutional neural network on smartphone, Lanjewar, M.; Shaikh, A.Y.; Parab, J.S. (Springer, 2022)
49. Zinc stannate microcubes with an integrated microheater for low-temperature NO₂ detection, Joshi, N.; Long, H.; Naik, P.P.; Arvind Kumar; Mastelaro, V.R.; Oliveira, O.N.; Zettl, A.; Lin, L. (Royal Society of Chemistry, 2022)
50. Packing fraction induced phase separation in A-site doped antiperovskites, Gaonkar, V.N.; Dias, E.T.; Vedpathak, M.N.; Priolkar, K.R. (Elsevier, 2022)
51. Collaborative Representation With Hole Filling Techniques For Kinect RGBD Face Recognition, A. A. Gaonkar, N.T. Vetrekar, R.S. Gad (Int. J. of Biometrics, 2022)

Book Chapters

- Vetrekar N., Raghavendra R., Raja K., Gad R.S., (2021). 'Gender Classification under Eye glass Occluded Ocular Region: An Extensive Study Using Multi-Spectral Imaging'. In AI and Deep Learning in Biometric Security, CRC Press Taylor & Francis Group.
- Multifunctional plasmonic nanomaterials (Chapter 13) Sudhir, C. (Elsevier, 2021)

Ph.Ds

Degrees Awarded: 03

Submitted: 02

Students on roll: 42

Conference Presentations, Lectures, etc.:

1.	Reshma Raut Dessai	RRU 2023 Theme meeting on neutron Scattering: Delivered Oral presentation at DAE-BRNS Theme Meeting on “Strategic Planning for Enhanced Research Reactor Utilization” (RRU-2022) at Bhabha Atomic Research Centre, Mumbai May 6-7, 2022 Topic of talk “Probing Nanoporous Materials by Neutron Scattering”
2	Reshma Raut Dessai	Participated in online workshop on “Astronomical data analysis using Python” from 8 th November to 18 th December 2021 and successfully completed the course. The course was organized by Teaching Learning Centre of IUCAA Pune supported by the PMMMNMIT scheme of DOE, Government of India.
3	Reshma Raut Dessai	Resource person online lecture series on “ Insight of Instrumentation and characterization techniques” organized by Department of chemistry Khandola College on 17 th June 2021
4	Reshma Raut Dessai	Delivered talk on the topic “Introduction to X-ray powder diffraction and material characterization”.
5	Reshma Raut Dessai	Attended online Faculty development program on “Data Analytics for Basic and applied science” organized by School of Basic and Applied Sciences, Adamas University during 14 th -20 th June 2021.
6	Reshma Raut Dessai	Attended online workshop on “ Neutron scattering at Dhruva Reactor and prospects for the future organized by UGC DAE CSR Mumbai Centre on 24 th June 2021
7	Brandon Fernandes	A 4-Week Online Induction Training/orientation Programme For “FACULTY IN UNIVERSITIES /COLLEGES/ INSTITUTIONS OF HIGHER EDUCATION” from 17 September - 16 October 2021.
8	Brandon Fernandes	Participated in IP Awareness/Training program under the National Intellectual property awareness mission.
9	Venkatesha Rama Hathwar	Poster presentation on ‘Low-Temperature Structural Phase Transitions in Thermoelectric Tetrahedrite, $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$, and Tennantite, $\text{Cu}_{12}\text{As}_4\text{S}_{13}$: Resolving Super-lattice Structure using Synchrotron Data’ in the virtual conference of Interdisciplinary Topics in Materials Science (ITAM-2021) organized by IISc, JNCASR, CeNS, Bangalore during 27-30 July, 2021.
10	Venkatesha Rama Hathwar	Chairing a session in online at ‘CECAM Workshop on Quantum Crystallography’ during 9-12, Sept 2021
11	Venkatesha Rama Hathwar	Invited talk on ‘Resolving Superlattice Structural Phase Transitions in Thermoelectric Tetrahedrites using Synchrotron Data’ at 48 th National Seminar on Crystallography held at IIT Roorkee from 25-11-2021 to 27-11-2021.
12	Venkatesha Rama Hathwar	Resource person in the 4 th Refresher Course in Material Sciences: Recombinant Memetics held at the UGC-HRDC center, University of Calicut, Kerala on 15-12-2021. Talks are (i) X-Ray Diffraction: From Symmetry and Structure to Applications in Materials Science (ii) The latest developments in X-Ray Scattering Methods: Where are we now?

13	Bhargav K Alavani	Presented poster in “StatPhys-Kolkata XI” (online) conference organized by IISER Kolkata from 21-03-2022 to 25-03-2022.
14	Pallavi Gaude	Presented poster on “Cluster mean field plus density matrix renormalization theory for the Bose Hubbard model” in StatPhys Kolkata IX (online) jointly organized by Indian Institute of Science and Education and Research and S. N. Bose National Centre for Basic Sciences, Kolkata during March 21-25, 2022.
15	Jivan S. Parab	Presented on ‘ML based system to accurately detect the adulteration in Spices’ in International Conference on Innovations and Ideas Towards Patents (ICIIP-2021), on 30th October 2021.
16	Marlon Sequeira	Presented on ‘Non invasive device for glucose prediction in human blood using PPG’ in International Conference on Innovations and Ideas Towards Patents (ICIIP-2021), on 30th October 2021.
17	K. R. Priolkar	Non-ergodic Ground States in Martensites, Invited talk at Materials Science with Synchrotron Radiation Source Symposium held on 22nd October 2021 at UGC-DAE Consortium, Indore.
18	K. R. Priolkar	Local Structure Defects and the Non-ergodic Ground States in Martensites and Antiperovskites, Invited talk at XAS Journal Club from Europe and Asia-Oceania on October 26th 2021 (online)
19	K. R. Priolkar	Non-ergodic Ground States in Martensites, Invited talk at DAE Solid State Physics Symposium December 15-19, 2021, BARC, Mumbai.
20	K. R. Priolkar	Phase separation and modulated structures in Ni-Mn magnetic shape memory alloys, Invited talk at X-ray absorption spectroscopy at P64/65 current status and future perspectives at PETRA IV 25th January 2022 (online)
21	R. V. Pai	Resource Person, Institution's Innovation Council (IIC) Celebrates 75 years of India's achievements and innovations on the occasion of National Science Day 75 years of India's achievements and innovations in Agricultural Sciences
22	Sudhir Cherukulappurath	Resource person, 4th RC Material Science from 07th December 2021 to 20th December 2021 on google meet platform

Consultancies:

Sr.no	Title	Duration	Date of commencement	Status	Cost in Lakhs	Funding agency
1.	Design an prototype for step tracking and calculating the strain of heart (Consultancy)	3 months	Nov2021	Completed	1.67	Fitness Konnect, Sancole, Mormugao-Goa

2.8 SCHOOL OF CHEMICAL SCIENCES (SCS)



Programmes offered:

Analytical Chemistry	(M.Sc.)
Biochemistry	(M.Sc.)
Inorganic Chemistry	(M.Sc.)
Organic Chemistry	(M.Sc.)
Physical Chemistry	(M.Sc.)
Chemistry	(Ph.D.)
Biochemistry	(Ph.D.)

Dean: Prof. Vishnu S. Nadkarni / Prof. Vidyadatta M. S. Verenkar

Vice-Dean (Academic): Prof. Vidhyadatta M. S. Verenkar / Prof. Rajendra N. Shirsat

Vice-Dean (Research): Prof. Rajendra N. Shirsat / Prof. Sunder N. Dhuri

Program Director (Chemistry): Dr. Bidhan A. Shinkre

Program Director (Biochemistry): Dr. Prachi S. Torney

Faculty (Full-time):

- **Vishnu S. Nadkarni, Ph.D.**, Senior Professor - Organic Chemistry, Polymer Chemistry. (On Lien from Nov 2021)
- **Vidhyadatta M. S. Verenkar, Ph.D.**, Professor - Materials Chemistry.
- **Rajendra N. Shirsat, Ph.D.**, Professor - Computational and Theoretical Chemistry.
- **Sunder N. Dhuri, Ph.D.**, Professor - Biomimetic catalysis, Crystallography, Metal-Organic compounds, Metal-sulfur chemistry.

- **Digamber G. Porob**, *Ph.D.*, Associate Professor - Synthesis, crystal structure determination and structure property correlation of functional materials using powder X-ray, neutron diffraction, single crystal X-ray diffraction along with other supporting techniques. Some of the specific fields of interest are: Luminescent materials for LED lighting applications. Ionic conductors for batteries and fuel cells, Materials Sustainability and Size Controlled Materials.
- **Rupesh E. Patre**, *Ph.D.*, Associate Professor - Analytical Chemistry, Sensors, Synthetic Organic Chemistry, Natural Products, Greener approaches (Flow chemistry, Biocatalyst application), Process development.
- **Bidhan A. Shinkre**, *Ph.D.*, Associate Professor - Synthetic Organic Chemistry, Asymmetric synthesis, Medicinal Chemistry: Anti-cancer and Anti-bacterial agents-Structure Activity Relationship studies (SAR), Heterocycles, Green and sustainable processes.
- **Siddhali V. Girkar**, *MSc NET* Assistant Professor - Synthetic Organic Chemistry, Medicinal Chemistry
- **Pranay P. Morajkar**, *Ph.D.*, Assistant Professor - Nanostructured materials, Reaction kinetics, Energy & Environmental Applications
- **Sandesh T. Bugde**, *Ph.D.*, Assistant Professor -Synthetic Organic Chemistry, Photoredox Catalysis, Asymmetric Organocatalysis
- **Rohan K. Kunkalekar**, *Ph.D.*, Assistant Professor -Catalysis, Solid State Chemistry, Nano-Material synthesis
- **Savita A. Kundaikar**, *Ph.D.*, Assistant Professor -Polyoxometalate Chemistry: Design, Synthesis and characterization of polyoxometalate based hybrid organic- inorganic materials and their applications in catalysis and solving environmental concerns
- **Hari K. Kadam**, *Ph.D.*, Assistant Professor - Analytical Chemistry, Chemosensing, Biosensing, Method Development, (HPLC, GC), Synthetic Organic Chemistry, (Heterocyclic Chemistry, Organic Methodologies, Cross coupling reactions) Green Chemistry, Medicinal Chemistry, Continuous Flow Chemistry
- **Prajesh S. Volvoikar**, *Ph.D.*, Assistant Professor - Synthetic Organic Chemistry, (Heterocyclic Chemistry, Organic Methodologies, Cross coupling reactions, Cross dehydrogenative coupling) Medicinal Chemistry, Process development and optimization, Analytical Chemistry, Method Development, (HPLC, GC).
- **Vishnu R. Chari**, *MSc NET* Assistant Professor - Computational chemistry, electronic structure calculations of organo-selenium compounds which acts as glutathione peroxidase mimics, Nanomaterials and nanochemistry.
- **Anjani P. Nagvenkar**, *Ph.D.*, Assistant Professor - Materials electrochemistry: Synthesis, characterization and applications of semiconductor nanocrystals; halide perovskite materials for photovoltaics; colloidal nanocrystals for rechargeable electrochemical energy storage; thermal conductivity of nanofluids
- **Delicia A. Barretto**, *Ph.D.*, Assistant Professor -Probiotics, Endophytic research, Bioprospecting, Biochemistry
- **Diptesh G. Naik**, *Ph.D.*, Assistant Professor - Physical Chemistry, Polymer Chemistry: Synthesis and characterization of polymeric materials for their applications in nuclear track detection, neutron dosimetry.

- **Kanchanmala B. Deshpande, Ph.D.**, Assistant Professor - Biosensor/ bioassay for environmental/ food analysis, Water analysis, Flow injection-based techniques, Heavy metal analysis, Chemical sensor, Remediations of contaminated water/ soil.
- **Prachi S. Torney, Ph.D.**, Assistant Professor - Synthesis and characterisation of bioactive natural products and their analogues, photocatalytic and enzyme catalytic reactions, development of synthetic methodologies, isolation of bioactive molecules, analytical method development
- **Vivekanand V. Gobre, Ph.D.**, Assistant Professor - Theoretical Physics/ Chemistry, Intermolecular Interactions, Materials science, Scanning probe microscopy, Parallel computing, Quantum Biology
- **Amrita P. Kharangate, Ph.D.**, Assistant Professor - Microbiology, Environmental bioremediation, Nanobioremediation, Sustainable management of food waste
- **Kedar U. Narvekar, Ph.D.**, Assistant Professor - Structural chemistry: Synthesis, Crystallization, Characterization, Properties of Inorganic, organic and Metal-Organic compounds
- **Vinod K. Mandrekar, Ph.D.**, Assistant Professor - Polymer Chemistry, Catalysis, Synthetic Organic Chemistry and Chemistry of Natural Products
- **Kiran T. Dhavskar, Ph.D.**, Assistant Professor -Anion receptor chemistry, Analytical Chemistry, Imaging studies and method development, structural chemistry, Sensing, separation, and remediation of toxic analytes, Generation and development of green methodologies, techniques and materials
- **Shrikant R. Naik, Ph.D.**, Assistant Professor - Inorganic chemistry, Nanomaterials, Magnetic and electrical properties of Spinel ferrites and Garnet ferrites. Luminescent properties of garnets. Application of nano-sized oxides for their catalytic and antimicrobial applications
- **Rupesh A. Kunkalkar, Ph.D.**, Assistant Professor - Synthetic Organic Chemistry: Synthesis of Natural products and Bioactive Molecules, Development of new synthetic methodologies.
- **Santosh G. Tilve, Ph.D.**, (UGC-BSR) Senior Professor - Synthetic Organic Chemistry.
- **Sheshanath V. Bhosale, Ph.D.**, (UGC-FRP) Professor - Organic supramolecular chemistry, sensors, artificial photosynthesis and organic solar cells

Major Thrust Areas and Achievements:

Thrust Areas:

- Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry
- Anion Receptors and Ion-Pair Receptors
- Bio-inorganic, Coordination, Organometallic Chemistry
- Bioprospecting
- Bioremediation and Biosensing
- Catalysis, Asymmetric Organocatalysis
- Computational and Theoretical Chemistry
- Environmental Chemistry, Catalysis & Chemical Sensors
- Hydrogen Bonded Supramolecular Capsules and Metal Organic Cages

- Intermolecular Interactions
- Laser, Optics and Gas Kinetics
- Materials Science, Metal Carboxylates
- Nano-Material synthesis, Nanoscience
- Optical Spectroscopy
- Organic Supramolecular Chemistry, Artificial Photosynthesis and Organic Solar Cells
- Polymer Chemistry
- Porous Organic Materials for Toxic Ion Separation/Adsorption and Catalysis
- Single crystal X-ray diffraction
- Solid State Chemistry: Synthesis and Application of Mesoporous Materials
- Synthesis and Characterization of Organic-Inorganic Hybrid Porous Materials
- Synthetic Inorganic Chemistry, Synthetic Organic Chemistry

Projects/Consultancy:

Investigator	Period	Title of project	Funding agency	Grants (Rs. in Lakhs)
Dr. Sandesh T. Bugde	Feb. 2020 - Feb. 2022	Design, Synthesis and Application of Heterocyclic Quinones as Organic Photoredox Catalysis for Organic Transformations	UGC	10.00
Dr. Rohan K. Kunkalekar	Feb. 2020 -Feb. 2022	Shape selective metal oxide-based nano-catalysts for environmental remediation	UGC	10.00
Prof. S. V. Bhosale	April 2019 - March 2022	AIE Active Functional Aminoglycoside Antibiotics: Design, Synthesis, Self-Assembly, Molecular Recognition and Biological Applications	CSIR	19.54
Prof. Sunder N. Dhuri	May 2018 - March 2022	Design of New Transitional Metal Catalyst for Biomimetic Organic Oxidations	CSIR	15.00
Dr. Hari K. Kadam	Nov 2021– Nov 2023	Synthesis of novel aminocoumarin based fused heterocyclic compounds for prospective anticancer studies	UGC	10.00

Dr. Savita A. Kundaikar	Nov 2021- Nov 2023	Functional Polyoxometalate based materials: Design, Synthesis, Characterization, and catalytic properties	UGC	10.00
Dr. Bidhan Shinkre	Feb 2022 – Apr 2022	Synthesis of an important heterocyclic intermediate of industrial significance	(Consultancy) InnoVin LLC, USA	2.98

Seminars, Conferences, Workshops etc. organized:

- Webinar Series on Two-Dimensional Semiconductor Applications for Green Energy (2D-SAGE) by Prof. Giulia Grancini, University of Pavia, Italy on 10th Mar 2022
- Open day on National Science Day on 28th Feb 2022
- Webinar on 'Mending Academic Talent for Industrial Applications' on 28th Feb 2022
- Plastic cleaning drive by SCS faculties in Uste village in Sattari on 19th Feb 2022
- Webinar on "Financial Planning & Wealth Management" on 4th Feb 2022
- 9th Annual Home-coming cum Get-together of M.Sc. Chemistry students of 1996-98 Batch on 26th Jan 2022
- Webinar Series on Two-Dimensional Semiconductor Applications for Green Energy (2D-SAGE) by Dr. Aditya Sadhanala, IISc Bangalore on 21th Jan 2022
- Webinar on Identify, Protect, Commercialize your Ideas and Innovations on 7th Jan 2022
- Invited talk on "Observational Astronomy" and a stargazing activity on 8th Dec 2021
- Webinar Series on Two-Dimensional Semiconductor Applications for Green Energy (2D-SAGE) by Prof. David Cahen, Weizmann Institute, Israel on 10th Nov 2021
- Beach clean-up drive from DonaPaula beach to Miramar beach stretch on 31st Oct 2021

Research Publications:

Articles in journals (Impact Factor/ Cite Score Journals):*

- Shetgaonkar, S.S., Salkar, A.V., Morajkar, P.P., (2021) Advances in electrochemical and catalytic performance of nanostructured FeCo₂O₄ and its composites, Chemistry-An Asian Journal. 16(19); 2871-2895.
- Mittal, H., Alili, A.A., Morajkar, P.P., Alhassan, S.M., (2021) Graphene oxide crosslinked hydrogel nanocomposites of xanthan gum for the adsorption of crystal violet dye, Journal of Molecular Liquids. 323;115034-115049.
- Mittal, H., Alili, A.A., Morajkar, P.P., Alhassan, S.M., (2021) Crosslinked hydrogels of polyethylenimine and graphene oxide to treat Cr (VI) contaminated wastewater, Colloids and Surfaces A: Physicochemical and Engineering Aspects. 630; 127533-127544.
- Zalmi, G. A., Nadimetla D.N., Kotharkar P., Puyad A.L., Kowshik M., Bhosale S. V., (2021) Aggregation-Induced Emission-Based Material for Selective and Sensitive Recognition of Cyanide Anions in Solution and Biological Assays, ACS Omega. 6;16704–16713.

- Shaikh D.B., Aljabri M.D, Nadimetla D.N., Birajdar S.S., Kobais M. Ai., Bhosale R.S., Antolasic F., Bhosale S. V., Bhosale S. V., (2021) pH-Controlled Supramolecular Self-Assembly of Naphthalenediimide Appended L-Alanine and Ethylenediamine Asymmetric Bolaamphiphile, *Helv. Chim. Acta.* 104; 127533-127544
- Zalmi, G.A., Gawade, V.K., Nadimetla, D.N., Bhosale, S.V., (2021) Aggregation induced emissive luminogens for sensing of toxic elements *Chemistry Open.* 10(7); 681-696.
- Wagalgave, S.M., Bhosale, S.V., Puyad, A.L., Chen, J-Y., Jones, L.A., Li, J-L., Gupta, A., Bhosale, S V., (2021) Donor-acceptor-donor modelled donor targets based on indoline and naphthalene diimide functionalities for efficient bulk-heterojunction devices, *Dyes and Pigments.* 184; 108808- 108818.
- Birajdar, S.S., Bixi, S., Rao, P.S., Bhosale, R.S., Kobaisi, M.A., Gupta, A., Lessard, B.H., Bhosale, S V., Bhosale, S.V., (2021) Conjoint use of naphthalene diimide and fullerene derivatives to generate organic semiconductors for n-type organic thin film transistors, *ChemistryOpen.* 10(4); 414-420.
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Pathogens, *ChemistrySelect*. 6; 11718– 11728.

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- Zalmi G.A., Jadhav R.W., Mirgane H.A., Bhosale S. V., (2022) Recent advances in aggregation-induced emission active materials for sensing of biologically important molecules and drug delivery system, *Molecules*. 27; 150-190.
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- Srinivasan, B.R. (2022) Comments on the paper "Synthesis and third order optical nonlinearity studies of toluidine tartrate single crystal supported by photophysical characterization and vibrational spectral analysis", *Journal of Photochemistry and Photobiology A: Chemistry*. 422; 113272-113274.
- Gawas, U.B., Verenkar, V.M.S., Vader, V.T., Jain, A., Meena, S.S., (2022), Effects of sintering temperature on microstructure, initial permeability and electric behaviour of Ni-Mn-Zn ferrites, *Materials Chemistry and Physics*. 275; 125250-125264.
- Kundaikar, S.A., Morajkar, S.M., Bensch, W., Srinivasan, B.R., (2022) Synthesis and structural characterization of a new heterometallic molybdate coordination polymer based on a μ_3 -bridging amino alcohol, *Zeitschrift für Naturforschung B*. 77(4-5); 287-297.
- Das, S., Kulbir, K., Ray, R., Tarali D., Ghosh, S., Harmalkar, S.S., Dhuri, S.N., Mondal, P., Pankaj Kumar., (2022) Why intermolecular nitric oxide (NO) transfer? Exploring the factors and mechanistic aspects of NO transfer reaction *Chemical Science*. 13(6); 1706-1714.
- Parsekar, N.U., Narvekar, K.U., Srinivasan, B.R., (2022) Synthesis and structural characterization of three new mixed ligand alkaline-earth metal picrates *Zeitschrift für*

Naturforschung B. 77(4-5); 211-219.

- Srinivasan, B. R., Verenkar, V.M.S., (2022) Comments on the paper "Influence of ethylenediaminetetraacetic acid on the performance of ferrous sulphate heptahydrate nonlinear optical single crystal", *Materials Letters*. 309; 2022;131455-.131458.
- Naik, M.Z., Rodrigues, L., Torney, P.S., Salker, A.V., (2022), In sup (3+) doped magnesium ferrite an efficient magnetic catalyst for the synthesis of functionalized quinazolinone and Henry reaction, *Journal of Chemical Sciences*. 134(1); 19-27.
- Harmalkar, N.N., Srinivasan, B.R., Dhuri, S.N., (2022), Synthesis, structure characterization and properties of a new oxidovanadium (IV) coordination polymer incorporating bridging (MoO sub (4)) sup (2-) and (Mo sub (8) O sub (26)) sup (4-) ligands, *Zeitschrift für Naturforschung B*. 77(4-5); 245-252.
- D'Souza, L.R., Harmalkar, N.N., Harmalkar, S.S., Tayade, S.B., Dhuri, S.N., (2022) Construction of pyrazine-appended 1D and 3D cobalt (II) succinate coordination polymers: Influence of solvent on architectures and applications in gas adsorption and NAC detection, *ACS Omega*. 7(7); 5698-5712.
- Da Costa, A., Salkar, A.V., Krishnasamy, A., Fernandes, R., Morajkar, P.P., (2022) Investigating the oxidative reactivity and nanostructural characteristics of diffusion flame generated soot using methyl crotonate and methyl butyrate blended diesel fuels, *Fuel*. 309; 122141-122153.
- Pandey, S.P., Jha, P., Nadimetla, D.N., Bhosale, S.V., Singh, P.K., (2022) A tetracationic aggregation induced emission-based probe for efficient and improved detection of Heparin, *Sensors and Actuators: B Chemical*. 353;131016-131029.
- Biradar, M.R., Bhosale, S V., Morajkar, P.P., Bhosale, S.V., (2022) A review on energy storage devices based on rylene imide dyes: Synthesis, applications and challenges, *Fuel*. 310; 122487-122506.
- Lanjewar, M., Parab, J.S., Morajkar, P.P., (2022), Detection of tartrazine colored rice flour adulteration in turmeric from multi-spectral images on smartphone using convolutional neural network deployed on PaaS cloud *Multimedia Tools and Applications*. 81(12); 16537-16562.
- Kerkar, R.D., Salker, A.V., (2022), The low-temperature simultaneous detoxification of NO and CO over precious metal-free nanocomposite metal oxides *New Journal of Chemistry*. 46(17); 7840-7844.
- Gauns-Dessai, P.P., Singh, A.K., Verenkar, V.M.S., (2022), Mn doped Ni-Zn ferrite thick film as a highly selective and sensitive gas sensor for Cl sub (2) gas with quick response and recovery time, *Materials Research Bulletin*. 149; 111699-111711.
- Petrosyan, A.M., Srinivasan, B.R., (2022) What is alanine hippurate, in fact? *Journal of Cluster Science*. NYP; NYP.
- Kerkar, R.D., Salker, A.V., (2022) Acid-base surface-driven NO-CO conversion over copper-manganese-based metal oxides, *Journal of Physical Chemistry Letters*. 13(21); 4667-4672.
- Gawas S. G., Verenkar V.M.S., (2022), Single-domain/multidomain bulk magnetic characteristics of Co-substituted Ni-Zn ferrites: tailoring the effect of Co substitution, *J. Mater. Sci.: Mater. Electron.*33; 6004–6017.

Book Chapters:

- Barretto, D.A., Gadwala, M., Vootla, S.K., Methods in Silkworm Microbiology, Ed. by Volker Gurtler, Gangavarapu Subrahmanyam, The silkworm gut microbiota: A potential source for biotechnological applications (Chapter 1), Elsevier, 2021 (ISBN: 978-0-12-821145-8)

Books: NIL

Ph. Ds

Degrees Awarded: 07

Thesis Submitted: 07

Students on roll: 35

List of Ph. D awarded:

Candidate	Guide	Title	Viva date
Gawandi, Sinthiya J.	Prof. Vidya Dessai	Development of Green Methologies for the Synthesis of Bioactive Nitrogen Heterocycls”	18-Feb-2022
Narvekar, Kedar Umakant	Prof. B.R. Srinivasan	Structure Elucidation and Properties of Compounds Containing Metal ions, substituted Carboxylic Acids and Selected Ligands	4-Jan-2022
Bhargao, Pooja H.	Prof. B. R. Srinivasan	Chemistry of Bivalent Metalanisates-Synthesis Spectra and Crystal Structure	28-Jul-2021
Asogekar, Pratik A.	Prof. V. M. S. Verenkar	Synthesis, Characterization, Solid State Studies and Applications of Pure and Substituted Co-Zn Ferrities”.	18-Oct-2021
Harmalkar, Sarvesh	Prof. S.N. Dhuri	Design Synthesis, Characterisation and Applications of Selected N-Donor Ligands and their first Row Transition Metal Compounds	11-May-2022
Morajkar, Sudesh M.	Prof. B. R. Srinivasan	Synthesis, Spectra, Structure and properties of Polyoxometalat	24-Jul-2021
Desai, Sulaksha R.	Dr. Vidya Desai	Synthesis of Heterocyclic Scaffolds as Potential Drug Targets”.	22-Oct-2021

2.9 GOA BUSINESS SCHOOL (GBS)



Programmes and Degrees:

- | | |
|---|---|
| → Management Studies | (M.B.A., M.B.A. (FS), M.B.A. (Executive), Ph. D.) |
| → MBA (Integrated: Hospitality, Travel & Tourism) | (B.B.A. & M.B.A.) |
| → Commerce | (M.Com., Ph. D.) |
| → Economics | (M.A., Ph. D.) |
| → Computer Science & Technology | (M.C.A., Ph. D.) |

Dean: Prof. M.S. Dayanand

Vice-Dean (Academic): Prof. K.B. Subhash

Vice-Dean (Research): Prof.P.K. Sudarsan

Management Studies

Faculty:

- **Dr. Nilesh A. Borde**, Ph.D, Professor, Finance and Financial Economics (Shareholder Value Creation, Corporate Finance, Capital Markets, Mergers & Acquisitions)
- **Dr. Purva G. Hegde Desai**, Ph.D, Professor, Finance & Marketing (Financing & Working Capital) Management in SMEs & Consumer Behavior
- **Dr. M. S. Dayanand**, Ph.D, Professor, Marketing and Tourism
- **Dr. R. Nirmala**, Ph.D, Associate Professor, Marketing & HR
- **Ms. Teja Tushar Khandolkar**, MBA, Assistant Professor, Marketing
- **Ms. Priyanka Naik**, M.com, Assistant Professor, Accounting and Finance
- **Dr. Suraj PavtoVelip**, Ph.D., Assistant Professor, Accounting and Finance

Visiting

1. Mr. Sushant G. Chari
2. Mr. Naryan Dessai
3. Prof. K.S. Rao
4. Ms. Meenakshi Sharma
5. Ms. Lisa Dias Noronha
6. Ms. Maria Caroline
7. Mr. Abhay Mishra
8. Dr. Semele Jatin Sardesai
9. Mr. Leandro de Mello
10. Dr. Sanjay Shesh
11. Mr. Sunil Kumar Singh
12. Mr. David Lourenco
13. Ms. Sarita D'souza

Major Thrust Areas and Achievements:

MSMEs and Tourism

Online lecture series

Name of Speaker	Designation & Organisation	Title of Lecture	Date
Mr. Sukhwinder Singh	Director -Singh Sports Ventures	Sports -An Industry & Elements of Sports Management.	10 th August 2021
Mr. Manguirish Pai Raikar	Chairman, State Council, ASSOCHAM	MSME Post Covid Opportunities.	28 th September 2021
Mr. Swamy Ramchandran	Director: Product Strategy, Marketing and Strategic, Initiative's (Global)Oracle Financial Crime and Compliance Product Suite	Go -To -Market: From Strategy to Execution	9 th October 2021
Major. Maroof Raza	Consulting Editor, Times TvNetwork (Strategic Affairs) and author of "CONTESTED LANDS: India, China and the Boundary Disputes'	"Causes of Tension between China and India and could it lead to a war?"	25 th January 2022
Shri Shrinivas Dempo	Leadership challenges in Turbulent Times	Chairman Dempo Group, President Dempo Sports club	23 rd Feb 2022
Shri Sairaj Dhond	Start Up and Sustainability	Founder & CEO of Wakao food	21 st March 2022

Ms. Suwarna Naik	Entrepreneurial Journey	Founder and Director of funminds learning tech Pvt. Ltd	26 th march 2022
Shri. Mayur Dalal	Thriving on Chaos	Owner, Mayur Dalal Associates	13 th April 2022

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Dr. R. Nirmala	In progress	Relationship between Green Human Resource Management Practices of Industry, Environmental Performance, Sustainability, and Employee Health.” Project No P2585	Impactful Policy Research in Social Science (IMPRESS), Ministry of Human Resource Management, GoI	9.00 Lakhs

Research publications:

Articles in journals

- **Hegde-Desai, P.; Borde, N.; Nagar, M.** “Capital structure analyses of MSMEs with reference to start up and later stages”, International Journal of Entrepreneurship and Small Business. Vol.43, No.4, 2021; 502-516, <https://www.inderscience.com/info/inarticle.php?artid=117344>
- **Datta, B.; Hegde-Desai, P.**,”Do Transactions with Related Parties influence Firm Value and Firm Continuity: Four Case Studies of Large Listed Entities in India” The Chartered Accountant. 70(5); 2021; 549-557, <https://resource.cdn.icai.org/67282cajournal-nov2021-13.pdf>.
- **Talaulikar, H.; Hegde-Desai, P.; Borde, N.**, “Do risk attitude and trust moderate bank managers’ risk perceptions in lending to Micro Small Medium Enterprises?”, Managerial Finance. 48(3); 2022; 451-469. <https://doi.org/10.1108/MF-06-2021-0294>.
- **Edgar Philip Dsouza, Dayanand M.S, Nilesh Borde**, “The Impact Of Tourist's Socio-Demographics On The Choice Of Alcohol And Choice Of Drinkscapes” Revista de turism - studii si cercetari in turism. 31; 2021; 6pp. <http://revistadeturism.ro/rdt/article/view/511>

Ph. Ds:

Degrees Awarded: 02

Submitted: - 03

Students on Roll: 21

Economics

Faculty Board

Programme Director	Member (Ex-Officio)
Prof. (Smt) Silvia Maria De Mendonca Noronha	Member (Ex-Officio)
Prof. P. K. Sudarsan	Member (Ex-Officio)
Prof. Pranab Mukhopadhyay	Member (Ex-Officio)

Faculty:

- **Silvia Maria De Mendonca Noronha**, *Ph.D.*, Professor and Head – Labour Economics & Industrial Relations, Development Economics.
- **P. K. Sudarsan**, *Ph.D.*, Professor - International Economics, Economic Theory, Applied Economics.
- **Pranab Mukhopadhyay**, *Ph.D.*, Professor - Environment, Macroeconomics, Growth.
- **Sarath Chandran**, *Ph.D.*, Professor - International Economics, Regional Economic Integration.
- **Heena S. Gaude**, *M.A.*, Assistant Professor - Macroeconomics, Spatial Economics.
- **Avina Kavthankar**, *M.A.*, Assistant Professor - Public Finance, Indian Economics.

Major Thrust Areas and Achievements:

Thrust Areas

- Development Economics
- Environment and development
- International Trade and Regional Trade Agreements

Online/ offline lecture series:

Name of the Scholar	Institution	Title of Lecture	Date
Professor Sukhpal Singh	Indian Institute of Management (IIM)	Understanding Agrarian Distress, Farm Acts of 2020, and Farmer Protests: Myths and Reality	8 th October, 2021
Prof. Pravakar Sahoo	Institute of Economic Growth (IEG), Delhi.	“Investment Slowdown in India: Way Forward”	25 th November, 2021
Dr. Ritesh Kumar	Director of Wetlands International South Asia	Valuing Wetlands-Setting an Agenda for Transformative Change	24th February, 2022

Prof. Chetan Ghate	Director, Institute of Economic Growth, Delhi.	Late Dr. G.V. Kamat Helekar Memorial lecture on "Monetary and Fiscal Policy in a Post-Covid Economy"	25 th March, 2022,
Dr. William Joe	Institute of Economic Growth, New Delhi	"Re-engaging with poverty measurement: The Rich, The Poor and The Middle class in India"	5 th May, 2022

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Workshop on "The Mahalanobis Model"	25 th March, 2022	Goa University
Development Challenges in Contemporary India	26 th April, 2022	Goa University

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Ms. Heena Gaude	In Progress	Trade off between NDC and SDG targets for India: A macro analysis of carbon sequestration and economic development between 1992 -2018.	South Asian Network for Development and Environmental Economics (ICIMOD-SANDEE)	Rs. 13,50,540

Research publications:

1. **Nagendra, Harini, Pranab Mukhopadhyay, and Rucha Ghate.** "Celebrating Jodha: And Revisiting the Commons." Ecology, Economy and Society – The INSEE Journal 4, no. 1 (2021): 59–69. <https://doi.org/10.37773/ees.v4i1.396>
2. **T.K. Dhaneesh Kumar, B.G. Poornima and P.K. Sudarsan,** "Exchange rate and its impact on India's trade with its major trading partners: a pooled mean group approach,

3. **Devi P. S., & Sudarsan P. K. (2021).** Determinants of migration to Goa, India: A gravity model analysis. *The Indian Journal of Labour Economics*, 64, 485–498
4. **Mahaprashasta, J., Mukhopadhyay, P. & Pattanayak, S.K., 2021,** ‘Willingness to pay to avoid flooding in Cuttack, India’”, *International Journal of Disaster Risk Reduction* 53, 101959. 10.1016/j.ijdr.2020.101959
5. **Pranab Mukhopadhyay and M. P. Tapaswi,** “Have ‘mainstream’ economics journals ‘missed the bus’ on wetland, marine and coastal ecosystems?”, *Marine and Freshwater Research* 73(6) 719-728 <https://doi.org/10.1071/MF21027>.
6. **Kavi Kumar, K.S.; Bhatta, R.C.; Mukhopadhyay, P.; Anneboina, L.R.; Naren, P.; Nath, M.; Sharan, A.; Ghosh, S.; daCosta V.; Pednekar, S.,** “Valuation of marine and coastal ecosystem services in India”, *Ecology, Economy and Society--the INSEE Journal*, Vol. 5 No. 1 (2022), DOI:<https://doi.org/10.37773/ees.v5i1.536>

Book chapter (* in Scopus list)

Haque, E., Mukhopadhyay, P., Nepal, M., Shammin, M.R., 2022. *Climate Change and Community Resilience: Insights from South Asia*. Springer Nature, Singapore. DOI: 10.1007/978-981-16-0680-9

Ph.Ds:

Degrees Awarded: 01

Submitted: 01

Students on Roll: NIL

Financial Services

Faculty:

Regular

- **Harip Khanapuri, Ph.D.,** Associate Professor – Accounting, Corporate Finance, Capital Markets
- **Pournima Dhume, Ph.D.,** Assistant Professor – Financial Services, Capital Market Studies, FinTech, Marketing.
- **Prachi Premanand Kolamker, Ph.D.,** Assistant Professor – Corporate Governance, Accounting, Finance.
- **Pinky Pawaskar, Ph.D.,** Assistant Professor – Consumer Behavior and Behavioral Finance
- **Narayan Parab, Ph.D.,** Assistant Professor – Capital Markets, Security Analysis, Econometrics for Finance
- **Sanjeeta Parab, Ph.D.,** Assistant Professor – Derivatives, Commodity Market, Information and Market Efficiency
- **Jick Castanha,** Assistant Professor – Tourism, Marketing, Finance

Major Thrust Areas and Achievements:

Financial Services, Financial Modeling, Corporate Finance, Financial Markets

Seminars, Conferences, Workshops, etc., organized:

- Organised a One Day State Level Workshop on “Questionnaire Design and Testing” on 19th May 2022.
- Organized Alumni Connect Lecture Series for MBA-FS Students in October 2021 and April 2022
- Capacity Building and Skill Enhancement sessions and workshops organised.

Research Publications:

- Dhume, P. and Makandar, H. A Systematic Review of Dividend Announcement and Its Impact on the Stock Prices: Evidence from Indian Service Providing Companies, The IUP Journal of Accounting Research and Audit Practices, ISSN: 0972-690X, Vol. 20, No 3, July 2021, pp. 43-59
- Jick Castanha, Mayuri Prabhu, Subhash K.B. Pillai, Indrawati, Thiago Duarte (2021). Behaviour Intention to adopt IRCTC Application for Railway Ticket Reservation Service: A Case Study of Goan consumers (India), Anais Brasileiros de Estudos Turisticos, 11, 1-14. <https://doi.org/10.5281/zenodo.5821131> [e-ISSN 2238-2925]

Conference Presentations, Lectures, etc.

1. Dr. Narayan Parab presented a joint research paper with Ramashanti Naik and Y.V.Reddy on the topic “Stock Price Affordability and Long Memory in Stock Returns: Evidence from India” at International Conference on Financial Perspectives organised by Department of Applied Sciences and Humanities, Rajkiya Engineering College, Kannauj, UP, India on 24th March - 25th March 2022 and received Best Paper Award.
2. Dr. Pinky Pawaskar presented a joint research paper with Sakshi Prabhu titled ‘The Dynamics Of Gold Prices In The Indian Financial Markets’ in an International seminar by The ICFAI University Tripura and IUBAT from 1st September 2021- 2nd September 2021, on Emerging challenges and opportunities in business and economy: Lesson from COVID-19 pandemic
3. Dr. Harip Khanapuri presented a joint paper with Mr. Moses Fernandes on “Firm Specific Determinants of Capital Structure: A Sectoral Analysis of Indian Manufacturing Firms” at International Conference Technological, Social and Economic Innovations through Artificial Intelligence, Data Science and Cyber Security (ICTSEADC 2022), organized by IMS Ghaziabad, April 15-16, 2022
4. Dr. Pournima Dhume and Dr. Pinky Pawaskar presented a paper titled ‘Adoption and Usage of Digital Banking Platforms and Services among Millennials and post- Millennials’ in 17th Doctoral Research Conference in Management 'ANVESH 2021'; organized by Institute of Management, Nirma University on 17th-18th December 2021.

Lectures on other occasions: workshop conducted by Post Graduate Department of Commerce, S. S. Dempo College of Commerce and Economics on 10th May 2022.

1. Dr. Narayan Parab conducted a session on the topic “Stock Market in India: An Overview” in Dnyanprassarak Mandal’s College and Research Centre, Assagao, Goa on 15th December 2021.

2. Dr. Narayan Parab conducted a session on the topic “Basics of Capital Market” in Narayan Zantye College of Commerce, Bicholim, Goa on 22nd October 2021.
3. Dr. Harip Khanapuri delivered a session on “Review of Literature” at National Level Lecture Series organized by Sridora Caculo college, Mapusa, Goa on 11th January 2022.

Hospitality Travel and Tourism

Faculty:

- **K.G. Sankara Narayanan**, M. Com, MBA, NET(JRF), Ph. D, (HR, Accounting & Finance, Marketing, International Business, Hospitality & Tourism, Professor & Programme Director
- **Dr. Poonam Sadekar**, PhD, NET, MTM, MSO, PGDBM, BSc. Specialization - Hospitality and Tourism Management, Assistant Professor
- **Dr. Paresh Lingadkar**, PhD, Organizational Behaviour, Tourism and Hospitality, Assistant Professor
- **Sujal L. Naik**, M. Com NET, SET, International Tourism, marketing Management, Assistant Professor
- **Kevin D'Souza**, Masters in Tourism Management (Indira Gandhi National Open University), Assistant Professor of Management Studies
- **Mr. Sadanand Gaonkar**, M. Com, Net and Set, Specialization- Accounting and Finance, Tourism and Hospitality Management, Assistant Professor
- **Dr. Albino Roshan Thomson**, Ph. D in Management, Hospitality and Tourism

Major Thrust Areas and Achievements:

Thrust Areas:

Food Production, Food and Beverage service, Front Office, Accommodation Operations, Tourism, International Business, Consumer Behaviour, Marketing Tourism and Hospitality

Research Publications:

- Dr. Albino Roshan Thomson, Ph. D in Management, Hospitality and Tourism: Mekoth, N., Thomson, A. R., & Unnithan, A. (2022). The mediating role of satisfaction on the relationship between professionalism and employee continuity in hospitality industry. *Journal of Quality Assurance in Hospitality & Tourism*, 1-27.
- Dr. Poonam Sadekar: Determinants of online learning efficacy and satisfaction of tourism and hospitality management students during the COVID-19 pandemic

Commerce

Faculty Board

Prof. Yeruva Venkata Ramana Reddy	Member (Ex-Officio)
Prof. Guntur Anjana Raju	Member (Ex-Officio)
Prof. K.B. Subhash	Member (Ex-Officio)
Dr. Padyala SriRam	Member (Ex-Officio)
Ms. Aakruthi A. Alarnkar	
Mr. Vishal K. Gaonkar	

Faculty:

Regular:

- **Yeruva Venkata Ramana Reddy**, *Ph.D.*, Professor (Senior Professor) – Finance and Accounting.
- **Guntur Anjana Raju**, *Ph.D.*, Professor – Accounting & Finance and Capital market studies.
- **K. B. Subhash**, *Ph.D.*, Professor – Venture Capital & Entrepreneurship, Quantitative Techniques, Strategic Management, Marketing Management and Tourism.
- **Padyala SriRam**, *Ph.D.*, Assistant Professor, – Accounting and Finance.
- **Aakruthi A. Alarnkar**, M.com, Assistant Professor and Programme Director-Behavioural Finance, Capital Markets.
- **Vishal K. Gaonkar**, M.com, Assistant Professor-Finance and Agriculture

Major Thrust Areas and Achievements:

Thrust Areas:

Capital Market Studies, Finance and Accounting, Financial Services, Taxation, Risk Management, Security Analysis, Mutual Funds, Venture Capital Financing, Tourism Management, Consumer Behaviour, Entrepreneurship and Behavioural Finance.

Research publications:

1. Ramashanti Naik and Y. V. Reddy, “Examination of Long Memory in Indian Stock Market: A Sectorial Juxtaposition, Sectoral Juxtaposition”, FIIB Business Review, 10(4), 1-19, <https://doi.org/10.1177/23197145211040274>,
2. Maithili S. Naik and Y. V. Reddy. (2021), “India VIX and Forecasting ability of Symmetric and Asymmetric GARCH Models”, Asian Economic and Financial Review, 11(3), 252-262,
3. Priyanka Naik and Y. V. Reddy. (2021), Determinants of Stock Market Liquidity- A Macroeconomic Perspective”, Macroeconomics and Finance in Emerging Market Economies, NYP; 2021; NYP., doi: 10.1080/17520843.2021.1983705 ,

4. Priyanka Naik and Y.V.Reddy.(2021), Stock Market Liquidity: A Literature Review, Sage Open, 11(1), 1-15,
5. Karen Fernandes and Y.V.Reddy.(2021), Determinants of Energy Consumption in Newly Industrialized Countries of Asia, International Journal of Energy Economics and Policy, 11(1), 93-100,
6. Anjana Raju, G. and Velip, S.P. (2021). “Does Integration in the Asian Frontier, Emerging, and Developed Stock Markets Conceal a Hidden Opportunity for Portfolio Diversification?”; The Journal of Wealth Management Spring 2021, 23 (4) 76-91, ISSN:2374-1368.
7. Anjana Raju G.; Shirodkar, S., and Marathe, S. (2021). “Nexus between Crude Oil, Exchange Rate and Stock Market Returns: An Empirical Evidence from Indian Context;”; International Journal of Energy Economics and Policy, Volume 11(3), 170-175 . ISSN: 2146-4553.

Lectures and Conferences:

1. Priyanka Naik and Y.V.Reddy, Determinants of Stock market Liquidity: A Macro Economic Perspective, National E-Conference on Advances in Business, Management and Technology (NCABMT-2021, Organized by Department of Management Sciences, Mahatma Gandhi Central University, Bihar, India, held on 25th and 26th June, 2021.
2. Vassanti Morudkar and Y.V.Reddy, The Impact of Corporate Debt on Economic Growth: An International Experience, International Conference on Sustainable Finance, Economics and Accounting in the Pre and Post Pandemic Era, Organized by Indian Institute of Management, Jammu, India held on 30-31st July 2021.
3. Narayan Parab, Ramashanti Naik and Y.V.Reddy “Stock Price Affordability and Long Memory in Stock Returns: Evidence from India” International Conference on Financial Perspectives organised by Department of Applied Sciences and Humanities, Rajkiya Engineering College, Kanauj, UP, India on 24th March - 25th March 2022 and received Best Paper Award.

PhDs:

Degrees Awarded: 05

Submitted: - Nil

Students on Roll: 28

Computer Science and Technology

Faculty

Regular

- **Jyoti D. Pawar**, Ph.D., Professor – Data Mining, Data Structures, Natural Language Processing (NLP).
- **Yma F. Pinto**, M.C.A., Associate Professor and – Database Management Systems, Operating Systems, Computer Science Education and Education Technology
- **Ramrao S. Wagh**, M.C.A., Associate Professor (on deputation) – Software Architecture,

Object Oriented Technology, Agile and Lean Methods, Educational Technology, Geographical Information Systems, aspect Oriented Programming, Refactoring, Design Patterns, e-Learning

- **S. Baskar**, M.Sc., Associate Professor – Compiler Construction, Machine Learning, Deep Learning, Data Science, Data Analytics, Artificial Intelligence, IoT, Financial Machine Learning.
- **Ramdas N. Naik Karmali**, M.C.A., Assistant Professor – Data Communications and Computer Networking, Cryptography and Network Security, Natural Language Processing, Web Technology, Data Science.
- **P. Payaswini**, Ph.D., Assistant Professor – Data Communication and Networking, Data Structures, Internet Technology, LINUX Lab,
- **Jarret Stevan Anthony Fernandes**, M.C.A. Assistant Professor - Human-Computer Interaction (HCI), Software Engineering, Software Architecture, User Experience (UI/UX), Design and Engineering, Programming Paradigms, Mobile Technology, Assistive Technology, Cloud Computing, Data Driven Web App Development
- **Preeti R. Khorjuvenkar**, M. Tech. Assistant Professor - Data Structures, Programming & Problem Solving, Evolutionary and Swarm Optimization Algorithms, DevOps.
- **Swapnil Suresh Fadte** - Speech Processing, Machine Learning, Natural Language Processing, Computer Organisation, Python Programming, Data Structures.
- **Teja Kundaikar**, ME CSE, Assistant Professor - Optical Character Recognition, Natural Language Processing, Database Management Systems, Software Engineering, Data Modeling and Visualisation, Linear Algebra
- **Hanumant Harichandra Redkar**, MCA & EMBA, Assistant Professor - Natural Language Processing, Language Learning, Data Science, Software Engineering, Web Development, Data Modeling and Visualisation, Speech Processing, Modern Development Frameworks, Data Structures and Algorithms, Machine Translation

Contract

- **Tina Vaz**, ME IT., Assistant Professor - Image Processing, Object Oriented Programming, Software Engineering, Machine Learning, Data Structures, Computer Vision, Algorithms and Data Structure, Probability and Statistics
- **Gaurpriya Chodankar**, ME CS, Assistant Professor - Operating Systems, Computer Architecture, Linear Algebra, Linear Programming and Optimization, Big Data Frameworks, Algorithms and Data Structures, Probability and Statistics

Major Thrust Areas and Achievements:

Thrust Areas

Natural Language Processing, Database Management Systems, Education & E-learning, Machine Learning & Data Science, Computer Graphics, Speech Processing, Optical Character Recognition

Projects

- Jyoti D. Pawar, R. S. Gad, Ramdas Karmali: 'VIDYAAPATI: Bidirectional Machine Translation Involving Bengali, Konkani, Maithili, Marathi, and Hindi' under the Project titled 'National Language Translation Mission (NLTM): BHASHINI'. Funding agency: MeitY, New Delhi

Research publications:

- Payaswini, P. "Internet of Things: A Broader View of Architecture, Key Technologies, and Research Opportunities." *5G Internet of Things and Changing Standards for Computing and Electronic Systems*. IGI Global, 2022. 1-29.
- Bhagat, Pradnya, and Jyoti D. Pawar. "A Product Review Writing Recommender System based on LDA and TF-IDF." *Computación y Sistemas* 26.3 (2022): 1107-1117.

Best Practices:

- . Continuous Evaluation System with Transparency in Evaluation
- . Curriculum updated regularly with Industry and alumni inputs
- . Emphasis on Skills development and employability
- . Mandatory 5 months Industry Internship evaluated by Industry Personnel
- . Audit courses encouraged
- . Involving students in R & D activities
- . Representation of students in various state and national level events.
- . Student-Teacher open interactions and personal attention
- . Focus on Student Placements
- . Study cum Industrial Tour

Ph Ds:

Degrees Awarded: NIL

Submitted: NIL

Students on Roll:14

2.10 SCHOOL OF EARTH, OCEAN AND ATMOSPHERIC SCIENCES (SEOAS)



Programmes and Degrees:

Marine Sciences	(M.Sc., M.Phil., Ph.D.)
Applied Geology	(M.Sc.,)
Earth Science	(M.Phil., Ph.D.)
Marine Microbiology	(M.Sc.)
Environmental Science	(M.Sc./M.A.)

Dean: Prof. Harilal B. Menon (Upto September 2021)

Dean: Prof. C. U. Rivonker (September 2021 onwards till May 2022)

Vice-Dean (Academic): Dr. A. A. A. Viegas

Vice-Dean (Research): Prof. Vishnu Murty Matta

Programme of Marine Sciences

Faculty (Full-time):

- **Harilal B. Menon, Ph.D.**, Professor (HAG) - Physical Oceanography, Coastal water optics, aerosol and radiative forcing, Radiative transfer modelling of visible spectrum of EMR, Optical remote sensing of coastal and estuarine waters.
- **Chandrashekar U. Rivonker, Ph.D.**, Professor - Marine Biodiversity and Ecology, Fisheries, Aquaculture, Phytoplankton Ecology.
- **Vishnu Murty Matta, Ph.D.**, Professor - Marine Chemistry, Environmental Chemistry, Seaweed Chemistry.
- **Aftab A. S. Can, Ph.D.**, Assistant Professor - Air-sea interactions, Indian summer monsoon, ocean circulation.
- **Maheshwar R. Nasnodkar, Ph.D.**, Assistant Professor - Marine Chemistry, Estuarine Geochemistry, Biogeochemistry, Metal Bioavailability and Bioaccumulation.
- **Sheryl Oliveira Fernandes, Ph.D.**, Assistant Professor - Marine microbial ecology, Marine biogeochemistry.

CSIR-Emeritus Scientist:

- **G.N.Nayak**, *Ph.D.*, Retired Professor-Marine Geology and Marine Geochemistry

Programme of Applied Geology

Faculty (*Full-time*):

- **Mahender Kotha**, *Ph.D.*, Professor- Sedimentology, Petroleum Geology of Mesozoic Basins, Application of GIS and Remote Sensing in Earth Sciences.
- **Anthony Arthur A.Viegas**, *Ph.D.*, Associate Professor-Igneous Petrology.
- **Niyati Gopinath Kalangutkar**, *Ph.D.*, Assistant Professor- Igneous Petrology and Volcanology.
- **Poornima Rohan Sawant**, *Ph.D.*, Assistant Professor- Mineralogy, Geochemistry and Igneous Petrology.
- **Pooja P. Ghadi**, *M.Sc.*, Assistant Professor - Polar Micropaleontology, Paleoclimate, Structural Geology.
- **Nicole Ann Fae Sequeira**, *Ph.D.*, Assistant Professor- Structural Geology, Metamorphic Petrology and Precambrian Tectonics.
- **Mahesh M. Mayekar**, *M.Sc.*, Assistant Professor-Groundwater Geology, Igneous Petrology.
- **Sohini Ganguly**, *Ph.D.*, SERB - Research Scientist - Igneous Petrology, Volcanology and Geochemistry.

Programme of Marine Microbiology

Faculty (*Full-time*):

- **Priya Mallika D'Costa**, *Ph. D.*, Assistant Professor and Programme Director - Marine Microbiology, Interactions between Bacteria and Phytoplankton, Diatom Diversity, Biofilms, Bioremediation.
- **Varada S. Damare**, *Ph. D.*, Assistant Professor - Marine Microbiology, Microbial Ecology, Marine Protists, Microbial Bioprospecting, Bioremediation, Trophic Interactions.
- **Chanda Vikrant Berde**, *Ph. D.*, Assistant Professor- Microbial bioremediation, Marine microbiology, microbial secondary metabolites, archaea, endophytic microorganisms
- **Nikita Pradip Lotlikar**, *Ph.D.* Assistant Professor - Microbial biochemistry, marine mycology.
- **Sangeeta Mahableshwar Naik**, *Ph. D.*, Assistant Professor – Marine Biogeochemistry and Marine Ecology.

Major Thrust Areas and Achievements:

Thrust Areas:

- Marine Sciences: Aerosol and Radiative Forcing, Application of GIS & Remote Sensing, Aquatic Chemistry, Coastal Water Optics, Estuarine Chemistry and Geochemistry, Fisheries and Aquaculture, Marine Biodiversity, Seaweed Chemistry.
- Applied Geology: Modern Sedimentology, Sediment Geochemistry, Petroleum, Geology of Mesozoic Basins, Igneous Petrology and Volcanology, Micropalaeontology, Ground water Geology, Micro plastics, Structural Geology, Metamorphic Petrology.
- Marine Microbiology: Microbial bioremediation, Marine microbial secondary metabolites,

Marine associated microbiome, Bacteria-Phytoplankton interactions, Archaea, Biofilms, Marine Protists, Microbial Bio-prospecting, Marine Mycology.

- Environmental Science: Environmental Impact Assessment, Ground water resource management, Solid waste management, Biodegradation and sustainable development with emphasis on local issues.

Projects:

Project Investigator	Title	Funding agency	Grant (Rs. in Lakhs)
Prof. (HAG) Harilal B Menon	Analysis of optical properties of coastal and estuarine waters and development of an algorithm to retrieve chromophoric dissolved organic matter from an optical sensor.	Naval Research Board - DRDO	46.31/-
Prof. (HAG) Harilal B Menon	Aerosol Radiative Forcing Over India (IGBP-ARFI)	Space Physics Laboratory, Vikram Sarabhai Space Centre-ISRO.	11.62/-
Prof. (HAG) Harilal B Menon	Network of Observatories for Boundary Layer Experiments (IGBP-NOBLE)	Space Physics Laboratory, Vikram Sarabhai Space Centre-ISRO.	12.67/-
Dr. Sequeira, N.A.F.	Deciphering the tectonic evolution of the Precambrian rocks along the West Coast of India at the proposed northern margin of the Western Dharwar Craton, and the Madagascar-India connection revisited (Dec 2021-Dec 2023)	SERB	29.7

Research publications:

*Articles in journals (*in WoS/Scopus Journals):*

- Kangane J., Nayak G. N., Tiwari A. K., Nasnodkar M. R. (2021) Physical/chemical weathering and climate fluctuations during last ~ 6000 years - investigation through a sediment core, off Mahanadi River mouth, western Bay of Bengal. *Arabian Journal of Geosciences* 14: 1563.
- Rodrigues R. J., Nasnodkar M. R., Nayak G. N., Tiwari A. K. (2021) Bioaccumulation of metals by edible bivalve *Saccostrea cucullata* and its application as a bioindicator of metal pollution, tropical (Zuari) estuary, Goa, India. *Arabian Journal of Geosciences* 14:1192.
- Gaonkar C. V., Nasnodkar M. R., Matta V. M. (2021) Assessment of metal enrichment and contamination in surface sediment of Mandovi estuary, Goa, West coast of India. *Environmental Science and Pollution Research* 28:57872-57887.
- Kanetkar A., Nasnodkar M. R., Nayak G. N. (2022) Metal enrichment and toxicity assessment through total and speciation of metals in lower and middle regions of tropical

(Mandovi) Estuary, western coast of India. *Environmental Science and Pollution Research*.
Doi: 10.1007/s11356-022-20761-6

- Bhatkhande A. D, Nasnodkar M. R. (2022) Metal enrichment in sediments and bioaccumulation in edible bivalve *Saccostrea cucullata* from mudflats of a tropical estuary, India: a study to investigate toxicity and consumption suitability. *Environmental Science and Pollution Research* 29:59885-59902.
- Padate, V. P., Can, A., Rivonker, C. U., (2022), Puffer proliferation in tropical coastal waters: influence of indiscriminate trawling, *INDIAN JOURNAL OF GEO-MARINE SCIENCES*, 51, (02), 161-169.
- Avinash A. Arondekar, Aftab A. Can & Madhusudan Lanjewar: Differential Response in Chlorophyll-a Concentration to Seasonal Forcings along the West Coast of India *Annals of the American Association of Geographers*, DOI:10.1080/24694452.2022.2149459
- Adhikari, A., & Menon, H.B. (2022). A Bio-optical Numerical Approach for Remote Retrieval of Total Suspended Matter from Turbid Waters. *Journal of the Indian Society of Remote Sensing* 50, 1773–1786. Springer Nature. <https://doi.org/10.1007/s12524-022-01556-1>
- Damare, V.S., Fernandes, E.T., Naik, A.A., Cardozo, S.P., Borges, V., & Phuge P. (2021). Occurrence of thraustochytrids: the fungoid protists vis-à-vis marine macroalgae (seaweeds) along the coast of Goa, India. *Botanica Marina*, 64(6), 461-475.
- Berde CV & Berde VB. (2021) Multifunctional attributes of endophytic *Pseudomonas* strains isolated from the leaves of medicinal plants. *Plant Science Today*. 8 (sp1): 77–84. <https://doi.org/10.14719/pst.1597>.
- Pranav, P., Roy, R., Jayaram, C., D’Costa, P.M., Choudhury, S.B., Menon, N.N., Nagamani, P.V., Sathyendranath, S., Abdulaziz, A., Sai, M.V.R.S., Sajhunneesa, T., George, G. (2021) Seasonality in carbon chemistry of Cochin backwaters. *Regional Studies in Marine Science* 46: 101893.
- Prathyusha A.M.V.N., Nagam V., Berde C.V., Badithala SS, Chandra MRGS, Sekhar TC, Pallaval VB (2022) Molecular diversity and phylogenetic analysis of exopolymer producing fungal strains isolated from Krishna river mangrove sediments. *J Appl Biol Biotech*. 10: 23-32.
- Kumar BA, Triveni G, Gundluri BR, Berde CV, Pallaval VB. (2022) Isolation and identification of potent tributyltin chloride utilizing *Pseudomonas* sp. strain VBAK from Vishakhapatnam shipping harbor sediments. *J Appl Biol Biotech* 10(02):12–20.
- Banerjee, A., Sequeira, N., Bhattacharya, A. (2021). Tectonics of the Greater India Proterozoic Fold Belt, with emphasis on the nature of curvature of the belt in west-central India. *Earth-science Reviews*, 221: 103758
- Banerjee, A., Sequeira, N., Cogné, N., Prabhakar, N., Bhattacharya, A. (2022). Early Neoproterozoic Tectonics in the Godhra–Chhota Udepur Sector: Evidence for Two-Stage Accretion in the Great Indian Proterozoic Fold Belt. *Lithosphere* 2022 (Special 8): 9322892.
- Bhattacharya, A., Dey, J., Kushwaha, A., Sequeira, N. (2021). Growth of Coronal Garnet in Anhydrous High-Fe Ultrabasic Rocks: The Interplay Between Metamorphic Reaction Progress, Local Strain Heterogeneity and Grain Boundary Diffusion. *Journal of Petrology*, 62(10): egab067
- Kalangutkar, N., Kurian, P.J., Iyer SD. Characterization of ferromanganese crusts from the Central and South West Indian ridges: Evidence for hydrothermal activity. *Marine Georesources & Geotechnology* 2022, Vol. 40, No 3, 281–296 <https://doi.org/10.1080/1064119X.2021.1886205>

- Mahesh, B. S., Nair, A., Ghadi, P., Warriar, A. K., Mohan, R. (2021). Holocene sedimentology in an isolation basin in the Larsemann Hills, East Antarctica. *Polar Science*, 30, 100729.
- Sequeira, N., Bhattacharya, A. (2021). Early Neoproterozoic accretion at the northern margin of the Chottanagpur Gneiss Complex, Eastern India. *Tectonics*, 40: e2020TC006613. <https://doi.org/10.1029/2020TC006613>
- Sequeira, N., Bhattacharya, A., Bell, E. (2021). The ~1.4Ga A-type granitoids from the 'Chottanagpur Crustal Block' (India) and relocation from Columbia to Rodinia? *Geoscience Frontiers* 13(2):101138

Book Chapters:

- Vikrant B. Berde, Pallaval V. Bramhachari and Chanda Parulekar Berde (Feb 2022 online). Bioremediation of petroleum contaminated soils. In, Bioremediation and phytoremediation technologies in sustainable soil management Vol.1 Fundamental Aspects and Contaminated Soils. Malik JA, Goyal MR and Wani KA (Eds) Apple Academic Press Inc. USA. Pp. 231-250. ISBN: 978-1-00328-065-1(ebk).
- Chanda Vikrant Berde, P. Veera Bramhachari, and Vikrant Balkrishna Berde (2022) Plant growth-promoting diazotrophs: Current research and advancements. In, Trends of Applied Microbiology for Sustainable Economy. Soni, R., Suyal D.C., Yadav A.N. and Goel, R. (Eds.) Academic Press, U.K. Pp. 207-224. ISBN 978-0-323-91595-3
- Chanda Parulekar Berde and Vikrant B. Berde (Feb 2022 online). Role of archaea in bioremediation of contaminated soils. In, Bioremediation and phytoremediation technologies in sustainable soil management Vol.2 Microbial Approaches and Recent Trends. Malik JA and Goyal MR (Eds) Apple Academic Press Inc. USA. Pp. 33-52. ISBN: 978-1-000328-068-2 (ebk).
- Berde CV, Giriyan A. Berde VB (Dec 2021). Bioactive secondary metabolites from psychrophilic fungi and their industrial importance. In, Industrially important fungi for sustainable development. Fungal Biology Vol. 2: Bioprospecting for biomolecules. Abdel-Azeem AM, Yadav AN, Yadav N and Sharma M (Eds) Springer Nature Singapore pp. 377-405. https://doi.org/10.1007/978-3-030-85603-8_10 ISBN: 978-3-030-85603-8
- Berde C.V., Salvi S.P., Kajarekar K.V., Joshi S.A., Berde V.B. (2021). Insight in to the animal models for microbiome studies. In, Microbiome in human health and disease. Bramhachari P.V. (Ed.) Springer Nature Singapore pp. 259-274. ISBN 978-981-16-3155-9 <https://doi.org/10.1007/978-981-16-3156-6>.
- Parulekar-Berde, C.V., Rawool P.P., Berde V.B. (2021). Phosphate-solubilizing bacteria: Recent trends and applications in agriculture. In, Recent advancement in microbial biotechnology: Agricultural and industrial approach. De Mandal, S. and Passari, A.K. (Eds.) Academic Press, Elsevier Publications, UK. Pp. 27-47. ISBN 978-0-12-822098-6.
- Berde, C.V., Gawde, S.S., Berde, V.B. (2021). Potassium solubilization: Mechanism and functional impact on plant growth. In, Soil Microbiomes for Sustainable Agriculture, Sustainable Development and Biodiversity Recent Trends in Mycological Research, Fungal Biology. Vol. 2. Environmental and Industrial Perspective. A. N. Yadav (ed.), Springer Nature Switzerland AG. Pp 133-148. https://doi.org/10.1007/978-3-030-73507-4_5. ISBN 978-3-030-73506-7.

Ph.Ds:*Degree Awarded: 16**Submitted: 14**Students on Roll: 29***Conference Presentations, Lectures, etc.**

- Damare V.S. “Association of marine fungal-like organisms – the thraustochytrids with diatoms” International Indian Ocean Science Conference (IIOSC) 2022. CSIR-National Institute of Oceanography, Goa. 14th - 18th March 2022. ORAL PRESENTATION.
- Damare V.S. “Association of biotechnologically significant fungoid protists, the thraustochytrids with the micro- and macro- algae in the coastal habitats” International Online Conference on Environmental Status of Estuarine Ecosystems in India (Focus Meeting of Estuarine and Coastal Sciences Association - ECSA). Department of Environmental Sciences, University of Kerala, Thiruvananthapuram. 26th – 28th January 2022. INVITED TALK.
- Panchal S. & Damare V.S.* “Production of bioplastics from macroalgae” International Online Conference on Environmental Status of Estuarine Ecosystems in India (Focus Meeting of Estuarine and Coastal Sciences Association - ECSA). Department of Environmental Sciences, University of Kerala, Thiruvananthapuram. 26th – 28th January 2022. ORAL PRESENTATION.
- Meenakshi & D’Costa P.M.* “Sea foam – a unique habitat in the marine ecosystem.” Seventh National Conference of the Ocean Society of India, OSICON-21. Online Conference, organized by the National Centre for Polar and Ocean Research (NCPOR), Ministry of Earth Sciences, Goa, and the Ocean Society of India (OSI), 12th – 14th August 2021. ORAL PRESENTATION.
- Gaonkar H.D. & D’Costa P.M.* “Biotechnological potential of diatoms.” Seventh National Conference of the Ocean Society of India, OSICON-21. Online Conference, organized by the National Centre for Polar and Ocean Research (NCPOR), Ministry of Earth Sciences, Goa, and the Ocean Society of India (OSI), 12th – 14th August 2021. ORAL PRESENTATION.
- Shet P.,* D’Costa P.M., Naik R., Patil S., Nanajkar M., Sawant P., Warde K. & Haragi S. Dinoflagellate cyst distribution along the Karwar coast: a HAB perspective. Quick oral presentation. Seventh National Conference of the Ocean Society of India, OSICON-21. Online Conference, organized by the National Centre for Polar and Ocean Research (NCPOR), Ministry of Earth Sciences, Goa, and the Ocean Society of India (OSI), 12th – 14th August 2021. ORAL PRESENTATION.
- Dias B. & Damare V.S.* “Distribution of microplastics in coastal regions of India” Seventh National Conference of the Ocean Society of India OSICON-21. National Centre for Polar and Ocean Research (NCPOR), Ocean Society of India (OSI). 12th – 14th August 2021. POSTER PRESENTATION.
- Mrinalini C.M. & Damare V.S.* “Oil spill in marine environment and associated microbiology” Seventh National Conference of the Ocean Society of India OSICON-21. National Centre for Polar and Ocean Research (NCPOR), Ocean Society of India (OSI). 12th – 14th August 2021. POSTER PRESENTATION.
- Kalangutkar, N, Delivered talk to participants of Refresher Course in Environmental Sciences held at HRDC Goa University. 19th November 2021
- Sequeira, N. Invited talk on ‘Drifting towards Plate Tectonics’ at ‘Earth Science Week 2021’ programme organized by Maharashtra Vruksha Samvardhini in association with Fergusson College, Pune, Nowrosjee Wadia College, Pune and School of Earth Ocean and Atmospheric Sciences, Goa University. 10th -16th September 2021

Workshop/Seminar Participation:

- D'Costa, P. "Online workshop on Microbial Phylogeny – Bacteria, Fungi and Virus", Bharat Eco Solutions & Technologies, Pune and SAGE University, Bhopal. 16th – 18 thDec 2021.
- Damare V.S. "Scientific writing: publishing ethics, effective peer review and increasing research impact." Taylor & Francis Group & CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR). 23rd June 2021.
- Damare V.S. "Understanding the incubation process" Institution's Innovation Council, Goa University. 23rd July 2021.
- Damare V.S. "Montreal Protocol- Keeping us, our food and vaccines cool" on 'World Ozone Day' (36 years of Ozone layer protection), ENVIS Centre on Biodiversity (Fauna), Zoological Survey of India, Kolkata. 16th September 2021
- Damare V.S. "Challenges & Issues in Coastal and Ocean Research (CICOR-2-21)" Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli, Tamil Nadu. 20th -22nd September 2021.
- Damare V.S. "International Webinar Series- Season II on Research and Technological Advancements in Bioinformatics" (Webinar 3: FuSe: A tool for functional analysis of RNA-Seq Data). Centre of Excellence in Health Care technologies and Informatics (CEHTI), Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh. 20th November 2021.
- Damare V.S. "International Webinar Series- Season II on Research and Technological Advancements in Bioinformatics" (Webinar 4: Containersation & DevOps Practices for Bioinformaticians). Centre of Excellence in Health Care technologies and Informatics (CEHTI), Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh. 18th December 2021.

Awards: Nil

2.11 CENTRE FOR THE STUDY OF SOCIAL EXCLUSION & INCLUSIVE POLICY (CSSEIP)

Faculty (In-Charge):

- **Ganesh Somayaji**, *Ph.D.*, Professor and Dean

Contractual:

- **Vijay M. Gawas**, *Ph. D.*, Assistant Professor cum Assistant Director

Major Thrust Areas and Achievements:

Thrust areas:

- Conceptualizing discrimination, exclusion and inclusion based on caste/ethnicity, and religion;
- Developing understanding of the nature and dynamics of discrimination and exclusion;
- Contextualizing and problematizing discrimination, exclusion and inclusion;
- Developing an understanding of discrimination at an empirical level; and
- Formulating policies for protecting the rights of these groups and eradicating the problem of exclusion and discrimination.

I. WEBINAR ORGANIZED/ CO-ORDINATION OF EVENTS

Vijay Gawas, Asst. Professor of the Centre, organized a one-day online Mode Webinar on “**Inclusiveness & Tribal Sub-Plan**” 7 December 2021 from 11:30 am – 1:30 pm at the CSSEIP Goa University.

II. LECTURES DELIVERED:

Vijay Gawas Delivered a lecture on ‘**New Education Policy: - Social Dimensions**’ at primary School, Cumbarjua -Goa on 22/08/2021.

He also delivered a lecture on ‘**Human Rights related to Mental Health: Legal perspectives**’ at Govind Ramnath Kare College of Law, Margao -Goa on 25/09/2021.

III. Participation in Refresher Courses

a) **Vijay Gawas**, Asst. Professor of the centre attended the UGC-sponsored Refresher Course in Human Rights & Social Inclusion (Interdisciplinary) at the UGC - Human Resource Development Centre, Jamia Millia Islamia New Delhi, held from 03/08/2021 to 14/08/2021.

b) **Vijay Gawas**, Asst. Professor of the centre, attended the UGC-sponsored Refresher Course in Political Science (Inter/ Multi-disciplinary) at the UGC – Human Resource Development Centre, Goa University held from 02/03/2022 to 15/03/2022.

PART 3

DIRECTORATES

3.1 DIRECTORATE OF RESEARCH DEVELOPMENT & RESOURCES MOBILISATION (DRDRM)

- During **June, 2021 to May, 2022 total 17** research projects were funded by the following agencies: DBT, UGC, SERB, DST, MHRD, SANDEE-ICIMOD, UGC-DAE-CSR, DHE, MEITY, ICSSR, DSTE. Also total **11** consultancy projects were sanctioned to the faculty members of the University by following funding agencies: SANDEE-ICIMOD, INFINITY AGROTECH, OCEO, INNOVINLLC-(GEORGIA USA), VITHU SATELKAR, PRUDENT MEDIA, DCF, FITNESS KONNECT, CSDS, IIT-MADRAS, LUPIN. In this period, total of **22** (ongoing) research projects were operational. Altogether new Research Proposals submitted in this year were 86 for funding to the following funding agencies: UGC, UGC-DAE-CSR, DST, MHRD, SERB, CSIR, GSBB, DSTE, FPCT-PORTUGAL, ALICE, DPNCE-GOA, IGSTC, BELSPO, DBT, SANDEE-ICIMOD, DOB, ICMR, IIT, IGSTC, DOFGG, MEITY, MOM, FR&UD, DHE, ISRO, NSE-NYU-STERN, BIRAC, MOC.
- Goa University D-RDRM office provided Seed money grants to the new faculties and Research Incentives Funds for publishing in the Scopus/WoS journals. The directorate established Intellectual Property Rights (IPR) Scheme for 10 best proposal for the year to support IPR for Patent, Copyright, Geographical Indicator and Trademark. Also, the Directorate established the Green Energy Management of the Campus to initiate activities toward greening of campus, Energy optimization, Water harvesting and biodiversity of flora and fauna of ecology of campus. The Directorate also support researchers for their Ethical Clearance for the studies involving human subjects through its IHEC committee and sub-committee.

(Prof. R. S. Gad)

Director-RDRM

3.2 DIRECTORATE OF EXTRA MURAL STUDIES AND EXTENSION SERVICES (DEMS & ES)

Extra Mural Studies and Extension Services is essentially a third dimension of the higher education if we consider first two as formal teaching and research. The stake holders for this third dimension includes cross sections of the society such as adults, school drop-outs, professionals, housewives, slum population, street children and a host of learning groups who need not necessarily have a formal qualification to learn certain essential inputs

A two day spoken English workshop was held in collaboration with DM's College Assagao on 8th and 9th April 2022. 32 students from Union High School, Assagao benefited from the programme.

3.3 DIRECTORATE OF DIGITAL LEARNING & INITIATIVES (DDLI)

The Directorate of Digital Learning and Initiatives (DDLI) is one of the University's oldest centres, which was established in the year 2002 (then known as Distance Education and Training Infrastructure - DEITI). The concept was visualized based on the directives and guidelines of the Ministry of Human Resource Development (MHRD), the Government of India to impart education using modern digital technology via satellite mode reaching out to the remotest areas across the state of Goa.

The facility is equipped with a state-of-the-art, fully acoustic lecture recording studio floor with a multi-cam setup. The videos are recorded in full HD (capable of producing in 6K) and have excellent post-production applications & equipment. The centre initially started to broadcast the video (then over extended C-Band, PAL/SD) targeting higher secondary schools and college students of the state of Goa. Subsequently, the facility was further extended to Education Department, Goa under Sarva Shiksha Abhiyan for training the primary teachers over the satellite mode. The facility was also used by Goa Medical College under Continuing Medical Education (CME) programme and various video conferences were conducted to train doctors and personnel from the medical field.

In recent years, DDLI is fully devoted to the production of Massive Open Online Courses (MOOCs). DDLI produced the first MOOCs in Marine Science under Annual Refresher Programme in Teaching (ARPIT) for India's first MOOCs platform SWAYAM (<https://swayam.gov.in/>) in the year 2018-2019. DDLI also encourages Goa University faculty to

generate e-content on the lines of SWAYAM for other universities too.

During initial period of academic year 2021-22, the pandemic forced academic institutions to remain shut, teaching-learning changed from conventional classroom to online mode. DDLI made every effort to train the teachers. Exclusive workshops & training sessions were conducted for the faculty in generating and producing e-content. This helped the faculty in producing bridge courses at post graduation level.

DDLI in association with Office of the Chief Electoral Officer, Goa produced and published a Short term E-Learning Course on Democracy and Electoral Management in India on the concepts of Democracy and the functioning of the largest Electoral Machinery in the world. The course includes in-depth demonstration on the function of the polling both and voting machines.

DDLI extended the facilities to Bal Bhavan, Goa in generating the video demonstration in the field of creative performance and creative art like stippling painting, clay modelling, bottle painting, mehendi and puppet making. These videos were produced in Konkani language which helped the children from Goa to understand and follow it better.

DDLI was also extensively engaged in production of video lecture modules for DISHTAVO (e-content for DHE, Goa) for college students. Thus, the centre is engaged in disseminating knowledge to a wide spectrum of populations bisecting geographical boundaries, languages, and socio-economic barriers and is committed to fulfilling the following objectives:

- To create a digital learning environment.
- Act as a catalyst between faculty and various modes of digital learning.
- Encouraging usage of teaching –learner ICT technologies.
- Providing exposure to the latest teaching tools.

Certificate Course in Konkani Language by Department of Konkani, Goa University.

Apart from this, the Directorate is also actively hosting training programmes for in-service teachers (as part of HRDC refresher/orientation programmes) in e-content development. Students of mass communication from various affiliated colleges and students from B.Ed colleges are trained in the use of ICT tools and integrating them into the formal education process. The directorate also provides services for video documentation, video conferencing, and webcasting to the university departments and other directorates.

Prof. Kaustubh R. S. Priolkar

Director, DDLI

3.4 DIRECTORATE OF VISITING CHAIR RESEARCH PROFESSORS PROGRAMME (DVRPP)

Goa University launched the Visiting Chair Research Professors Programme (VRPP) from 2013-14 to bring luminaries in the field of liberal arts & Literature, social and natural sciences, and other fields to the University. The visiting professors will interact with students, deliver lectures, offer courses, and work on collaborative research projects, or stimulate the creation of art installations and music performances with faculty and students. It is hoped that while blurring boundaries between traditional disciplines, the visiting professors will generate a creative environment in learning and contemporary knowledge production practices with their intellectual and aesthetic endeavors.

The Programme is being supported by Directorate of Art and Culture, Government of Goa and two chairs have been privately funded through generous grants.

List of Visiting Research Professors including the new appointments:

1. DD Kosambi Chair in Interdisciplinary Studies Prof. Romila Thapar; Dr. Sudhir Kakar; Prof. Madhav Gadgil; Prof. Shahid Amin; Prof. Dhruv Raina; Prof. Saurabh Dube; Prof. Ishita Banerjee Dube; Prof. Kumkum Roy; Prof. Peter D'Souza; Prof. Ramkrishna Ramasawamy; Prof.P J.Chериyan; Ms. Niraja Gopal Jayal
2. Dayanand Bandodkar Chair in Political Economy Prof. Amit Bhaduri; Prof Ashok Chandra; Prof. Satish Deshpande; Prof. Prabhat Patnaik; Prof. Rammanohar Reddy
3. Kavivarya Bakibaab Borkar Chair in Comparative Literature Prof. Ashok Vajpeyi; Dr. Sudhir Kakar; Prof. Jeet Thayil; Prof. Nirmala Jain; Prof. Uday Bhembre; Prof. Kiran Budkuley; Prof. Githa Hariharan; Prof. Vrinda Nabar; Prof. Anvita Abbi; Sachidanandan K.; Prof. Edwin Thamboo; Prof. Ganesh Devi.
4. Mario Miranda Chair in Art, Fine Art Prof. Jyotindra Jain; Prof. Arijit Sen Gupta; Prof. Vidya Dehejia; Ms. Shebha Chachi; Prof. Raman Sivakuma; Dr. Subodh Kerkar; Mr. Alexyz Fernandes

- | | | |
|----|---|--|
| 5. | Anthony Gonsalves
Chair in Western Music | Dr. Santiago Lusardi Girelli; Mark Troop; Ms. Patricia Rozario; Ms. Sonia Shirsat |
| 6. | Nana Shirgaokar Chair in
Indian Music | Smt.Shubha Mudgal; Shri. Ramesh Sukhthankar; Ustad Bahauddin Dagar; Smt.Bombay Jayashri; Smt.Vidya Shah; Smt. Vidya Rao; Shri. Ramesh Sukhthankar; Prof. Vrinda Nabar; Prof. Anvita Abbi; Sachidanandan K.; Prof. Edwin Thamboo; Prof. Ganesh Devi |
| 7. | Sant Sohirobanath
Ambiye Chair | Prof. B V Nemade; Prof. Somnath Komarpant; Shri. Milind Wakankar; Smt. Sonali Kulkarni- Joshi; Smt.Vidya Shah; Smt. Vidya Rao |
| 8. | J.H.Cunha Rivera Chair

(Funded by Camoes
Institute) | Prof. Hugo Canelas Cardoso; Prof. Susana Sardo; Prof. Amelia Polonia; Prof. Walter Rossa |
| 9 | Dalai Lama Chair in
Nalanda Studies(Funded
by Dalai Lama) | Ven Khenpo Tashi Tsering; Geshe Lhakdor |

VRPP – Salient Features & Achievements:

- Internationally reputed personalities from India and abroad provide unique opportunity for Goans to interact and learn.
- All courses/workshops/sessions are open to students as well as General Public.
- Integrated into University’s choice-based curriculum as credit courses as well as available as electives in affiliated colleges.
- Courses/activities are organized not only at the university but also in colleges affiliated to our university and other locations in Goa to benefit PG/UG students and the General Public. Certificates are issued to all the participants who complete the course.
- A dedicated website to disseminate all information related to VRPP Programme and online registration facility for all courses.
- Goa university formed its own western music choir and performed at prestigious festivals and places through efforts initiated due to VRPP.
- Documentation of Goans culture, social practices.
- Infused the young researchers in Goa with new ideas by engaging in dialogues.
- Created interest in liberal arts, Indian and western classical music & literature in the young minds.
- Most of the sessions have been video graphed and made available on the web/local intranet. This will serve as a source of knowledge in coming years.

- Created Facebook and Instagram id's to publish news of various activities to be conducted in Goa University.

List of activities/courses/workshops conducted under each chair

1. Mario Miranda chair in Art, Fine Art/ Painting/illustration cartooning etc.

- ▶ Prof Subodh Kerkar conducted courses on “PYO-120 : [Introduction to Contemporary Art](#)” – Two credit course open for students and public under Mario Miranda Chair in [Comparative Literature from 11TH](#) November to 22nd November, 2022.
- ▶ Mr. Alexyz Fernandes conducted a workshop on “A Workshop on Cartoon and Caricature Fun Shop” at Goa University for students and general public from 23rd November to 25th November, 2021.

2. Nana Shirgaokar Chair in Indian Music

- Akkarai Sisters conducted a Public Music Concert and interaction on violin music and music in current times three different places at Goa University, Institute of Menezes Braganza Hall and Museum of Goa, Pilerne from 28th October to 31st October 2021.

3. Sant Sohrobanath Ambiye Chair in Sant Sahitya

- Directorate of Visiting Research Professor Programme had conducted book publication of ‘तिसऱ्या सहस्रकारंभी भारतीय नाट्य आणि नाटककार’ on 13th October, 2022.

4. Dalai Lama Chair in Nalanda Studies (Funded by Dalai Lama)

- Ven Khenpo Tashi Tsering conducted online Lecture Series on Aspects of the Nalanda Tradition: The Methodologies of Enquiry, Understanding the Mind & its Training. The Nature of Consciousnesses from 19th April to 22nd April 2021.
- Geshe Lhakdor conducted “Introductory Course” open for students and public under Dalai Lama Chair from 06th December to 10th December, 2021.

Prof. Savita Kerkar

Director, VRPP

3.5 DIRECTORATE OF ALL INDIA SURVEY ON HIGHER EDUCATION (DAISHE)

The Directorate of All India Survey on Higher Education (DAISHE) collected the data from different sections of Goa University and uploaded the data (31st May 2022) through AISHE portal in the prescribed Data Capture Form (DCF)-I for Goa University.

The collection of data was done for the year 2021-22 under the following categories.

- Institution's Basic Details
- Details of Teaching staff
- Details of Non-Teaching staff
- Programme conducted under various faculties/Schools & Departments
- Students enrolled in these programmes
- Foreign students enrolled
- The regular Examination result of the terminal year of each Programme through the schools
- Placement details
- Financial Details such as Income and Expenditure under various heads (from 1st April 2020 to 31st March 2021)
- Availability of Infrastructure
- Library Resources
- Scholarships, Loans & Accreditation

DAISHE also collected the data of Association of Indian Universities (AIU) and was uploaded the same on AIU Portal.

The collection of data for AIU was done for the year 2021-22 under the following category:

- Institution's Basic Details
- Details of Teaching Staff
- Number of Students Enrolled
- Year establishment & Jurisdiction
- Details of affiliated colleges of the University
- University Officers
- Academic Information

- Details of Programs
- Details of International/ Foreign Students studying/ studied in the University
- Details of Library
- Hostel Facilities
- Sports Facilities
- Health Facilities
- Budget estimates Income-grants, Fees, Other sources and Expenditure

The DAISHE also assisted the AISHE College Nodal Officers in uploading the College data on the AISHE Portal.

Dr. Alaknanda Shringare,
Coordinator/Nodal Officer, AISHE

3.6 DIRECTORATE OF STUDENT’S WELFARE AND CULTURAL AFFAIRS (DSW)

The following Student’s welfare activities are looked after by the Directorate of Student’s Welfare and Cultural Affairs office.

- Formation of Goa University Students Council.
- Formation of University Campus Students Council.
- Activities: Plateaunica, Youthesia and Play Onn.

Due to the prevailing lockdown and online mode of classes the activities could not be held.

Processing/ Disbursing/ Sanctioning of University Scholarships/ Schemes during 2021-22:

- Merit Scholarship (**Disbursed to 523 Students**)
- Free Studentship (**Disbursed to 55 Students**)
- Students Aid Fund (**Disbursed to 02 Students**)
- Post Matric Scholarships on Directorate Social Welfare Portal (**Processed 46 Applications**)
- Gagan Bharari Schemes for ST students (**Sanctioned to 85 Students**)
- Post Matric Scholarships on National Scholarship Portal (**Sanctioned to 102 Students**)
- Bursary Schemes (**Processed 28 Applications**)
- ONGC Scholarship (**Disbursed to the topper of Applied Geology**)

Shri. Leo Macedo

Director, DSW

3.7 DIRECTORATE OF INTERNSHIPS, INCUBATION AND INDUSTRY PARTNERSHIP (DIIP)

Faculty Co-ordinators:

- Prof. Sandeep Garg, Director- President, Goa University-Institutional Innovation Council 4.0 (Oct 2021 - Aug 2022)
- Prof. S. N. Dhuri, Convenor, Goa University- Institutional Innovation Council 4.0 (Sept 2021 - Aug 2022)
- Dr. Elaine Dias, Coordinator, Atal Ranking of Institutions on Innovation Achievements (ARIIA)
- Mr. S. Baskar, Coordinator, National Innovation and Startup Policy (NISP)
- Mr. Jarret S. A. Fernandes, Coordinator, HACKATHON

Members of IIC Council 4.0 (2021-22)

Teaching/ Non-Teaching Staff Members	Student Members	External Expert Members
Prof.Sandeep Garg	DhilanVelip	Shri.Manguirish Pai Raikar- SR Consultancy Services
Prof.S.Krishnan	Annie Princy Nadar	Adv.Shalini Menezes-Sim Sim Advisory Pvt. Ltd.
Prof.Sunder Dhuri	Pai Ravina Ramanand	Shri.D.S.Prashant- Technology Business Incubator
Dr.PournimaDhume	VinayakR.Khanolkar	Ms.Kamakshi S. Pai- NABARD
Dr.NitinSawant	Veda Manerikar	Shri.Pravin Sabnis- Unlearning Unlimited
Dr.ElaineT.Dias	Komal Salkar	Dr. Vanita Prasad – REVY Environmental Solutions Pvt. Ltd.
Mr.JarretStevanAnthony Fernandes	Manasi Kamat	Dr. Kishore N. Gujar – Sinhgad College of Pharmacy
Mr. S Baskar	Shawn D'Souza	
Dr. Sheryl Oliveira Fernandes	Gayatri Kotkar	
Dr. Bhakti Salgaonkar	Siddhi Salgaonkar	
	Samiksha Malik	

Webinar/ Seminar/ Workshop/ Field visits organized:

Program Name	Date	Resource Person/s
Angel Investments	16 June 2021	Mr. Anil Joshi
Lateral Thinking: The Cheat Code for Innovation	18 June 2021	Mr. Deepak Pathania
Business Model Canvas (BMC)	13 July 2021	Mr. Venugoopal TR
Successful Startup Founders	20 July 2021	Ms. Rohini Gonsalves
Understanding the Incubation Process	23 July 2021	Mr. Venugoopal TR
Lean Start-up and Minimum Viable Products/ Business	27 July 2021	Mr. Ronald D'Souza
Entrepreneurship and Innovation as Career Opportunity	15 November 2021	Mr. Pravin Sabnis
Problem Solving and Ideation Workshop	17 November 2021	Mr. Pravin Sabnis
My Story – Motivational Session by Successful Entrepreneur/ Startup founder	19 November 2021	Dr. Vanita Prasad
My Story – Motivational Session by Successful Entrepreneur/ Startup Founder	23 November 2021	Mr. Akshat Tyagi
Design Thinking, Critical thinking and Innovation Design	17 February 2022	Mr. Ramchandra Salgaonkar
Process of Innovation Development & Technology Readiness Level (TRL) & Commercialization of Lab Technologies and Tech-Transfer	18 February 2022	Dr. Rajendra Gad
Entrepreneurship Skill, Attitude and Behaviour Development	24 February 2022	Mr. Ramchandra Salgaonkar
75 years of India's achievements and innovations in Physical Sciences	28 February 2022	Dr. Ramesh Pai
75 years of India's achievements and innovations in Agricultural Sciences	28 February 2022	Dr. R. Ramesh
How to plan Start-up and Legal and Ethical steps	24 May 2022	Shri. Mangurish Pai Raikar
Intellectual Property Rights and IP Management for Startup	27 May 2022	Adv. Shalini Menezes

3.8 DIRECTORATE OF STUDENTS PLACEMENT AND ALUMNI RELATIONS (DSPAR)

The Directorate of Student Placement and Alumni Relations (DSPAR) is involved in organizing annual placement fairs, conducting on-off campus placement for companies, conducting alumni meetings at the school levels or programme, organizing seminars/guidance workshops/ career counselling and disseminating information to students about job opportunities.

Goa University has two registered Alumni association (i) Goa University Alumni Association, Goa registered under Societies Registration Act. 1860 with Reg. No. 90/Goa/96. (ii) Chemistry Department Faculty & Alumni Association (CDFAA), Goa University, was started by Chemistry Department Council of Goa University registered under Societies Registration Act, 1860 with Reg. No. 491/Goa/2010.

Different alumni activities were conducted at school/discipline wise, some of the activities are, CDFAA in association with School of Chemical Sciences (SCS), organized 9th Annual Get-together cum Home-coming of M.Sc. Chemistry Students of 1996-98 batch along with their teachers on 26th January 2022, Samkalin Bharat Aur Premchand conducted by Shenoji Goemba School of Indian Languages and Literature on 31st July 2021. The Alumni also organized a reunion for itself to felicitate Prof. Andre Rafael Fernandes in February 2021. Goa Business school organized Alumni connect lecture series in April 2022, etc.

During the year, several companies approached for recruitment of management/sales trainees, chemist/trainee production for pharmaceutical companies, etc. The information was disseminated to respective departments/schools and the students applied to the companies. Some of the eminent organization conducted placements for our students like, Syngenta Biosciences Ltd, Deccan Fine Chemicals, Godrej Pvt. Ltd., Molbio Diagnostics Pvt. Ltd., Imperial Wealth Services and Fomento Mining etc.

Additionally, the Schools/ programme conducted several webinars/workshop to the students about the pre-placement talk, skills enhancement and career counselling talk.

Dr. Rupesh Patre

Director, DSPAR

3.9 DIRECTORATE OF INTERNATIONAL COOPERATION AND EXCHANGE (DICE)

Activities Conducted:

- Mr. Franz Schubert Cotta, Asst. Professor, Discipline of Portuguese, visited University of Porto under the Mobile UP staff exchange programme project under MoU with said University within the Erasmus + framework financed by European Commission. Mr. Franz delivered lectures on “The influence of Portuguese language on Konkani” and “Litany in Goa: A Practice in Transformation”.
- Dr. Maria Jose visited Shenoi Goembab School of Languages, Discipline of Portuguese and delivered lectures in Portuguese culture and rituals under inter-institutional agreement between Goa and University of Porto in Erasmus + framework.
- Mr. Domingues de Almeida visited Shenoi Goembab School of Languages, Discipline of French and delivered lectures in Francophone literature under staff exchange programme under the MoU with University of Porto within Erasmus + mobility programme.
- School of International and Area Studies organized international conference ‘100 Years of CPC and Future of China’ in December 2021 in association with Institute of Chinese Studies, New Delhi under the MoU.
- Ms. Divyali Mehrotra student of Discipline of International and Area Studies completed student exchange programme under MoU with Sciences Po, Lyon, France.
- Mr. Kaivalya Deshpande, student of Discipline of French completed student exchange programme under MoU with Sciences Po, Lyon, France.

Prof. Koshy Tharakan

Director, DICE

3.10 DIRECTORATE OF RASHTRIYA UCHATTAR SHIKSHA ABHIYAAN (DRUSA)

Goa University was sanctioned total grant is 20.00 Cr. under RUSA 2.0 in the 15th meeting of the Project Approval Board (PAB) of RUSA held on 24th January 2019. The first instalment of Rs. 10.00 Cr. was released on 2nd January 2020 under RUSA@2.0 grants while only Rs. 3,17,11,672 (out of second instalment of Rs. 10.00 Cr.) was received from Goa RUSA under PFMS Payment through Canara Bank, DHE, Govt. of Goa from January 2022 onwards.

The first installment of Rs. 10 Cr. was fully spent for purchase of “High End Equipment” which is placed in the ‘Materials Characterisation Laboratory’ of Goa University and are fully functional.

The status of the ‘New construction work (on-going and completed)’ under [RUSA@2.0](#) is given below:-

Sr. No	Name of new construction	Amount allotted from RUSA@2.0 (Rs.)	Date of advertisement	Date of purchase order	Payment status (Rs.) till date	Work Status: Ongoing/ Completed
01	Construction of building for Computer Science & Technology (without data centre)	6,80,000.00 (Total cost of lowest tender accepted is Rs. 10,26,61,414/- without tax)	29/05/2021	09/07/2021	2,11,50,431.00	Ongoing
02	Construction of classroom annex for faculty block F	3,20,000.00 (Total cost of lowest tender accepted is Rs. 2,83,49,974.65 /- without tax)	28/04/2020	08/10/2020	2,64,71,170.00	Ongoing

The details of fund released under [RUSA@2.0](#) is given in the table below (Figures in Lakhs):-

Component sanctioned	Total amount sanctioned (Rs)	Central share released (Rs)	Date/ year of release	State share released	Date/ year of release	Total fund released (Rs)
Infrastructural Grants to University	20,00,00,000.00	6,00,00,000.00	2/1/2020	4,00,00,000.00	2/1/2020	10,00,00,000.00

		58,03,912.00	2021-22	38,69,274.00	2021-22	96,73,186.00
		1,32,23,042.00	2022-23	88,15,394.00	2022-23	2,20,38,486.00
					Total	13,17,11,672.00

Year-wise funds released and utilized under [RUSA@2.0](#) (till date) is as follows:-

FY 2021-22 (Rs.)		FY 2022-23 (Rs.)	
Released	Utilised	Released	Utilised
96,73,186.00	1,73,10,164.00	2,20,38,486.00	2,48,80,501.00

Prof. Vidhyadatta M. Shet Vernekar

Director, DRUSA

3.11 DIRECTORATE OF FOREIGN STUDENTS (DFS)

- The year 2020-21 being the period that marked the onset of the COVID-19 pandemic, the academic year 2021-22 has been a special year from viewpoint of admissions of foreign students on account of continuing situation of COVID-19 pandemic and re-entry of Taliban in Afghanistan, the country that exports most of the foreign students on Goa University campus. The Directorate of Foreign Students facilitated admission of 35 Afghan students with benefit of incremental ICCR scholarships by liaisoning with ICCR headquarters.
- Directorate of Foreign Students in association with ICCR, Goa organized an interaction session for foreign students with Mr. Malkit Chand, Director, ICCR, New Delhi. Mr. Malkit Chand apprised the students about the efforts being undertaken by ICCR to streamline scholarship process and interacted with foreign students on various issues pertaining to scholarship and visa extension.
- As part of the ongoing celebrations of Azadi Ka Amrit Mahotsav, the Directorate of Foreign Students in association with the Passport Office, Panaji and ICCR, Goa organized a Lecture on “Significance of 75 Years of Independence of India” with Dr. Dattesh Parulekar as resource person.

- A special quiz on the theme “India’s Freedom Struggle” was organized during the occasion with exclusive participation of foreign students. A total of 10 enthusiastic teams comprising of 2 foreign students per team participated in this quiz.
- Tree Plantation Programme Under Azadi Ka Amrit Mahotsav Celebrations - Further, as part of ongoing Azadi Ka Amrit Mahotsav celebrations, the Directorate of Foreign Students in association with the Passport Office, Panaji and ICCR, Goa organized a Tree Plantation Programme at Goa University. A sapling of one of the most sacred trees in Indian tradition, the Ashoka tree was planted on the occasion at the hands of Prof. Harilal B. Menon, Hon. Vice-Chancellor, Goa University at the plant nursery of International Guest House in the University premises. In the presence of officials of Passport Office.
- Directorate of Foreign Students published the second edition of its Annual Magazine – “**My Journey**” highlighting the activities of the directorate during the academic year 2020-21 along with article contributions from foreign students on their experiences of living in India and studying at Goa University.
- DFS organized a Student Interaction Programme with Mr. Eghosa Osaghae, Director General, Nigerian Institute of International Affairs, Nigeria in March 2022.
- Elocution competition for foreign students “Aisa Des Hai Mera..!” was organized in the month of March 2022.

Dr. Harip Khanapuri

Director, DFS

3.12 DIRECTORATE OF INTERNAL QUALITY ASSURANCE (DIQA)

Information gathering, monitoring and dissemination:

- Development of tools and techniques for information gathering
- Online student feedback. This is then distributed to the concerned teachers at the Schools/ Department Council level
- Online collection of information on academic output from every faculty member— essentially all items reported for the Annual Self- Appraisal as per UGC guidelines
- Development of formats for collection of departmental information, revising the formats based on additional information requirements

Advantages: Information collected ONLY ONCE for all requirements

- Redesigning of the Departmental and Faculty pages on the website with links to the above-mentioned databases.

Advantages: The faculties don't have to update their pages. This gets automatically updated with the information provided by him/her.

- Digitization of old Annual Reports and making them available on the University's website.
- Compilation of legacy metadata along with full-text of publications for the repository.
- Information monitoring and dissemination.
- Compilation of reports on the data gathered, graphics, and presentation to the management for quality assessment at AQAR meetings
- Compilation of Departmental Annual Reports
- AQA Report preparation and submissions.
- Providing information as available against queries under RTI Act on IQAC matters
- Building of quality databases on academic information and making them available via the University's website routinely on Publications (in the form of university full-text repository), including Ph.D. theses (theses input by the library) (dissemination at Departmental, faculty level)
- Presentations of research results at various conferences/seminars, etc. (dissemination at faculty level)
- Externally funded projects (dissemination at Departmental, faculty level)
- Ph.D. students (dissemination at University, Departmental, faculty level)
- Events organized during the year (dissemination at the Departmental level)
- List of the courses taught and time-tables of various programmes/semesters to facilitate the functioning of the CBCS system
- Advantages: Single point collection of information and generation of spin-off products, Up-to-date information on the website
- Feedback collection and analysis

Activities during 2021-22

- Submitted SSR to NAAC
- Assessment by NAAC Peer Team

- Submitted AQAR for AY 2020-2021
- Submitted NIRF - 2022
- Submitted The Week magazine data
- Submitted The QS Asia ranking data
- Submitted India Today Data

Director, DIQA

Prof. Sunder Dhuri

3.13 DIRECTORATE OF UNNAT BHARAT ABHIYAAN (DUBA)

Unnat Bharat Abhiyan (UBA) is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. UBA has adopted 5 villages and carried out different activities for its betterment. UBA has different themes like Energy Management, Greenery, Sanitation & hygiene, Waste management, Water management, Marine farming, Educational outreach and different activities are carried out based on these themes. UBA also has Swachh Bharat Student Internship (SBSI), Social Entrepreneurship, Swachhata & Rural Engagement Cell (SES-REC) and Swachh Bharat Abhiyan under which activities are carried out.

B) Activities conducted during the period from June 2021 to May 2022

The activities conducted under Unnat Bharat Abhiyan (UBA), Social Entrepreneurship, Swachhata & Rural Engagement Cell (SES-REC), Swachh Bharat Student Internship (SBSI) and Swachh Bharat Abhiyan are as follows:

- Felicitation Programme under Unnat Bharat Abhiyan by Goa University in Madkai Panchayat Hall on 24th May 2022.
- The School of Chemical Sciences (SCS), Goa University in association with Educational Outreach Committee - (SES-REC-DUBA) organized “a webinar” on the theme “Financial Planning and Wealth Management” in virtual mode. The Webinar commenced on 4th Feb. 2022 at 03:00 pm which was headed by Dr. Pranay Morajkar (SCS) and Dr. Rupesh Anta Kunkalkar (SCS) was the Convener of the webinar. Mr. Anup Prabhu Verlekar, Certified Financial Planner CM was invited as the speaker for the talk on Financial Planning and Wealth Management.

- Through GU's flagship program of Swachha Bharat Student Internship (SBSI) as a part of Unnat Bharat Abhiyan, 30 student interns along with Faculty mentors attended awareness programs on scientific techniques of Mushroom cultivation at ATMA Goa in December 2021.
- The Educational Outreach Committee (EOC) of Social Entrepreneurship, Swachhata and Rural Engagement Cell (SES-REC), Goa University in collaboration with Agriculture Technology Management Agency (ATMA), Directorate of Agriculture, Government of Goa organized a Workshop titled "Mushroom Cultivation: Scientific Techniques, Economic Perspectives & Challenges" on 4th March 2022 at 2.00 p. m. at Ela farm, Old Goa for the Goa University Swachh Bharat Student Intern (SBSI). Prof. Jyoti Pawar was the Convenor of SES-REC, Goa University, and Dr. Pranay Morajkar was the convenor of the event and Chairperson for EOC, SES-REC. Shri. Kishore Bhave, Project Director of ATMA, Smt. Vismita Marathe, Deputy Project Director, ATMA, Government of Goa, and Shri. Shivanand C. Volvoikar, Director of Vana Shrubs Private Limited graced the occasion with their presence.
- The Swachh Bharat Student Internship (SBSI) 2020-21 winners were felicitated at the hands of His Excellency, Honourable Governor of Goa and Chancellor of Goa University, Shri. P.S. Sreedharan Pillai. Dr. Reshma Raut Desai, Co-ordinator of the Astronomy Education Outreach of SES-REC compered the felicitation programme. The details of the felicitated winners are placed as ANNEXURE. A maximum of 3 interns from each winning team were invited along with their mentors, co-ordinators and Principals or Dean/Program Directors from respective Colleges/Schools to receive the Certificates of Appreciation.
- Director of Indo-German Science & Technology Centre, Shri R. Madhan was invited to the Dept. of Microbiology, Goa University. Shri R. Madhan visited Goa University on 23rd December 2021. The meeting was held at Goa University's International Guest house-meeting hall. Dean of Life Sciences and Environment, Prof. Bernard Rodrigues welcomed the Indo-German Science & Technology Centre Director at Goa University. Dr. Lata Gawade, Asst. Professor, Microbiology Department. Introduced Shri R. Madhan to all the faculties present for the meeting. Shri R. Madhan delivered a talk briefing about the mission and vision of IGSTC and also the various fellowships and funding opportunities provided by IGSTC for Indo-German bilateral collaborations and otherwise.
- The School of Chemical Sciences (SCS) in association with Directorate of Unnat Bharat Abhiyan, Goa University, organized an invited talk on "Observational Astronomy" and a

stargazing activity on 8th December 2021 from 5:00 - 8:30 pm at the SCS, Goa University. Dr. Reshma Raut Dessai, Assistant Professor, School of Physical and Applied Science, Goa University was the resource person for the event. She delivered the talk titled "Observational Astronomy" at Auditorium, SCS, Goa University followed by star gazing activity at the School of Chemical Sciences campus.

- Sanitation drive was conducted on 4th October 2022 outside SEOAS Block under Swachh Bharat Abhiyan.
- Cleanliness Drive was held on 25th March 2022. Participants were from the Discipline of French and Francophone Studies.
- An International Coastal Cleanup (ICC) day program was organized by the school of Earth, Ocean and Atmospheric Sciences (SEOAS), Goa University (GU) at Miramar beach, Goa on 24th September 2021. This event was funded by National Centre for Coastal Research (NCCR), Ministry of Earth Sciences (MoES), Chennai. This initiative was part of the Ocean Conservancy, Washington and Swachh Sagar campaign, India. It was the first time NCCR had collaborated with GU for such a cleanup activity. A total of 107 participants including students and staff of SEOAS, GU had registered and participated in this program.
- The discipline of Hindi, Shenoji Geombab School of Languages and Literature had participated in campus cleaning programme held by Goa University on 25th March 2022. Students along with teachers cleaned the area surrounding the Block-B building.
- As a part of SBSI, Swachh Bharat outreach activity a webinar was conducted on the occasion of Earth Day on 22nd April 2022.
- As a part of SBSI activity under the solid waste management theme, the students had visited the Hindustan waste treatment facility on 17th May 2022. A team of 5 students along with engineer Sameer Natekar has visited the Hindustan waste treatment.
- As a part of SBSI, students of Zoology, Meme Competition was conducted for all age groups and main themes for this competition were plant-animal interaction, sanitation and hygiene, pollution, quality education and global warming.
- As a part of SBSI, students of Zoology, Photography Competition was conducted for all age groups based on two themes which included; 1- Habitat destruction is a threat, nearing our death, 2- Biodiversity of Goa.
- As a part of SBSI, students of Zoology, a competition was conducted to document the indigenous knowledge which was open to all age groups, for making people aware about our

traditions and heritage.

- As a part of SBSI, students of Zoology, a poetry writing competition was conducted based on two themes; 1- Say not to Ragging, 2-Vanishing Greenery. This competition was kept open for all age groups and received entries of budding poets with their beautiful poems having great harmony of words.
- As a part of SBSI, students of Zoology, the poster competition conducted was based on two themes; Underwater Pollution and Global Warming. An artistic approach was made through this competition so that the audience viewing it would be more aware of the consequences spread through such issues related to the themes above.
- As a part of SBSI, students of Zoology, Best of Waste competition was conducted which was completely based on utilisation of waste which is nonbiodegradable leading to its decline.
- As a part of SBSI, students of Zoology, The Fancy Dress competition was conducted for children specifically for the age group 7-14 years based on the theme Healthy Diet. The healthy diet is an important aspect for the children since it is the building block for their growth and development, not only physical but also mental and emotional.
- As a part of SBSI, students of Zoology, competition was conducted for education outreach based on two themes; 1- Innovative teaching aids for effective learning and 2- Unique online teaching strategies.
- As a part of SBSI, students of Zoology, Face painting competition was held for all the age groups based on two themes; Pollution in Ocean and Handle with care, plastic is everywhere. This competition was conducted to reduce plastic which has been a major issue in today's world.
- As a part of SBSI, students of Zoology conducted cleanliness drive at three places; Nuvem village, Colva Beach and Borda, Margao. Although clean-ups won't completely help in getting rid of the waste, continuous efforts can surely make a change.
- As a part of SBSI, students of Zoology organised a workshop for children and the date was decided as 3rd June 2022 and venue was a small ward of Nuvem village. After discussion, making of paper bags and paper making were two activities planned.
- As a part of SBSI, students of Zoology conducted a bicycle ride in Village Paroda.
- As a part of SBSI, students of Zoology organized 2 activities on occasion of world environment day i.e., the cleanliness drive and the plantation drive. Our aim was directed towards a clean and green environment.

- As a part of SBSI, students of Zoology of second group, conducted activities like, setting up of artificial water source for animal in a housing society, shared documentary on ‘amche kulgar’, poster making on Science in everyday life, Biodiversity walk at tamdi surla, seed bank creation and awareness, development of hosting plant of butterflies poster, setting up compost pit, cleanliness drive, survey on waste management, best of waste competition, survey on mental health hygiene, webinar on menstrual myths and facts, online fancy dress competition theme ‘personal hygiene’, webinar on awareness on waste management.
- As a part of SBSI, students of Chemistry, created awareness about different aspects through our instagram page (@sbsi. greenhexad) to spread awareness about sanitation and hygiene, waste management, water management, energy management and greenery.
- As a part of SBSI, students of Chemistry contributed towards beach clean-up on Colva Beach, and Cacra beach.
- As a part of SBSI, students of Chemistry performed a street play to bring people’s attention to the issue of rising plastic pollution so that the people are more aware about the harmful effects of plastics in the environment.
- As a part of SBSI, students of Chemistry conducted an activity within our group members “Best out of waste” on 7th June 2022 where they utilized waste items available in our houses like plastic bottles, CD's etc. to make articles of décor.
- As a part of SBSI, students of Botany, prepared biofertilizer like organic compost and vermicomposte and distributed the prepared organic fertilizer amongst the local of Amdai Sanguem Goa, with the motive to create awareness about the use and advantages of it and also informative talk session was organized in different schools to impart the knowledge of organic manure and its pros to the environment and also organized three competitions on the theme of greenery.
- As a part of SBSI, students of Electronics, conducted different activities like encouraging paperless work through digital posters, campus and department waste segregation, making of paper bags, distribution of paper bags, making posters and banning use of plastic through poster under the theme of waste management. They also conducted activities like literature survey, audit of building wise monthly use of electricity on the university campus under the energy management theme. They also conducted activities like clean surrounding, poster making and conveyed the importance of cleanliness with the help of posters.
- As a part of SBSI, students of Marine Microbiology, conducted campus cleaning at campus

and at Adopted village. They also conducted awareness talk on waste management at government primary school-Shirdona and Santacruz. They also conducted poster making, survey at different villages, paper bag making and distribution, making organic fertilizers.

- As a part of SBSI, students of mathematics, conducted surveys on Usage and Conservation of Electricity, Awareness through video on save Energy, Poster Making.
- As a part of SBSI, students of Microbiology conducted activities like, creating awareness on waste management, eco-friendly agricultural practice, kitchen gardening, awareness about energy saving through wall painting in adopted villages, cleaning building, rooms and surroundings, demonstration of scientific exhibits in schools and colleges affiliated to Goa University.
- As a part of SBSI, students of Microbiology, conducted project of mushroom cultivation, poster making for mushroom cultivation, workshop on how to grow oyster and milky mushroom, cleanliness drive and survey on menstrual hygiene.
- UBA has set up the GU's first mushroom cultivation and incubation centre which will now serve as a skill development centre for local farmers and villagers.

C) Schemes provided to Students during the period from June 2021 to May 2022

Post Graduate and Ph. D students who do not avail any scholarships are engaged on hourly basis to perform jobs/functions other than routine office work such as general assistance, teaching, data collection / compilation, programming, library activities, surveys, etc., within University for restricted number of hours per week. Students as well as the University are benefited of this mutual cooperation. A small fund of Rs.1,00,000.00 has been earmarked for this activity. Matching students for the job and assigning the opportunity is one of the important activity of the Directorate.

Prof. Jyoti D. Pawar

Director, DUBA

3.14 DIRECTORATE OF EQUAL OPPORTUNITIES (DEO)

Directorate of Equal Opportunities (DEO), Goa University oversees the implementation of policies and programmes for the disadvantaged groups within Goa University. The DEO also offers guidance with respect to availing of financial, social and educational opportunities sponsored

under the various Government Schemes for students from the marginalized. The Directorate of Student Welfare (DSW) at Goa University sends notifications regarding the same.

The DEO also oversees that in addition to the schemes meant for SC and ST students coordinated by the Directorate of Higher Education, Government of Goa, Goa University offers Merit cum Means scholarships to deserving students and for students from Economically Weaker Sections, Free Studentship by way of waiving of the Tuition Fees is also provided through the DSW.

Besides the above economic incentives to ensure Equal Opportunity to the students from the disadvantaged group at Goa University, a few online lectures were organized in collaboration with the Department of Philosophy/School of Sanskrit, Philosophy and Indic Studies, Goa University to create awareness about the need to recognize the value of Equal Opportunities across Gender, Caste, and Race. Given below are the details of the same:

- Prof. Pradeep P. Gokhale (Honorary Adjunct Professor, Department of Pali and the Department of Philosophy of Savitribai Phule, Pune University): “Dr. B.R. Ambedkar’s approach to Buddhism.” 6 August 2021, 3.00 PM to 5.00 PM.
- Dr. Sophia Stone (Associate Professor of Philosophy at Lynn University in Boca Raton, Florida, USA and President and Founder of Wisdom’s Edge Foundation, Inc.): “Philosophy for Communities in Transition.” 22 October 2021, 3.30 PM to 5.30 PM.

Prof. Koshy Tharakan

Director, DEO

PART 4

FACILITIES AND INNOVATIVE PROGRAMMES

4.1 COMPUTER CENTRE

The University Computer Centre was set up way back in 1987 with the assistance of UGC to establish a Central Computing facilities in the campus. Since then, it has been providing all kinds of IT services to the Administration, faculty as well as the students of the University. It has also provided software solutions to various University activities including Administration, Finance and Examinations. Computer network, Internet services and the Data Centre are also the major IT infrastructure which are being provided and maintained by Computer Centre.

The Computer centre is also responsible for the maintenance of the University website. The main website is maintained on a cloud server whereas the same is linked to the databases maintained on the local server. The traffic increases multi-fold during the admissions and results of the university programmes. It is ensured that the visitors do reach to desired destinations without difficulty

Shri. Sanjay Bhandodkar

Head of Computer Centre.

4.2 LIBRARY

The Goa University Library and Information Centre was established in the year 1985. It was then part of the Post Graduate Centre of Bombay University (CPIR). From its modest collection of books, this library has developed into a huge library with modern facilities.

At present, the library has a collection of 183201 books and 10983 volumes of bound journals. The library subscribes to 43 periodicals. The library is getting a large number of periodicals on gratis too.

The library is automated for its routine works and the entire collection is bar-coded. The library services are being done through an Open-Source Integrated Library Management Software Koha. Users can easily get aware on the availability of books and they can reserve and renew the books themselves through this software.

The library also offers access to general reference materials like the Encyclopedia Britannica and Encyclopedia of Science and Technology, World Book Encyclopedia, and Oxford English Dictionary.

Library Website

The library website can be accessed at the URL www.library.unigoa.ac.in. This website is developed using an Open-Source Content Management System Wordpress. We have developed a huge Knowledge Portal with it, which links to multifarious information resources on the Internet. All online resources of the library are linked on this page. We have added 214 e-books on various subjects to our collection. A huge list of online resources is also available on this page.

UGC e-ShodhSindhu Consortia

Goa University Library, being the first phase member of the UGC eSS Consortia, avails the IP authenticated e-journals from the Inter-University Centre of the UGC namely the INFLIBNET Centre, Ahmedabad. eSS provides thirteen databases to Goa University. University stands at the top most rank in the usage of these e-journals.

Databases (e-Resources) Subscribed by Goa University

A large number of online resources (full-text journals, citation & abstracting services, federated search engines, statistical tools etc.) are available to the users of the library through University funds. There are such 13 databases and two research assistance tools provided to the end users. The links to all these are provided via the Knowledge Portal available at <http://www.unigoa.ac.in/library/knowledge-portal/>. The off-campus access to these resources is provided through Shibboleth software provided by UGC INFLIBNET.

Institutional Repository

The Goa University Library has digitized its 1103 theses and uploaded them to the Digital repository created using the Open-Source Software DSpace. We have started uploading postgraduate dissertations and grey literature related to the University.

Goa University Library had a major role in the development of the Konkani Encyclopedia using the Konkani Vishwakosh published by the University. The entire encyclopedia volumes were digitized and copies are also available in our repository for download.

Browsing Facility

The library has 25 computers attached to the Internet, which the faculty and students can use for

browsing the net. It has access to the 1GB campus-wide connection. The library is also Wi- Fi enabled.

Activities conducted by the Library

University Library is in charge of checking research reports for Plagiarism. Students are given help in checking their research reports for Plagiarism. All our Ph.D. thesis being submitted are also subjected to Plagiarism checking.

Goa University Library conducts demonstration sessions on several databases and statistical tools being in association with specific department which gives hands-on experience to the end users and also creates awareness so that the usability of e-Resources increases

Regular Orientation sessions were given to the fresh students of the University.

Dr. Carlos Fernandes

I/C Librarian

(July 2021 to 13 March 2022)

Dr. Sandesh B. Dessai

University Librarian

(14 March 2022 till date)

4.3 SPORTS ACTIVITIES

All sports activities are organized systematically and in a sporting atmosphere as per the schedule approved by the Sports Council. Students participating in sports are given benefit of marks and attendance as per Goa University Ordinances.

Goa University has rich sports infrastructure at its campus for post-graduate students at the University campus, besides coaching and intercollegiate tournaments. Various intra-mural events for post-graduate students are also conducted using this infrastructure.

Outdoor Infrastructure includes: Cricket ground, Standard 400M Athletics track, Football ground, Volleyball court, Basketball court, Concrete batting pitch for net practices, Kabaddi court.

Indoor (Silver Jubilee hall) is used for conducting activities like Chess, Judo, Weight Lifting, Power Lifting, Best Physics, Tennikoi and Taekwondo

Due to the covid-19 pandemic, no events were held in Sports Section, Goa University for the year 2021-2022.

Shri. Balachandra B. Jadar

Asst. Director of Physical Education & Sports

4.4 U.G.C. HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)

The UGC- Human Resource Development Centre Scheme is an outcome of National Policy on Education (NPE) (1986). The NPE in its programme of action makes a pointed reference to the crucial link between teacher motivation and quality of education. Since teachers occupy a key position in the education system, the quality, competence and character of teachers are of utmost importance. They influence the standard of education and thus contribute to national development. The UGC-HRDC was established with the objective of acting as an agency to bring about changes and development in education. It is meant to involve itself in the improvement in the Management of Higher Education, and to bring about a closer linkage between society and Higher through meaning study and research.

The UGC-HRDC at Goa University has been conducting Orientation Courses (Faculty Induction Programmes) since its establishment from February 1988. In addition to Faculty Induction Programmes, Refresher Courses and Short Term Courses, the UGC-HRC has been regularly organizing Seminars/Conference/Interaction Programs/Meets and other academic activities.

In keeping with the recent advances in information Technology, the UGC has given a major thrust to IT and its applications. Due to pandemic the Refresher Courses/Faculty Induction Programmes and the Short Term Courses were held online. Webinars and a Workshop on NEP 2020 were also held online.

Till date the UGC-HRDC at Goa University has completed 113 Faculty Induction Programmes (Guru-Dakshta) and 206 Refresher Courses catering 3941 and 6142 participants respectively. Besides this, there were also Short Term Courses. During the year 2021-22 the UGC-HRDC, conducted four Faculty Induction Programmes (Guru Dakshta), six Refresher Courses in the subject of Natural Sciences, Commerce/Management, Languages Comparative Literature & Cultural

Studies (Inter-Multidisciplinary), Environmental Sciences (Inter-Multidisciplinary), Life Sciences (Inter-Multidisciplinary) & Political Sciences (Inter /Multidisciplinary), five Short Term Courses in Yoga/Spiritual Values, Women Empowerment, Teacher Educator, Gender Inequality, Research Methodology. A seminar was conducted on Research Methodology, and Webinars on Yoga and Wellness, MOOC's Development and Delivery, Kapalbhathi and Pranayam and a Workshop on NEP 2020: Energized and Capable Faculty . Thus the year 2021-22 was productive, active and was very helpful for several teachers both at UG and PG level belonging to various states of the country. All the courses were well appreciated by the participants and resource persons.

Refresher Courses/Faculty Induction Programmes/Short Term Courses/Others conducted in 2021-22

Sr. No.	Courses Conducted	From	To	Number of Participants		
				Male	Female	Total
1	Short Term Course in Yoga and Spiritual Values	15.06.2021	21.06.2021	19	15	34
2	Refresher Course in Natural Sciences	27.07.2021	09.08.2021	17	13	30
3	110 th Faculty Induction Programme (Guru Dakshtha)	03.08.2021	06.09.2021	14	25	39
4	Refresher Course in Commerce / Management	17.08.2021	30.08.2021	17	13	30
5	111 th Faculty Induction Programme	21.09.2021	28.10.2021	15	20	35
6	Short Term Course in Women Empowerment	05.10.2021	11.10.2021	18	20	38
7	Refresher Course in Languages, Comparative Literature & Cultural Studies	20.10.2021	02.11.2021	31	07	38
8	Refresher Course in Environmental Sciences	09.11.2021	22.11.2021	19	14	33
9	112 th Faculty Induction Programme	16.11.2021	21.12.2021	20	18	38
10	Short Term Course in Teacher Educator	30.11.2021	07.12.2021	14	09	23
11	Refresher Course in Life Sciences	11.01.2022	24.01.2022	16	22	38
12	Short Term Course in Gender Inequality	18.01.2022	24.01.2022	14	16	30

13	113 th Faculty Induction Programme	01.02.2022	09.03.2022	12	26	38
14	Short Term Course on Research Methodology	08.02.2022	14.02.2022	30	09	39
15	Seminar on Research Methodology	21.02.2022	21.02.2022	21	35	56
16	Refresher Course in Political Sciences	02.03.2022	15.03.2022	25	15	40
17	Webinar on Yoga and Wellness	22.03.2022	22.03.2022	33	25	58
18	Webinar on MOOCs development and delivery	29.03.2022	29.03.2022	08	29	37
19	Webinar on NEP 2020: Energized and Capable Faculty	20.04.2022	20.04.2022	17	19	36
20	Webinar on “Kapalbhati and Pranayam”	12.05.2022	12.05.2022	16	12	28

Prof. Purva G. Hegde Desai

I/C Director, HRDC

4.5 HOSTEL ACTIVITIES

a. Activities in the Men’s Hostel from June 2021 to May 2022:

A cleanliness drive was conducted on 1st and 2nd April 2022 in the Men’s Hostel to clean the premises of the Men’s Hostel-I (PG Hostel) and Men’s Hostel-II (Ph.D Hostel).

All the hostel students participated in the cleanliness drive along with the Warden and Chief Warden.

Chief Warden, Men’s Hostel: Prof. Nilesh Borde

Warden, Men’s Hostel: Dr. Narayan Vetrekar

b. Activities in Women’s Hostel (2021 – 2022)

● Sky Observation at Women’s Hostel Goa University

The Astronomy Outreach under the Directorate of Unnat Bharat Abhiyan (D-UBA) organized star gazing and observation of constellations, using 6 inch reflector telescope at Women’s hostel Goa University on 7th February 2022. The programme was conducted by Dr. Reshma Raut Dessai, Assistant Professor in Physics at of SPAS, Goa University.

30+ students from ladies hostel observed through 6” telescope stars, planets moon, the craters on the moon, nebulae. The event was also in line with our efforts in organizing programs under "Azadi Ka Amrut Mahotsav" to celebrate 75 years of Independence.

- **An 21 Days Yoga Workshop** was conducted by Dr. Reshma Raut Dessai and Ms, Sulochana Pednekar from 22nd March 2022. The resource person for the workshop was by Dr. Reshma Raut Dessai, Assistant Professor, School of Physical and Applied Sciences and also a trained Yoga Teacher. The workshop was attended by 20 students from Ladies hostel I , II and III.

Dr. Priya M. D’Costa
Chief Warden, Women’s Hostel

Dr. Reshma Raut Dessai,
Warden, Women’s Hostel

Dr. Shraddha Naik
Warden, Women’s Hostel

4.6 HEALTH CENTRE

The Goa University Health Centre is the basic primary health center situated in the premises of the Goa University Campus. The Health centre has one female Doctor and a female Nurse. It is barely 5 minutes away from the most advanced super specialty, tertiary health centre of the Goa, the Goa Medical College on its right side and the most advanced private hospital Manipal Goa Dona Paula on its left side. Situated at the National highway next to the Gymnasium, opposite the post office.

The 108 Ambulance service is stationed at the health centre for emergencies from the University and the surrounding villages. The Health Center comprises of following facilities: Ramp access for the disabled, patient examination room, the treatment room, the pantry, observation room and western toilets.

Activities Conducted:

- May 2022: COVID Precautionary vaccine dose in association with Primary Health Centre, Chimbel was organized. 49 staff and students took the dose.
- May 2022: Breast cancer screening camp was organised in association with YUVA I-CAN Foundation. 158 women staff, students, relatives of staff and village women were examined.
- April 2022: A talk on Nutrition and Diet was organized in association with Ms. Nina Figueredo. 53 staff attended the talk.
- March 2022: Ophthalmic Eye Check Up Camp was held in association with ASG Hospital Caranzalem. 83 staff and students were examined.
- November 2021: Breast Cancer Screening Camp was organised in association with Primary Health centre Chimbel. 23 Women staff and students were examined.
- August 2022: Health and Diet talk was organised in association with Nina Figueredo.

Services and Facilities provided includes: Routine and emergency health consultation; Emergency management; Injections and dressings of wounds; Tetanus Vaccinations; Nebulisations; Blood Glucose detection; Mental Health counselling; Mental health emergencies management; Health camps and health educations; Issuing certificates of sickness and fitness; Issuing fitness certificates for hostel fitness, swimming fitness and driving license; Provides health cover during sports events; Prevention of vector borne disease in association with Estate Division and Primary Health Center, Chimbel

4.7 ESTATE MANAGEMENT

a. Activities under Engineering/Technical Services Division

- Construction, development under new projects, associated works and major maintenance work (civil and electrical, renovation/ repairs including painting) of the University buildings
- Construction/ maintenance of roads
- Establishment, maintenance and distribution of water/ electricity supply/ sewage system
- Safety of University buildings, extensions to existing structures/ premises and University's land/ Estate
- Convene the meetings of the Building Committee and record proceedings

b. Activities under Estate Administration and Allied Services Section

- Housekeeping services to maintain cleanliness in the University buildings and premises including garbage collection keeping in mind Swacch Bharat action plan
- Horticulture / gardening and landscaping, making/ fixing of sign boards
- Control of wild fire and other fire related matters
- Disinfestation of university property
- Maintenance of furniture, water purifiers
- Security provisions at various places including use of electronic surveillance system on the campus and elaborate security arrangements during strikes/ agitations
- Maintenance of University vehicles
- Execution of transport
- Arrangements during Convocation and other functions
- Allotment of residential quarters, booking of conference halls and meeting rooms
- Leasing out University premises and timely collection of rent and other utility charges
- Maintain record of the flora at the University campus
- Convene the meetings of the respective committees and record proceedings

Project undertaken during June 2021 to May 2022				
Sr.No.	Name of the work	Work Order Date	Tendered Cost	Status of Work
1	Construction of Lecture Halls for Commerce Faculty block F		Rs.2,83,49,974.65	Work in Progress.
2	Construction of Mens Hostel for research & SIP students	1/4/2022	Rs.2,75,78,483.00	Work completed
3	Repair & Restoration of 'C' type residential Apartments	8/16/2021	Rs.1,36,05,294.00	Work in Progress
4	Repair & Renovation of Faculty D building	1/14/2022	Rs.1,04,45,491.40	Work completed
5	Construction of Compound wall along University boundary-Phase I	12/15/2020	Rs.2,32,45,485.00	Work in Progress
6	Repair & Restoration of roof of Central block of Library & Examination block	12/4/2020	Rs.20,56,033.00	Work completed

7	Repair & Restoration of Roof of International Guest house	3/11/2022	Rs.18,91,350.00	Work completed
8	Construction of Building for Manohar Parrikar School of Law, Governance & Public Policy	5/28/2021	Rs.15,44,82,474.65	Work in Progress.
9	Construction of Building for Computer Science block in Goa Business School	2/28/2022	Rs. 10, 26, 61, 414.00	Work in Progress
10	Setting up of Bio Incubator Facility in faculty of Life Science & Environment at Faculty block E	3/30/2022	Rs.2,46,12,614.00	Work completed
11	Renovation of Applied Zoology Building for setting up Examination Section		Rs.74,97,480.75	Work completed
12	Improvement and widening of faculty Ring Road connecting from Library Circle and SBI Circle.	12/24/2021	Rs.80,35,000.00	Work completed
13	Setting Up Laboratories of Centre For Excellence, Marine Microbiology at The Basement of Science Faculty Block E.	1/5/2022	Rs.10,99,303.35	Work completed
14	Repairs & Renovation works at faculty block C, CLAS building, IMBA Department, ADMN Building, Computer Science, Konkani and Botany Department.	12/28/2021	Rs.54,46,071.57	Work completed
15	Work of repairs of damaged roof caused due to cyclone Tauktae to various buildings such as Library, Faculty Block A, B, C, HRDC, IMBA, changing room of Outdoor Stadium and Old Boys Hostel (B-Wing).	3/14/2022	Rs.36,03,325.00	Work completed
16	Construction of New Internal Road And Improvement of Internal Roads and Parking Areas.	3/15/2022	Rs.70,90,746.00	Work completed

17	Internal Painting of Kitchen & Dining halls of faculty Canteen, Old guest house, International guest house, Boys & Girls hostel.		Rs.9,49,900.00	Work completed
18	Work of Minor Repairs & Restoration and painting of various faculty blocks & Hostels in Goa University campus.	3/12/2022	Rs.25,35,750.00	Work completed

4.8 WORKSTATION FOR MICRODATA FROM CENSUS

The initiative to host the Census Microdata Workstation was taken by Goa University in response to the invitation received from the Director of Census Operations. The Memorandum of Understanding (MOU) for setting up the workstation was signed by Joint Director, Directorate of Census Operations, Goa Registrar, Goa University, and the workstation was established in the Goa University Library building.

The objective of setting up a microdata station was to promote research in academic institutions and permit qualified researchers optimum use of anonymized sample microdata from the census for in-depth research. Workstation enables the researchers to have access to microdata that is not published by the census.

Further to enhance the usage of Census data and the Workstation, a meeting was held with the officials of the Directorate of Census Operation, Panaji Goa, on 18th May 2022. It was resolved at this meeting to conduct workshops/lectures pertaining to data available with Directorate of Census Operation and popularise its use among students and researchers.

Prof. Pranab Mukhopadhyay, GBS - Chairperson

Dr. Carlos M. Fernandes. LIS Programme – Member Secretary

4.9 UNIVERSITY SCIENCE AND INSTRUMENTATION CENTRE (USIC)

Activity 1: Workshop on Global DCT – SWITCHING: Train the trainer Program

Date: 27th and 28th August 2021

A two - days national level online workshop was conducted by USIC, SPAS in association with D-Link India Pvt. Ltd. on 27th and 28th August 2021 on the topic "Global DCT - SWITCHING: Train the trainer Program". The Workshop was conducted in association with D-Link India Ltd. This workshop enabled participants to gain a broad understanding of all features and aspects of Switching and Routing technologies. A total of 50 participants across the county had participated in the workshop. The resource person for the workshop was Mr. Nilesh Vartak, DCT— D-link Academy.

Activity 2: Workshop on ATAL FDP on DCS Switching: (Switching and Routing Technology)

Date: 17th to 21st Jan 2022

National level online ATAL FDP on DCS Switching: (Switching and Routing Technology) was conducted by USIC, SPAS in association with ATAL Academy and D-Link India Pvt. Ltd., from 17th to 21st Jan 2022. It was attended by 123 participants from all over India. This FDP was a part of ATAL Academy Initiative and has been designed for empowering teachers with change management strategies in the implementation of National Education Policy 2020 in their organisation. This workshop enabled participants to gain a broad understanding of all features and aspects of Switching and Routing technologies. After completion of this course, participants had knowledge of designing, troubleshooting and maintaining the Network. Participants had the opportunity to engage in hands-on practice with the material with Real Time Industry Experience. The resource persons delivered the talks for this workshop were Mr. Nilesh Vartak, DCT— D-link Academy; Prof. D. Sridharan, ECE, Anna University; Prof. Nagendra Gajjar, ECE, IT-Nirma University; Dr. Udaysing V. Rane, Assoc. Prof- DMs College, Goa; Mr. Deepak Chodankar, VP at SNSL- Goa; Dr. Anil Rane, Asst. Professor, IPHB, Government of Goa.

4.10 REMOTE SENSING LABORATORY

A Remote Sensing Laboratory has been established with financial assistance from Indian Space Research Organisation (ISRO). The facilities of the laboratory include hardware consisting of five computers and software necessary for image processing. Image processing package such as ERDAS IMAGINE has been procured. Different PG level programmes at the departments of University have a component on the use of remote sensing techniques. This laboratory facilitates resources, provides training to the students who opt for such a course on remote sensing or plug a component in their research thereby build the country's need for trained manpower in this field. The laboratory is also being used for the sponsored projects work funded by different agencies like Naval Research Bard, Space Applications Centre, Space Physics Laboratory of VSSC, ISRO and Indian National Centre for Ocean Information Service of MoES, etc

Prof. Harilal Menon

4.11 DAY CARE CENTRE

The University Day Care Centre (DCC), located at B-25/1 Qtr. on the University campus, is a facility for the benefit of the University's staff. The Centre is open for use of all University employee's children between 6 months to 6 years. The regular functioning of the DCC is looked after by one teacher and one Aaya, and the centre is managed by the DCC committee. The Centre is open from 9:30 am to 5:45 pm on all working days. Facilities like Kitchen, Refrigerator, Washing Machine, Activity room, and a small children's park are available. Children are admitted to the DCC with a subscription amount of Rs. 1500/- p.y. Application including the yearly subscription can be made online. On average 10-12 children are admitted every year.

Activities Conducted: Birthday celebration of children and 1-DCC committee and parent interactions.

Project Undertaken: New Toys, Books, Play Items were purchased and installed

Facilities Provided: About 12 children availed the DCC facility during this period.

4.12 GUEST HOUSE

The University has two guest houses, Main Guest House and International Guest House, located on its green campus overseeing the scenic beauty:

The accommodation is mainly meant for the guests of the University either invited or attending the programmes at the University campus.

Accommodation at a Glance:

Guest House	No. of Air-Conditioned Rooms (& Beds)	No. of Non Air-Conditioned Rooms (& Beds)
Main Guest House	13 (26)	33 (100)
International Guest House	24 (30)	2 (2)

4.13 STUDY INDIA PROGRAMME (SIP)

During the year 2021-2022 the University had conducted online Study India Programme for the Students of College of International Relations, Nihon University, Japan. The programme was conducted from 15 February to 15 March 2022. Altogether five students participated in this online programme. Students were taught English, Indian History, Philosophy, International Politics, Home visit in Tokyo and Indian cuisine.

Prof. Ganesh Somayaji

Academic Coordinator, Study India Programme

PART 5
AFFILIATED COLLEGES & RECOGNISED
INSTITUTIONS

5A GENERAL EDUCATION COLLEGES/INSTITUTES

1. DCT's Dhempe College of Arts and Science, Miramar, Panaji
2. CES's Parvatibai Chowgule College of Arts and Science, Margao
3. St. Xavier's College of Arts, Science and Commerce, Mapusa
4. Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete
5. DCT's S. S. Dempo College of Commerce & Economics, Cujira, Bambolim
6. M. E. S.'s Vasanti Joshi College of Arts & Commerce, Zuarinagar
7. V V M's Shree Damodar College of Commerce & Economics, Margao
8. Dnyanprassarak Mandal's College & Research Centre, Assagao
9. Goa Vidyaprasarak Mandal's Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda
10. P.E.S.'s Ravi S. Naik College of Arts & Science, Farmagudi, Ponda
11. Cuncolim Educational Society's College of Arts and Commerce, Cuncolim
12. Government College of Arts, Science and Commerce, Sanquelim
13. Government College of Arts, Science and Commerce, Quepem
14. Govt. College of Arts, Science & Commerce, Khandola, Marcela
15. Rosary College of Commerce & Arts, Navelim, Salcete
16. Fr. Agnel College of Arts & Commerce, Pilar – Goa
17. Saraswat Education Society's Sridora Caculo College of Commerce and Management Studies, Mapusa
18. DPM's Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona
19. Government College of Arts and Commerce, Virnoda, Pernem
20. Narayan Zantye College of Commerce, Bicholim
21. Government College of Commerce and Economics, Borda, Margao
22. Mandre College of Commerce, Economics and Management, Pernem
23. Sateri Pisani Education Society's Shri. Gopal Gaonkar Memorial Goa Multi-Faculty College Dharbandora
24. Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda
25. St. Joseph Vaz College, Cortalim
26. Swami Brahamand Mahavidyalaya, Tapobhoomi Kundaim Goa

5B PROFESSIONAL COLLEGES / INSTITUTIONS

1. Goa College of Pharmacy, Panaji
2. Nirmala Institute of Education, Altinho, Panaji – Goa.
3. Goa College of Engineering, Farmagudi Ponda
4. Goa College of Art, Altinho, Panaji
5. M. Salgaocar College of Law, Miramar Panaji- Goa
6. National Institute of Hydrography, Vasco-da-Gama
7. V. M's Govind Ramnath Kare College of Law, Margao
8. Goa Dental College and Hospital, Bambolim
9. Goa College of Music, Altinho, Panaji
10. Goa College of Home Science, Campal, Panaji.
11. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda
12. Goa Vidyaprasarak Mandal's Dr. Dada Vaidya College of Education, Ponda
13. Institute of Nursing Education, Bambolim
14. Padre Conceicao College of Engineering, Verna, Goa
15. Shivgram Education Society's Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda
16. GSS's Don Bosco College, Panaji
17. Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda
18. P. E. S. College of Education, Farmagudi, Ponda
19. P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda
20. Vrundavan Institute of Nursing Education, Colvale
21. Don Bosco College of Engineering, Fatorda, Margao
22. Goa College of Hospitality and Culinary Education, Cidade de Goa, Vainginim
23. Agnel Institute of Technology and Design, Assagao, Bardez
24. Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim
25. Sai Nursing Institute, Sankhali
26. M. Salgaocar Institute of International Hospitality Education
27. Don Bosco College of Agriculture Sulcorna Quepem Goa

28. Harmal Panchakroshi Shikshan Mandal's Ganpat Parsekar College of Education Harmal-Goa.
29. Ramanata Crisna Pai Raikar School of Agriculture, Savoi-Verem
30. Kala Academy Goa's College of Theatre Arts, Campal, Panaji
31. Dnyanvardhini Divyang Training College, Murmugao
32. Kamaxi College of Culinary Arts, Verna.
33. J. D. Institute of Fashion Technology, Panaji
34. Goa Medical College, Bambolim
35. Institute of Psychiatry and Human Behaviour, Bambolim
36. Goa College of Architecture

5C RECOGNISED INSTITUTIONS

1. CSIR-National Institute of Oceanography, Dona Paula
2. Xavier Centre of Historical Research, Alto Porvorim
3. Fisheries Survey of India, Government of India, Mormugao
4. ICMR-National Institute of Malaria Research, Field Unit, Campal, Panaji
5. Thomas Stephens Konknni Kendr, Porvorim
6. Directorate of Archives & Archaeology, Panaji
7. Earth System Science Organisation-National Centre for Polar & Ocean Research, Headland Sada, Vasco-da-Gama

5A. GENERAL EDUCATION COLLEGES/INSTITUTIONS

5A.1 DCT's Dhempe College of Arts and Science, Miramar, Panaji

Year of Establishment: 1962

College Address: DCT's Dhempe College of Arts and Science, Miramar, Panaji-Goa.

Principal's Details:

Name: Prof. Vrinda Borker

Contact No: 9822129669 /08322461507

Email: vrindaborker@dhempecollege.edu.in / principal@dhempecollege.edu.in

College website: <https://www.dhempecollege.edu.in>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	GPA	Year of Accreditation	Validity Period
1st	B+	79	2003	from 2003 to 2008
2nd	A	3.12	2010	from 2010 to 2015
3rd	A	3.20	2015	from 2015 to 2020
4th	A	3.01	2022	from 2020 to 2027

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.A	540	540	505	505
B.Sc	528	528	491	491
B.Sc (Biotechnology)	118	118	103	103
MSc (Chemistry)	58	58	56	56

Research Centre, If any: No

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL
(However, there are 02 ongoing Ph.D under Research Center)

Any new course(s) started: NIL

Faculty strength: 52

Achievements of the College:

- NAAC Accreditation 4th cycle the institution achieved an A grade (3.01)
- ISO 9001:2015 certification -URS
- The College was awarded with Green Certification Level III GSCP-1-2010
- Institution Innovation Council was awarded with 03 stars 2022-IIC
- In NIRF Ministry of Education Government of India, India Ranking-2021 (Category- Colleges) retained its rank in the band of 151-200
- India Today Survey 2021-2022, 97th among the Arts Colleges of India and 87th among the Science Colleges of India
- 02 Memorandum of Understanding were signed; 1) with St. Aloysius College, Jabalpur and 2) with GIPARD, Ela Goa.
- 2nd place in merit list for SBSI 2021-22 and 2nd consolation place in merit list for SBSI 2021-22 at College Level
- 27 awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

International Level: 02

National Level: 07

State Level: 08

Details of International Conferences/Workshops/ Webinars organized:

A. International Webinars

1) The Department of Chemistry organized an International webinar on “Advances in Materials Chemistry and Applications’ on October 22nd, 2021. Eminent resource persons were: Prof. Robert Alan Burrow, Federal University of Santa Maria, Brazil; Dr. Rupesh K. Mishra, Research Scientist, School of Material Engineering, Bindley Bioscience Centre, Purdue University, USA; Dr. Chinthan H. Manoratne, Senior Research Scientist, Materials Technology Section, Industrial Technology Institute, Colombo, Sri Lanka.

2) The Department of Psychology organized an International Webinar ‘Fostering Optimal Development and Well-Being in Children and Adolescents’ on October 23rd - 24th, 2021. Eminent resource persons were: Dr. Nandita D’Souza (Paediatrician, and the Director of the Sethu Centre for Child Development & Family Guidance, Goa), Ms. Aileen D’Souza (member of trans-disciplinary team at Sethu Centre for Child Development & Family Guidance, Goa.) Ms. Ashwini N.V (Counselling Psychologist and founder- director of Muktha Foundation) Dr. Abhijit Nadkarni

(Associate Professor of LSHTM and Hon Consultant Addictions Psychiatrist in South London and Maudsley NHS Trust, UK.) Prof. Richard Velleman (Emeritus Professor of Mental Health Research, University of Bath and a practicing clinical psychologist.) The webinar was attended by nearly 2500 participants consisting of students, parents, teachers and counsellors from India, Canada, Mexico, United Kingdom, Afghanistan, Australia and Switzerland.

B. National Webinars

1) Department of Zoology organised a National Webinar on ‘Scope of Wild Life Biology’ in August, 2021 Resource persons were Dr. A. J. T. Johnsingh, Dr. Varad Giri, Dr. V. Shubhlaxmi and Mr. Damodar Salelkar.

2) The Department of Geology in association with Geological Society of Goa organised a national webinar on the topic, ‘Importance of Primary Structures in Interpreting Superposed folds in field-Rudiments of Structural mapping’ on December 16th, 2021.

3) Department of Physics organised a National Level Webinar on “‘A Zero Waste Juice Parlour’: From Zero to Hero, a success story in Eco-sustainability” organized on January 27th, 2022. Resource person was Mr. Anand Raj.

4) Institutions Innovation Council, organised an Online National Webinar on “Design Thinking and Innovative Design” on February 1st, 2022.

5) Department of Political Science organised a National Webinar on ‘Challenging Conventional Narrative: A Gender Dialogue’ organized on March 11th, 2022. Prof. Bijayalakshmi Nanda, Principal, Miranda House, Delhi University, Mr. Charudutta Panigrahi and Mrs. Asha Vernekar, Development Professionals, Forum for Integrated Development & Research (FIDR) and Goa Livelihoods Forum (GLF) were the resource persons.

6) Department of Chemistry organised a National Webinar on “Emerging Trends in Heavy Metal Detection Sensors & C-H Functionalization” on April 22, 2022. Eminent resource persons were: Dr. Subhenjit Hazra, Institute of Science and Technology, Chennai, and Dr. Salman Khan, EWHA Women University, South Korea.

B.1. National Workshop

1) Institution's Innovation Council (IIC) organized an online workshop on "Entrepreneurship and Innovation as a Career opportunity" on 5th March, 2022.

C. State Webinars/Seminars

1) The Department of Physics organized a State level webinar on "Social Media for Good" on January 13th, 2022. Resource person was an alumnus of the college Mr. Dale Dias.

2) Department of Physics organized a State level Aryabhata Webinar and Competition on 'Astronomy organized in association with Association of Friends of Astronomy on March 26th, 2022.

3) Counselling and Placement Cell in association with Gomantak's Young Inspirators Network, Goa organised a State level webinar for students on the topic 'Careers in Psychology' on 19th April, 2022. The resource person was Mr. Ninad Panse, Chief Executive Officer, Skilling and Education at Sakal Media Group Company.

4) Department of Philosophy, English and Indian Languages organized a seminar on 'Content creation and Campus Recruitment Drive' with Fifteen73 Media, an IPR and Content Creation Company based in Panaji Goa on April 21, 2022.

5) Department of Chemistry organized a seminar on the topic "Career Opportunities in Chemistry" on May 21st, 2022. The Resource person for the session was Mr. Vipul Ghare, Assistant Director, DHE.

C.1. State Workshops

1) Digital Language Laboratory and Skill Development Centre in collaboration with the Internal Quality Assurance Cell (IQAC) organized a workshop on 'Effective Strategies in Teaching-Learning and Evaluation: Bloom's Taxonomy' on February 03, 2022. In-charge of the Department of English, Ms. Clarinda Dias and Assistant Professor, Dr. Akshata Bhatt was Resource Persons of the Workshop.

2) Departments of Philosophy and Botany organized a Two-day workshop in association with CII Model Career Centre on 'Opportunities ahead: Career Counseling and Career Options on March 25th - 26th, 2022.

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	5		1	06
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	-	-	-	01
a. Research papers in Edited Books	01	-	-	
b. Books				
	International	National	Local	Total
III. Research papers in Conference Proceedings	6	-	-	06
Total				18

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
9	5	2

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NIL	01	34

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
01 (Philosophy)	02 (Chemistry and Biotechnology)

No. of Teachers pursuing Ph.D.: 14

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Principal Prof. Vrinda Borker	State Teachers Award for excellence in Higher Education for the Academic year 2020-2021	Directorate of Higher Education, Government of Goa

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	01	--	--	--	01	--	03	05
State	01	--	--	--	--	--	--	01
National	--	--	01	--	--	02	02	05
Total	02	--	01	--	01	02	05	11

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1st/2nd/3rd
Mr. Punit Khandeparkar and Mr. Namesh Kankonkar (National-level)	Tennis Ball Cricket	28th Junior National Tennis Ball Cricket Championship 27th to 30th September 2021	U.P. and Agra Tennis Ball Cricket Association	2 nd
Mr. Punit Khandeparkar and Mr. Namesh Kankonkar (National-level)	Tennis Ball Cricket	29 th Junior National Tennis Ball Cricket Championship 06th to 9th March 2022	Tennis Ball Cricket Association of Bihar	3 rd
Mr. Suklesh Shirodkar (National-level)	Karate	2 nd West Zone Karate Championship-2022 29th April to 1st May 2022	Western India Karate Association	3 rd

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Principal Prof. Vrinda Borker received the State Teachers Award for excellence in Higher Education for the Academic year 2020-2021 in December 2021. She was felicitated by RAJHAUNS for her services in the field of education and appreciating State Teachers' Award for Excellence in Higher Education conferred by Directorate of Higher Education, Govt. of Goa.
- Dr. Ashish Prabhugaonkar was felicitated by WWF and Goa Forest Department at celebration for Earth Day on 22/04/2022 at WWF office Miramar, Panaji Goa in the presence of Shri. Rajiv Kumar Gupta, IFS PCCF Goa for being resource person involved in Shore lore program.
- Mrs. Clarinda Dias Department of English was felicitated by the Lions Club of Candolim for her contribution to the teaching profession on Teacher's Day 5th September 2021.
- 82 staff roped in 7416 hours of outreach and extension to commemorate the 75 years of freedom struggle.

5A.2 CES's Parvatibai Chowgule College of Arts and Science, Margao

Year of Establishment: 1962

College Address: Gogol, Margao, Post – Fatorda, Goa - 403602

Principal's Details:

Name: Dr. Shaila Ghanti (Offg. Principal)

Contact No: (0832) 2722222

Email: principal@chowgules.ac.in

College website: www.chowgules.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	4 Star level		9 th October 1999	
2	A	3.29	8 th March 2009	7 th March 2014
3	A	3.41	5 th May 2014	31 st December 2020
4	A+	3.27	29 th March 2022	28 th March 2027

Courses offered, sanctioned and filled strength:

Courses	Sanctioned Strength	Filled Strength
<u>Undergraduate Courses</u>		
F.Y.B.Sc.	220	192
S.Y.B.Sc.	220	146
T.Y.B.Sc.	236	254
F.Y.B.A	180	171
S.Y.B.A	180	133
T.Y.B.A	180	198
F.Y. B.Voc (Software Development)	30	20
S.Y. B.Voc (Software Development)	30	10
T.Y.B.Voc (Software Development) (3D Media & Virtual Reality – VFX) (Multimedia –Digital Filmmaking)	90	29
<u>Postgraduate Degree Courses</u>		
M.A. – Part I (Geography)	20	13
M.A. – Part II (Geography)	20	6
M.Sc. – Part I (Information Technology)	20	20
M.Sc. – Part II (Information Technology)	20	12

M.Sc. – Part I (Analytical Chemistry)	20	20
M.Sc. – Part II (Analytical Chemistry)	20	19
M.A. – Part I (Hindi)	20	4
M.A. – Part II (Hindi)	20	11
M.A. – Part I (Psychology)	20	15
M.A. – Part II (Psychology)	20	7
M.A. – Part I (English)	20	18
M.A. – Part II (English)	20	7
M.Sc. – Part I (Geoinformatics)	20	8
M.Sc – Part II (Geoinformatics)	20	9
<u>Postgraduate Diploma Courses</u>		
Post Graduate Diploma in Geoinformatics	20	8
Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques	15	13
Post Graduate Diploma in Computer Applications	30	25
<u>Undergraduate Diploma Course</u>		
Diploma in Aviation Hospitality and Customer Service	30	16
Ph.D in Geography	05	4
Ph.D in Hindi	05	3
Total		1391

Research Centre, If any : i. Geography

No. of Candidates, subject wise, registered for Ph.D under the Research Center

Subject	No. of Candidates
Geography	04

Any new course(s) started: Diploma in Aviation Hospitality and Customer Service

Faculty strength:

Designation	Number of Teachers
Principal	-
Professor	02
Associate Professors	18

Assistant Professors	34
Librarian (Selection Grade)	01
Director of Physical Education (Selection Grade)	01
Contract Teachers (Regular + Self-financed)	38 (14 + 24)
Total	94

Achievements of the College: (only institutional achievements should be mentioned).

- A) The College was granted Extension of Autonomous Status by University Grants Commission for a period of five years from the academic year 2021-2022 to 2025-2026.
- B) The College was accredited as *Grade A+* by the prestigious National Assessment and Accreditation Council (NAAC) of India in its fourth cycle of accreditation with a final score of 3.27 on a 4 point grade scale, which is highest so far in the state of Goa.
- C) Our college is the only college selected as Mentor Institute in the entire state of Goa under the Mentor - Mentee Program 2021-22 of IIC, MIC. The college mentors the following Higher Educational Institutes:
- i) Dr. D. Y. Patil Unitech Society's Dr. D. Y. Patil Arts, Commerce and Science College Pimpri, Pune, Maharashtra;
 - ii) Rosary College of Commerce & Arts, Navelim, Goa
 - iii) Vidya Pratishthans Arts, Science and Commerce College, Baramati, Maharashtra.
- D) Our College is recognised in the band "PERFORMER" under the category "General (Non-Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.
- E) The College has conducted online AICTE Training and Learning (ATAL) Academy FDP on GIS and Remote Sensing.
- F) The college has signed Memorandum of Understanding with the following institutions:

At National level:

- i) **TSM Education Pvt. Ltd., Raigad, Maharashtra** to jointly operate multiple programmes in areas of Music Production, Performance and Sound Technology.

At State level

- i) **Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa** to provide a framework of co-operation and facilitate collaboration to meet the broader goals of training and capacity building of government employees, elected representatives and civil society in the State of Goa.

Sponsored Research Projects only sanctioned/ completed during June 2021 to May 2022 (Include only research projects of minimum Rs. One lakh).

MAJOR RESEARCH PROJECTS

Sr. No	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amt. (Rs. in Lakhs)	Specify whether sanctioned/completed
1	Prof. Nandkumar N. Sawant	Revealing the (In)visible cultural landscape and Heritage : Amalgation of Goa's Urban Transformation and Identity	19.09.2019 2 years	Indian Council of Social Science Research (ICSSR)	8.00	Ongoing

MINOR RESEARCH PROJECTS

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/completed with date
1	Ananya Das	Study of Bose-Hubbard model using Real Space Renormalization Group method.	17/06/2019 2 years	Director of Higher Education (DHE), Alto, Porvorim-Goa	4.30	Completed 31/03/2022

2	Yatin P. Desai	Study of Zinc Oxide Composite Doped with Transition Metal Ions (Mn, Ni, Co, Fe)	10/12/2019 3 years	Department of Science and Technology Goa	3.20	Ongoing
3	Amisha Shirodkar Pednekar	Understanding Cellulolytic Activity of Fungi Isolated from Litter of Coconut Trees	18/12/2019 2 years	Department of Science and Technology Goa	3.00	Ongoing
4	Nandkumar N. Sawant & Nandini Vaz Fernandes	Development of Wildlife Management Plan for Bondla Wildlife Sanctuary	07/05/2020 1 year	Goa Forest Development Corporation, Govt. of Goa	2.49	Ongoing
5	Nandkumar Sawant Nandini Vaz	Wildlife Activity App	19/06/2020 1 year	Goa Forest Development Corporation, Govt. of Goa	1.10	Completed 31/05/2021
6	G.K. Naik	Low Temperature Synthesis & Characterization of Nanosize Metal Chromites : An Industrial Catalyst	17/06/2020 3 years	Department of Science and Technology Goa	2.50	Ongoing
7	Lactina Regina Gonsalves	Development of Functionalised Nanoparticle oxides for Gas Sensing and other Potential Applications.	26-10-2017 2 years	Director of Higher Education (DHE), Alto, Porvorim-Goa	3.10	Completed 20/06/2022

8	Uma Masur	Molecular characterization of <i>Dysoxylum binectariferum</i> Hook. f. regenerated plants in vitro by RAPD, SSR and ISSR methods.	26-10-2017 2 years	Director of Higher Education (DHE), Alto, Porvorim – Goa	3.50	Ongoing
9	Sameena Fernandes e Falleiro	Teaching and Learning with ICT: Current Status and Future Directives with Reference To under Graduate Education in Goa	27-06-2018 2 years	DHE Research Science Promotion	2.00	Ongoing
10	Nandini Vaz Fernandes	Evaluation of effectiveness of methodologies used in conducting practicals of graduate & undergraduate courses in Biological sciences	27-06-2018 2 years	DHE Research Science Promotion	2.00	Ongoing
11	Dr. Supriya Khorjuvankar	Isolation and characterization of yeasts from locally fermented cashew apple juice	29/04/2022 2 years	Cazcar Heritage Distillery	1.68	Sanctioned

(Please make sure that all columns are filled with appropriate and correct information)

Sponsored Consultancy Work sanctioned during the reporting period (Include only consultancy projects with minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level : 02

Details of International Conferences/Workshops organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	5	3	1	9
	Foreign Publisher	Indian Publisher	Local Publisher	-
II. Books/Edited Books	-	-	1	1
a. Research papers In Edited Books	-	-	-	-
b. Books/ Article in Books / Chapter in book	4	3	-	7
Total	9	6	2	17

(Include publications without overlap. Articles included in Cat 1 should not be repeated in Cat II and Cat III. Similarly for other cases also)

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
-	2	2

Invited Lectures given by the Faculty:

Abroad *	Within India	Within Goa
-	29	27

* Details of invited lectures abroad (only if visited abroad) may be given as follows: Name of the teacher, topic/ theme of lecture, Name of the Country and the institution visited, dates of visit, sponsoring / funding agency.

No. of teachers who obtained research degree during the year:

M. Phil.	Ph.D.
-	02

* Details of research degree obtained:

Name of the teacher	Department	Name of the thesis	University which awarded degree
Sankrita S. Gaonkar	Department of Botany	Arbuscular mycorrhizal (AM) fungal diversity and growth studies in mangrove plant species	Goa University
Chitra Mekoth	Department of Mathematics	Fractional Regularization Methods for Ill-posed problems in Hilbert Scales	National Institute of Technology, Karnataka-Surathkal, Mangalore

No. of teachers pursuing Ph.D: 12

Awards:

Name of the faculty member	Title of the Awards/ Honours	Name of Agency / Institution sponsoring the award (only recognized and reputed agencies), Date of award
Prof. Sangeeta Sankhalkar, Professor, Department of Botany	Indian National Science Academy, New Delhi (INSA) Visiting Scientist Fellowship	University of Hyderabad, Telangana, India

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
National	-	-	2	2	-	-	-	-
Total	-	-	2	2	-	-	-	-

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the Student/ captain of the team	Name of the event in which participated (Sports /Games)	Name of the Tournament /Sport event with date	Name of the Organiser	Place won 1st /2nd / 3rd
1. Devan Kumar Chittem	Cricket	Cooch Behar Trophy	BCC	-
2. Ratika Vasu Naik	Tennis ball Cricket	32 nd Senior National Tennis Ball Cricket Championship 2021-22.	Tennis Ball Cricket Federation of India	3 rd Place
	Dueball	3 rd Senior National Federation Cup.	Dueball Federation of India	3 rd Place

(Events organized by recognized institutions, associations and federations only. Provide 5 sports Achievements in the order of its importance.)

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College / Institution)

(Include only National and International level achievements relating to academics which are very special in nature and not covered under sl nos. 8 to 18 above)

- Dr. Aduja Naik, Assistant Professor, Department of Biochemistry and Ms. Hashma Mujawar, Assistant Professor, Department of Biotechnology, were amongst the 27 entrepreneurs felicitated at the ‘Times Entrepreneurs of Goa 2021’ organized by the Times India Group on 23rd December 2021 at Alila Diwa, Goa and presented by the Directorate of Information & Publicity, Government of Goa.
- Dr. Bhanumati Pilli, Assistant Professor, Department of Geography and Dr. Sachin Savio Moraes, Assistant Professor, Department of Sociology were selected from Western Region (Gujarat, Maharashtra, Goa) to take part in the UGC’S Unnat Bharat Mission 2.0, 1st Master Trainer’s Program for Community Based Participatory Research from 20th April to 22nd April 2022 organised by Western Region Centre for Unnat Bharat at Rashtrasant Tukadoji Maharaj Nagpur University.
- Dr. Pradeep Jatal was felicitated as the Best Teacher in Hindi by Dnyanjyot Bahuuddeshiya Sauntha, Ahmednagar, Maharashtra
- Dr. Nandini Vaz Fernandes, Associate Professor, Department of Zoology was appointed as 'External Expert' on the Advisory committee of the DBT Star College Scheme of NES Arts, Commerce and Science College, Ratnagiri Maharashtra.

5A.3 St. Xavier's College of Arts, Science and Commerce, Mapusa

Year of Establishment: 1963

College Address: St. Xavier's College, Xaviernagar, Mapusa, Bardez Goa, 403507

Principal's Details:

Name: Prof. Blanche R.C.S. Mascarenhas

Contact No: 8888657331

Email: xavierscollege1963@gmail.com

College website: xavierscollegegoa.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
Cycle 4	A	3.12	2019	09/08/2019 - 08/08/2024
Cycle 3	A	3.36	2014	05/05/2014 - 04/05/2019
Cycle 2	A	NA (Since we were awarded Grade A)	2007	31/03/2007 - 30/03/2012
Cycle 1	Four Star	NA (Since we were awarded 4 star)	1999	09/10/1999 - 08/10/2004

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level (Total)
B.A.	1011	763
B.Sc.	891	645
B.Com.	792	761
B.C.A.	132	131
B.B.A.	99	109
B.B.A. (T&T)	99	100
Biotechnology	90	79
Mass Communication	105	104
Journalism	105	72

M.A. (Psychology)	60	59
M.Sc. (Chemistry)	40	33
M.Com.	100	56

Research Centre, If any: NA

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NA

Any new course(s) started: NO

Faculty strength: 165

Achievements of the College:

- DBT Star College Scheme: DBT Star College Scheme (123 lakhs was awarded under the DBT Star College Scheme out of which 81 lakhs was disbursed as first installment)

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh)

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
1.	Dr. Hari Kadam, Co-investigators : Dr.Vinod Mandrekar, Ms.Kathleen C.Pinto	Synthesis of Novel Coumaryl Pyrazoles and Coumaryl Pyrazolones and study of their Antioxidant and Antiglycosidase activity	3/1/2019 Duration : 3 years	Department of Science and Technology, Government of Goa	Rs. 4 lakhs only	Sanctioned Ongoing

Conferences/Workshops Organized (Nos. only)

International Level: 11

National Level: 11

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	17	11	4	32
Total	17	11	4	32

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
18	11	0

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
Nil	2

No. of Teachers pursuing Ph.D.: 15

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Zen Lobo	Best Researcher Award	International Conference for award winners on Engineering, Science and Medicine Organised by VDGGOOD Professional Association

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	Nil	Nil	Nil	Nil	4	2	Nil	6
Total	Nil	Nil	Nil	Nil	4	2	Nil	6

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1st/2nd/3rd
Sushmita jadhav	football	26th senior womens national football championship held at kerala	AIFF	Participation
Namita Govekar	football	26th senior womens national football championship held at kerala	AIFF	Participation
Mylen luis antonio dsouza	Hockey	11th hockey senior women hockey nationals held at Pune maharashtra	Hockey India	Participation
Veena naik	Hockey	11th hockey junior women hockey nationals held at simdega Jharkhand	Hockey India	Participation
Shubham tari	Cricket	Mens u-25 one day tournament for season 21-22 held at pondicherry Ranji trophy team	BCCI	Participation

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.4 Carmel College of Arts, Science and Commerce for Women, Nuvem Goa

Year of Establishment: 1964

College Address: Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete – Goa.

Principal's Details:

Name: Dr. Sr. Maria Lizanne A.C.

Contact No: 0832-2790959

Email: maria.lizanne@gmail.com

College website: www.carmelcollegegoa.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
Cycle 4	A	3.25	2022	29/3/2022 to 28/3/2027

Courses offered:

- B.A./B.Sc./B.Com. (Under-Graduate)
- POST-GRADUATE (SELF-FINANCED)
- M.A. in Psychology
- M.Com in Accountancy and Finance Management
- M.Sc Food Technology

Sanctioned strength: Under-graduate: 1332 students, Post-Graduate: 240 students

Filled Strength: Under-graduate: 1232 students, Post-graduate: 144 students

Research Centre, If any: NO

No. of Candidates, subject wise, registered for Ph. D under the Research Center: NIL

Any new course(s) started: N O

Faculty Strength: Under-graduate: 51 (Full-time Regular Appointments)

Achievements of the College:

- Re-Accredited by NAAC 4th cycle with ‘A’ Grade score 3.25.
- Signed MOU with Goa Institute of Public Administration and Rural Development, Ella Farm, Old Goa on 2nd March, 2022.
- Signed MOU with REACHA.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh)

1. Dr. Manoj R. Birjar- Decadal Wildlife Management Plan for Cotigao Wildlife Sanctuary (3.50 lakhs)
2. Dr. Manoj R. Birjar- Decadal Wildlife Management Plan for Netravali Wildlife Sanctuary (4.95 lakhs)

Conferences/Workshops/Webinars Organized (Nos. only)

International Level: 03

National Level: 03

State Level: 10

Details of International Conferences / Workshops /Webinars organized:

1. 16th September, 2021 - Webinar on “Job opportunities in Government Sector”

On the 16th of September 2021 webinar on “Job opportunities in the Government Sector” was organized. The different vacancies in the Banking and the Insurance Sector were explained by Mr.

Sakrut Bhushan, Trainer Coach and Educator from SSB Institute, Mumbai. SSB Institute is an MSME Registered Organization.

He discussed the vacancies available in the Reserve Bank of India, State Bank of India, Government Insurance Companies such as LIC and GIC and in NABARD. RBI is categorized into scheduled and non-scheduled banks. Under the scheduled banks, there are commercial banks and co-operative banks. The job opportunities in the public sector banks as well as private sector banks were highlighted by the resource person.

2. 27th September, 2021 - Webinar on “Internship opportunity in GIS and remote sensing”

The Department of Zoology, Carmel College of Arts, Science and Commerce organized a webinar in association with Learn to upgrade on “Internship opportunity in GIS and Remote Sensing” on September 27, 2021. Geoinformatics encompasses multiple disciplines viz. GIS, Remote Sensing, Geodesy, GPS and Cartography. It has tremendous utility and applications in decisions involving locational data, or data with spatial dimensions. It deals with both spatial and non-spatial data and covers data management like acquisition, storage, manipulation, analysis, display and modeling etc. The Resource person of this webinar was Dr. Deepak Lal, an agriculture/irrigation engineer with over 15 years of research and consulting experience in applying remote sensing and GIS techniques for improved water resource management and agricultural production. A total of 178 students and Faculty registered for the webinar and 109 participants were in attendance.

3. 30th September, 2021 – Webinar on “The relevance of Mahatma Gandhi in the 21st century”

On 30th September 2021, the Department of History of Carmel College of Arts, Science and Commerce for Women organized a Webinar on **The Relevance of Mahatma Gandhi in the 21st Century**. The resource person Mr. Austin Dias, Lecturer by profession at Swami Vivekananda Vidya Prasarak Mandal College of Commerce, Borim elaborated on Mahatma Gandhi as the leader of the masses who adopted the technique of non-violence as a weapon of warfare and led various movements to gain for Indians, the rights that belong to us. He mentioned the books penned by the Mahatma, through which he gave us moral values that are relevant even in our current generation. The talk concluded with Mahatma Gandhi’s quote **Simple Living, High Thinking**, which throws light on Gandhiji’s simplicity. The Webinar came to an end with the Vote of Thanks by Mr. Agnelo Dias. E-certificates were provided to the participants. The Webinar was attended to by as many as 130 participants, who were enriched with the principles and techniques of Gandhi.

4. 30th September, 2021 - Webinar on Government job awareness in the banking sector

A webinar on Government Job Awareness was conducted by Experts Corner Academy, Mumbai on 30th September 2021. The resource Person for the same was Ms. Anjum Khan, Public speaker, Trainer Coach and Educator. In her interaction with the students, she told the students that career should be decided keeping in mind what they are good at, what they love doing and what pays well. She explained the different job opportunities in the Banking Sector, the entrance exams conducted

by IBPS and SBI. The trainer offered tips on how one can pass the banking exams. Students should possess quantitative Aptitude, Numerical Ability, Reasoning and knowledge of English.

5. National Webinar on Women in Wildlife Research

On the occasion of Wildlife Week 2021, Biodiversity Research Cell, Department Of Zoology, Carmel College organized a National Webinar on Women in Wildlife Research in partnership with Goa State Biodiversity Board, on 04th October 2021. Dr. Pradeep Sarmokadam, Member Secretary of Goa State Biodiversity Board highlighted on the awareness of wildlife conservation and need for more representation in field biology and research. He mentioned the Zoology departments' continuous involvement in documentation and research in biodiversity of Goa. Dr. Manoj Borkar, Head of Zoology Department elaborated on the scope of the webinar and wildlife week, encouraging women to seek opportunities in wildlife research. Our first speaker for the webinar was Ms. Parveen Shaikh, Scientist B at Bombay Natural History Society, Mumbai. She is the recipient of the Conservation Leadership Programme Future Conservationist Award, Birdlife International and Ravi Sankaran Research Grant. Her talk was on breeding ecology, migration studied using tagging of Indian Skimmer, an endangered bird breeding along the banks of Chambal river. She also pointed out the difficulties and other obstacle experienced by women in wildlife biology.

Our 2nd speaker was Dr. Devica Ranade, Program Manager at Nature Conservation Foundation and Founder of EcoRE (Ecology Research Explained). Her talk was on animal behaviour, her work on Peninsular Rock Agamas, Meerkts and Giraffes in South Africa. She explored the nuances of building a research project, opportunities and scholarships available.

6. Webinar - On the 10th of October

COOJ partnered with the college and organized a webinar on the theme, “Mental Health in an unequal world”, titled “Towards 10 on 10 in mental health. The webinar consisted of 10 interesting talks covering 10 perspectives.

7. 23rd October, 2021 - International webinar on “Diversity and Conservation concerns of Marine Mammals”

The Biodiversity Research Cell, Department of Zoology, Carmel College of Arts, Science and Commerce organised an International webinar on “Diversity and Conservation concerns of Marine Mammals” in collaboration with Goa State Biodiversity Board and knowledge partner Wildlife Institute of India on October 23rd, 2021. More than 650 participants had registered from various academic and research institutions from 24 states of India and 14 countries. The resource persons for this webinar included Dr. K. Sivakumar, Scientist-F and Head, Department of Endangered Species Management, at Wildlife Institute of India, Karthik Ashok, Centre for Biological Diversity, Scottish Oceans Institute, University of St. Andrews, and Dr. Mridula Srinivasan, Director of the Marine Mammal and Turtle Division of the NOAA's Southeast Fisheries Science Centre. The International Webinar on Diversity and Conservation concerns of Marine Mammals was successfully hosted on the Zoom platform provided by the Goa State Biodiversity board and live streamed on the GSBB YouTube channel.

8. 18th November, 2021 - International Webinar on Bats and Zoonotic diseases with special reference to Covid – 19

Biodiversity Research Cell, Department of Zoology, Carmel College organized an International Webinar on Bats and Zoonotic diseases with special reference to Covid - 19 in partnership with Goa State Biodiversity Board, on 18th November 2021.

Dr. Nandakumar Kamat, Consultant, Microbial Diversity gave the opening remarks elaborating on Bats Status in Goa, their linkages with zoonoses and need for such studies. Our first speaker for the webinar was Dr. Chelmala Srinivasulu, Director, Centre for Biodiversity and Conservation Studies, Associate Professor, Department of Zoology, Osmania University, India. Dr. Srinivasulu spoke on diversity of bats in India, South Asia and highlighted on the need for studies on data deficient species and viruses reported in different bats species. Our 2nd speaker was Dr. Arinjay Banerjee, Research Scientist & Principal Investigator, Laboratory of Zoonotic Viruses and Comparative Immunology, Vaccine and Infectious Disease Organization (VIDO), University of Saskatchewan, Canada. Dr. Arinjay spoke on the isolation of Covid – 19 virus and complexity of zoonotic disease spillover. He highlighted on the need for ‘One Health’ approach to prevent and be ready for any such pandemics in future. Question and Answer sessions were moderated by Ms. Karen Braganza, Assistant Professor, Department of Zoology.

9. 20th& 21st November, 2021 - Annual International Conference (Hybrid Mode) on Writing in Restricted Spaces

Meenaba Gohil and Nimisha Patil of TYBA, English presented their papers at the annual international conference (Hybrid Mode) on Writing in Restricted Spaces organized by the Rajasthan Association for Studies in English, Udaipur. Meenaba spoke on Haruki Murakami and writing about the forbidden with special reference to his novel *Kafka on the Shore*. Nimisha spoke on how writing helped to cope with COVID. Faculty from the Department of English also presented their papers. Ashwini Kumar presented her paper on Deepa Mehta's films *Fire* and *Water*. Ayesha Antao presented on how films of the 80's show students breaking out of confining spaces. She spoke of *Dead Poets Society* (1989). Dr. Brian Mendonca interviewed a convict and presented a paper on prisons, people and art in Goa. He showed how art and poetry helped to redeem the life of a prisoner who was served a life sentence, and is now on parole. The papers were well-received.

10. 27th November, 2021 – National Level One day Workshop on Research Methodology

The Department of English, Carmel College of Arts, Science and Commerce for Women, organised a virtual National level One Day Workshop on Research Methodology, MLA 9th Edition on November 27th, 2021 from 10:00 a.m. to 12:00 noon. The resource person for the same was Dr. Akshata Bhat, Assistant Professor, DCT's Dhempe College of Arts and Science. Dr. Bhat began her presentation by emphasising the need for research as it is the process of knowledge creation which goes hand-in-hand with academics. She also stated that in order for research output to be considered as ethical, systematic and credible, citation and referencing are mandatory. Dr. Bhat further highlighted that the MLA 9th Edition is particularly significant as it has expanded the scope of sources, making it the most extensive, inclusive and futuristic edition to date. The workshop covered three broad topics which were as follows: general formatting in prose, how to cite works (bibliography) and how to provide in-text citations/references. Dr. Bhat followed up her

presentation with a Q & A session. The workshop was curated as an initiative under Azadi Ka Amrit Mahotsav – a celebration of India's 75th year of independence.

11. 2nd December, 2021 - Webinar on 'Financial Literacy'

The Department of Political Science conducted a 'Financial Literacy Webinar' for the students and general public. The resource person was Mr. Russell D'Souza, the proprietor of Smart Investment. It was held on 2nd December at 5 pm in the evening. The webinar was conducted through a link on Google meet which was shared among the students and others interested. Mr. D'Souza told the participants to think like business people. He spoke about the different types of funds and showed through a ppt how investments in different funds work. Mr. D'Souza shared his expert advice and guidance with all the participants as to where and in which companies one should invest. He also addressed the queries posed by the participants.

12. 7th December, 2021 - One day training workshop on Ornamental Fish Breeding, Rearing, Maintenance & Aquarium Fabrication

The Department of Zoology along with Krishi Vigyan Kendra, South Goa organized a training workshop on Ornamental Fish Breeding and Maintenance & Aquarium Fabrication on 7th December 2021. Twenty two students of Skill Enhancement Course from S.Y B. Sc. participated in the Workshop. The resource person was Dr. Hrishikesh Pawar, Scientist, Krishi Vigyan Kendra, Directorate of Agriculture, Government of Goa. The program started with Dr. Pawar delivering a lecture on the scope of Ornamental Fisheries, he spoke about the advantages of keeping an aquarium and also the possibilities of economic benefits if carried out on commercial basis. He also elaborated on the different kinds of aquarium fishes, aquarium plants and maintenance of Aquarium. After the lecture, Dr. Pawar demonstrated the process of fabrication of an Aquarium.

13. 7th December, 2021 - Workshop on 'Planting Techniques'

The Department of Botany organized a day's workshop on 'Planting Techniques' on 7th December, 2021 as a part of the 'Azadika Amrit Mahotsav' celebration with an aim to up-skill students with various planting techniques and in turn reach out to the community at large through them. 30 Botany students of final year and SEC participated in the workshop. Faculty of the department were resource persons for the workshop conducted in eight sessions. Dr. Kim Rodrigues conducted a session on '**Terrarium making**', wherein she explained the basics and different styles of terrariums followed by a step-wise demonstration on how to assemble a terrarium. The session on '**Preparation of potting mix & plant propagation by cuttings and air layering**' by Ms. Freda Pereira gave students the basic knowledge of how to prepare soil mix and pot a plant. She also demonstrated the technique of propagating plants using cuttings and air layering. In the session on '**Microgreens**', Dr. Janet Vaz e Mascarenhas explained the importance of microgreens in our diet and demonstrated the method of growing the same using different substrates. The '**Technique of making a Self-irrigated Pot**' demonstrated by Ms. Marsha Rodrigues is a pet bottle converted into a planter with a water reservoir at the bottom that can be left unattended over a period of time. Ms. Meena Miranda Verdes demonstrated the '**Technique of making a Kokedama**' popularly called moss ball planting. A demonstration on '**Techniques of budding and grafting**' was conducted by Dr. Divakar Mesta. Dr. Puja Sakhalkar demonstrated the '**Technique of erecting a vertical garden**' using pet bottle planters which is a suitable gardening style for urban homes. This was followed by a hands-on session wherein students planted small plantlets provided to them in pet bottle planters which they carried home as an encouragement to set up their own vertical gardens. In the session on '**Flower arrangement**', Ms. Marina Janice Rodrigues explained the basic principles of flower arrangements. This was followed by students putting their hands to assemble a miniature

floral basket for them. During the concluding session, Ms. Meena Miranda Verdes, Head of the Department, briefed about the various sessions and the aim of the workshop. As a follow-up, students had to teach any of the skills learnt during the workshop to a minimum of two people in their respective places of residence and provide photographic evidence of the same to earn a certificate of participation. The Principal, Dr. Sr. Maria Lizanne A. C. in her address encouraged students to make use of the skills learnt and also pass them on to members of the community at large.

14. 13th December, 2021 - Workshop on “Writing a Winning Resume”

Ms. Fay Fernandes, Human Resources Manager, The Gera School – Goa, engaged the students of M.Sc. (II) Food Technology in an interactive Workshop titled ‘Writing a Winning Resume’ on the 13th of December 2021. Ms. Fernandes brought into focus the important aspects that need to be addressed on a Resume whilst also highlighting the most common mistakes made in writing a resume. The importance of accompanying a Resume with a well-written Covering Letter was also emphasized. Other aspects that were discussed during the Workshop included professional profile pictures and the need to inculcate meaningful hobbies that could add value to the profile of a job applicant. The ways and means of pondering an applicant’s strengths and possible weaknesses – while converting the latter into a positive sounding behaviour – was also deliberated upon during the Workshop. The hour-long session, coordinated by Asst. Professor Sheryl Afonso e D’Souza, was a revelation for the students as the weight that a resume holds in securing a job was driven home interactively.

15. 20th December, 2021 -Workshop on “The Art and Science of Cocktails & Mocktails”

The 20th of December, 2021 turned out to be an ideal run-up to the Christmas festivities that followed as Mr. Edgar D’Souza walked the students of M.Sc. (II) Food Technology specializing in Beverage Technology through a theory-cum-practical session on The Art & Science of Cocktails and Mocktails. Sommelier Edgar D’Souza, who is also an author, an educator, and a beverage artiste, began the session explaining to the students the interesting history that led to the discovery of present-day cocktails and mocktails. He also enlightened the students about the alcoholic bases used in the making of cocktails and the flavours that should lead one in mixing beverages so as to develop a visually as well as a palatably enriching drink. The use of appropriate serving glasses for a cocktail/ mocktail was also emphasized while the students were encouraged to think out-of-the-box when creating and naming a beverage. The theoretical session then shifted to the Food Processing Laboratory where each student was called upon to make either a rum-, vodka-, or gin-based cocktails, following a recipe provided by Mr. Edgar D’Souza. A practical learning in itself, the students gained confidence in beverage preparation as they ultimately participated in a two-team face-off to decide the most innovative and delicious cocktail. The session, coordinated by Asst. Professor Sheryl Afonso e D’Souza, was enthusiastically received by the students, who profusely thanked Mr. Edgar D’Souza for helping them establish a stronger base in beverage technology.

16. 10th March, 2022 –National Level Webinar on “Exploring the Unexplored” (Career as Editors)

Department of Physics organised an online National Level Webinar on “Exploring the Unexplored” (Career as Editors for Science Students) on 10th March 2022. The resource person for the event was Mr. Vishwanath Gadgil (Editorial advisor at Springer Nature). The webinar was organised to make the participants aware about not so otherwise known career opportunities as an editor at science publication houses. The resource person in his talk told the participants about the publication industry and its never ending scope in the market. Making this industry one of the most stable in the

market and so the jobs in this industry. He also told participants about how to search for vacancies in such industries and apply for the job. At the end he made participants aware about the freelancing opportunity in such industry without actually taking up a full time job. This freelancing job could make up for earning to the students as they also study side by side. The full session is uploaded on the college official YouTube Channel (<https://youtu.be/Lh2iddJRdGs>). Around 123 participants registered for this webinar. The participants were from Gujarat, Karnataka, Haryana, Maharashtra, Madhya Pradesh, Tamil Nadu, Telangana, Bihar, Chhattisgarh. The majority of participants were from Goa.

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	06			06
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books	01		03	04
a. Research papers in Edited Books	02			02
b. Books		01		01
	International	National	Local	Total
III. Research papers in Conference Proceedings	01			01

Papers presented in Conferences / Seminars / Workshops:

Abroad	Within India	Within Goa
01	01	02

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
-	04	05

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
Nil	Dr. Solley Thomas

No. of Teachers pursuing Ph.D.: 08

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Manoj R. Borkar	“Goa State Biodiversity Conservation Award 2021”	Goa State Biodiversity Board on 3 rd August, 2021

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	01	02	--	03	01	--	--	01
State	04	01	--	05	--	--	--	--
National	03	04	--	07	--	--	--	--
Total	08	07	NIL	15	01	--	--	01

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st / 2 nd / 3 rd
Ms. Preeti R. Waghmode	KHAWANKAY G. Weight category in Senior Girls	22nd National SQAY Championship 2021-22 26 th -30 th December 2021	SQAY Association of Goa	1 st Place
Ms. Preeti R. Waghmode	LOBA in 74 kg weight category in Senior Girls	22nd National SQAY Championship 2021-22 26 th -30 th December 2021	SQAY Association of Goa.	2 nd Place
Ms. Swizel Fernandes	Bench Press 35 kg Junior Women in 52 kg weight class	North India Bench Press and Deadlift	RAW Power Lifting India	2 nd Place
Ms. Swizel Fernandes	Dead Lift 117.5 kg Junior Women in 52 kg weight class	North India Bench Press and Deadlift	RAW Power Lifting India	1 st Place

Ms. Pranali D. Naik	LOBA in 74 kg weight category in Senior Girls	22nd National SQAY Championship 2021-22 26th-30th December 2021	SQAY Association of Goa.	2 nd Place
Ms. Pranali D. Naik	KHAWANKAY G. Weight category in Senior Girls	22nd National SQAY Championship 2021-22	SQAY Association of Goa	1 st Place
Ms. Chelsea M. Fernandes	58kg LOBA weight category in Senior Girls	22nd National SQAY Championship 2021-22	SQAY Association of Goa.	2 nd Place

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.5 DCT's S. S. Dempo College of Commerce & Economics, Cujira, Bambolim

Year of Establishment: 1966

College Address : Dempo Charities Trust's Srinivassa Sinai Dempo College of Commerce & Economics, Cujira, Bambolim, Goa

Principal's Details:

Name: Dr. Sangeeta Chakrabarty, Acting Principal

Contact No: 0832/2976647

Email: principal@dempocollege.edu.in

College website : www.dempocollege.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
4	A	3.30 on seven point scale	May 02, 2017	May 01, 2022

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
BCom (Hons)	360	1080	366	1031
BBA	150	400	150	394
MCom	50	100	52	98
IMCom	40	160	29	103
MTTM	30	60	19	35
PGDM - EM	30	30	10	10

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 04

Any new course(s) started: NIL

Faculty strength: Full time regular: 25, Contract basis (BCom): 15, Contract basis (Self-finance): 20 (BBA, MCOM, IMCOM, MTTM, PGDM-EM)

Achievements of the College:

- Green Certificate awarded to college on 22/10/2021 for recycling 720 kgs of E-waste by Group Ten plus, Saligao.

Sponsored Research Projects only sanctioned / Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI Indexed Journals	UGC Recognized	ISSN	
I. Research papers in Journals	01	NIL	--	01
Total	01	NIL	--	01

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
	06	03

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
	05	02

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 17

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Cheryl Venan Dias	Smt. Kamal Sharma Awards for Academic Excellence	Lexicon Group of Institutes 6 th September, 2021

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	1	--	2	3	--	--	--	--
National	--	--	--	--	--	1	--	1
International	1	--	--	1	--	--	--	--
Total	2	--	2	4	--	1	--	1

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st / 2 nd / 3 rd
Nitish Belurkar	Chess	1st Grandmaster norm in Vezerkepzo International Chess Tournament from 26 th October to 04 th November 2021	GM ATTILA CZEBE 705268	1 st Place
Pratik Naik	Tennis Ball Cricket	28th Junior National Tennis Ball Cricket Championship from 27th to 30th	U.P and Agra Tennis Ball Cricket Association	2 nd Place

		September, 2021	
--	--	-----------------	--

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Dr. Cheryl Venan Dias is awarded the prestigious D. D. Kosambi Research Fellowship under postdoctoral Scheme of Directorate of Art and Culture, Government of Goa for the year 2021-22.

5A.6 M. E. S.'s Vasanti Joshi College of Arts & Commerce, Zuarinagar

Year of Establishment: 1972

College Address: M.E.S. College of Arts & Commerce Zuarinagar-Goa

Principal's Details:

Name: Dr. Manasvi M. Kamat

Contact No: 0832-2556010

Email: mescollege1@gmail.com

College website: www.mescollege.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
4 th	B+	2.68	23 rd February 2021	22 February 2026

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.A		540		444
B.Com		792		764
B.C.A		240		141
B.B.A (General)		132		115
B.B.A (Shipping & Logistics)		90		32
M.Com		76		38

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: N.A.

Any new course(s) started: No

Faculty strength

Permanent	41
Contractual	12
Lecture basis	12

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

National Level: 02

State Level: 02

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	2	3	1	6
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books				
a. Books	3	2		5
	International	National	Local	Total
III. Research papers in Conference Proceedings	9	7	–	16
Total	14	12	1	27

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
Nil	7	2

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Nil	5	10

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
Nil	02

No. of Teachers pursuing Ph.D.: 12

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	1	1	4	6
National	3	--	--	3	--	--	--	--
International	3	--	1	4	--	--	--	--
Total	6	--	1	7	1	1	4	6

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1st/ 2nd/ 3rd
Madan H.U.	Kata	7 th Invitational International Karate Championship 2022 Date: 9 th Jan, 2022	Shotokan Karate Do-Association	1 st
Madan H.U.	Kumite	7 th Invitational International Karate Championship 2022 Date: 9 th Jan, 2022	Shotokan Karate Do-Association	1 st
Madan H.U.	Kata	SKIA Shotokan International Karate Championship 2022 Date: 23 rd Jan, 2022	Shotokan Karate Do Indian Association (SKIA)	1 st
Madan H.U.	Kumite	SKIA Shotokan International Karate Championship 2022 Date: 23 rd Jan, 2022	Shotokan Karate Do Indian Association (SKIA)	3 rd
Madan H.U.	Individual Kata	Malnad Open 2 nd National Level Karate Championship Date: 27 th Feb, 2022	Unique Shotokan Karate Do Association	1 st

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution): NIL

5A.7 V V M's Shree Damodar College of Commerce & Economics, Margao

Year of Establishment: 1973

College Address: Shree Damodar Educational Campus, G.R. Kare Road, Tansor, Comba, Margao, Goa - 403601

Principal's Details:

Name: Prof. Prita D. Mallya

Contact No: 0832-2722500/511

Email: principal.sdcc@vvm.edu.in

College website: www.damodarcollege.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
4 th	A	3.03	2021	30-11-2021 to 29-11-2026

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
Bachelor of Commerce (B.COM)	264	255
Bachelor of Computer Applications (BCA)	88	88
Bachelor of Vocation in Software Technologies (B.Voc.(ST))	40	21
Bachelor of Business Administration in Financial Services (BBA(FS))	88	88
Master of Commerce (M.COM)	40	30
Postgraduate Diploma in Finance and Taxation (PGDFT)	40	4

Research Centre, If any: Yes → Research Centre in Management

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 01
Candidate-Registered for Management

Any new course(s) started: Postgraduate Diploma in Finance and Taxation (PGDFT) → Self-Financed Programme

Faculty strength: Principal - 01 and Full Time - 20

Achievements of the College:

- College was awarded 'A' grade by NAAC with effect from 30/11/2021.

Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/ Workshops Organized (Nos. only)

National Level: 01

Details of International Conferences/Workshops/Webinars organized: NIL

Publications: 02

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research Papers in Journals	01	01	----	02
Total	01	01	----	02

Papers presented in Conferences /Seminars/ Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 08

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	01	---	---	---	01	---	---	---
National	01	---	---	---	---	---	---	---
Total	02	---	---	---	01	---	---	---

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Vedant K. Nayak	Senior Boys LOBA	22 nd National Sqay Championship 2021-2022. Date: 26 th to 30 th December 2021	Sqay Association of Goa	1 st Place

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution): NIL

5A.8 Dnyanprassarak Mandal's College & Research Centre, Assagao

Year of Establishment: June, 1974

College Address: Assagao, Bardez, Goa – 403 507.

Principal's Details:

Name: Prof. D. B. Arolkar

Contact No: (0832) 2995683 / 2994488

Email: dbarolkar@rediffmail.com

College website: www.dmscollege.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
4 th	A	3.15	2021	05/12/2026

Courses offered, sanctioned and filled strength:

Courses offered	Sanctioned Strength Entry Level (Total)	Filled Strength Entry Level (Total)
B.A.	120	118
B.Sc.	160	102
B.Com.	330	328
B.B.A.	60	44
B.C.A.	60	54
M.Com. Part I & II	63 and 63	12 and 25
M.Sc. (Pharm. Chem.) Part I & II	38 and 38	36 and 34

M.Sc. (Organic Chemistry) Part I & II	38 and 38	38 and 37
M.Sc. Environmental Science	33	31

Research Centre: NO

No. of Candidates Registered for Ph. D	Subject wise	Research Center
--	Chemistry	Cluster System
04	Commerce	Cluster System

Any new course(s) started: Yes (M.Sc. – Environmental Science)

Faculty strength: 99 nos.

Achievements of the College:

- The college is ranked among top 150 Colleges in India by India Today. The BBA program is ranked 30th among the Management Institutes of India by the Times of India. The college has been selected under the “Unnat Bharat Abhiyan”, by MHRD, Government of India.
- The college has undergone the 4th Cycle of accreditation and has been awarded A grade and a score of 3.15 by the National Assessment and Accreditation Council (NAAC).
- Ms. Anushka Telang and group won cash prize for the Swachh Bharat Student Internship (SBSI) competition 2021-2022 conducted by Goa University. They won cash prize for the second consecutive year.
- Ms. Pranjal Mandrekar was awarded First Prize for Poster Presentation at T.Y.B.Sc. Symposium. Two students of M.Sc. Organic Chemistry underwent Internship Training on ‘Flow Chemistry’ at IISER Pune in 2022.
- Ms. Chloe Furtado of M.Sc. Part I secured Third Place at Pencak Silat National Federation Cup, Navelim, Goa.
- Senior Cadet Captain Gangesh Sameer Govekar and Petty Officer Cadet Riya Pramod Raut Desai of NCC NAVAL WING were the only cadets from Goa to represent Goa State at Republic Day Parade, New Delhi - 2022.
- Senior Cadet Captain Gangesh Sameer Govekar of NCC NAVAL WING represented Karnataka and Goa Directorate among 20 other Cadets from all over India at E-International Cultural Exchange Programme Singapore - 2021.

- Dr. Udaysing V. Rane, Lieutenant, Associate NCC Officer, Naval Wing is promoted from his current rank Lieutenant to Lieutenant Commander, the highest rank in NCC Naval Wing.

Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

International Level: Conference - 02

National Level: Seminar – 01, Conference – 01, Workshop- 01

State Level: Conference- 01, Seminar - 01

International Level Webinar: 04

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	15	---	04	19
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books				
a. Research papers in Edited Books	---	04	----	04
b. Books	---	01	---	01
	International	National	Local	Total
III. Research papers in Conference Proceedings	03	02	---	05
Total	18	07	04	29

Details of International Conferences/Workshops/Webinars organized:

1. A Two Day International Conference on ‘**Contemporary Discourses: Gender, Ecology and Literature of Protest**’ was organized by Department of English on **20th and 21st May, 2022.**
2. Annual State Level Student Seminar and Paper Presentation Competition ‘**Epiphany 4.0**’organised by Department of English on 22nd April, 2022.
3. A National level workshop on the topic “**Hands on Training in Sustainable Continuous Flow**

- Synthesis**” organized in association with Syngenta Biosciences on 23rd April, 2022.
- A Two Day Virtual International Conference entitled “**Advances in Green Chemistry and Sustainable Technology**” has been organized in association with Syngenta Biosciences Private Limited, on **29th and 30th September, 2021**.
 - A One Day Virtual National Conference on the topic “**Role of Women Chemists and Technologists for a Sustainable Future**” organized in association with the Rotary Club of Miramar, on **8th March, 2022**.
 - A One Day Conference on the topic “**GEOSPHERE: Where Geologists Meet**” has been organized by Department of Geology of our college in association with the Geological Society of Goa, on 20th April, 2022.
 - A National Seminar (offline) on “**Changes and Challenges in the Indian Economy: The Post Pandemic Shift in the Service Sector**” organized by Faculty of Commerce and Management in association with Vishwakarma College of Arts, Commerce and Science, Pune, on **12th and 13th May, 2022**.
 - International Webinar series-4 webinars conducted.

Papers presented in Conferences /Seminars/ Workshops:

Abroad	Within India	Within Goa
NIL	15	17

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	--	01

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
---	Dr. Amrut F. Naik Dr. Sandesh J. Naik Dr. Prabhat B. Dessai

No. of Teachers pursuing Ph.D.: 15 Nos.

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	12	10	4	36	4	1	7	12
State	1	1	1	3	----	----	----	NIL
National	2	2	1	5	1	----	1	2
Total	16	13	15	44	5	1	8	14

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Reshma Rathod	Tennis Ball Cricket	33 rd Senior National Tennis Ball Cricket	Tennis Ball Association, Jammu	3 rd Place
Amey Chari	Sqay Martial Art	23 rd Sqay Martial Art National Championship (AEROSQAY) 1 st to 3 rd Feb, 2023	Sqay Association, Haridwar Uttarakhand	1 st Place
Amisha Kambli	Sqay Martial Art	23 rd Sqay Martial Art National Championship (AEROSQAY) 1 st to 3 rd Feb, 2023	Sqay Association, Haridwar Uttarakhand	1 st Place
Tinku Kumar Pandit	Sqay Martial Art	23 rd Sqay Martial Art National Championship (LOBA) 1 st to 3 rd Feb, 2023	Sqay Association, Haridwar Uttarakhand	2 nd Place
Swarada Ravidas Shirodkar	Sqay Martial Art	23 rd Sqay Martial Art National Championship (KHAWANKAY) 1 st to 3 rd Feb, 2023	Sqay Association, Haridwar Uttarakhand	2 nd Place

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.9 Goa Vidyaprasarak Mandal's Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda

Year of Establishment: 1986

College Address: G.V.M.'s Gopal Govind Poy Raiturcar College of Commerce and Economics, Farmagudi, Ponda Goa.

Principal's Details:

Name: Dr. Makarand M. Chikodikar, Officiating Principal

Contact No: 9823983250

Email: gvmcce@yahoo.in / makarandchikodikar@gvmcommercecollege.ac.in

College website: www.gvmcommercecollege.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
Second	B Grade	2.70	3 rd March 2015	2 nd March 2020

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor of Commerce (B.Com.)		240		217
Bachelor of Computer Application (B.C.A.)		40		46
Master of Commerce (M.Com.)		40		15

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

Any new course(s) started: NIL

Faculty strength: 23

Achievements of the College:

- 03 paper publications, 01 Ph.D Awarded
- Two Short Term Certificate Courses were conducted

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level: 12

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	1	2	--	3
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books	--	--	--	--
a. Research papers in Edited Books	--	--	--	--
b. Books	--	2	--	2
Total	1	4	--	5

Papers presented in Conferences /Seminars /Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
	01

No. of Teachers pursuing Ph.D.: 02

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	02	--	02	--	--	--	--
International	01	--	--	01	--	--	--	--
Total	01	02	--	03	--	--	--	--

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Shri. Harsh Panghal	Taekwondo (U-74)	Asian Sikh Games 2021 29 th to 31 st Dec. 2021	Sikh Games Federation of India, New Delhi, India	Gold

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Mrs. Betty D'Silva, Director of Physical Education of our college secured Second place in 3 Kms Race (55 + W) at 1st State Masters Cross Country Race 2021 held on 17th October 2021 at Collem-Goa.

5A.10 P.E.S.'s Ravi S. Naik College of Arts & Science, Farmagudi, Ponda

Year of Establishment: 1986

College Address: Farmagudi, PondaGoa

Principal's Details:

Name: Dr. Vikas J. Pissurlekar

Contact No: 8329464616

Email: pessrsncol@gmail.com

College website: <http://www.pessrsncollege.edu.in>

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):
Reaccredited by NAAC with B Grade and a CGPA of 2.77**

Courses offered, sanctioned and filled strength:

Course		Sanctioned Strength	Filled strength
B.A.	F.Y.B.A.	180 + 10%	196
	S.Y.B.A.	180	157
	T.Y.B.A.	198	161
B.Sc.	F.Y.B.Sc.	240	220
	S.Y.B.Sc.	240	178
	T.Y.B.Sc.	240	210
M.Sc.(Org.Chemistry)	PART I	38	38
	PART II	42	42
M.Sc.(Microbiology)	PART I	25	22
	PART II	25	14

Faculty strength: Regular: 81, Contract Basis: 23

**Sponsored Research Projects only sanctioned/ Completed during June 2020 and May 2021.
(Include only research projects of minimum Rs one lakh)**

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
1.	Dr. Harsha P. Uskaikar	Corrosion and corrosion inhabitat study in environment of Goa	3years	DST, Goa	7,50,000	Completed
2.	Dr. Pritam Borkar Patil	Green synthesis of metal oxides for photocatalytic degradation of the dye effluents and hydrogen production	2 years	DST Goa	5,00,000	ongoing

3.	Dr. Kiran S. Naik	Hydrothermal synthesis of bioceramics	3 years	DST Goa	7,50,000	ongoing
4.	Dr. Rasika Gaokar	Bioremediation of toxic industrial pollutants from marine waters of Goa by alkaliphilic bacteria.	2 years	DST Goa	5,00,000	ongoing
5.	Dr. Varsha V. Kamat	Creation of in-depth literature related to history of Goa beginning from prehistoric to 1961 CE.	1 year	DHE Goa	1,00,000	completed
6.	Dr. Varsha V. Kamat	PM-YUVA mentorship scheme	6 months	National Book Trust, India, Ministry of education	30,000	completed
7.	Dr. Varsha V. Kamat	Unsung heroes of freedom struggle of Ind	3 months	Ministry of Culture, India	75,000	completed

Conferences/ Workshops Organized (Nos.only):

Sr. No	State	National	International
Webinar	2	1	-----
Workshop	30	-----	-----

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	8	8	18	34
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	2	14	-----	16
III. Research papers In Edited Books	-----	12	-----	12
a. Books	-----	----	--	---
Total	-----	26	---	28

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	12	--

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	--	1

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D: 08

Awards: One

Sports Achievements of Students: (Note: Specify only number)

Sr no.	Event	Level of Competition	Performance	Event Organizers	Team/ Individual
1.	Kabbadi organised by Goa Kabaddi Association, in collaboration with Vidya Prabodhani College of Commerce, Education, Computer and Management and Rosary College of	Inter-Collegiate	Winners	Goa Kabaddi Association	Team

	Commerce and Arts, Government College of Arts and Science, Khandola, Goa.				
2.	100 m Breaststroke Swimming category at All Goa Swimming Competition organized by Rotary Club of Ponda New Generation	Inter-Collegiate	3 rd Place	Rotary Club of Ponda New Generation	Individual
3.	100 m Butterfly Swimming category at All Goa Swimming Competition organized by Rotary Club of Ponda New Generation	Inter-Collegiate	3 rd Place	Rotary Club of Ponda New Generation	Individual
4.	Volleyball Championship organized by The Goa Volleyball Association in collaboration with Government College of Arts, Science and Commerce, Sanquelim and Government College of Music, Goa	Inter-Collegiate	Runners-up	The Goa Volleyball Association	Team
5.	Swimming Sub-Junior Junior and Senior Aquatic Championships (4x100 m free style), organized by Goa Swimming Association	Inter-Collegiate	1st Place	Goa Swimming Association	Individual
6.	Swimming Sub-Junior Junior and Senior Aquatic Championships (4X50 m free style mix), organized by Goa Swimming Association	Inter-Collegiate	2 nd Place	Goa Swimming Association	Individual
7.	Swimming Sub-Junior Junior and Senior Aquatic Championships (200 m Breast style), organized by Goa Swimming Association	Inter-Collegiate	2 nd place	Goa Swimming Association	Individual

8.	Swimming Sub-Junior Junior and Senior Aquatic Championships (100 m Breast style), organized by Goa Swimming Association	Inter-Collegiate	2 nd Place	Goa Swimming Association	Individual
9.	Swimming Sub-Junior Junior and Senior Aquatic Championships (4x50 m mix medley), organized by Goa Swimming Association	Inter-Collegiate	3 rd Place	Goa Swimming Association	Individual
10.	Swimming Sub-Junior Junior and Senior Aquatic Championships (50 m Breast style), organized by Goa Swimming Association.	Inter-Collegiate	3 rd Place	Goa Swimming Association	Individual

5A.11 Cuncolim Educational Society's College of Arts and Commerce, Cuncolim

Year of Establishment: 1987

College Address: C.E.S. College of Arts and Commerce Cuncolim-Salcete-Goa

Principal's Details

Name: Dr. Sanjay P. Sawant Dessai

Contact No: 2865210, whatsapp: 8766614175

Email: principal@cescollege.ac.in

College website: www.cescollege.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
2 nd	B	2.33	2018	2023

Courses offered, sanctioned and filled strength: BA, BSc, MSc (Chemistry)

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
B.A.	360	344
B.COM	360	217

Research Centre, If any: Yes (Cluster)

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

Commerce - 05, Geography - 01

Any new course(s) started: Nil

Faculty strength : Full time - 22

Achievements of the College:

- Signed MOU with GIPARD
- Excelled in Sports events at National level and awarded Gold medal at State level

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/Webinars organized

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	--	02	01	03
Total	--	02	01	03

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	01	06

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 03

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Prof. Sanjay P. Sawant Dessai	Best Teacher Award	Directorate of Higher Education, Govt. of Goa, 20 th December 2021

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	--	2	--	2
State	1	--	--	--	--	--	--	1
National	4	--	--	--	--	--	--	4
Total	--	--	--	--	--	--	--	7

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1st/2nd/3rd
Ms. Thereza Pereira	Martial arts	Individual 2021-22	State	Gold
Ms. Durgeshwari Shinde	Sqay martial arts	Individual 2021-22	State	Gold
Mr. Alok Yadav	Sepak Takraw	Team 2021-22	National	Participation
Mr. Abdul Shaikh	Sepak Takraw	Team 2021-22	National	Participation
Ms. Sweta K. Velip	Kho-Kho	Team 2021-22	National	Participation

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.12 Government College of Arts, Science and Commerce, Sanquelim

Year of Establishment: 1988

College Address: Govt. College of Arts Science and Commerce, Sanquelim, Goa.

Principal's Details:

Name: Prof. Gervasio S.F.L. Mendes (Offg. Principal)

Contact No: Ph. No. (0832) 2364271

Email: gcascsc@gmail.com

College website: www.gcascsc.ac.in

The NAAC accreditation Status:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
2 nd	A	3.17/4.00	2017	12/09/2017 to 11/09/2022

Courses offered, sanctioned and filled strength:

Course Offered	Sanction Strength		Filled strength	
	Entry level	(Total)	Entry level	(Total)
F.Y.B.A.	300		211	
S.Y.B.A.			174	
T.Y.B.A.			191	
F.Y.B.Sc.	180		157	
S.Y.B.Sc			155	
T.Y.B.Sc			139	
F.Y.B.Com.	180		114	
S.Y.B. Com.			96	
T.Y.B. Com.			113	
M.A. Hindi (Part-I)	30		23	
M.A. Hindi (Part-II)			17	
M.A. Economics (Part-I)	30		22	
M.A. Economics (Part-II)			07	
M.Sc. Maths (Part-I)	42		40	
M.Sc. Maths (Part-II)			36	
M.A. English (Part-I)	30		17	
Ph.D. Research Centre (Eco)			22	
Ph.D. Research Centre (Hindi)			09	
PGDAS	30		26	

Research Centre, If any: Cluster Research Centre in Economics and Hindi

Any new course(s) started: M.A. in English

Faculty strength: 51

Achievements of the College: (Only institutional achievements should be mentioned): NIL

Sponsored Research Projects sanctioned/Completed during June 2021 and May 2022 (Include only research projects of minimum Rs. One lakh)

Sr. No.	Name of the Investigator/s	Project Title	Date of Sanctioned and duration	Funding Agency	Amount (Rs. In Lakhs)	Specify whether sanctioned, ongoing or completed
1.	Mr. Evereth Fernandes	D.D. Kosambi Research fellowship scheme in Senior Category	2021-22 2 years	Directorate of Art and Culture, Government of Goa	1,20,000/-	Ongoing

Sponsored Consultancy Work sanctioned during the reporting period (Include only consultancy projects with minimum Rs. One lakh): NIL

Conferences/Workshops Organized:

National Level: 02

Details of International Conferences/Workshop organized: NIL

Publications:

Publications*	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
Research papers in journals	16	04	-	20
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	-	01	-	01
(a) Research Papers in Edited Books	-	01	-	01
	International	National	Local	

III. Research papers in Conference Proceedings	02	-	-	02
Total	18	06	--	24

Papers presented in Conferences/Seminars /Workshops:

Abroad	Within India	Within Goa
-	07	03

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	03	19

No. of teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 11

Awards/Honours:

Name of the Teacher	Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies
Prof. Soniya Sirsat	Remarkable contribution in Hindi and Konkani Literature, Criticism and Translation	Vishwa Vageshwari Samman'	Vishwa Hindi Sahitya Parishad (India, America, England, Mauritius)
Prof. Soniya Sirsat	Remarkable contribution in Hindi and Konkani Literature, Criticism and Translation	'Hindi Bharati Samman'	Vishwa Hindi Sahitya Parishad (India, America, England, Mauritius)
Prof. Soniya Sirsat	Remarkable contribution in Hindi and Konkani Literature, Criticism and Translation	'Rashtra Gaurav Samman 2021'	Tarak Seva Sanstha, Varanasi
Dr. Sneha	Contribution in Literature, Art and	Amhi Siddha Lekhika Navdurga	Amhi Siddha Lekhika,

Mahambre	Culture through Marathi literature	2021	Pune
Dr. Sneha Mahambre	Contribution towards propagation of Marathi Language in Goa	Anubandh Maharashtra-Goa	Shabdsarathi Parivar, Pune

Sports Achievements: (Specify only the number of winners)

Level of Competition	Individual Event				Team Event			
	First Place	Second Place	Third place	Total	First Place	Second Place	Third place	Total
Intercollegiate	-	-	-	-	02	-	-	02
Total	-	-	-	-	02	-	-	02

Details of the Sports Achievements at National and International Level only: NIL

Any other Special Achievements of faculty and students:

Faculty

Name of the Teacher	Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies
Prof. Soniya Sirsat	Remarkable contribution in Hindi and Konkani Literature, Criticism and Translation	'Vishwa Vageshwari Samman'	Vishwa Hindi Sahitya Parishad (India, America, England, Mauritius)
Prof. SoniyaSirsat	Remarkable contribution in Hindi and Konkani Literature, Criticism and Translation	'Hindi Bharati Samman'	Vishwa Hindi Sahitya Parishad (India, America, England, Mauritius)
Prof. Soniya Sirsat	Remarkable contribution in Hindi and Konkani Literature, Criticism and Translation	'Rashtra Gaurav Samman 2021'	Tarak Seva Sanstha, Varanasi

Dr. Sneha Mahambre	Contribution in Literature, Art and Culture through Marathi literature	Amhi Siddha LekhikaNavdurga 2021	Amhi Siddha Lekhika, Pune
Dr. Sneha Mahambre	Contribution towards propagation of Marathi Language in Goa	Anubandh Maharashtra-Goa	Shabdsarathi Parivar, Pune

Students

- 1) Ms. Shilpa Tate, the student of first batch of M. A. Hindi Programme of Government College of Arts, Science and Commerce, Sanquelim, Goa, has been awarded the SHRI. PRABHAKAR SHEJWADKAR GOLD MEDAL and the UTTARANCHAL SANSKRITIK MANDAL, GOA SCHOLARSHIP for obtaining highest marks in Hindi at the M. A. Examination for the Batch of 2018-2020.
- 2) Ms. PriyankaShirodkar secured Second Rank with A+ Grade at the M. A. Examination for the Batch of 2018-2020.
- 3) Ms. Nilima Paryekar secured Third Rank with A+ Grade at the M. A. Examination for the Batch of 2018-2020.
- 4) Ms. Priyanka Ulhas Naik, student of M.A. Economics was awarded Late Shri. Dilip Kumar Rayu Prabhu Mhambre Gold Medal, Prof. G.D. Parikh Memorial Scholarship and Late Dr. G. V. Kamat Helekar Endowment at the hands of H'ble Governor of Goa at Goa University.
- 5) Mr. Arjun Anant Morakar, student of M. A. Economics was awarded the Second Rank.
- 6) Ms. Bhoomi Jain received the DDG Commendation Card-CPL the National level award for her outstanding performance in NCC by Director General NCC, New Delhi.

5A.13 Government College of Arts, Science and Commerce, Quepem

Year of Establishment: 1989

College Address: Government College of Arts, Science and Commerce, Quepem, Goa

Principal's Details:

Name: Prof. Joydeep Bhattacharjee

Contact No: 9579671708

Email: govtcollegequepem@gmail.com

College website: www.gcq.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
2	A	3.23	2016	2021

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
BA	300	250
B Sc	240	200
B Com	240	219

Research Centre, If any: Konkani**No. of Candidates, subject wise, Registered for Ph. D under the Research Center:** 07**Any new course(s) started:** NO**Faculty strength:** 65**Achievements of the College:** NIL**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh):** NIL**Conferences/Workshops Organized (Nos. only)**

State Level: 03

Details of International Conferences/Workshops/Webinars organized: NIL**Publications:**

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	--	--	--	--
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books	--	--	--	--
a. Research papers in Edited Books	--	--	--	--
b. Books	--	--	--	--

	International	National	Local	Total
III. Research papers in Conference Proceedings	--	05	25	30
Total				

Papers presented in Conferences /Seminars/ Workshops:

Abroad	Within India	Within Goa
	06	35

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 20

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	Kho Kho	--	--	01
National	Sqyay	--	--	01	--	--	--	--
Total	01	--	--	01	01	--	--	01

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.14 Government College of Arts, Science & Commerce, Khandola, Marcela

Year of Establishment: 1989

College Address: Govt. College of Arts, Science & Commerce, Khandola, Marcela, Goa.

Principal's details:

Name: Prof. Purnakala V. Samant

Contact No.:9326142001

Email: gcasck@rediffmail.com

College Website: www.khandolacollege.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
2	A	3.01	2016-17	05 years

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
B. A.	60	202
B.Sc.	80	113
B. Com.	120	135
B.Voc.	40	28
M.Sc. (Chemistry)	30	33
M.com.	40	41
M.A. (Geography)	30	46
M.A. Microbiology)	20	28

Research Centre, If any: Yes. In Chemistry

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

No. of Candidates	subject wise	Registered for Ph. D under the Research Center
01	Geography	Cluster Research Centre

0	Chemistry	Cluster Research Centre
04	Microbiology	Cluster Research Centre

Any new course(s) started: N o

Faculty strength: 158

Achievements of the College:

- College participated in India Today ranking. In the Arts Stream-146, Science Stream-150 and Commerce -188 was the ranking for India Today 2021.
- College received One Star from Institution of Innovation Council (IIC), Ministry of Human Resource Development, Govt. of India. Also, the Department of Microbiology was awarded Best Department Award by the Microbiologists Society, India.
- Teachers were recognized and awarded for their significant contributions to higher education, research and community service through Best State Teacher Award in Higher Education (Dr. Dilecta D'Costa), Best Young Scientist Award (Dr. Sushama Dessai), Best Senior Scientist Award (Dr. Gauri Achari) and Hindi Sevi Puraskar (Dr. Asha Gahloth).
- New Vocational program i.e. B.Voc. in Software Technology was introduced. A new B.Voc laboratory was also set up including computers, internet facility and books. Started MSc Microbiology Part II with adequate infrastructure -
- Ms. Chaitali Parsekar was awarded a second place at India International Science Festival 2020 (IISF 2020) organised by Ministry of Science and Technology, Govt. of Goa for her presentation on the theme "Women Entrepreneur-My Business My Story". -Mr. Sachin Gaonkar was awarded First place in state level inter-collegiate essay competition on the topic "Effect of Covid-19 pandemic on education of college students". -Varada Sawant secured the third place for the elocution competition on the Vigilance Awareness Week organized by Goa Shipyard Limited.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

Department of English

- Three faculty members of the Department of English, Dr. Lopamudra Banerjee, Ms. Mavis Rodrigues and Mr. Elroy Rebello were appointed as Instructors in Kaushalya Saptak, a skill development vacation camp for school children, organised by DHE, Govt. of Goa, from 8th to 13th November, 2021. Through the unique initiative in the form of Communication Skills Training Workshop, the students gained an insight into the

importance of communication skills.

- Vocabulary is a foundation on which communication skills develop. There are different techniques and tools through which people can develop and improve their vocabulary. Keeping this in mind, the Department of English organised a series of Online Word Games for vocabulary development as part of its Azadi ka Amrit Mahotsav celebrations. The first online word game was a Crossword Puzzle on the theme of celebrations organised on 31 October 2021. The second word game was organised on 26 January 2022, "Online Word and Game" and celebrated India's Republic Day. The second word game saw enthusiastic participation of 217 students and faculty from across Goa and India. Ms. Mavis Rodrigues, Assistant Professor in English, was the coordinator of the Online Word Games.
- On the occasion of International Women's Day, the Department of English organised a state-level online quiz "Women and Literature" on 8 March 2022. There were 165 participants. Ms. Mavis Rodrigues was the coordinator of the Women and Literature quiz.
- The Department of English organised a short story writing competition "Tell A Tale", on 25 March 2022. The aim was to encourage students to write creative and original stories. The coordinator of the competition was Ms. Shruti Vithal Naik, Assistant Professor in English.
- Dr. Lopamudra Banerjee successfully completed the 111th FIP conducted by UGC HRDC Goa University from 21st September, 2021 to 28th October, 2021.
- Dr. Lopamudra Banerjee attended and successfully completed Training Programme on the Right of Senior Citizens and Persons with Disabilities (PWDs) on 16th to 18th November, 2021, organised by GIPARD, Ella Farm, Old Goa.
- Dr. Lopamudra Banerjee attended FDP on "Positive Classrooms- Creating Student Engagement" organized by GIM on 7th December, 2021
Dr. Lopamudra Banerjee attended a Training on conduct of polls at Collectorate, South Goa, Margao on 17th December, 2021. (9:30 a.m. to 11:00 a.m.) and on 3rd and 8th February 2022 at A.J. Almeida High School, Ponda and was appointed as the Presiding Officer at Polling station 42 from 21-Ponda Assembly Constituency for the Goa State Legislative Assembly Election 2022 on 14th February 2022.
- Ms. Mavis Rodrigues attended a National-level 30hr Online Workshop on 'Contemporary Research: Issues, Challenges and Methodology', from 4th to 13th October 2021, organised by the Department of English, Mehr Chand Mahajan DAV College for Women, Chandigarh.
- Ms. Mavis Rodrigues attended an online workshop on 'The Complexity of Domestic Abuse' organised by Alpha Vesta CIC on 9th November 2021.
Ms. Mavis Rodrigues was the resource person at a Creative Writing workshop organised by the Dept. Of English, Govt. College of Arts, Science and Commerce, Sanquelim on 26th March 2022.
- Dr. Lopamudra Banerjee, Ms. Mavis Rodrigues and Ms. Delilah Antao attended online Literature Festival 'Qissa 2022' organised by Sophia College (Autonomous), Mumbai

from 17th-19thFebruary 2022.

Dr. Lopamudra Banerjee attended 'Workshop on Misinformation', through online mode, organized by the Department of English in collaboration with the IQAC of M.E.S. College of Arts & Commerce on 24th February 2022 from 02:00 to 04:00 pm. Mr. Bharat Nayak was the resource person.

- Dr. Lopamudra Banerjee, Ms. Mavis Rodrigues and Ms. Delilah Antao attended the National Webinar on 'Resonating Wonder: Shakespeare in Indian and Global Avatars', organized by The Research and PG Department of English of St. Thomas College (Autonomous), Thrissur on 25th February 2022, through online mode.
- Dr. Lopamudra Banerjee and Ms. Delilah Antao attended one day FDP on CAS ('Career Advancement Scheme-Policy Guidelines' and 'API Score Calculation and Documentation') organised by the IQAD of Govt. College of Arts, Science and Commerce, Khandola, Marcela- Goa on 26th February 2022.
- Dr. Lopamudra Banerjee, Ms. Mavis Rodrigues and Ms. Delilah Antao attended a training programme on 'Outcome Based Education: Programme and Course Assignment and Attainment' organised by the Dept. of Teaching, Learning and Educational Technology and the IQAD of Govt. College of Arts, Science and Commerce, Khandola, Marcela-Goa on 15th March 2022. Time-10:30 to 3:30. Resource Person- Prof. Niyam Marchon, Dept. of Teaching, Learning and Educational Technology, State Higher Education Council, DHE.

Department of Microbiology, GCASCK

- **State-level E-Quiz competition** was organized on 13th September 2021 (Coordinator: Dr. Sapna S. Gaitonde)
- **National level Seminar/Webinar on "COVID19 Vaccines - A boon to humanity"** – Resource Person Dr. Judith Braganca, Associate Professor, Dept. of Biological Sciences, BIT PILANI, Goa on 17th September 2022 (Convenor: Dr. Dilecta D'Costa and Coordinator: Dr. Aureen Gomes).
- **National webinar** organized on "**Small bite, big threat: STOP DENGUE**" – Resource person Dr. Von Mascarenhas, in collaboration with Microbiologist's Society, India (MSI), on 16th October 2021. (Coordinator: Dr. Dilecta D'Costa and Organizing Member: Dr. Aureen Gomes).
- Organised **Inauguration Program of Microbiologists Society, India "Student Unit"** – Resource person Dr. Priya D'Costa, in collaboration with Microbiologists Society, India (MSI), on 13th November 2021 (Event coordinator: Dr. Dilecta D'Costa).
- Organised **State level Inter-collegiate event Fermented Food Fiesta "Fermentilicious"** under the Microincubator cell of Department of Microbiology on 15th November 2021 (Coordinator: Dr. Aureen Gomes and Co-coordinator: Dr. Sapna S. Gaitonde).
- Mycology Event entitled "**Mysterious Fungi and Mushroom Tales**" along with the **Felicitation of Prof. D. Jayaram Bhat** on 19th April 2022. (Coordinator: Dr. Michelle S.

Fernandes and Co-coordinators: Dr. Diviya Vaigankar, Dr. Sajiya Mujawar, Ms. Sulochana Shet)

Dr. Dilecta D'Costa

- Attended a **Webinar** on "Microbiome: Reorganizing thought process" organized by Sikkim University in association with MSI (North-Est India Chapter) on 10th October 2021
- **Delivered an invited talk** on "Infectious disease and Public health" at the 7th International Online Workshop on "Ayurveda for Public Health," organized by The Global Sanskrit Forum, Goa, on 30th October 2021.
- **Attended an Online training Programme** on "Advanced Training Course on TB research in BSL3 and Protocols", organized by the University of Delhi, South Campus, New Delhi, from 26th October to 1st November 2021.
- Participated and judged oral presentations for the National webinar on "Technological Advances in Applied Microbiology" organised by Department of Microbiology, Goa University, 10th – 12th November 2021.
- **Delivered an invited talk** on "Personal hygiene to prevent infections in women" at the Lecture series on "Women in Leadership" organized by Women welfare and SC/ST students welfare committee, Parvatibai Chowgule College of Arts, and Science on 30th November 2021.
- Attended a **webinar** on "Clinical Trial Fundamentals for Healthcare Startups" on 3rd December 2021 by Aditi Hazra-Ganju for BITS BIRAC BioNEST organized by BITS Pilani, Goa.
- **Delivered a lecture** on "Foodborne pathogens" to PG Microbiology students of PES College, Ponda, Goa, on 17th December 2021.
- Was awarded State Teacher Award for excellence in Higher education for the academic year 2021-2022 by DHE at Goa University on 20th December 2022
- Attended the **Departmental Promotion Committee Meeting**, as a representative of DHE for the grant of "Modified Assured Career Progression Scheme (MACP)" to the Non-teaching Staff-Members held on 4th January 2022 at the Office of the Principal, St. Xavier's College, Mapusa.
- **Was awarded certificate of appreciation** by Yuva Shakti Abhiyan on Yuva Shakti Abhiyaan orientation held from 21st – 27th February 2022
- **Delivered a lecture** on "Health & Hygiene" at a 7 day National webinar on Yuva Shakti Abhiyan: The initiation of Shakti – A national movement for women organized by Pradnya Shakti Goa on 27th February 2022
- **Judged the Sci-Essay competition** at the Vigyan SarvatraPujyata, Festival of SCoPE (Science & Technology Communication, Popularization & its Extension) held at Goa University, Taleigao Goa, from 22-28 Feb 2022

Dr. Gauri Achari

- **Presented a paper** entitled “Characterization of bacteria degrading 3-hydroxy palmitic acid methyl ester (3 OH-PAME), a quorum-sensing molecule and of *Ralstonia solanacearum*” for "Research Coffee Series", at GCASCK on 8th October 2021.
- **Awarded 3rd place for Oral presentation** entitled “Quorum quenching: an antivirulence strategy to prevent bacterial wilt caused by *Ralstonia solanacearum*” at the National webinar on “Technological advances in applied microbiology” organised by Department of Microbiology, Goa University, 10th – 12th November 2021.
- Awarded **State level Senior Scientist Award** for the session 2020-21, by Microbiologist Society India, Osmanabad (Reg.No.MAH/4814/SAT).
- Attended **follow-up workshop** for "New Faculty Orientation & Mentoring Program 2021" organized by the Directorate of Higher Education, Porvorim-Goa, on 2nd December 2021.
- Departmental Co-ordinator for proposal submission and preparing pre-approval presentation of DBT Star College Scheme. 21st December 2021.
- **Attended a talk** by Mr. Paresh Porob (Assistant Conservator of Forest, Goa Forest Dept.) entitled 'Significance of Wildlife conservation' organized by the Nature Club, Government College of Arts, Science and Commerce, Khandola, Goa on 23rd December 2021 in College seminar hall.
- Completed a **short-term e-learning course**, ‘Democracy and electoral management in India’ conducted by the Office of the Chief Electoral Officer, Goa, and Department of Political Science, Goa University, from December 2021-January 2022.
- Part of the **judging team for the online Sci-Photography competition** at the “Vigyan Sarvatra Pujyate Festival of SCoPE (Science Technology Communication, Popularization and its Extension) for all Goa organized by the Office of the PSA and Ministry of Culture, GoI in association with Vigyan Prasar hosted and held at Goa University, Taleigao Plateau from February 22-28, 2022 (Judging done online on 25th February 2022).
- **Contributed ten modules** towards e-content of project **DISHTAVO**, DHE, Goa from January 2021 to December 2021 for TYBSc paper MIC109 Agricultural Microbiology.
- **Attended one-day faculty development program** on ‘Career advancement scheme (CAS)’ organized by Internal Quality Assurance Department, Government College of Arts, Science and Commerce, Khandola, Marcela, Goa 403107 on 26th February 2022 from 10:00 am to 1:00 pm in Offline mode. Resource persons Dr. Rajesh Pednekar (Associate Professor) and Mr. Shripad Merchant (Assistant Professor), DMs College, Mapusa, Goa
- **Was felicitated for State-level Senior Scientist Award** for the session 2020-21, by Microbiologist Society India, Osmanabad (Reg.No.MAH/4814/SAT), on 6th March 2022 online via Google Meet.

- **Was Deputed** to ParvatibaiChowgule College of Arts and Science- Autonomous, Margao, Goa as a **resource person** on 11th March 2022 and presented a talk entitled 'The role of microbial sciences in creating a sustainable future' for the Science Lecture series 2022 (7th -15th March 2022) organized by the Goa State Higher Education Council, Directorate of Higher Education in collaboration with Science Colleges in Goa.
- Published a Research article on 25th March, 2022- Ramesh, R., D'Souza, M., Asolkar, T., Achari, G., & Gupta, M. J. (2022). Rootstocks for the Management of Bacterial Wilt in Eggplant (*Solanum melongena* L.) and Tomato (*Solanum lycopersicum* L.) in the Coastal Regions of India. *Advances in Agriculture*, 1-10. <https://doi.org/10.1155/2022/8594080>

Dr. Sushama Dessai

- Awarded **State level Young Scientist Award** for the session 2020-21, by Microbiologist Society India, Osmanabad.

Dr. Sapna S. Gaitonde

- Attended the **FDP program** on INNOVATION, CREATIVITY organised by DST and GSIC on 18th – 19th November 2021.
- Served as a **member of the organizing committee of the India International Science Festival 2021** from 8th to 14th Dec 2021. She coordinated two events- Ecofest and Guinness Book of World Records.
- Attended **election training** duty on 3-2-2022 and 8-2-2022 at Almeida High school, Ponda
- Was selected for the title "INSC Young Researcher Award -2022" by the Institute of Scholars, IIP, on 5-2-2022.
- Attended **VignanSarvatraPujate** along with 16 students at Goa University on 23rd February, 2022.
- Attended a **training program on Deworming Day and Climate change** at Primary Health Centre, Betki, on 23-3-2022.
- Carried out the **Deworming day program** at GCASCK on 26-3-2022 for FY students. The tablets were distributed to 290 students on the campus.
- Under MGNCRE, the college premises (staff rooms, toilets, office space, principal office, laboratories) were maintained clean with the help of Housekeeping staff and planned every 15 days for **swattchta maintenance** (Coordinator- Dr. Sapna S. Gaitonde).

Dr. Aureen Gomes

- Participated in the **National webinar** entitled "Technological Advances in Applied Microbiology" organised by Department of Microbiology, Goa University, 10th – 12th November 2021.

Dr. DiviyaVaigankar

- **Was awarded 1st place for Oral presentation** entitled “Biogenic selenium nanoparticles: A promising futuristic nanogent against potential environmental threats” at the National webinar on “Technological advances in applied microbiology” organised by Department of Microbiology, Goa University, 10th – 12th November 2021.
- **Attended an online** talk on “My story – motivational session by success entrepreneur/ start up foundation” organised by Goa University.
- **Attended an online** talk on “My story – motivational session by successful innovators” by Akshay Tyagi organised by Goa University.
- **Presented a paper** entitled “Tellurite biotransformation and detoxification by *Shewanellabaltica* with the simultaneous synthesis of tellurium nanorods exhibiting photo-catalytic and anti-biofilm activity” for "Research Coffee Series", at GCASCK on 07/01/2022.
- **Attended a talk** by Dr. Ramesh Pai and Dr. R. Ramesh organized by IIC of Goa University on 28th February 2022
- Attended an Interactive meeting with the NAAC peer team as goa university alumni for the 4th cycle of assessment and accreditation held at Goa University on 4th April 2022

Dr. Sajiya Yusuf Mujawar

- **Participated and presented an oral presentation** on "Characterization and genomic analysis of a highly arsenite resistant and oxidizing bacterial strain *Bacillus flexus* SSAl1" at a National webinar on "Technological Advances in Applied Microbiology" organised by Department of Microbiology, Goa University, 10th – 12th November 2021.

Dr. Michelle S. Fernandes

- **Attended a workshop on ZOTERO** - Your personal research assistant, organized by the Department of Biotechnology, Goa University, on 30th October 2021.

Ms. Sulochana Shet

- **Attended a lecture** organized by Dept. of Microbiology, Goa University in celebration of Azadi ka amritmahotsav on 15th January 2022 entitled “Evaluation of Plant Growth Promoting Rhizobacteria and Influence of Rhizode position on the Tea Rhizosphere Microbiome of Darjeeling, India” by Dr. Abhrajyoti Ghosh from Bose Institute, Kolkata.
- Participated in an **online workshop** on ‘Entrepreneurship Skill, Attitude and Behavior Development’ organized by Institution’s Innovation Council in collaboration with Extension Activities Committee on 12th February, 2022.
- Gave a **talk** for the "Research Coffee Series" on the topic “Prokaryotic diversity of tropical coastal sand dunes ecosystem using metagenomics” on 1st April 2022.

Ms. Shilpa Shirodkar

- **Registered for Ph.D.** in Microbiology at Cluster research Centre, Khandola under the guidance of **Dr. Dilecta D’Costa** in November 2021-22.

Ms. Rajni Prabhu

- **Attended the webinar** on Awareness on Marine Farming organized by Swacch Bharat Student Internship Unit of P.E.S's R.S.N College of Arts & Science, Farmagudi Ponda-Goa on 10th February 2022.
- **Coordinated an E-POSTER competition** under SBSI committee in association with the Dept of microbiology on the theme: Energy conservation on 12th April 2022.

Departmental of Mathematics

- Organised an Inter-class PowerPoint Competition on “**Impact of major Breakthroughs in Mathematics**” on 16th November 2021
Coordinator was Mr. Vishal Gawas
- Organised a 3-Day event to celebrate National Mathematics Day from 21st - 23rd December 2021.
Coordinators were Mr. Vishal Gawas and Ms. Namrata Naik

Dr. Lucas Miranda

- Attained Prof. D. B. Wagh Endowment Lecture on 25th April 2022 organised by School of Physical and Applied Sciences, Goa University on the topic “**Algebraic and Topological structures of Operators on Hilbert Spaces**”.

Ms. Namrata G. Naik

- Attended one-week online lecture series on “Graph Theory and its Applications” organised by St. Xavier’s College, Mapusa Goa from 11/01/2022 – 16/01/2022.
- Attended 2-Day program on “An introduction to Geo Gebra” organised by St. Xavier’s College, Mapusa Goa from 24/01/2022 – 25/01/2022.
- Attended Faculty Development Program on “Data Analytics and Mathematical Software Tools” organised by Teaching Learning Centre, Ramanujan College, New Delhi under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Ministry of Education from 22nd February – 03rd March, 2022.
- Attended Training Programme on “**Outcome Based Education: Programme and Course Assignment and Attainment**” organised by the IQAD and The Department of Teaching, Learning and Educational Technology Govt college Khandola
- Attained Prof. D. B. Wagh Endowment Lecture on 25th April 2022 organised by School of Physical and Applied Sciences, Goa University on the topic “**Algebraic and Topological structures of Operators on Hilbert Spaces**”.

Mr. Vishal V. Gawas

- Cleared **MH SET** on 28th January 2022 which was held on 26th September 2021 by Savitribai Phule University Pune.
- Served as a Resource person for Science Lecture Series 2022 Organised by Goa State Higher Education Council, Directorate of Higher Education in collaboration with science colleges in Goa at Vividha Higher Secondary School Navelim Sanquelim Goa on 11th March 2022.
- Attended Training Programme on “**Outcome Based Education: Programme and Course Assignment and Attainment**” organised by the IQAD and The Department of Teaching, Learning and Educational Technology Government College Khandola.
- Attained Prof. D. B. Wagh Endowment Lecture on 25th April 2022 organised by School of Physical and Applied Sciences, Goa University on the topic “**Algebraic and Topological structures of Operators on Hilbert Spaces**”.

Mr. Vishnu Chari

- Attended Training Programme on “**Outcome Based Education: Programme and Course Assignment and Attainment**” organised by the IQAD and The Department of Teaching, Learning and Educational Technology Govt college Khandola

Department of Chemistry

- The Department of Chemistry, organised a oneweek online program in Research Training from 20/09/2021 to 26/09/2021 by Ms. Kavita Rathod focused towards various research aspects useful for carrying out the final year projects/dissertation for the students and the faculties enrolled for the PhD.
- Organised a two day Industry-Academia International Symposium (Virtual) on “Fuels for Environmental Sustainability” in association Vedanta Sesa Goa Ltd on 8th and 9th October 2021.
- Dr. Pratibha Bakre, Ms. Arti Naik and Dr. Siddhi Naik successfully completed 30 days Faculty Induction Programme (Guru Dakshata) sponsored by UGC – HRDC.
- The department organised interclass event “Luminescence” for T.Y and S.Y. B.Sc. Chemistry students. Various competitions with themes related to chemistry such as Akash Kandil making, Poetry etc. were held.
- Dr. Siddhi Naik attended a DOPT sponsored programme on “Human Rights and Child Rights” from 27th to 29th October 2021 organised by GIPARD Old Goa.
- Dr. Siddhi Naik also attended the international Webinar on 22nd October 2021 on the topic “Advances in Material Chemistry and applications” organized by Dhempe college Miramar.
- Dr. Apurva Narvekar participated in Faculty development programme entitled “Innovation, Creativity and Prototyping” on 18th and 19th November 2021, organised by Goa State Innovation Council.

- Dr. Pratibha Bakre attended Faculty Development Program by Directorate of Science and Technology at Margao from 18/11/2021 to 19/11/2021.
- All regular and contractual Female Faculties of the department attended the National Women's Parliament by Govt. of Goa at SPM stadium on 09th Nov 2021.
- Dr. Ashish Naik and Dr. Apurva Narvekar participated in Faculty development programme, organised by Goa Institute of Management, Poriem, Sattari Goa on 7th December 2021.
- Dr. Apurva participated in India International Science festival-2021, organised by Ministry of Earth sciences, Ministry of Science and Technology Vignana Bharat from 10th December to 13th December 2021.
- Dr. Pratibha V. Bakre Organised a Poster Competition for F.Y.B.Sc. Students on topic "Breakthrough Chemistry Discoveries in India Post Independence", on 18th December 2021.
- Ms. Arti Naik organised a Webinar on "Segregation and disposal of laboratory waste and effluents" 31st Jan 2022 for all B.Sc chemistry students and staff members. Resource person for the event was Dr. Girish Rawal, Team leader, Syngenta Biosciences Pvt Ltd, Corlim, Ilhas Goa.
- Dr. Pratibha attended National level webinar on a motivational session "My Story-Life of an Entrepreneur" organised by Institution's Innovation Council & IQAD of Government College of Arts, Science and Commerce, Khandola, Marcela Goa on 11 February 2022.
- Dr. Pooja H Bhargao and Ms. Unnati Sinari attended an online Skill Development Programme on '*Various Simulation Tools used in Research*' conducted from 28th February 2022 to 5th March 2022, organized by Satyabhama Institute of Science And Technology and funded by AICTE.
- Dr. Apurva Narvekar attended Vigyan Sarvatra Pujyate, Festival of SCOPE For All, hosted and held at Goa University as part of Science week celebration, on 23-Feb 2022.
- On the **occasion of National Science Day**, 28th Feb 2022, FY/SY. B.Sc. Students visited the School of Chemical Sciences, Goa University wherein various analytical instruments were demonstrated to them. The department also organised a quiz competition followed by the screening of a documentary film on 5th March to celebrate National Science day. The event was co-ordinated by Ms. Kavita Rathod and Dr. Prajakta Parab. 30 students participated in this event and received e-certificate for the same.
- Dr. Pooja H. Bhargao accompanied four T.Y.B. Sc students from Department of Chemistry for an *Intercollegiate Oral Quiz Competition* organized by the department of chemistry, at Dnyanprasarak Mandal's College and Research Centre Assagao-Goa, on Friday 11th March 2022, 1.30 pm onwards.
- Dr. Pratibha presented a paper titled: "CuO-NiO-TiO₂ bimetallic nanocomposites for environmental clean-up applications" at One Day Virtual National Conference on "Role of Women Chemists and Technologists for Sustainable Future", at Dnyanprassarak Mandal's College and Research Centre, Assagao Goa on 8th March 2022. She also delivered a lecture as Resource Person in GVM's College of Commerce & Economics, Farmagudi, Ponda -Goa on "Chemistry in Day-to-Day Life" under the event, Goa Science Lecture Series 2022,

organised by Goa State Higher Education Council at the Directorate of Higher Education, on 10th March 2022.

- The department organised an Industry-Academia Interface visit to Vedanta Pvt Ltd, Amona on 12th March 2022. Thirty Nine T.Y. Bsc Chemistry students were accompanied by 5 faculties to the location.
- All regular and contractual faculty of the department participated in training programme on “Outcome Based Education: Programme & Course Assignment and Attainment” organised by The Department of Teaching, Learning & Educational Technology & the IQAD, on 15th March 2022.
- Dr. Jyoti, Dr. Pratibha Bakre and Ms. Arti Naik also participated in “one day FDP” on CAS, on 26th Feb 2022 organised by IQAD, Govt College of Arts, Science and Commerce, Khandola Goa.
- Dr Pratibha Bakre & Dr. Jyoti Sawant submitted multidisciplinary project entitled “Physico-chemical and microbiological evaluation of Pomburpa spring” to Goa State Biodiversity Board, C/o Dept of Science, Technology & Environment, Saligao Goa in March 2022.
- Department of Chemistry submitted combined project proposal with microbiology department to DHE, for taking up for CSR funding, entitled “Creation of Facilities for monitoring and assessment of water, soil and Microbial Parameters”; Dr Jyoti Sawant as Principal Investigator, Dr. Rajashri, Dr. Sidhi Naik, Ms. Arti Naik, Dr. Pratibha and Dr. Richa are came on board as Project member.
- Ms. Arti Naik attended One day National Webinar on “New Trends in Analytical Techniques” on 30th March 2022 organized by the Department of Chemistry, St. Xavier’s College, Mapusa – Goa.
- The Department of Chemistry in association with the Bodhi Academy organised an interactive seminar for T Y BSc students on “Career counselling for Undergraduate students” on 19th April 2022. Ms Arti was an event coordinator.

MA Geography

- Post Graduate Department of Geography conducted a 4 day NET-SET Capacity Building Mentoring Program from 27th to 30th June 2022 for aspiring teachers and students of Geography.

Department of Konkani

- **An online certificate course on translation in Konkani**

The department of Konkani organised a 15 hours online certificate course on topic translation in Konkani from 21/5/21 to 10/6/21, scheduled between 4:00 to 5:00 pm. Six students participated in this Course. Coordinator of above online certificate course was Dr. Reshma Amit Kholkar and topic was Ankar -Swarup ani prakriya. Under this topic students learnt language skills, translation theory and its application. This course was designed to help the students to improve their writing and editing abilities. Some

students who had connectivity problems were sent screen shots personally and were told to do the required class work and those students were assessed every day. Assessment was done by giving English paragraph to translate in Konkani. At the beginning of the course students faced difficulty in translating but as the course progressed students were confident. At the end of the course feedback from participants was taken and they were given E- Certificates.

- **An online certificate course on translation in Konkani**

The department of Konkani had organised 15 hours of online certificate course on the topic Konkani Devanagari Script and Typing, Period: 18/6/2021 till 7/7/2021 scheduled between 2:00 to 3:00 PM, 8 students had participated in this course. Coordinator of the above online certificate courses was Dr. Reshma Amit kholkar.

- **An online State level webinar**

Government college of Arts, Science and Commerce Khandola [Department of Konkani] in collaboration with Samraat Club Marcela had Organised 1 hour State level webinar between 5-6 PM on 28-6-2021, on the topic Employment and Career opportunities in: in the field of Konkani. Students of standard 12th and graduates and general public were taken into consideration. Mr. Sandesh Prabhudessai, editor of Goa news was Resource Person. Principal of Government college of Khandola Dr. Purnakala Samant took the opportunity of welcoming the guest and thanking him for his decision to spend time with students from state and president of Samraat Club Ms kajal Chodankar welcomed the guest. There after Assistant Professor Ms Kiran palkar introduced Mr. Sandesh Prabhudessai. Mr. Prabhudessai then spoke to the students telling them of the importance of setting up personal goals in life and how it helps make their vision for the future clearer while presenting PPT. he stressed on various fields and opportunities in Konkani such as drama, art, culture, language, translation, typing etc and students were told to unmute mice and ask the questions inspite writing in chat box. Students asked various questions such as Upsc exams in Konkani, yuvavani and so on. At the end Mr. Sandesh Prabhudessai told story on demand and supply. And said where there is demand there is supply. In other words he said it is not only Konkani but we need to learn other languages too in order to have better employment opportunities. Vote of thanks was given by Smrt Rudraksh Dessai. No of participants for this webinar was above 100. Dr. Reshma Amit Kholkar co-ordinated the event. Over all the webinar helped the students to have a better understanding of the opportunities that could be offered in the Government college of Arts, Science and Commerce Khandola.

- **State level Webinar (Standardization of language and its dialects).**

[Department of Konkani] had Organised State level webinar on 24-7-2021, between 11:30 to 12:30 PM On the topic Standardization of language and its dialects. Teachers, Students and general public were taken into consideration. Ms. Edna Vaz Assistant Professor of Govt. college of Quepem was a resource Person. Principal of Government

college of Khandola Dr. Purnakala Samant welcomed the Resource Person. Assistant Professor Ms Kiran Palkar introduced Ms. Edna Vaz. Ms. Edna Vaz then spoke to the teachers and students telling them the importance of Standardization of language and its dialect. While presenting she stressed on various Konkani dialects such as Sashti, bardezi, antruzi, karvari, kodyali etc. She said it is not only one dialect of Konkani but we need to write in other dialects too. Teachers and students were told to ask the questions. Dr Narayan Dessai, Educationist, Translator, Youth Mentor asked question about documentation in Konkani. So also Professor Sunita Kanekar academician asked questions. Vote of thanks was given by Mr. Balkrishna Chopdekar. No of participants for this webinar were around 65. Dr. Reshma Amit Kholkar co-ordinated the event. Over all the webinar helped the students to have a better understanding of the Standardization of language and its dialect.

- **111th Faculty induction programme**

Dr. Reshma Amit Kholkar had attended 111th Faculty induction programme (online) held from 21-9-2021 to 28-10-2021 and had obtained A grade.

- **Display of wall papers**

2 wall papers were displayed by students of Konkani Department namely Saimangan and dnyanpithpuraskar Vizeta Damodar Mavzo during the academic year 2021-22.

- **Lekhak tumche bhetek (Talk)**

Konkani department had organised talk on the topic lekhak tumche bhetek (varsal katha jhelo: charcha) on 16-4-2022 .Total 40 students had participated. Resource person was Dr. Prakash Paryenkar. Dr. Reshma Amit Kholkar coordinated the event.

- **Online Slogan Writing Competition (घोशवाक्य सर्त)**

The department of Konkani organised Online Slogan Writing Competition (घोशवाक्य सर्त) on the theme Cleanliness in College महाविद्यालयांत नितळसाण on 15th December 2021. Total 03 students participated. Ms. Kiran Palkar co-ordinated the event.

- **online Short essay Competition (लघुनिबंद सर्त)**

The department of Konkani organised online Short essay Competition (लघुनिबंद सर्त) on the theme –गोंयचें नांव म्हान करपी गोंयकार on 19th December 2021. Total 03 students participated. Ms. Kiran Palkar co-ordinated the event.

Participation of teachers and students in seminars and competitions:

- Dr. Reshma Amit Kholkar, Ms. Kiran Palkar and Ms. Pranita Naik participated in 21st yuva sahitya sammelan at vidya prabodhini college porvorim on 19th and 20th March 2022 along with 21 students.

- Ms Pranita Naik had accompanied 2 students for quiz competition at V.M Salgaonkar college Miramar on 17th march 2022. Dr. Reshma kholkar and Ms. Kiran Palkar attended state level seminar on the topic Konkani Bhas ani bolyo on 4th march 2022 at sant sourobanath aambiye, Govt. College of pernem.
- Students of Konkani department Ms. Rahi Naik and Ms. Sandhya Naik had participated inswargiya Ramesh Veluskaryadastik an intercollegiate competition which was held on 31-3-2022 at Government College Quepem.
- Swachh Bharat Student Internship (SBSI).
- Our Student Ms. Sanika Kerkar won a consolation prize under SBSI activities for the AY 2020-2021 on 17th August. A total of 15 Colleges had participated from Goa. Coordinator & Mentor- Dr. Sapna S. Gaitonde.
- We won District Green Champion Title for south Goa District for AY 2020-2021 at the hands of Smt. Ruchika Katyal, IAS, Collector and District Magistrate, South Goa. This was under MGNCRE Scheme. Nodal Officer- Dr. Sapna S. Gaitonde.
- SBSI in association with Dept. of Microbiology had organised a National Level Essay competition on the occassion of International Tiger Day on 29th July, 2021 and the results for the same were declared on 31st August

DEPARTMENT OF PHYSICS, GCSCCK.

- **Innovative method of Teaching & Learning:**

Organised the competition on “**The Design and Creation of Innovative Garlands**” for the science students of this College on 21st Sep. 2021. The major objective of this competition is to acquire the skills to understand the series and parallel electrical connections, required for the practical work.

- **Extension services:**

- Prelim Practical examination was conducted for the Allied Health Sciences Course, of Goa Medical College (First Year Optometry) on 11th & 12th October, 2021.
- Conducted the practical sessions at the Department of Physics, in the subject of Physical Optics & Geometrical Optics, for the 9th Batch of the First Year Bachelor of Optometry, course of the Allied Health Sciences of GMC, Bambolim.
- Prashant V. Chodankar, was the Chairperson of Board of Examiner in the subject of Physical Optics & Geometrical Optics at the First Year Bachelor of Optometry Examination of the Allied Health Sciences of GMC, Bambolim held in October, 2021.

- **Workshop** : Organised two-day’s Workshop in Robotics on 13th & 14th Nov., 2021, for the science students of this College. The major objective of this workshop was to provide the basic knowledge of Robotics and create an interest in developing new ideas in the field of robotics. 42 students took the active part in the workshop.

- **Orientation lecture:** Organised an orientation lecture for the Electronics Students of FYBSC, on “**Career Opportunities in the field of Electronics**” by Mr. Arpit Jain, Examiner of Patent & Designs, Ministry of Commerce and industry, GoI, on 18th December, 2021 at Physics Laboratory.
- **Celebration of 75 years of India’s Independence:**

To commemorate India’s 75 years of Independence, Govt. College of Arts, Science & Commerce, Khandola, in collaboration with the Directorate of Information and Publicity, Govt. of Goa, Panjim, organised an educational event “**BHARAT KI AZADI KA AMRUT MAHOTSAV: TANTRADNYAN KE SATH!**” for the children and teenagers residing within the Marcela, and surrounding areas as a part of our community services.

Four different events, namely Chess Coaching Camp, Chess Tournament, Electronic Hobby Project and Robotics and Coding workshop, were held.

The Amrut Mahotsav, was formally inaugurated at the hands of Mr. Dilip Naik, Sarpanch of Village Panchayat, Betki-Candola, by lighting a traditional lamp. Officiating Principal of the College, Dr. Pravina Kerkar, welcomed the gathering and P. V. Chodankar, Co-ordinator of Amrut Mahotsav, highlighted the different activities under “**Bharat ki Azadi Ka Amrut Mahotsav : Tantradnyan Ke Sath**”, and its objectives. Forty six children took active part in basic coaching of chess and six participated as advance learner.

The Secretary of “Ponda Chess Association” and the Chess Arbiter, Mr. Amogh Namshikhar, was the main resource person for five days training program. Mr. Pramod Kamat and Mr. Kusha Naik were the instructors during the camp.

Chess Coaching camp was organized in collaboration with the PTA (Parents Teachers Association) of this College. Mr. Deepak Chari, Mr. Pratap Volvoikar, Mrs. Deepali Chari, PTA member were also present for the ceremony.

Director of Physical Education, GCASCK, Dr. T. S. Dey, Ms. Pradnya Gaonkar, Ms. Snehal Pednekar, Mr. Sujay Rane, Ms. Rajani Prabhu, Ms. Unnati Sinari, Mr. Linus, Mr. Maxwell, Ms. Michelle helped in co-ordination of this program. The compeering of the function was done by Ms. Johanna Gonsalves.

Chess Tournament: The Chess Tournament was held on 15th April, 2022, held at Multipurpose Hall of, Govt. College, Khandola. The Chief Guest for the “Flag Off” ceremony of Chess Tournament was Mr. *Ishwar Kubal*, Headmaster of Saraswati High

School, Juvem. The Chess Tournament was organized in collaboration with the Alumni Association of this College. Mr. Sarvesh Fulari, Dr. Savita Khandolkar, and many alumni members were present while Miss Rajani Prabhu, did the compeering of the “Flag Off” ceremony. 64 Boys and girls had participated in the tournament. Mr. Amog Namshikar was the Chief Arbiter and Mr. Pramod Kamat, Mr. Kusha Naik & Mr. Harshad Bhosle were the Arbiters for the tournament.

Result of the Chess is as follows:

1) **Boys Category:** Soham Gurudas Naik, bagged the first place while Anish Poojary & Neil Dias were declared second & third place respectively. Rohit Raviraj Bharadwaj, Parth Pramod Kamat, Sharmad Prasad Manerikar, Kedar Uday Naik, Jayesh Jeetendra Parab, Snehanish Sidhrth Naik, Madhav Venkatesh Sinari, Vardhan Hanumant Govenkar & Sitaram Ramchandra Sawant, were awarded with the consolation prizes.

2) **Girls Category:**

First Place: Pushti Harshad Bhosle

Second Place: Mrugana Savaikar

Third Place: Chandabi Malansha Makanda

Dishika Narvekar, Simran Shyam Tirkee & Asma Amarnath Parab were awarded with the consolation prizes.

Mayank Tukaram Shetkar, Vihaan Vallabh Tari & Vedant Chari were declared as the Promising players. The Trophies and the cash prizes were awarded to the winners.

Mr. Sagar Sakordekar, President of “Ponda Chess Association”, was the Chief Guest for the prize distribution ceremony of the tournament and Dr. Savita Khandolkar, Secretary of the Alumni Association Proposed the Vote of Thanks.

“Electronic Hobby Project” Workshop: This workshop was held on from 19th to 21st April, 2022, at the Physics Laboratory. 30 students took active part. The participants were introduced to the basics of electronics. The fundamental elements/devices used in electronic industry and their uses were made familiar. The skills required to learn new technology will also be thought to the participants. A small Electronics project was assigned to the group of two participants. The participants were trained to assemble, test and make this project working by the mentors. Refreshment, electronic kit and the participation certificates were given to all the participants.

ROBOTICS AND CODING WORKSHOP:

Last event of the *Mahotsav* was the “Robotics and Coding” workshop and was held on 23rd & 24th April, 2022, at the Physics Laboratory. 23 students took active part in learning the basics of

robotics automation and C++ language. This workshop was flagged off by Principal In-charge Dr. Pravina Kerkar. The aim of the workshop was to inspire the young minds to become creators versus consumers of technology.

In two days workshop, the participants got the opportunity to learn the technology of robotics and the coding using the Microcontroller (Arduino) Kit.

On the last day of the workshop, with the acquired knowledge, the participants developed the Robot, called A Line Follower, which walks on the marked white line. All the participants successfully completed their Robot. All the participants were provided with the working lunch and the Robotic kit. This workshop will certainly encourage the learner to discover the new ideas and will open the new horizons for the young minds.

Mr. Aditya Kamat, Mr. Emmanuel Lobo and Mr. Aman Naik were the resource person for this event.

All the activities were held smoothly and had a good response from the participants.

Mr. Sujay Rane, Ms. Pradnya Gaonkar and Ms. Snehal Pednekar, Asst. Professor of Department of Physics, worked hard to make this event a great success. Mr. P.V. Chodankar, was the event Co-ordinator.

Department of Computer Science

- **Ms. Sujata Gaonkar**, Associate Professor of Computer Science was a resource person to deliver a session on “**PowerPoint Presentations and Presentation Skills**” as a part of 40 days Departmental Training Programme for 14 Junior scale officers of Goa Police Service conducted by GIPARD on 23rd September, 2021 from 2:00pm to 6:00pm.
- **Ms. Sujata Gaonkar**, Associate Professor of Computer Science was a resource person for training Programme for Prison Warders on the topic “**Computer Skills: Open Office**” on 9th October, 2021 from 2:00pm to 5:00pm.
- **Ms. Anita Raicar**, Associate Professor of Computer Science, participated in 15 days Hands-on Workshop on “**Network Security**”.
- **Ms. Likita S. Shetty**, Assistant Professor in Computer Science attended One Day Seminar on “**Research Proposal Writing**” organized by the Computer Engineering Department of Don Bosco College of Engineering on 30th September, 2021.
- **Ms. Likita S. Shetty**, Assistant Professor in Computer Science successfully completed one-week online program in “**Research Training**” from 20-09-2021 to 26-09-2021 organized by Department of Chemistry in association with IQAD, GCASCK-Goa.
- Department of Computer Science organized State Level Webinar on the topic “**Ask Me Anything (A career guidance session)**” on October 29, 2021. The resource person was **Mr. Sreenath Maikkara, Facebook Lead, UK**. Associate Professor Anita Raicar was

the coordinator for the event. Inaugurated Department of Computer Science Youtube Channel. All the webinars have been hosted on the channel.

- Faculties of Department of Computer Science attended workshop training for **Kaushalya Saptak: A Skill Development Workshop Training** from 22nd October, 2021 to 26th October, 2021 for Computational Thinking (Both Offline and Online mode) and 29th October, 2021 for Coding Skills (Online mode).
- Faculties of Department of Computer Science were instructors for workshop training for **Kaushalya Saptak: A Skill Development vacation camp for school children organized by Directorate of Higher Education (DHE) in association with Google, TCS and ACM, India** from 8th November, 2021 to 13th November, 2021
- 10 Department of Computer Science organized “**Certificate Programme in RPA (Robotics Process Automation)**” on November 12, 2021. The resource persons were **Mrs. Ashwini Hegde, RPA and AI Lead, Tangentia and Mr. Prashant Chougule, Practice Technical Lead-AI/RPA**. Ms. Anita Raicar, Associate Professor was the coordinator for the event.
- **Ms. Anita Raicar**, Associate Professor attended 5 days **International FDP on Soft Skills for Capacity Building** from 8th November, 2021 to 12th November, 2021 organized by St. Joseph’s College, Trichy.
- Department of Computer Science organized a one-day IT Event “**TECHNOSPARKLE**” on 7th December, 2021.
- Students of Computer Science participated in the State Level IT Event “**Technophilia**” comprising of IOT, Drone, Robo-wars on 16th December, 2021. Mr. Umang Acodkar won second place for Drone Videography. Coordinator was Ms. Likita Shetty, Assistant Professor of Computer Science.
- Students of Computer Science participated in the Skill Based Workshop on “**The Art of 3D Printing**” held in collaboration with Goa State Innovation Council on 20th December, 2021 at Don Bosco College of Engineering, Margao, Goa. Coordinator was Ms. Anita Raicar, Associate Professor in Computer Science.
- **Ms. Sujata Gaonkar**, Associate Professor in Computer Science participated and completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP ON “**DCS Switching and Routing**” from 17/01/2022 to 21/01/2022.
- Department of Computer Science conducted **Certificate Course** in “**Office Management and Internet Technologies**” from 17th January, 2022 to 22nd January, 2022 for Non-Teaching staff. Coordinator was Ms. Anita Raicar and instructors for the sessions were Ms. Likita Shetty, Ms. Bhakti Gawas and Ms. Vandana Sawant.
- Ms. Anita Raicar, Associate Professor in Computer Science was as a resource person for Higher Secondary students of Mustifund on “**Personality and Mind Matters**” conducted on 1st February, 2022.
- Ms. Anita Raicar, Associate Professor in Computer Science was as a resource person for delivering a session on the topic “**Happy Teachers**” for Sanjay School teachers on Mind Management where 90 teachers participated on 12/02/2022.

- **Ms. Sujata Gaonkar**, Associate Professor of Computer Science was invited as a resource person at “**Training Programme for the Newly Appointed Staff for the State Commissioner for Persons with Disabilities – Phase II**” from 23rd to 25th February, 2022 at GIPARD.
- **Ms. Anita Raicar**, Associate Professor of Computer Science was invited as a chief guest and resource person for a talk on “**WOMEN and SPIRITUALITY**” by Patanjali Yoga Samiti, Mapusa peddem ground on 8th March, 2022.
- **Ms. Likita Shetty**, Assistant Professor of Computer Science successfully completed the 2-days workshop on “**Deep into Python**” on 19th and 26th February 2022 hosted by Don Bosco College of Engineering – Fatorda in association with ACM Goa Chapter and ACM India iSIGCSE.
- **Ms. Likita Shetty**, Assistant Professor of Computer Science, participated in **State Level Webinar** held on the occasion of National Science Day on the topic “**Security Intelligence on Cyber Crime: Device Targeted**” on 28th February 2022 organized by Goa Multi-Faculty College, Dharbandora – Goa.
- **Ms. Likita Shetty**, Assistant Professor of Computer Science attended One-day workshop/training programme on ‘**Outcome Based Education: Programme and Course Assignment and Attainment**’ organized by the Department of Teaching, Learning and Educational Technology and the IQAD of GCASCK on 15th March, 2022.
- Department of Computer Science and B.Voc. organized a State Level Webinar on the topic “**Digital Marketing**” on March 26, 2022. The resource person was **Ms. Teja Gawde, Business Manager, Public is Groupe**. **Ms. Vandana Sawant**, Assistant Professor was the coordinator for the event.

Department of Vocation (Software Technologies)

- Computer Engineering Department of Don Bosco College of Engineering organized one day seminar on “**Research Proposal Writing**” on 30th September 2021 in online mode. Faculty members Ms Ana Gracy Fernandes & Pooja Dalvi attended the same.
- Department of Vocational Studies (Software technologies) in association with Institute Innovation Council, organized a webinar on the topic “**Trends and Techniques in Data Mining**” on 9th October 2021. The resource person was Ms. Diana Miranda, Assistant Professor in Information Technology, Goa College of Engineering. Ms Pooja Dalvi was the event coordinator. **40 students and 5 faculties** attended the same.
- Faculty Ana Gracy Fernandes participated in Three-Day FDP on “**Basics of Research Statistics**” organized by A2Z EduLearningHub, Kerela, on 1st, 2nd & 3rd October 2021.
- Faculty, Ms. Pooja Dalvi presented a paper on “**Review of Machine learning and Deep learning perspectives for IoT**” for research coffee series on 1st October 2021 organized by the Research cell of the college.
- Faculty Pooja Dalvi attended 3 days orientation programme organized by DHE at Sanskriti Bhavan from 6th October to 8th October 2021.

- The department staff, Aditi Shetkar, Vinita Korgaonkar & Pooja Dalvi attended training session for *Computational Thinking of Skill Development Program*, “**Kaushalya Saptak**” from 22nd October to 26th October 2021 organized by DHE.
- For the skill development of school students, vacation camp “**Kaushalya Saptak**” was organized by the College in association with DHE from 8th November to 13th November 2021. Ms. Pooja Dalvi, Ms. Aditi Shetkar, Ms. Vinita Korgaonkar were the instructors for Kaushalya Saptak. Faculty Pooja Dalvi was the programme Coordinator.
- Ms. Aditi Shetkar organized poster making competition on theme “**E-waste management and disposal**” on 15th November 2021. Eight students participated for the event.
The 1st place won by Nathan Po, 2nd place won by Satyam Shetkar.
- Ms. Vinita Korgaonkar and Ms. Pooja Dalvi organized Greeting Card (Gif) Designing competition on the theme of “**Christmas**” on 10th December 2021.
1st place won by Nathan Po and Preeti Kerkar
2nd place won by Siddhi Kamtekar and Pooja Satarkar
3rd place won by Steffy Souza and Praveen Elipe.
- Ms. Vinita Korgaonkar Attended National level webinar “**Best practices in research- A practical approach towards innovation and development**” organized by the Rosary College of Commerce and Arts on 14th and 15th December 2021.
- Department of BVOC (Software Technologies) and Computer Science in collaboration with Goa State Innovation Council organized the *certificate course* on “**3D Printing**” on 20th December 2021 at Don Bosco College of Engineering, Margao Goa.
- **42 students of BVoc and computer Science** attended the certificate Course. Faculty Ms Anita Raicar, Pooja Dalvi, Angeeta Naik and Aditi Shetkar accompanied the students.
- Ms Pooja Dalvi was the Coordinator of the programme.
- Department of BVOC (Software Technologies) Organised *Hands-on workshop* on “**Bootstrap - A Web Designing Framework**” was organized on 22/12/2021 from 10.00am to 1.00pm for FY and SY bvoc students. **18 students** of BVoc benefitted of the same.
- The coordinator was Ms. Aditi Shetkar and resource person was Mr. Tushar Vaskar, CEO of Graphic By Tushar and visiting faculty at Chowgule College Margao
- Ms. Aditi Shetkar Presented a paper entitled “**Prediction of Novel Coronavirus using Supervised Machine Learning Algorithm**” at the International Conference on Big Data, Machine Learning and IoT Applications (ICBMLIA-2021) virtual conference held on 30/12/2021
- Ms. Pooja Dalvi participated in DHE follow-up activity of “**new faculty orientation and mentoring**” program that was conducted on 2nd December 2021 at DHE.
- Ms. Pooja Dalvi Attended a National level workshop on “**Importance of IPR, Patent Processing and role of Patent agent**” on 23rd December 2021 at VVM’s Govind Ramnath Kare College of Law, Margao Goa.

- Ms. Ana Gracy Fernandes, attended CODS COMAD 2022, An **international conference dedicated to advances in Data Science**, from 7th to 10th Jan 2022 held virtually in Bangalore.
- Ms. Ana Gracy Fernandes, Attended 3 day workshop on ‘**Machine learning using Python**’ on 14th Dec to 16th Dec’ 21, organized by A2Z education Hub, Kerala.
- Ms. Ana Gracy Fernandes Attended National Webinar Series on the theme '**Trends, Advancements & Applications in Computing**’ held on 8th December 2021, organized by Fr Agnel College, Pilar
- Ms. Ana Gracy Fernandes Attended e-learning course "**Overview of Geoprocessing using Python**" Conducted by IIRS, ISRO Outreach Programme, Dehradun from 17th January 2022 to 28th January 2022
- Faculty, Aditi Shetkar participated in POSTER PRESENTATION on theme "**Corona Virus Prediction using CART and ID3 Decision Tree Classifier**" IEEE ICONAT Conference jointly organized by Rajaram Bapu Institute of Technology Maharashtra and IEEE Bombay Section On 21st January 2022 from 11.30 to 12.30 in online mode.
- Pooja Dalvi and Vinita Korgaonkar attended Online elementary 5days ATAL FDP on “**DCS-Switching and Routing**” from 17/01/2022 to 21/01/2022 organised by Goa University.
- Vinita Korgaonkar Attended National level webinar on “**Foundations of Mathematics**” organised by Govt. College, Borda, Margao on 22nd December.
- Vinita Korgaonkar published the paper "**Study of E-tendering Solution implemented by Govt. of Goa**" in international journal of computer science, Jan 2022.
- Pooja Dalvi attended orientation session on IIC 4.0 on 24th January 2022.
- Ms. Ana Gracy Fernandes Attended One Week Online *Faculty Development Programme* on “**Artificial Intelligence for IoT Services in Cloud: Techniques & Applications**” organized by the Department of Information Technology, Dr B R Ambedkar National Institute of Technology, Jalandhar from 28th Feb - 4th March, 2022
- Ms. Ana Gracy Fernandes and Ms. Vinita Korgaonkar participated in the Online *Faculty Development Programme* on “**Introduction to Python Programming and its Applications**” organized by Electronics & ICT Academy IIT Guwahati held from 21 - 26 February, 2022 in association with North Eastern Regional Institute of Science and Technology, Arunachal Pradesh and support from Mantra Associates
- Ms. Ana Gracy Fernandes, Ms. Vinita Korgaonkar and Ms. Angeeta Naik participated in *State Level Webinar* held on the occasion of National Science Day on the topic “**Security Intelligence on Cyber Crime : Device Targeted**” on 28th February 2022 organised by Goa Multi-Faculty College, Dharbandora
- Ms. Pooja Dalvi delivered a webinar on the topic “**Education and skill based career**” for Yuva Shakti Abhiyan initiated by Pradnya Shakti, Goa on 25th February 2022.

- Ms. Pooja Dalvi attended FDP on “**Career Advancement Scheme**” organised by IQAD, Government College, Khandola on 26th February 2022
- Ms. Aditi Shetkar Attended 5 days onlineFDP on "**Artificial Intelligence & Machine Learning** " organized by IIT Guwahati in association with Manipur University & Techvictus
- Ms. Vinita Korgaonkar and Ms. Angeeta Naik Attended workshop on "**Deep into Python**" held on 19th and 26th Feb organised by Don Bosco College of Engineering, Fatorda in association with ACM Goa chapter.
- All regular and contract basis faculty members of B.Voc attended the training programme on “**Outcome based Education: Programme and Course Assignment and Attainment**” organised by department of teaching, learning and educational technology and IQAD of Government College, Khandola on 15th March 2022.
- Department of Computer Science and B.Voc organized a State level webinar on “**Digital Marketing**” on 26th March 2022.Ms TejaGawde was resource person for the talk. 30 students and 13 faculties participated for the webinar.
- Ms. Pooja Dalvi and Ms. Angeeta Naik attended “**3D printing workshop for Educators**” on 29th March 2022 at CIBA, Verna Goa.
- Department of B.Voc organized “**Debugging and Designing Competition**” for FYBVoc and SYBVoc on 12th April 2022.Six teams consisting of FYBVoc and SYBVoc students participated for the event.
- Department of B.Voc, organized Industrial visit at GBBN, Altinho, Panjim Goa for FYBVoc and SYBVoc students on 13thApril 2022.Ms Aditi Shetkar was the Coordinator for the industrial visit. Faculty Pooja Dalvi, Prachi Panjekar, Vinita Korgaonkar and Aditi shetkar accompanied the students of FYBVoc and SYBVoc. **34 students attended the same.**

Geography Department Annual Report 2021-2022

- Department has introduced TYBSC honours in Geography for the current academic year.
- Ms. Siddhi Gaonkar has organised a lecture on the topic “Research Methodology” for TYBA/ BSC by Prof. Nandkumar Sawant, HOD, Dept. of Geog., Parvatibai Chowgule College of Arts & Sci. Margao Goa, on 29th Oct. 2021 from 11:30 a.m. to 12:30 p.m.
- Mrs. Sumata Shetkar has organised a talk on the topic “Significance of Mangrove Forest” for SYBA/BSC and TYBA by Ms. Rohini Shetkar, on 30th Oct 2021.

- Mrs. Supriya Gaonkar has organised a webinar on “Climate Change: Present to Past” by Mr. Sourav Mukhopadhyay, Asst. Prof. & Research Scholar, Deccan College, Pune India on 10th December 2021 from 11 – 12:30 p.m.
- Ms. Velencia Dias and Mr. Vishal Gaonkar has organised a one-day workshop on Renewable and non-renewable energy resources by Dr. Annat J. Naik, Prof. of Electrical & Electronics Dept, GEC, Farmagudi and Ms. Fedora Dias, Lecturer in Electronics, Engineering Dept., Agnel Polytechnic Verna Goa on 17th December 2022 from 11 – 2p.m.
- The Department has organised a Geo – Fest on Geography Day on 14th Jan 2022. Geography theme-based competitions were organised such as Quiz, Ppt making, Rangoli, Sweet Dish making, Treasure hunt and Mr & Ms. Geography
- Ms. Velencia Dias & Ms. Jeslona Soares has organised Two – days value - added workshop on “Ecological Footprint – The Need” for all the students & Staff by Dr. Charlotte Braganza & Dr. Aarti Nayak, Asst. Prof., Dept of Environmental Studies, S. K. Somaniya College, Mumbai on 7th & 8th March 2022 at 1 to 4 pm.
- Ms. Merel D’Silva served as a resource person to give a talk on course mandate subject i.e. RGG/ EGG for the students in Govt. College Quepem on 22nd March 2022.
- Ms. Merel D’Silva has organised a 04-day value added workshop titled “Sustainability and Eco- Conscious Lifestyle #IAMTHECHNAGE for the students and staff of the college.
 - The first activity under the outreach workshop is an e-talk via webinar titled ‘Zero waste living and Circular Economy’ by Ms. Mrudula Joshi, entrepreneur and zero waste activist, founder of e-commerce platform Ullisu.com, on 25th March 2022 from 9:45 – 11:00 a.m.
 - The second activity under the outreach workshop is a hands-on session titled “Independence from Commercial Chemicals: DIY Bio-enzyme by Ms. Merel D’Silva, Asst. Prof. of Geography, on 21st April 2022 from 2:30 p.m. – 3:30p.m.
 - The third activity under the outreach workshop is a hands-on session titled” making and using Soapnut (Reetha) Cleaners” by Ms. Merel D’Silva, Asst. Prof. of Geography, on 22nd April 2022 from 1:00 p.m. – 2:00p.m.
- Ms. Merel D’Silva and Mr. Shubham Gude coordinating a certificate course on “Hands on Geographic Information System (GIS) Softwares for qualitative research in Geography.” For Ph.D Research Scholars of Geography, started from 19th March 2022 from 2 to 5 p.m.

Study Field Trips

- Ms. Sumata Naik and Ms. Siddhi Gaonkar has organised a nature trail at Dr. Salim Ali Bird Sanctuary for TYBA and TYBSC students on 21st November 2021.
- A syllabus mandated field trip was organised for TYBA and TYBSC Geography students to IMD, Altinho, Panjim Goa on 23rd March 2022, Coordinated by Ms. Merel D’Silva & Ms. Roshana Gawas, Asst. Prof. of Geog.

- A syllabus mandated field trip was organised for SYBSC and TYBSC Geography students to NCPOR, Vasco da Gama, Goa on 1st April 2022, Coordinated by Ms. Merel D’Silva, Ms. Roshana Gawas, Ms. Siddhi Gaonkar & Mr. Shubham Gude, Asst. Prof. of Geog.

Seminars/Research Publication

- Ms. Siddhi Gaonkar has participated and presented a paper entitled “Analysis of Shoreline Change in Coastal Goa: a study of Galgibag Beach using Geospatial Technologies” in one day Multi disciplinary International e-conference on Sustainable Development Goals in South Asia: Key Issues, opportunities, and challenges on 7th December 2021.
- The entitled paper published in UGC Care Listed Journal of International Journal of Biology, Pharmacy, and allied Sciences (IJBPAS), ISSN: 2277 – 4998 on 15th Jan 2022.

Department of Career Guidance and placement report 2021-22

- YEP by TCS

TCS youth employability programme is platform to transform a fresh graduate to employable graduate thru 100 hours training. 45 students of our college of 19-20,20-21 and 21-22 batch have joined this training which commenced on 1st February 2022. The sessions include training on basic communication skills, creation of account on NCS portal, Basic English Basic Mathematics etc.

- Talk on “ Job opportunities for Language students” in collaboration with Employment Exchange, panaji Goa

The Department of Career guidance and placement of Government College , Khandola in collaboration with Regional employment exchange , Govt of Goa conducted an orientation session for the benefit of students on the topic “ Job opportunities for Language students” on 31st March 2022. The resource person for the talk was Prof. Bhushan Bhawe, Principal of Vidhyaprabodhini college, porvorim. The event was co-coordinated by Mr Dattaraj Naik, Assistant employment officer, employment exchange. The resource person spoke on different job opportunities available for language students and insisted that they should not limit their job avenues to teaching and research but also explore areas like translation, script writing reporting and other technical mediums. Around 50 language students and teachers attended the talk.

Successful Placements

Sr No	Name of Company	Name of Hr	Student selected	Post	Date
1	GVK-EMRI	Mr. Leandro De Mello	Ms. Tahira Sayyad Ms. Kalpana Hulankar	Trainee Post graduate diploma in emergency care	September 2021

2	Lupin Pharma	Mr. Arjun Gaonkar	Mr. Pratik Dessai	NETAP, Packaging section	6 Jan 2022
3	Vedanta Pvt Ltd Value added business	Ms. Iqura Haroon	Mr. Ganesh Upadhyay	Post graduate Trainee	10/12/21
4.	Vedanta Pvt Ltd	Ms. Iqura Haroon	Shortlisted 5	Trainee	09/03/2022
5.	Zimetrics	Ms. Maseera Shaikh	Shortlisted 14 for final interview	Trainee	06/04/2022
6.	Hotel Park Plaza	Mr. Vivek Panvelkar	Ms. DakshataVelkaskar	Receptionist	17/04/2022

Apart from this companies like Xenerx, Talent Acquisition Team, XeA Innovations Pvt. Ltd. Bangalore, ScriptOne Solutions, Germany, Creative HR solutions, L& T approached us with different job profiles which were circulated thru students time to time.

The Department will be conducting talks on topics like cracking civil services exams, career counselling regarding company secretary, Awareness programme on Govt schemes by Bodhi Academy.

ANNUAL REPORT- DEPT OF PSYCHOLOGY 2021-22

- The Department of Psychology organised a **state level webinar** on 19th October 2021 titled, 'Mental Health in an Unequal world- Through the Gender Lens'. The resource person for the webinar was Ms. Devika Gupta from Sangath, an NGO which the department has an MoU with. The objective of this webinar was to commemorate **World Mental Health Day** and to create awareness on the gender issues related to mental health.
- The Department of Psychology collaborated with the Dept. of Economics, GCASCK and Goa College of Home Science, in Organising a **training programme for Self Help Groups** on how to secure FDA approval for their products and catering business and the procedure for securing license under FSSAI, on 25th November 2021, at Mahalaxmi Temple Hall, Tivrem. 41 participants (40 female and 1 male) benefitted from this programme.
- The Department of Psychology commemorated **World AIDS Day through an awareness program** (street play) on 1st December 2021 on the college campus. Students were enthusiastically involved in writing and performing in the **street play** which was on the theme 'End Equalities: End AIDS'. The aim of this programme was to create awareness on the stigma associated with certain illnesses in the larger society, and also to engage students at higher cognitive levels to involve them in creating an awareness programme.
- The Department of Psychology organised a **skill-based training programme on 'Psychological Testing'** for third-year honours students of psychology in collaboration with Dhempe College of Art and Science, Miramar on 16th December 2021, at the Psychology Laboratory of Dhempe College. The students learnt to conduct Differential Aptitude Test and Weschler's Adult Intelligence Scale in the which is part of their practicum syllabus. The Department of Psychology in collaboration with the Young Inspirators' Network Committee

and YIN Gomantak organised an **inspirational talk on ‘Mental Hygiene: When Your Mind is Well, Your Heart Says, “All is Well”** on 21st December 2021 where the resource person was Ms. Pranita Kalangutkar, a counselling psychologist. The objective of this event was to create awareness on mental health issues among young people and for students to learn useful strategies on mental health well-being.

- The Department of Psychology organised a **field trip** for second-year and third-year BA students to visit Sangath (NGO working on mental health issues) at Succoro, Goa on 4th April 2022. The students got an opportunity to understand the career opportunities in psychology, learn how an organisation working on mental health functions, and were able to interview and interact with practitioners and researchers working in the field.

Details of International Conferences/Workshops/ Webinars organized

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	08	08	15	
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	-	-	-	-
a. Research papers in Edited Books	0	7	2	
b. Books				
	International	National	Local	Total
III. Research papers in Conference Proceedings	4	16		20
Total				

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	9	--

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	--	25

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 23

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Asha Gahloth	“Inter State Shiksha Gaurav Puraskar” on 05/09/2021	Chikodi by National Rural Development Trust, Belgavi
Dr. Asha Gahloth	“Hindi Sevi Samman” on 23/11/2021	Kendriy Hindi Nideshalay, Government of India and Gomantak Rashtabhasha Vidyapeet, Margao.
Dr. Asha Gahloth	“Kartutvavan Mahila Samman 2021”	Daily Goamantak Sakal Samuh, Goa.
Dr. Asha Gahloth	“Navdurga Samman 2021”	Sidhlekhhikha Navdurga Samuh, Goa.
Dr. Dilecta D’Costa	“Goa State Best Teacher” award for the year 2021-22	Chief Minister of Goa.
Dr. Apurva Narvekar	“International Best Researcher Award” in the field of study, "CHEMISTRY"	at ISSN International Research Awards 2022

Sports Achievements of Students: (Note: Specify only number)

DEPARTMENT OF Physical Education and Sports

- Due to the Covid – 19 pandemic conditions and time to time Covid -19 SOP, we could not much organise physical training / coaching for the students, but tried to incorporate to the students with online sharing schedule training programme to the sports person. Many students connected online for the indoor as well as outdoor (following SOP) training /coaching schedule. Our few students have participated in the State and National sports/Games competitions and did well also.
- The Department of Physical Education and Sports organised the following Intramural (Sports/Games) events by following Covid-19 SOP.

Sr. No	Event	Date of Event
1	Table Tennis Tournament (Men)	24th to 27th Nov21
2	Table Tennis Tournament(Women)	24th to 27th Nov21
3	Football Tournament (Men)	8th to 10th Dec
4	Football Tournament (Women)	15th to 16th Dec
5	Physical Fitness Prog.	6th to 20th Dec
6	College Cricket Tournament (Men N Women)	14 th to 17 th March,2022
7	College Kabaddi Tournament (Men N Women)	24 th to 26 th March,22

- The Ist State Intercollegiate Kabaddi Championship held at Swami Vivekananda College on 8th & 9th April,2022, organised by Vidya Prabodhini college in association with Rosary college, Navelim-Goa , Government College, Khandola, Marcela – Goa in Collaboration With Kabaddi Association Supported by ACDOPEG (Association of College Director of Phy. Edn. of Goa .
- The Govt College, Khandola Men Kabaddi team participated in the said tournament. 16 Men team had participated in the competitions. Our college Kabaddi team won the championship by defeating Government College, Pernem.

Our College Men KABADDI team for WON the Championship Trophy. The following students were the member of College Kabaddi Team.

SR.NO	NAME	CLASS	Roll No
1	SAIDEEP NAIK	TYBA	A-19 123
2	AAKASH SINGH	SYBA	A20-220
3	LAXMAN GAWDA	SYBA	A20-229
4	NIHAL KUNKALIENKAR	SYBCOM	C20-675
5	AKASHAY GAUDE	FYBA	2101286
6	VIKAS SHARMA	SYBCOM	C20-747
7	ABHAY GIRI	SYBSC	S20-303
8	GAURAAG JALMI	SYBCOM	C20-639
9	UTKARSH NAIK	FYBSC	2102399
10	SAISH SHIRGAONKAR	SYBCOM	C20-716
11	ABHISHEK KUMAR	SYBA	A20-168
12	YASEEN A. HAJI	FYBA	2101329

The result of the Intramural Competitions 2021-2022

SR.NO	EVENTS	WINNERS	RUNNERS-UP
1	CHESS	F.Y. B.SC	T. Y. B.SC
2	TABLE TENNIS (MEN)	F. Y. B. COM	S Y B A
3	TABLE TENNIS (WOMEN)	S Y. B. A	TYBA
4	FOOT BALL (MEN)	T.Y. B. A	S. Y. B. COM
5	FOOT BALL (WOMEN)	F. Y.B.A	T. Y. B. A
6	KABADDI (MEN)	S.Y.B.A	S. Y. B. SC
7	KABADDI (WOMEN)	FYBA	FYBCOM
8	CRICKET (WOMEN)	S.Y./T. Y. B. A	F. Y. B.COM
9	CRICKET (MEN)	P.G.	S.Y. B.A

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.15 Rosary College of Commerce & Arts, Navelim, Salcete

Year of Establishment: 1990

College Address: Buticas, Navelim, Salcete - Goa

Principal's Details:

Name: Prof. Helic M. Barretto

Contact No: 9422387629

Email: principal@rosarycollege.org

College website: www.rosarycollege.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B+	791	2005	28/02/2005 to 28/02/2010
2 nd	A	3.21	2011	16/09/2011 to 16/09/2016
3 rd	A	3.29	2017	21/02/2017 to 21/02/2022
4 th	A	3.21	2022	02/11/2022 to 01/11/2027

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor of Arts		162		162
Bachelor of Commerce		280		277
Bachelor of Business Administration (General)		72		72
Bachelor of Business Administration – Travel & Tourism		44		44
Bachelor of Computer Applications		88		88
Master of Commerce		40		27

Research Centre, If any: NO

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

- Ph.D. in Commerce: 07

Any new course(s) started: NA

Faculty strength: 62

Achievements of the College:

- **Ranked 2nd and 14th in India by EW India Higher Education Ranking 2021-22 by Education World**
- Ranked 88th in Bachelor of Commerce, 99th in Bachelor of Arts, 97th in Bachelor of Computer Applications and 158th in Bachelor of Business Administration according to India Today Rankings 2022
- Re-accredited by NAAC with Grade 'A' in the 4th Cycle

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

International Level: 06

National Level: 11

State Level: 14

Details of International Conferences/Workshops/Webinars organized

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	9	8	4	21
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	-	-	-	-
a. Research papers in Edited Books	-	1	-	1
b. Books	-	-	-	-
	International	National	Local	Total
III. Research papers in Conference Proceedings	4	1	0	5
Total	4	1	0	5

Papers presented in Conferences /Seminars/ Workshops:

Abroad	Within India	Within Goa
00	01	03

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
0	0	5

Teachers who obtained research degree during the year: NIL

No .of Teachers pursuing Ph.D.: 22

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Denis Vaz	AISHE Co-ordinator	All India Statistics of Higher Education
Dr. Denis Vaz	GAAC Assessor	Global Accreditation and Assessment Consortium
Dr. Aloysius Godinho	The best paper presentation award	27 th International conference of the International Academy of physical science

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	0	0	0	0	2	1	0	3
Total	0	0	0	0	2	1	0	3

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Ms. Rizella Cia Almeida (Captain)	Football	West zone Inter-University 31 st December 2022	LNIPVE Gwalior	1 st
Ms. Aniela Barretto				
Ms. Flani Costa				

Ms. Rhea Pires				
Ms. Clancy Miranda				
Ms. Roanna Dias				
Ms. Joyvi Fernandes				
Mr. Arnold Oliveira				
Ms. Jossel Mascarenhas				

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.16 Fr. Agnel College of Arts & Commerce, Pilar – Goa

Year of Establishment: 1991

College Address: Fr. Agnel College of Arts & Commerce, Pilar-Goa

Principal's Details:

Name: Prof. Savio P. Falleiro

Contact No: 9422060384

Email: principal@fragnelcollege.edu.in

College website: www.fragnelcollege.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st	B++	80.85	2007	2012
2 nd	A	3.05	2016	2021
3 rd	A+	3.28	2021	2027

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor in Commerce	198	540	148	489
Bachelor in Arts	132	372	146*	375
Bachelor in Computer Applications	45	120	45	100

*14 supernumerary students (old students taking re-admission)

Research Centre, If any: No, however PhD related research facility in Economics & Commerce available through cluster option.

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

1. Commerce – 09
2. Economics - 03

Any new course(s) started:- NO

Faculty strength: 31

Achievements of the College:

- India Today Ranking (Arts – 134, Commerce – 146 and BCA-136)

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

National Level: 04

State Level: 03

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	-	09		09
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	-	-	-	-
a. Research papers in Edited Books	-	04	-	04
b. Books	-	-	-	-
	International	National	Local	Total
III. Research papers in Conference Proceedings	03	02	-	05
Total				

Papers presented in Conferences /Seminars/ Workshops:

Abroad	Within India	Within Goa
03 (online mode)	02	-

Invited Lectures given by the faculty: NIL**Teachers who obtained research degree during the year: NIL****No. of Teachers pursuing Ph.D.: 06****Awards: NIL****Sports Achievements of Students: (Note: Specify only number)**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	01	01	-	02	01	-	-	01
Total	-	-	-	-	-	-	-	-

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Best Resource Person ‘Confluence 2.0’ International Student-Faculty Programme – Ms. Chaitali More

5A.17 Saraswat Education Society’s Sridora Caculo College of Commerce and Management Studies, Mapusa**Year of Establishment:** 1991- B.COM.

2000- BBA

2009- BCA

College Address: S.E.S’s Sridora Caculo College of Commerce & Management Studies, Telang Nagar, Khorlim, Mapusa - Goa.**Principal’s Details:****Name:** Prof. Santosh B. Patkar**Contact No:** 9421157379**Email:** patkar_santosh@rediffmail**College website:** www.caculocollege.in / www.saraswatbba.com

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B	2.47	2014	2019
2 nd	B	2.47	February 2021	February 2026

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
BCOM				
F.Y.BCOM A		60		51
F.Y.BCOM B		60		66
F.Y.BCOM C		60		64
F.Y.BCOM D		60		65
S.Y.BCOM A		60		52
S.Y.BCOM B		60		51
S.Y.BCOM C		60		56
S.Y.BCOM D		60		54
T.Y.BCOM A		60		58
T.Y.BCOM B		60		54
T.Y.BCOM C		60		57
T.Y.BCOM D		60		54
BBA				
F.Y.B.B.A.		57		56
S.Y.B.B.A.		57		52
T.Y.B.B.A.		57		54
BCA				
F.Y.B.C.A.		40+6=46		46
S.Y.B.C.A.		40		38
T.Y.B.C.A.		40		26
		1417		954

Research Centre, If any: NO

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NA

Any new course(s) started: NIL

Faculty strength: 15

*NOTE: (All faculties on contact and lecture basis joined for academic year 2021-22 had positions for less than 11 months starting from September 2021)

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

National Level: 01

State Level: 04

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	3	1	-	4
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	-	-	-	-
a. Research papers in Edited Books	-	-	-	-
b. Books	-	-	-	-
	International	National	Local	Total
III. Research papers in Conference Proceedings	-	-	-	-
Total	3	1	-	-

Papers presented in Conferences/Seminars/Workshops:

Abroad	WithinIndia	WithinGoa
--	3	3

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
NIL	02

No. of Teachers pursuing Ph.D.: 09

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Letter of acknowledgement received from office of the chief minister by Dr. Smita Shrivastava for her valuable contribution and sincere input as the content creator towards creation of the prestigious book namely Aatmanirbhar Bharat Swayampurna Goa 2.0

5A.18 DPM's Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona

Year of Establishment: 1993

College Address: Delem-Canacona, Goa

Principal's Details:

Name: Prof. (Dr.) Manoj S. Kamat

Contact No: 9422415010

Email: mskamat@smail.com

College website: <https://shreemallikarjuncollege.ac.in/>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st Cycle	B	2.81	2014	2020

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
Bachelor of Arts	300	191
Bachelor of Commerce (Hons.)	180	194
Bachelor of Science (Hons.)	240	196

Research Centre, If any: NO

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

1. Ph.D in Commerce: 05
2. Ph.D in Geography:06

Any new course(s) started: NIL

Faculty strength

Regular Teaching Faculty: 24

Regular Non-Teaching Faculty: 37

Achievements of the College:

- Awarded for Emerging Brand of Goa by Gomantak

**Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh): NIL**

Conferences/Workshops Organized (Nos. only)

National Level: 14

State Level: 20

Details of International Conferences/Workshops/ Webinars organized

Sr. No.	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
1	Inauguration of Marathi Yuva Urja Manch and Guest lecture by Shri. Srikrishna Adsul on topic ‘Sahitya Nirmiti Prakriya’	National Level	15/11/2021
2	Intellectually yours 1.1	State Level	26/11/2021
3	30 hours certificate course on ‘Indian culture, values and Ethos’	National Level	01/12/2021
4	Lecture series 'Goa@60'	State Level	14/12/2021
5	Science Day Celebrations Guest lecture by Prof. Vidya Dessai	State Level	28/02/2022
6	Pariksha pe Charcha	National Level	01/04/2022
7	Guest Lecture ‘Ancient History Of Goa’	State Level	16/12/2021
8	Workshop on personality Development	National Level	17/05/2022
9	webinar by National Commission for Women On 30th Foundation Day "She The Change Maker"	National Level	31/01/2022
10	Guest Lecture on International women's Day celebration	State Level	08/03/2022
11	7 Days Webinar on Women Empowerment: Issues, Challenges and Beyond A Quest from the Past to the Present	National Level	24/03/2022 to 30/05/2022
12	30 hours certificate course- 'Prayojanmulak Hindi'	State Level	04-02-2022 to 08-03-2022
13	National seminar - Bhartiya Bhashaon mein sanskrutik aur Sahityik Vimarsh	National Level	11-01-2022 to 13-01-2022
14	Smruti Kavienchya ani Kavityachya ‘Kavi Pushpagraj’ Bhag 1	State Level	29/01/2022
15	Smruti Kavienchya ani Kavityachya ‘Vi. Va. Shirvadkar’ Bhag 2	State Level	27/02/2022

16	Smruti Kavienchya ani Kavityvachya” Kavivary Shankar Ramani (Bhag 3)	State Level	19/04/2022
17	Smruti Kavienchya ani Kavityvachya” Kavivarya Vishnu Surya Wagh (Bhag 4)	State Level	23/05/2022
18	National Symposium ‘Gomantikya Loksahitya Savshodhanachya Disha	National Level	25- 26/03/2022
19	“Intellectual Property Awareness”	National Level	18/12/2021
20	National webinar on “Opportunities and Innovation in Indian Capital Market”.	National Level	07/12/2021
21	seminar on “Career Guidance on Aviation and Hospitality Industries”	National Level	17/12/2021
22	Webinar on “How to make the right choice for A Successful Career”.	State Level	05/01/2022
23	Webinar on “Basics of Stock Market”.	State Level	08/02/2022
24	National webinar “Unequal pay – A gender gap in employment: Challenges and solutions”.	National Level	05/03/2022
25	Guest lecture on “Entrepreneurship”	State Level	08/03/2022
26	Guest lecture on career opportunities in Geography	State Level	18/05/2022
27	Guest lecture on applications of travel and tourism	State Level	31/05/2022
28	Webinar on “Women’s Financial Empowerment”	National Level	17/03/2022
31	Orientation/workshop on CA	State Level	14/05/2022
32	“IT & Computing Skills” a Certificate Course of 30 Hours	State Level	21/01/2022 04/02/2022
33	Career guidance program at Cancona Police station	State Level	09/05/2022
34	Introduction to Tourism & Hospitality industry	National Level	27/4/2022 21/05/2022

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
7	5	

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
0	1

No. of Teachers pursuing Ph.D.: 05

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	0	3	1	4	3	0	0	3
Total	0	3	1	4	3	0	0	3

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Only Goan to represent at KHELO INDIA UNIVERSITY Games as Technical Official in Athletics at Bangalore

5A.19 Government College of Arts and Commerce, Virnoda, Pernem

Year of Establishment: 1993-94

College Address: SSA Govt. College of Arts & Commerce, Virnoda Pernem

Principal's Details:

Name: Prof. (Dr.) Filipe Rodrigues e Melo

Contact No: 9422061226

Email: gcacpg@yahoo.co.in

College website: <https://gcacpernem.in>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Yearof Accreditation	Validity Period
1	B	2.85	2010	2010-2015
2	B	2.74	2015	2015-2020

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.A.	FY	180	FY	167
B.Com.	FY	180	FY	94
M.A. (Marathi)	Part I	38	Part I	06
M.Com.	Part I	50	Part I	33

Research Centre, If any: Commerce, Marathi

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

02 students (Commerce)

Any new course(s) started: Nil

Faculty strength: 26

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

National Level: - 06

State Level: 08

Details of International Conferences/Workshops/Webinars organized: NIL**Publications:**

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	3	4	1	8
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books Edited Books	—	1	1	2
a. Research papers in Edited Books	—	2	1	3
b. Books	—	—	3	3
	International	National	Local	Total
III. Research papers in Conference Proceedings	—	—	—	—
Total	3	7	6	19

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
1	22	7

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
1	3	21

Teachers who obtained research degree during the year: NIL

No. Of Teachers pursuing Ph.D.: 06

Yogita, Viren, Mrinalini, Akshay, Noella, Cherrie,

Awards: NIL**Sports Achievements of Students: (Note: Specify only number)**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	1	--	1	1	2	--	3
State	2	--	1	3	--	--	--	--
National	--	--	--	--	1	--	1	2
Total	2	1	1	4	2	2	1	5

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Arpita Sawant	Volleyball	1st State Inter-Collegiate Volleyball Championship	Goa Volleyball Association	1st (Captain Arpita Sawant received Best Player Award)

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.20 Narayan Zantye College of Commerce, Bicholim

Year of Establishment: 1994

College Address: Vathadev, Sarvan, Bicholim – Goa, Post: Industrial Estate Pin: - 403 529

Email: zantyeedu@rediffmail.com

Principal's Details:

Name: Dr. Rajendra Kumbharjuvenkar

Contact No. : Office: 2361377/2363769, Mobile: 8830864215

Email: raj_shriya@gmail.com

College website: www.zantyecollege.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
I	B	2.76 on a Four Point Scale	2015-16	5 years

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
F.Y.B.Com.	180 + 10%	= 198	198	
S.Y. B.Com.	180		187	
T.Y.B.Com.	180		189	
M.Com. –part I	40		22	
M.Com. –part II	40		13	

Research Centre, If any: Yes, Research Centre in Commerce affiliated to Goa Business School, Goa University clustered with Sant Sohirobanath Ambiye Govt. College of Arts & Commerce, Virnoda, Pernem - Goa

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:-NIL

Any new course(s) started: N o

Faculty strength

- i) 07 Associate Professors (Full Time Regular)
- ii) 10 Assistant Professors (Full Time Regular)
- iii) 01 Librarian (Permanent)
- iv) 01 College Director of Physical Education & Sports (Permanent)

Achievements of the College:- NIL

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh)--NIL**

Conferences/Workshops Organized (Nos. only) - NIL

State Level: 01

Publications:

Publications	Cat - I	Cat - II	Cat - III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research Papers in Journals	01	NIL	05	06
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	NIL	01	NIL	01
(a) Research Papers in Edited Books	NIL	01	NIL	01
(b) Books	NIL	NIL	NIL	
	International	National	Local	
III. Research Papers in Conference Proceedings	01	03	NIL	04
Total				12

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
NIL	05	01

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NIL	NIL	02

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 04

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution) - NIL

5A.21 Government College of Commerce and Economics, Borda, Margao

Year of Establishment: 2010

College Address: Borda, Margao- Goa

Principal's Details:

Name: Prof. (Dr.) Filipe Rodrigues e Melo

Contact No: 9422061226

Email: mariacarla98@gmail.com

College website: www.gccem.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	'A'	3.12	2023	

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.COM.	F.Y.B.COM. 2 Divisions	120	106	106

Research Centre, If any: Cluster Research Centre in Commerce

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: (as of August 2022) – 03 Ph.D

Any new course(s) started: NIL

Faculty strength: 12

Achievements of the College:

- Creation of a Vertical Garden
- Installation of QR Coded Smart Navigation System on Campus
- Installation of atmospheric water generators- reflecting our concern for water conservation & a sustainable environment
- Publication of Volume VI of QUEST, the College Multidisciplinary Peer Reviewed Journal of Research
- E-Content Creation by faculty

Sponsored Research Projects only Sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

National Level: 06

State Level: 04

Details of International Conferences/Workshops/Webinars organized: NIL

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
01	-	-

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I.Research papers in Journals	--	--	01	01
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II.Books/ Edited Books	--	02	01	03

a. Research papers in Edited Books	--	--	12	12
b. Books	--	--	02	02
	International	National	Local	Total
III. Research papers in Conference Proceedings	--	1	--	1
Total	--	03	16	19

No. of Teachers pursuing Ph.D.: 03

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	1	--	--	1
Total	--	--	--	--	1	--	--	1

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.22 Mandre College of Commerce, Economics and Management, Pernem

Year of Establishment: 2012

College Address: Mandre College of Commerce, Economics & Management, Madhlamaj,
Mandre – Goa.

Principal's Details:

Name: Prof. (Dr.) Tushar S. Anvekar

Contact No.: 9226417414

Email: mandrecollege@yahoo.co.in

College website: www.mandrecollege.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not yet registered for NAAC: NA

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry Level	(Total)	Entry Level	(Total)
B.com	60 nos		50 nos	

Research Centre, If any: No

No. of Candidates, Subject wise, Registered for Ph.D under the Research Center: NA

Any new course(s) started: No

Faculty strength - 06

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level: 01

Details of International Conferences/Workshops/Webinars organized

Publications: NIL

Papers presented in Conferences/ Seminars/Workshops:

Abroad	Within India	Within Goa
Nil	Nil	03

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers persuing Ph.D.: NIL

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Level of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	--	02	--	02
Total	--	--	--	--	--	02	--	02

(Event organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18 at National and International Level only): NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.23 Sateri Pisani Education Society's Shri. Gopal Gaonkar Memorial Goa Multi-Faculty College Dharbandora

Year of Establishment: 2013

College Address: NH-4A, Ponda-Belgaum Road, Dayanand Nagar Tal, Dharbandora

Principal's Details:

Name: Prof. (Dr.) Shaikh Mohammad Parvez Al-Usmani (Professor and Principal)

Contact No: 9422643821/7507652695

Email: parvez_goa@yahoo.com

College Website: www.gmfc.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not accredited

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor of Commerce	66		25	
Bachelor of Business Administration	66		64	
Bachelor of Computer applications	44		44	

Research Centre, If any: No

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 01

Any new course(s) started: No

Faculty strength:

Sr. No	Full-time/Regular Appointments	Numbers
1.	Teaching Staff (Professor and Principal, Associate Prof., Asst. Prof, Librarian)	17
2.	Non-Teaching Staff	18

Achievements of the College:

1. Received a Certificate of Best Performing NDLI Culb from oct-2018 to Feb- 2021 on 2/11/2021
2. Received DELNET Institutional Membership certificate and MoU registration on 22/10/21
3. Registered on IRINS (Indian Research Information Network System) on 13/05/2022
4. Registered as first college in goa at NDLI (National Digital Library of India) portal on 15/08/2020
5. Registered as Local Chapter of NPTEL (National Programme on Technology Enhanced Learning) on 16/09/2020) Registered as Local Chapter of NPTEL (National Programme on Technology Enhanced Learning) on 16/09/2020- Yes

Sponsored Research Projects only sanctioned/ Completed during June 2021and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

International Level: 01
National Level: 02
State Level: 01

Details of International Conferences/Workshops/Webinars organized-

One-day International e-Seminar on “Changing Scenario of Academic Librarian and National education Policy of India – 2020” (CSALNEPI – 2021)

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	00	01	00	01
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books				

a. Research papers in Edited Books	00	01	00	01
b. Books	00	01	01	02
	International	National	Local	Total
III. Research papers in Conference Proceedings	00	01	00	01
Total	00	04	01	05

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
00	04	03

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
00	03	06

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
00	03

No. of Teachers pursuing Ph.D.: 04

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	-	2	2	4	2	-	-	2
Total	-	2	2	4	2	-	-	2

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National 23) and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

5A.24 Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda

Year of Establishment: 2013

College Address: Swami Vivekanand Vidyaprasarak Mandal's College of Commerce, Shirshire, Bori, Ponda- Goa

Principal's Details:

Name: Dr. (CA) Subrahmanya Bhat

Contact Number: 8806531262

Email: skmbhat@yahoo.co.in

College Website: www.svvmcollege.com

The NAAC accreditation Status (Whether accredited, score and Grade, accreditation round):

NA

Courses offered, Sanctioned and Filled strength:

Course Offered	Sanctioned Strength Entry Level (Total)	Filled Strength Entry Level (Total)
B. Com	60	56

Research Center, If any: Yes

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 06

Any new course(s) started: No

Faculty Strength: 08

Achievements of the College:

- F.Y.B.Com Student Ms. Nividha Gaude bagged a Gold Medal and a Bronze Medal in Long Jump and 100 mts run Respectively in State Level Athletic Championship

Sponsored Research Projects only Sanctioned / Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/ Workshops Organized (Nos. only): NIL

Details of International Conferences/ Workshops / Webinars organized

Publications:

Publications	Cat- I	Cat- II	Cat- III	Total
	Scopus, Web of Science, ICI indexed journals			
I.Research papers in Journals	03	03	01	07
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II.Books/ Edited Books	--	02	--	02
a. Research papers edited Books	--	01	--	01
b. Books	--	--	--	--
	International	National	Local	Total
III.Research papers in conference Proceedings	03	01	--	04
Total	06	07	01	14

Papers presented in Conferences/ Seminars/ Workshops:

Abroad	Within India	Within Goa
--	05	--

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	--	02

Teachers who obtained research degree during the year: NIL

No. of teachers pursuing Ph.D.: 05

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	01	--	--	01	--	--	--	--
Total	01	--	--	01	--	--	--	--

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, in any, (included in the table 18) at National and International Level only.

Name of the Student/ captain of the team	Name of the event in which participated (sports/games)	Name of the tournament / sports event with date	Name of the organizer	Place won 1 st / 2 nd / 3 rd
Mr. Vedanta Kulkarni	Table Tennis	National Ranking	Uttarakhand TT Association	

Any other Special Achievements of Faculty (Maximum of 4 major achievements from one College /institution)

- Mr. Yashodhan Kharade, College Director of Physical Education and Sports was selected as Technical official for the All India Inter University Sepaktakraw Championship which was held at Rohilkhand University Bareilly U P from 22nd March to 26th March 2022.

5A.25 St. Joseph Vaz College, Cortalim

Year of Establishment: 2017

College Address: Church Street, Cortalim, South Goa 403710

Principal's Details:

Name: Dr. Maria A. A. R. Fonseca

Contact No: 9422055377 / 2550814

Email: principal@stjosephvazcollege.in

College website: www.stjosephvazcollege.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NA

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level (Total)
F.Y.B.Sc.	60	13
S.Y.B.Sc.	60	11
T.Y.B.Sc.	60	10

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: NIL

Faculty strength: Regular: 08, Contract: 05

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only) State Level: 07

Details of International Conferences/Workshops/ Webinars organized: NIL

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: NIL

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5A.26 Swami Brahamand Mahavidyalaya, Tapobhoomi Kundaim Goa

Year of Establishment: 2017

College Address: Swami Brahamand Mahavidyalaya, Tapobhoomi Kundaim Goa

Principal's Details:

Name: Dnyaneshwar Patil

Contact No: 9130066362

Email: sbrahmavid.goa@gmail.com

College website: -

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not applied till now

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
BA in Sanskrit	FY- 30			25
	SY -30			19
	TY - 30			23

Research Centre, If any: No

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: No

Faculty strength: 8

Achievements of the College:

- Conducted Basic Sanskrit course exams in Goa and till now more than 1000 students answered.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level: 01 - Sanskrit Sammelan (Goa Sanskrit Darshanam)

Details of International Conferences/Workshops/ Webinars organized: NIL

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Nil	Dr. Shivgopal Mishra- Importance of Sanskrit & Currier in Sanskrit	Dr. Narayan Vetrekar - Biometrics Dr. Bhushan Bhave- NEP 2020

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
Dnyaneshwar Patil	--

No. of Teachers pursuing Ph.D.: NIL

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dnyaneshwar Patil	Sanskrit	Gujarat University-Ahmedabad

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Dnyaneshwar Patil Partipated as Sanskrit Expert in 5 days Fundamantal glossary of Electronics organised by Government of India

5B. PROFESSIONAL COLLEGES / INSTITUTIONS

5B.27 Goa College of Pharmacy, Panaji

Year of Establishment: 1961

College Address: Goa College of Pharmacy, 18th June Road, Panaji-Goa

Principal's Details:

Name: Dr. Gopal Krishna Rao

Contact No: 9158055530

Email: gcpprincipal@yahoo.com

College website: www.gcp.goa.gov.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
NBA Inspection was done on 13, 14, 15 Jan 2023. Results are awaited.				

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B. Pharm	93		82	
M. Pharm (Pharmaceutical Quality Assurance)	17		17	
M. Pharm (Pharmacology)	15		10	
M. Pharm (Pharmacognosy)	15		08	
M. Pharm (Pharmaceutical Chemistry)	15		15	

Research Centre, If any:

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 02

Any new course(s) started: NIL

Faculty strength: 30

Sr.	Name	Designation	Qualification
1	Dr. Gopal Krishna Rao	Principal	M.Pharm., Ph.D.
2	Dr. Arun B. Joshi	Professor	M.Pharm., Ph.D.
3	Dr. Madhusudan P. Joshi	Professor (CAS)	M.Pharm., Ph.D.
4	Dr. Sanjay Pai P.N.	Professor	M.Pharm., Ph.D.
5	Dr. Prashant J. Bhide	Professor (CAS)	M.Pharm., Ph.D.
6	Dr. Yogita N. Sardesai	Professor (CAS)	M.Sc., Ph.D.
7	Dr. Rupesh K. Shirodkar	Professor (CAS)	M.Pharm., Ph.D.
8	Dr. Anand A. Mahajan	Professor (CAS)	M.Pharm., Ph.D.
9	Dr. Shailendra S. Gurav	Professor (CAS)	M.Pharm., Ph.D.
10	Dr. Raghuvir R. Pissurlenkar	Professor (CAS)	M.Pharm., Ph.D.
11	Dr. Rajashree S. Gude	Associate Professor	M.Pharm., Ph.D.
12	Ms. Lorna P. Silveira	Associate Professor	M.Sc.
13	Smt. Teja V. Walke	Associate Professor	M.Pharm.
14	Smt. Sachi Kudchadkar	Assistant Professor	M.Pharm.
15	Shri Vithal Bhandare	Assistant Professor	M.Pharm.
16	Shri Vaibhav Potdar	Assistant Professor	M.Pharm.
17	Smt. Shailaja Mallya	Assistant Professor	M.Pharm.
18	Smt. Vedita Hegde Desai	Assistant Professor	M.Pharm.
19	Dr. Mythili Krishna J.	Assistant Professor	M.Pharm., Ph.D.
20	Smt. Shweta S. Borkar	Assistant Professor	M.Pharm.
21	Smt. Seema S. Shet	Assistant Professor	M.Pharm.
22	Smt. Saba G. Jamadar	Assistant Professor	M.Pharm.
23	Dr. Adison Fernandes	Assistant Professor	M.Pharm., Ph.D.

24	Smt. Asmita M. Korgaonkar	Assistant Professor	M.Pharm.
25	Shri Rahul S. Chodankar	Assistant Professor	M.Pharm.
26	Shri Rohan R. Prabhu	Assistant Professor	M.Pharm.
27	Smt. Liesl M. Fernandes e Mendonca	Assistant Professor	M.Pharm.
28	Smt. Nutan L. Naik	Assistant Professor	M.Pharm.
29	Shri Raveendra L. Hullolikar	Assistant Professor	M.Pharm.
30	Dr. Anant V. Bhandarkar	Assistant Professor	M.Pharm., Ph.D.

Achievements of the College:

- The College has started M.Pharm. in Pharmaceutical Chemistry in Academic year 2021-2022 with an intake capacity of 17 students.
- The College has been ranked 56th by the National Institutional Ranking Framework (NIRF)-2021 by MHRD, New Delhi.
- Goa College of Pharmacy, in collaboration with G-CEIP organized the 6th Annual International Conference on 'Intellectual Property Rights' on 1st & 2nd December, 2021, where resource persons from India and abroad deliberated. A total of around 220 delegates attended the Conference.
- Goa College of Pharmacy, in collaboration with G-CEIP organized a five days Comprehensive and Interactive Professional Advancement Program on Intellectual Property Rights (IPR): A Macroscopic Understanding of Patent(ing) and Beyond from 25-29 July 2022.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

International Level: 01

National Level: 01

State Level: 01

Details of International Conferences/ Workshops/ Webinars organized

Sr. No.	Event	Title	Speaker/Organization	Year
1	Webinar	Jugaad Innovation	ICFAI Buisness School	30 th Oct 2021
2	Webinar	Trouble Shooting Quality Concerns in Pharmaceutical Products	Mr. Amit Kumar Devgan, Group Leader, Formulation Development, Sanofi-Goa	27 th Nov 2021

3	Workshop	Importance of Leadership	Mr. Alan D'Sa, Leadership Trainer	14 th Jan 2021
4	Seminar	Pharmacy A spectrum of Opportunities	Mr. Sunil Attawar, Chairman & Managing Director of Group Pharmaceuticals, Bangalore	30 th Nov 2021
5	Seminar	Strategy for GPAT and NIPER Preparation	Pharmaelite	11 th Dec 2021
6	Seminar	Webinar on “IPR Awareness Program with University on Patenting for Academic Institutions”	The Associated Chamber & Industry of India (ASSOCHAM)	21 st Dec 2021
7	Webinar	Lecture Series on Regulatory Requirements for Drug Product Approval	Dr. Aravind Badiger, Technical Director, Formulations, BDR Pharma, Gujarat	3 rd July 2021
8	Seminar	Affordability of Essential Drugs	The Goa State Price Monitoring & Resource Unit, DFDA, Goa	25 th Oct 2021
9	Webinar	Design of Experiments for Pharmaceutical Product Development	Mr. Ramesh Kumar, Formulation Development, Sanofi-Goa	25 th Sept 2021
10	Webinar	Role and Unique Applications of IVIVC in Generic Drug Program: Case Studies	Dr. Umesh Banakar, Professor & President, Banakar Consulting Services, USA & Founder of Goa Centre for Excellence in Intellectual Property	7 th July 2021
11	Webinar	Importance of Profession Ready Training in Clinical Research and Pharmacovigilance	Clini India	28 th April 2022
12	Webinar	Career Counselling	CII Model Career Centre	28 th Jan 2022
13	World Pharmacist Day	National Drug Pharmaceutical Pricing Dr. Vinod Kotwal Member Secretary, NPPA	Indian Pharmaceutical Association, Goa State Branch	25 th September 2021
14	60 th National Pharmacy Week Celebrations	Pharmacist: Integral part of Healthcare” Shri. Salim Veljee	Indian Pharmaceutical Association, Goa State Branch	21 st November, 2021

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	22	----	01	23
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books / Edited Books	Chapter - 01	----	-----	Chapter -01

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
Nil	04	02

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Nil	14	02

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
	Dr. Adison Fernandes

No. of Teachers pursuing Ph.D.: 08**Awards: NIL****Sports Achievements of Students: (Note: Specify only number): NIL****Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL****Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution): NIL**

5B.28 Nirmala Institute of Education, Altinho, Panaji – Goa.**Year of Establishment:** 1963**College Address:** Nirmala Institute of Education**Principal's Details:****Name:** Dr. Delia Antao (Officiating Principal)**Contact No:** 9011545383**Email:** niegoa@gmail.com**College website:** www.nirmalainstitute.org**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
01	B	2.84	2014	2019

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level (Total)
Not Applicable		

Research Centre, If any: NIL**No. of Candidates, subject wise, Registered for Ph. D under the Research Center:**

1. Mrs. Ximena Fonseca- Goa University
2. Ms. Sangeeta Kadam - Goa University
3. Mrs. Sharmila Kerkar- Goa University
4. Ms. Millie Pereira - Savitribai Phule Pune University
5. Mr. Clifton Fernandes – Swami Ramanand Teerth Marathwada University, Nanded MH
6. Mrs. Pratiksha Shirodkar -Birla Institute of Technology and Science,Pilani K K Birla Goa Campus (BITS Pilani Goa)
7. Mrs. Anagha Deshpande - Dr.Babasaheb Ambedkar Marathwada University,University of Aurangabad,Maharashtra
8. Mr. Subodh Haldonkar - Goa University
9. Ms. Daniella Colaco - Goa University

Any new course(s) started: No**Faculty strength:** 13

Achievements of the College:

- 3-day National Workshop on Puppetry- Mr. Arun Kumar Mallik, Assistant Professor at the National School of Drama, New Delhi (resource person)
- National Workshop on Acting- Dr.Chandradasan- Facilitator of the workshop
- Launch of Fitastic club
- Students' Council of Nirmala Institute of Education under the aegis of IQAC organized a Konkani Monologue Competition for the Higher Secondary School Students of Goa. The theme was '**Swaatantryaachi Panchyattari ani Deshaa khatir Tarnnatyanchi Jabaabdari**'
- State Level Inter-Collegiate Photography Competition on the Theme 'My Goa @ 60'
 - Eco Club Initiative
- Rashtriya Yuva Jagruti **2022**
- All Goa Inter Collegiate Essay Competition
- MEAR (Making Equality a Reality) event
- In collaboration with ADIRA - Centre for Disability Management, inclusion and Empowerment, Mumbai - 'Academic Research writing workshop' – Dr. Vidhya Naik
- MGNCRE award district Green Champion for North Goa (part of One District One Green Champion award)
- Konkani Bhasha Mandal award

Sponsored Research Projects only sanctioned/Completed during June 2021and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	04			04
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books			05	05
	International	National	Local	Total
III. Research papers in Conference Proceedings			01	01
Total				10

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
-	-	14

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: NIL

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution): NIL

5B.29 Goa College of Engineering, Farmagudi Ponda

Year of Establishment: 1967

College Address: Goa College of Engineering, “BhauasahebBandodkar Technical Education Complex” Farmagudi ,Ponda-Goa 403401

Principal’s Details:

Name: Dr. Krupashankara M.S.

Contact No: 91-832-2336301/309

Email: ppl@gec.ac.in

College website: www.gec.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not accredited

Courses offered, sanctioned and filled strength: Six B.E. courses are accredited by NBA

Sr. No.	Name of the programs	Period of Validity
1	Civil Engineering	Academic Years 2022-2023 to 2024-2025 i.e. up to 30/6/2025
2	Mechanical Engineering	
3	Electrical & Electronics Engineering	
4	Electronics & Telecommunication Engineering	
5	Computer Engineering	
6	Information Technology	

Courses offered, sanctioned and filled strength:

Sr. No.	Course offered	Sanctioned strength entry level (Total)	Filled strength entry level (Total)
	<u>Bachelors of Engineering</u>		
1	Civil Engineering	60	78
2	Mechanical Engineering	60	75
3	Electrical & Electronics Engineering	60	77
4	Electronics & Telecommunication Engineering	60	74
5	Computer Engineering	60	75
6	Information Technology	60	77
Remarks		Additional 10% EWS 5% AICTE, GOI & PMSSS candidate for B.E. first year & 10% Direct B.E. year admission.	
	<u>Master of Engineering</u>	Sanctioned	filled
1	Foundation Engineering	18	09
2	Industrial Engineering (Part Time)	18	07
3	Electronics Communication & Instrumentation Engineering	15	05
4	Micro Electronics Engineering	15	07
5	Power & Energy Engineering	18	06
6	Computer Science Engineering	18	09
7	Information Technology Engineering	18	10
8	Structural Engineering	18	19
9	Industrial Automation & Radio Frequency Engineering	18	-

	<u>Ph.D. Program</u>		Filled
1	Civil Engineering	Centralized admission process is carried out at Goa University	02
2	Electrical & Electronics Engineering		-
3	Electronics & Telecommunication Engineering		-
4	Mechanical Engineering		08

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

1. Civil Engineering-19
2. Mechanical Engineering- 09
3. Electrical & Electronics Engineering-05
4. Electronics & Telecommunication Engineering-08

Any new course(s) started: No

Faculty strength: Regular - 93

Achievements of the College:

Civil Department:-

1. NBA accredited
2. Research Centre with highest no. of Candidates registered
3. Good consultancy and testing
4. Good Education Programmes

Electrical & Electronics Department:-

GEC Electrical & Electronics Engineering Department Final year Students (2021-2022 batch) developed Sectionalizer operated from mobile phone for feeder control for Electricity Department of Goa.

Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh)

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
	Civil					
1	Dr. K.G Guptha,	Preparation of state specific Action Plan WRD,NWM Project Govt. of India	21 st Oct,2021 one year	WRD	10 lakhs	Report submitted
2	Prof. Wilma Fernandes					

Conferences/Workshops Organized (Nos. only)

National Level: 02 (National level ATAL FDP)

State Level: 05

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	Civil-09 Mech-06 ETC-02 IT- 02 E&E- 03	Comp-05	ETC-03 Mech-01	31
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books				
a. Research papers in Edited Books	Civil-05	Civil-02		07
b. Books	Civil-2			02

	International	National	Local	Total
III. Research papers in Conference Proceedings	Civil-26 Mech-06 ETC-06 IT-01	Civil-03 Mech-01 Comp-05		48
Total	68	16	4	88

Papers presented in Conferences /Seminars /Workshops:

Abroad	Within India	Within Goa
	1. Civil-10 2. Mech-03 3. Comp-05 4. ETC-03 5. IT- 01	

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
1. ETC-01	1. Civil-10 2. Mech-04 3. E&E- 03 4. ETC-03 5. Comp- 6. IT- 01	1. Civil-02 2. Mech-03 3. IT-05

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
	Mechanical 1.Dr. Harichandra Chandekar (Ph.D Defense date: 1st March 2022) 2.Milind Sakhardande (June 2021)

No. of Teachers pursuing Ph.D.:

Civil	02
Mechanical	01
ETC	03

Computer	04
Electrical & Electronics	06

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Civil <u>Dr. K.G. Guptha</u>	1.Emminent Engineer 2.Champion of Civil Engineering	1.National Institute of Technology, Goa 2. J K Cements Limited

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	--	--	01	01	--	--	--	--
Total	--	--	01	01	--	--	--	--

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution)

Mechanical

1. Dr. Jagannath Hirkude offered 04 expert lectures at different national level AICTE ATAL Faculty development programs in 2021.
2. Department conducted two national level ATAL FDPs; 1) “Operations Management”, during 16-08-2021 to 20-08-2021 and 2) “Alternate Fuels” during 06/12/2021 to 10/12/2021.

IT

1. Dr. Nilesh B. Fal Dessai selected as AICTE-LITE program coordinator.

5B.30 Goa College of Art, Altinho, Panaji

Year of Establishment: 1972

College Address: Goa College of Art, Altinho, Panaji

Principal's Details

Name: Smt. Sabita Prabhudesai

Contact No: 2226104

Email: ppl-gcart.goa@gov.in

College Website: www.goacollegeofart.com

The NAAC accreditation status (whether accredited, score and grade, accreditation round): NA

Courses offered, sanctioned and filled strength:

- B.F.A. (Painting) 23 students
- B.F.A. (Applied Art)..... 34 students
- E.W.S.06 students
- T.F.W.03 students
- Total66 Students

- M.F.A. (Painting) 10 students
- M.F.A. (Applied Art).....10 students
- E.W.S.02 students
- Total22 Students

Research Centre, if any: NIL

No. of candidate, subject wise, Registered for Ph.D under the Research Center: NIL

Any new course(s) started: NIL

Faculty strength (No. only): Regular – 14, Visiting - 15

Achievements of the college (only institutional achievements should be mentioned): NIL

Sponsored Research Projects sanctioned and Completed during June 2021 and May 2022 (Include only research projects of minimum Rs. one lakh): NIL

Sponsored Consultancy Work sanctioned during the reporting period (include only consultancy projects with minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of international conferences/workshops organized: NIL

Publications: NIL

Papers presented in conferences/seminars/workshops: NIL

No. of teachers who obtained research degree during the year: NIL

Awards/ Honours: NIL

Sports Achievements: (Note: Specify only number of winners): NIL

Details of the Sports Achievements at National and International Level only: NIL

Special Sports Achievements (Participation in National Games, Asian Games, and such similar events organized by recognized association and federations): NIL

Any other special Achievements of faculty and students: NIL

5B.31 V. M. Salgaocar College of Law, Miramar Panaji- Goa

Year of Establishment: 1973

College Address: V. M. Salgaocar College of Law, Miramar Panaji- Goa

Principal's Details:

Name: Dr. Shaber Ali

Contact No: 0832-2462225

Email: vmscl@rediffmail.com

College website: www.vmslaw.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
3rd	B+	2.56	2 nd Nov. 2018	1 st Nov. 2023

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
B.A. LLB	120	120 112
LLB DEGREE	120	120 110
LLM	50	50 45

Research Centre, If any: V. M. Salgaocar Research centre

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: Law-23

Any new course(s) started: No

Faculty strength: 22

- Miss Bhakti C. Naik – Assistant Professor - FIP

Achievements of the College:

- The team comprising of Jonathan Correia, Riddhi Moghe and Ishan Kenkre participated at the R.L. Law College, Belagavi, National Moot Court Competition from 11th to 13th March 2022 and qualified to be **Semi Finalists** at the said competition.
- The team comprising of Siddhant Shetye, Vasudev Salkar and Savni Prabhudessai (Researcher) participated at the GIL's Justice Dipak Misra National Moot Court Competition 2022, Panipat from 12th to 13th March 2022 and were adjudged **Winners** of the said competition
- The team comprising of Simran Khadilkar, Rizzeria Pacheco and Chelsea Travasso participated at the IVth Surana and Surana Ramaihah College of Law National Tort Moot Court Competition from 22nd to 24th April 2022 and won the **“Spirit of Surana” Award** at the said competition. Further, Simran Khadilkar was adjudged **“Second Best Student Advocate”** at the competition.
- The team comprising of Sachin S Panicker and Sae Bhate participated at the GNLC 2nd All India Moot Court Competition organized by Government New Law College Indore, Madhya Pradesh from 14th to 15th May 2022, where Sachin S Panicker won the **“Best Researcher Award”**.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	-	5	8	13
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books		1		1

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
1	29	61

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
3	33	79

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
	01

No. of Teachers pursuing Ph.D.: 11**Awards:**

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Aamod Shirali	Ph.D.	Goa University

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	-	-	-	-	-	2	-	2

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Ciya Faldesai	Cricket (National)	BCCI Senior Womens Tournament 3 rd to 23 rd March 2022, Jaipur		Participation
Rudrali Gaude	Senior Amateur Archery (National)	NPTC Senior Ameteur Archery Championship 21 st to 31 st March 2022, Jammu		Participation
Amit Birje	Tantiya Mama Inter State T20 Cricket series	Blind Cricket tournament 16 th to 17 th April 2022. Madhyapradesh		Participation
Kashinath Posnaik Abhyuday Sabharwal Samuel Fernandes	World Football cup for Lawyers	World football cup 7 th to 15 th May 2022, Marocco		

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.32 National Institute of Hydrography, Vasco-da-Gama

Year of Establishment: 29 Nov 1978

College Address: National Institute of Hydrography c/o Headquarters, Goa Naval Area, Vasco-da-Gama, Goa – 403802

Principal's Details:

Name: Commodore Sajeev K. Nair

Contact No: 08322582800/ 8668619602

Email: info-nih.goa@nic.in

College website: www.indiannavy.nic.in/nih

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NA (Government Organisation)

Courses offered, sanctioned and filled strength:

Course offered	Sanctioned Strength	Strength (2020-21)
Post Graduate Certificate in Hydrography	30	13
Post Graduate Diploma in Hydrography		02
Master of Science in Hydrography		10

Faculty strength: 08 (Officer Instructors)

Achievements of the College: Only institutional achievements should be mentioned: NIL

Sports Achievements of Students: (Note: Specify only number)

Note: - Being a Defence Institute the staff and trainees participate in sports activities such as cross country, swimming and other sports at various levels conducted by the Indian Navy.

5B.33 V. V. M's Govind Ramnath Kare College of Law, Margao

Year of Establishment: 1979

College Address: Vidya Vikas Mandal's G. R. Kare College of Law Shree Damodar Educational campus, P.O. Box No. 777, G.R. Kare Road, Tansor, Comba Margao, Goa -403601.

Principal's Details:

Name: Dr. Saba V. M. Da Silva

Contact No: 8275540890

Email: principal.grkcl@vvm.edu.in

College website: www.grkarelaw.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
2nd Cycle	B ⁺⁺	2.78	23 rd February, 2021	22 nd February, 2026

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.A.LL.B		300		296
LL.B. (Degree)		180		151
LL.M (CBCS)		80		33
Ph.D		4		4

Research Centre, If any: Yes

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

Any new course(s) started: Indo- European certificate course in Corporate Law

Faculty strength – Permanent – 10, Contract – 6 & Lecture Basis - 5

Achievements of the College:

- MOU with International organization and conduct of activities in collaboration with them.
- Organization of 1st crisis control and international competition CCIC) by the institution
- Faculty contribution through research publication in UGC recognized and UGC care list journal
- Students’ representation at Moot Court, legal Aid activities with assistance duly rendered by alumini association

Sponsored Research Projects only sanctioned/Completed during June 2021and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

International Level: 5

National Level: 18

State Level: 25

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	NIL	1	3	4
	International	National	Local	Total
II. Research papers in Conference Proceedings	3	1	NIL	1
Total	4	2	3	5

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 7

1. Mr. Shreeharsha.N. Inavalli
2. Ms. Rozena Corriea
3. Ms. Sonia Shirodkar
4. Ms. Ruby Luis
5. Ms. Merville Rodrigues
6. Mr. Sapresh Devidas
7. Mr. Harshad Bandodkar

Awards: NIL**Sports Achievements of Students: (Note: Specify only number)**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	3	1	1	5	--	--	--	--
Total	3	1	1	5	--	--	--	--

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Sakshi S. Raikar	Bench Press & Dead lift	North India Bench Press & Dead lift 14/4/22	Raw Power lifting of India	1 st Place in Bench press & 1 st place in Dead lift

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution)

- Round Table discussion on implementation of the maintenance of parents & senior citizens.
- 66 awareness programmes in the form of webinars, awareness talks in the rural areas and street plays in public places on socio-legal topics.
- MOU with Porto University, Portugal for knowledge sharing and student exchange.
- Eight faculty discussion series on current legal topics.

5B.34 Goa Dental College and Hospital, Bambolim

Year of Establishment: 1980

College Address: Goa Dental College & Hospital, Bambolim, Goa 403 202.

Principal's Details:

Name: Dr. Ida de Noronha de Ataide

Contact No: 9423060880

Email: dean-gdch.goa@nic.in

College website: <http://gdch.goa.gov.in>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NIL

Courses offered, sanctioned and filled strength: B.D.S.: 50 M.D.S.: 18

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
B.D.S	50	47
M.D.S	18	18

Research Centre, If any:

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

Any new course(s) started: NIL

Faculty strength: 70

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level: 07

Details of International Conferences/Workshops/ Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI Indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	33	02	02	37
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books				
a. Research papers in Edited Books	01	-	-	01
	International	National	Local	Total
III. Research papers in Conference Proceedings	Nil	11	Nil	11
Total	34	13	02	49

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
NIL	28	NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NIL	15	11

Teachers who obtained research degree during the year: NIL**No. of Teachers pursuing Ph.D.: NIL****Awards:**

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr.Mangesh Kakodkar	National Level – 3 rd place for paper in Clinical Innovation for Magnetic fixed functional appliances	Indian Orthodontic Society, September, 2021

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Dr. Marina Fernandes was elected as EC Member of Indian Endodontic Society on 4th January, 2021.

5B.35 Goa College of Music, Altinho, Panaji

Year of Establishment: 1987

College Address: Dr. T.B. Cunha Educatiaonal Complex, Altinho, Panaji Goa.

Principal's Details:

Name: Prof. Dr. Shashank S. Maktedar

Contact No: 0832-2432528 / 2232507

Email: goacollegeofmusic@gmail.com / prin.music@unigoa.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NA

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Foundation Course in Hindustani Classical Music		50		49
Bachelor of Performing Arts		55		41
Master of performing Arts		20		09

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center:

Vocal – 1, Tabla – 1, Flute – 1, Harmonium - 1

Any new course(s) started: 1. Flute

Faculty strength: 11

Achievements of the College: NIL

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh): NIL**

Conferences/Workshops Organized (Nos. only)

State Level: 04 workshops

Workshop: 04

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 2

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	--	--	1	1
National	--	--	1	1	--	--	--	--
Total	--	--	1	1	--	--	1	1

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.36 Goa College of Home Science, Campal, Panaji.

Year of Establishment: 1988

College Address: Goa College of Home Science Opp. Parade Ground, Campal, Panaji- Goa

Principal's Details:

Name : Dr. Mahesh Pai, Principal
Contact No : 2227603, 2425254
Email : principalgchs@rediffmail.com

College website: www.goahomescience.gov.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)--
NA

Courses offered:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.Sc. (Hons.) Home Science •Food, Nutrition & Dietetics •Textiles & Clothing •Human Development	60	180	52	147

Research Centre, If any – NIL

No. of Candidates, subject wise, Registered for Ph.D under the Research Center – NIL

Any new course(s) started: --NIL

Faculty strength: 13

Achievements of the College:

Good Academic Performance

Out of 45 students that appeared for the T.Y.B.Sc. University examinations, 16 received distinction, while 12 obtained first class.

State Level Webinars/Workshops Organized:

1. A webinar on *Hygiene and Sanitation in our Daily Lives* was organized on 14th August 2021, 3:00 p.m. onwards in collaboration with the Department of Information and Publicity.
2. Inner Wheel Club of Salcette, Goa collaborated with Goa College of Home Science to organize a Webinar series from 1st to 4th September 2021. 4 sessions were held on various

topics: *How food affects your mood: What you must eat to experience happiness, Latest trending diets, Dietary guidelines: How to inculcate in daily routine, and Lifestyle and women's health.*

National Level Webinars Organized:

1. The Press Information Bureau, Ranchi in association with the Regional Outreach Bureau, Ranchi, and Field Outreach Bureau, Dumka, Ministry of Information & Broadcasting, Government of India approached the Goa College of Home Science to team up in organizing a webinar titled *Healthy Food for Healthy Happy Life*, on the occasion of National Nutrition Month (Poshan Maah). The webinar was held on Wednesday 22nd September, 2021 from 2:30 pm to 03:30 pm.
2. The Press Information Bureau, Ranchi in association with the Regional Outreach Bureau, Ranchi, and Field Outreach Bureau, Dumka, Ministry of Information & Broadcasting, Government of India approached the Goa College of Home Science to team up in organizing a webinar titled, “*Swacchata, Digital India, and Safe Disposal of E-Waste*”. The webinar was held on Friday 29th October, 2021 from 2:30 pm to 03:30 pm.

International Webinar Organized:

1. To commemorate National Nutrition Month, an International Webinar titled *Tackling Micronutrient Malnutrition: Food Based Strategies*, was organized by the Goa College of Home Science on 29th September 2021, with support from National Commission for Women (NCW). The webinar on *Tackling Micronutrient Malnutrition: Food Based Strategies* was an attempt to address the nutritional needs and requirements of women, and to create awareness that micronutrient malnutrition is preventable through the implementation of food-based strategies.

Social Audit Of Mid Day Meal Scheme

The Directorate of Education (DoE), Government of Goa requested the Goa College of Home Science (GCHS) to engage in Social Audit of MDM Scheme for the Academic Year 2020-21 and 2021-22. Accordingly, GCHS signed a MoU with DoE, Government of Goa, agreeing to engage in Social Audit of MDM scheme (renamed as PM POSHAN SCHEME) conducted during the Academic Year 2020-21 and 2021-22. Teaching faculty of Food, Nutrition & Dietetics were entrusted with the responsibility of helping in conducting the audit, as part of the

Social Audit Coordination and Facilitation Unit (SACFU). A questionnaire was formulated to collect primary data from 4 categories of respondents - Students, Parents, School Managing Committee (school Heads, Parent/s in charge of SMC), and MDM Providers (SHGs). The stakeholders/social audit facilitators were trained by the SACFU team before the audit to carry out the entire exercise as well as to create awareness on MDM scheme. Based on the feedback received, the questionnaire was re-examined and was finalized. The Social Audit for the financial year 2020-21 and 2021-22 was conducted in selected 48 schools having primary and upper primary students in the 2 districts of Goa (24 schools in North Goa and 24 schools in South Goa).

RESEARCH STUDY ON PANCHAYATS IN NORTH GOA

On receiving a directive from the Sanjeevan Trust, Ponda, Goa, the Goa College of Home Science conducted a research study on five different panchayats in North Goa to assess the working of the panchayats in the field of waste management, and to examine the expenditure of funds they receive under various schemes for waste management. Using a questionnaire guide given by the Sanjeevan Trust, the students collected the data by personally interviewing an office bearer in each of the panchayats, who were forthcoming with information. The findings of the research study titled, “**Swaccha Bharat Campaign and its Panchayat-Level Implementation – Case Reports of Five Panchayats in North Goa**”, were submitted to the Sanjeevan Trust, Ponda, Goa.

Participation In Events Initiated By The Government Of Goa

1. To commemorate Goa@60, the Directorate of Information & Publicity, along with the Directorate of Higher Education organized a series of lectures by eminent resource persons in colleges all over Goa. A lecture titled “**Animal Biodiversity of Goa**” was hosted by Goa College of Home Science- Campal, Panaji on 9th December 2021 with Dr. Nitin Sawant as the resource person.
2. Students of Goa College of Home Science attended the **3rd Manohar Parrikar Vidyan Mahotsav** on Monday 13th December 2021 at the Auditorium of National Institute of Oceanography (NIO), Dona Paula.
3. As per the directives of the Directorate of Higher Education, NSS students of Goa College of Home Science attended the **launch of PINK FORCE of the Goa Police** by the Chief Minister of Goa Dr. Pramod Sawant on 18th December 2021 at 5 pm at the Miramar Circle.

4. Students and staff of Goa College of Home Science attended the *Panaji Sail Parade and Fly Past* organized by Government of Goa on 19th December 2021 at Miramar Beach, Panaji. Ho'ble Prime Minister of India, Shri. Narendra Modiji was Chief Guest on this occasion.
5. On the 8th of March 2022, a lecture on *“Exploring Fungal Diversity for its Immense Potential”* was conducted for our students and staff by Dr. Maria D’Souza, Asst. Prof. of Botany at St. Xavier’s College, Mapusa, Goa. This lecture was part of a State wide Science Lecture Series to commemorate National Science Day organized by the Directorate of Higher Education, Government of Goa

Sponsored Research Projects only sanctioned during Academic Year 2020-21. (Include only research projects of minimum Rs one lakh)---- NIL

Conferences/Workshops Organized (Nos. only)

1. State Level: 2
2. National Level: 2
3. International Level (Only if there is participation of at least 10% of Scholars from abroad):1

Details of International Conferences/Workshops organized

INTERNATIONAL WEBINAR TITLED “TACKLING MICRONUTRIENT MALNUTRITION: FOOD BASED STRATEGIES

To commemorate National Nutrition Month, an International Webinar titled *Tackling Micronutrient Malnutrition: Food Based Strategies*, was organized by the Goa College of Home Science on 29th September 2021, with support from National Commission for Women (NCW). The webinar was an attempt to address the nutritional needs and requirements of women, and to create awareness that micronutrient malnutrition is preventable through the implementation of food-based strategies. The coordinator of the webinar, Associate Professor Ranju Kunkaliker, highlighted the concept and objectives of the webinar. The webinar included three technical sessions. The first technical session on “Diversifying staples – How to have big impact on Nutrition Challenges faced by Women” was conducted by Joana Kane Potaka, Assisstant Director General (External Relations), ICRISAT – Global Head Quarter Hyderabad, Executive Director of the Smart Food Initiative. The second technical session on “Traditional Food Processing Techniques and Micronutrient Bioavailability” by Jovila Pinto, Diabetes Dietician, Wansbeck Hospital, Northumberland UK, included a detailed account of how the various simple traditional food processing methods followed across the world would help in increasing the bioavailability of micronutrients and it could help in combating malnutrition. The third technical session on “Hidden Hunger: A Silent Epidemic Speaker” was conducted by Dr.

Uma Kulkarni, Professor, Food Science and Nutrition, and Head, FSN Btech (Food Tech), College of Community Science, University of Agricultural Sciences, Dharwad, Karnataka. Over 200 participants from all parts of India participated in the webinar hosted on Zoom and live streamed on YouTube <https://www.youtube.com/channel/UC3gO-QK9cFLYVXoakPyr8Q/videos> All the participants received e certificates.

Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
Papers Published	--	--	3	3
Total	--	--	3	3

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	2	1

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	--	12

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D: 03

Awards: NIL

Sports Achievements of Students:

Levels of Competition	Individual Event			
	First Place	Second Place	Third Place	Total
Inter-collegiate	-	2	-	2

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): Out of 45 students that appeared for the T.Y.B.Sc. University examinations, 16 received distinction, while 12 obtained first class.

SOCIAL AUDIT OF MID DAY MEAL SCHEME

The Directorate of Education (DoE), Government of Goa requested the Goa College of Home Science (GCHS) to engage in Social Audit of MDM Scheme for the Academic Year 2020-21 and 2021-22. Accordingly, GCHS signed a MoU with DoE, Government of Goa, agreeing to engage in Social Audit of MDM scheme (renamed as PM POSHAN SCHEME) conducted during the Academic Year 2020-21 and 2021-22. Teaching faculty of Food, Nutrition & Dietetics were entrusted with the responsibility of helping in conducting the audit, as part of the Social Audit Coordination and Facilitation Unit (SACFU). A questionnaire was formulated to collect primary data from 4 categories of respondents - Students, Parents, School Managing Committee (school Heads, Parent/s in charge of SMC), and MDM Providers (SHGs). The stakeholders/social audit facilitators were trained by the SACFU team before the audit to carry out the entire exercise as well as to create awareness on MDM scheme. Based on the feedback received, the questionnaire was re-examined and was finalized. The Social Audit for the financial year 2020-21 and 2021-22 was conducted in selected 48 schools having primary and upper primary students in the 2 districts of Goa (24 schools in North Goa and 24 schools in South Goa).

5B.37 Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda

Year of Establishment: 1993

College Address: B.S.P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Vajem, Shiroda- Goa 403103.

Principal's Details:

Name: Dr. Anura P. Bale
Contact No: 9822589751
Email: baleanura@rediffmail.com

College website: www.gamrc.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): we are pursuing the process of NAAC accreditation of our Institute.

Courses offered, sanctioned and filled strength: B.A.M.S. -Bachelor of Ayurveda Medicine and Surgery (Ayurvedacharya), 60 +05 = 65 Seats.

AYUSH	- 09
DTE	- 38
MANAGEMENT	- 13
<u>EWS</u>	<u>- 05</u>
Total	= 65

Research Centre, If any - Yes

Any new course(s) started: YES (PG)

1. Kayachikitsa
2. Rasashastra & Bhaishajya Kalpana

Faculty strength: 38

Achievements of the College:

1. Mass Suryanamaskar event was organized at our college for all the staff and students on 14th January 2022.
2. Bharateeya Sanskriti Prabodhinis Gomantak Ayurveda Mahavidyalaya & Research Centre and its Hospital – Kamakshi Arogya Dham is the only extensive Ayurveda facility in the State. Our Hospital Kamakshi Arogya Dham has received accreditation from National Accreditation Board for Hospital & Health Provider (NABH) on the month of February 2022.
3. Dr. Anura P. Bale – Principal is nominated as member of Advisory Council of Indian System of Medicine, member of Executive Council & Academic Council of Goa University.
4. Para-medical sports were organized for all medical professional colleges in April 2022.
5. Our students participated in various extracurricular activities and won prizes.
6. Almost more than 75 lectures delivered in various schools and colleges and various activities conducted under the project Azadi Ka Amrit Mahotsav.
7. Our Institute is recognized under financial Aid for Periphara Pharmacovigilance Centre.

8. Live Snake Awareness and Demonstration was organized by the Agadanta Dept for 3rd Year students on 26/03/2022. Shreecharan Desai, founder of SAWE (Study and Awareness of Wildlife and Environment) was the resource person.
9. Seminar and elocution completion organized by Kayachikitsa Department to mark the 1st Death Anniversary of Vd. Anil Panse was held on 25th April 2022. Vd. Rasik Pawaskar was guest lecturer for seminar.
10. Our college has organized Transitional Curriculum for the First Year BAMS students 2021-22 from 2nd May to 19th May 2022. The Transitional Curriculum involved guest lectures by eminent personalities from various fields from Goa.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh)

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned /completed with date
01	Dr. Anura Bale, (Dr. Geeta Patki)	To evaluate PCOS with special reference to Ayurvedic parameters	14/04/2021	Bharateeya Sanskriti Prabodhini	2,00,000/-	Ongoing

Conferences/Workshops Organised (Nos. only): NIL

Publications

Publications	Cat-I Scopus, Web of Science, ICI indexed journals	Cat-II UGC Recognized	Cat-III ISSN	Total
I. Research papers in Journals	05	03	04	12
	International	National	Local	Total
II. Research papers in Conference Proceedings	01	01	—	02
Total	06	04	04	14

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
-	05	01

Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
-	04	75

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph. D: 09

Awards :

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Sangram Keshari Das	Goa State Bio-diversity Conservation Award 2021 in Applied Biodiversity Researcher	Goa State Biodiversity Board Date - 03/08/2021
	National Best Teacher Award in Dravyaguna Vijnana	Ayurveda Teacher Association of India Date – 16/08/2021

Sports Achievements of Students:

Levels of Competition	Individual Event			Team Event				
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	—	—	—	—	Cricket	Runner Up	—	02
Total	—	—	—	—	—	—	—	02

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

1. Dr. Anura P. Bale, Principal was invited as a Chair person for national Webinar on Genetics and Ayurveda on 12/07/2021 organised by Loknete Rajarambapu Patil Ayurvedic Medical College Islampur.
2. On the occasion of Women's Day 2022 a Breast Screening Camp was organised by the SRPT department in collaboration with NGO – "YOUWECAN" from Chimal on 07th March 2022.
3. Dr. Neelesh Korde has delivered a lecture on the Topic "The importance of alternate system of medicine: the Indian Perspective and European concerns" as a resource person at the Advanced Certificate Programme in Comparative Legal Studies in India and Europe on the Right to Health and Medicines in a Changing World that took place in Margao and Lisboa (online) from 16th October to 18th November 2021.
4. Dr. Prathamesh V. Karpe was invited as a Resource Person to deliver the Lecture on "Introduction to Ayurveda and Shalya Tantra" at the training programme held for the health educators and extended educators of the Directorate of Health Services (DHS) Goa held at the conference hall, DHS campal Panaji Goa on 25th March 2022.
5. Dr. Joy Pereira was invited as a Resource Person in the Workshop entitle "AHARAYOJANA" (Planning of diet) Organized by Department of Pathyahara in collaboration with Dept. of Swasthavrritta on 27th and 28th June 2022 at KAHER's Shri B.M.K. Ayurveda Mahavidyalaya Shahpur, Belagavi.
- 6.

5B.38 Goa Vidyaprasarak Mandal's Dr. Dada Vaidya College of Education, Ponda

Year of Establishment: 1993

College Address: Shri. Sitaram Kerkar Vidya Sankul Post Box No. 139, Farmagudi Ponda Goa 403 401

Principal's Details:

Name: Dr. Jojen Mathew

Contact No: 9423813450

Email: gvm.educol@gmail.com

College website: www.gvmcollege.com

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)

Cycle	Grade	CGPA	Year of Accreditation	Validity period
1 st	B	2.77	2011	15 th September 2016
2 nd	B+	2.51	2017	22 nd January 2022

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level (Total)
Two Year B.Ed. Programme	110	First Year B.Ed. - 105 Second Year B.Ed. - 98
Two Year M.Ed. Programme	50	First Year M.Ed. - 39 Second Year M.Ed. - 36
Diploma in Pre-primary Teacher Training Programme	40	28

Research Centre, If any : Ph.D. in Education

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 15 candidates registered for Ph. D in Education

Any new course(s) started: NIL

Faculty strength: (No. only)

- a. **Full Time (Regular)** – (B.Ed.)- 13 Regular
- b. **Contract basis (11 months)** – (B.Ed.)- 01 + (M.Ed.)- 06 + **Diploma In Pre-Primary Teacher Training Programme** - 01

Achievements of the College:

- Our B.Ed pass % was 95, M.Ed was 100%
- This year 68 students cleared GTET from our college
- And 3 students from M.Ed cleared NET and 1 student cleared SET
- We could organize a research talk series and conducted 9 such talks.
- Received an International Institutional Excellence Award from Association of International Researchers of Indian Origin (AIRIO) 14 DINA LANE, SOMERSET, NJ 08873 USA.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized

National Level: - 9

State Level: - 8

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:-

Publications	Cat-I	Cat-I	Cat-I	Total
	Scopus, Web of Science, ICI indexed Journal	UGC Recognized	ISSN	
	Foreign Publisher	Indian Publisher	Local Publisher	Total
I. Books/Edited Books	--	4	--	4
a. Research papers in Edited Books	--	4	3	7
	International	National	Local	Total
II. Research papers in Conference Proceeding	3	--	--	3
Total	3	8	3	14

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
3	3	-

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
3	7	8

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 07

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	--	--	1	1

Total	--	--	--	--	--	--	1	1
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(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Five faculties from the college were appointed by SCERT, Goa as coordinator for preparing Position Papers for National Curriculum Framework

5B.39 Institute of Nursing Education, Bambolim

Year of Establishment: 1993

College Address: Institute of Nursing Education, Opposite Military Workshop, Bambolim-Goa

Principal's Details:

Name: Prof. Dr. Wilson Nicolau Fernandes

Contact No: 7588354077

Email: principal-ine.goa@nic.in

College website: www.nursinginstitutegoa.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not accredited

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength	Filled Strength
	Entry level (Total)	Entry level (Total)
B. Sc Nursing program	110+ 8 seats	110+2=112 seats
M. Sc Nursing program	25 seats	3 seats
Post Basic Diploma in Neonatal Nursing	25 Seats	Nil
Post Basic Diploma in cardiothoracic	25 Seats	Nil

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: No

Faculty strength: 29 full time staff

Achievements of the College: NIL

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh): NIL**

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/ Webinars organized

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I.Research papers in Journals	Nil	Nil	02 ISSN:2349-5162 ISSN: 2706-8870	02
Total				02

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Nil	1.Karunashraya Banglore (Bangalore)	1.Bachelor of Physiotherapy GMC Bambolim
	2.MAHE-manipal Academy of Higher Education (Maanglore)	2.Indian Academi of Pediatric (IAP) ,GMC Bambolim
	3.Homi Bab Cancer Institute and research centre (Vishakhapatnam)	3.Rosary College Navelim (Navelim)
	4.Bagechi Karunashraya, Bhubaneswar	4.Goa University HRDC (Goa University)

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 02

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event	Team Event

	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	Nil	Nil	Nil	Nil	Nil	Ranbhoomi2022 Football by BSP's Gomantak AM& Research centre shiroda -Goa	Nil	01
Total	Nil	Nil	Nil	Nil	Nil	1	Nil	Nil

(Events organized by recognized institutions, associations and federations only)

(Students had participated in Table tennis, Chess, Badminton, Tennikoit, football, Kho-kho, kabbadi, Volleyball under Goa University)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.40 Padre Conceicao College of Engineering, Verna, Goa

Year of Establishment: 1997

College Address: Padre Conceicao College of Engineering, Agnel Technical Education Complex, AgnelGanv, Verna, Salcette, South Goa, Goa – 403722

Principal's Details:

Name: Dr. Mahesh Parappagoudar

Contact No: 0832-2791266-67

Email: principal@pcegoa.edu.in / agnelpce@gmail.com

College website: www.pcegoa.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):
Not accredited

Courses offered, sanctioned and filled strength:

S No.	Name of the course	Sanctioned strength	Filled strength in 2021-2022
1	Bachelor of Computer Engineering	75+4*	78
2	Bachelor of Electronics & Telecomm. Engineering [#]	-	-
3	Bachelor of Electronics & Computer	75+4*	78
4	Bachelor of Mechanical Engineering	75+4*	41
5	Bachelor of Information Technology	75+4*	78

6	Master of Engineering (Information Technology)	18	0
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* 4 additional students admitted in each discipline against AICTE Tuition Fee Waiver Scheme for girls, economically backward and handicapped students

In process of being phased out – course name changed to “Bachelor of Electronics & Computer Engineering”

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph.D under the Research Center: Not applicable

Any new course(s) started: “Bachelor of Electronics & Telecommunication Engineering”
course name changed to “Bachelor of Electronics & Computer Engineering”

Faculty strength:

S No.	Department	Permanent Faculty	Full-time Contract Faculty
1	Computer Engineering	10	3
2	Electronics & Computer Engineering	8	5
3	Mechanical Engineering	10	3
4	Information Technology	9	3
5	Basic Sciences and Humanities	5	2
	TOTAL	42	16

Achievements of the College:

- Celebrated 25 years of establishment of the college in 2021-2022
- Obtained NBA accreditation for Mechanical Engineering programme for academic years 2022-2023, 2023-2024 and 2024-2025

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh)**

Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
Roshan Revankar, Mohnish Borker	Modelling and construction of a heat exchanger integrated PCM storage tank	September 2021, 2 years	Melink Corporation, USA	11 Lakhs	6.3 Lakhs Sanctioned

Conferences/Workshops Organized (Nos only)

National Level: **1**

Details of International Conferences/Workshops/Webinars organized: NIL

Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	6	0	0	6
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	0	0	0	0
(a) Research papers In Edited Books	1	0	0	1
(b) Books	0	0	0	0
	International	National	Local	
III. Research papers in Conference Proceedings	14	2	0	16
Total	21	2	0	23

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
10	5	1

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
0	0	2

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
0	2

No. of Teachers pursuing Ph.D: 10**Awards: NIL****Sports Achievements of Students:**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	0	1	0	1	0	0	0	0
State	0	0	1	1	0	0	0	0
Inter-University	0	0	1	1	0	0	0	0
National	1	0	0	1	0	0	0	0
Total	1	1	2	4	0	0	0	0

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution: NIL**

5B.41 Shivgram Education Society's Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda

Year of Establishment: 1998-1999

College Address: Shiv-Shail, Karai, Shiroda-Goa - 403103

Principal's Details:

Name: Prof. (Dr.) Roshani R. Shirwaikar

Contact No: 9890719379

Email: drshubhashirwaikar@gmail.com

College website: www.homoeopathycollegegoa.org.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not Applicable

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.H.M.S.	50 seats	50 seats	50 seats	50 seats

Research Centre, If any : NO

No. of Candidates, subject wise, registered for Ph. D under the Research Center: N.A.

Any new course(s) started : NO

Faculty strength : --

Achievements of the College:

- 1) MOU with Switzerland Homoeopathic Medical College, Switzerland – Past 15 years.
- 2) Training for Students and Interns for CPR Programme through GVK Foundation, Bambolim – Goa.
- 3) COVID – Awareness programmes and distribution of Arsenic Alb as a Community Service.

Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs. one lakh) : NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/ Webinars organized : NIL

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
		Dr. Trisha Torcato, Associate Professor, Dept. of Community Medicine, SKHMC&H.
		Talk At St Joseph Convent, Shiroda on “Nutrition” in October-2021
		Talk At St Joseph Convent Aquem-Goa on “Menstrual Hygiene” in October-2021
		Talk At St Anthony Convent School, Panchawadi-Goa “Nutrition” in October-2021
		Talk At St Anthony Convent Panchwadi-Goa, on “Menstrual Hygiene” in October-2021
		5) Women Day Talk At Man Company, Margao Goa - on “Emotional Health” on 08.03.2022.
		Dr. Zoya Joao, Assistant Professor, Dept. of Pathology & Microbiology, SKHMC&H.
		Talk on “ Health & Fitness ” at Govt. High school Bali, Quepem – in association with Taluka legal Services Committee and Quepem, court of the civil Judge Senior Division JMFC Quepem in collaboration with Govt. High School , Bali Quepem – Goa on 14 th November 2021.
		Talk as a Resource person at Govt. College Quepem on “ HEALTH ISSUES FACED BY WOMEN ” in Association with Taluka Legal Service Committee And Quepem, Court of The Civil Judge Senior Division And JMFE Quepem in collaboration with Govt. college of Arts and science Quepem to commemorate international Women's day Azadi Ka Amrut Mohatsav on 8 th March 2022.
		Dr. Ashlesha Narkhede, Assistant Professor, Dept. of Anatomy, SKHMC&H
		Webinar given on “Corona and Precautionary measures” for students parents staff organised by Vidya Prabodhini High school Porvorim on 7th August 2021.

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: NIL

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from One College/Institution).

1. Dr. Trisha Torcato, Associate Professor, Department of Community Medicine Awarded Hahnemannian Award by HMAI 2022–for contributions in the Homeopathy field.
2. Prof.(Dr.) Roshani R. Shirwaikar, Principal, SKHMC&H felicitated by Shri. Shripad Naik, AYUSH Minister, Govt. of India for contributing towards the cause of COVID.
3. Prof.(Dr.) Roshani R. Shirwaikar, Principal, SKHMC&H felicitated by Rotary Club of Panaji towards the contribution in the field of Homoeopathy.

5B.42 GSS's Don Bosco College, Panaji

Year of Establishment: 2001

College Address: MG Road, Panjim Goa - 403001

Principal's Details

Name: Dr. Cedric Silveira

Contact No: 0832-2421929

Email: principal@donbosco.goa.ac.in

College website: donbosco.goa.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NA

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor of Computer Applications		80		70
Bachelor of Business Administration		40+10% additional		43
Bachelor of Business Administration (Travel and Tourism)		40		27
Bachelor of Arts Mass Communication		40		30
Bachelor of Arts Social Work		30		03
Bachelor of Physical Education		50		41
Master of Social Work		40		05

Research Centre, If any: NA

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: NIL

Faculty strength: 22

Achievements of the College:

- Mr. Ayaan Sheikh of BBA department won 1st place in State level U-19 Badminton tournament
- Ms. Karen Estrochio of BBA department won 1st place in State level Interuniversity west zone football
- Inaugural of Boskon studio
- The college has signed a MoU with St Aloysius College, Mangalore
- The college has signed a MoU with Nirmala Inst. of Edu.
- The college has signed a MoU with St. Joseph Vaz College
- The college has signed a MoU with GCCI.
- The college has signed a MoU with GMA
- The college has signed a MoU with IPLA
- The college has signed a MoU with Vanillakart

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level: 01

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	0	3	1	4
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/ Edited Books	0	0	0	0
a. Research papers in Edited Books	0	1	0	1
Total	0	4	1	5

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
0	0	2

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 01

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Ajith Gopi	A Study of the relationship between perceived Teachers' Nonverbal Immediacy, Academic Motivation, Affective Learning, and Teachers' performance of Physical Education students in Kerala.	Swami Ramanad Teerth Marathwada University, Nanded, Maharashtra. 09/09/2021

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	2	--	--	2

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.43 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda

Year of Establishment: 2001

College Address: Shivshail, Shiroda Goa 403103

Principal's Details

Name: Prof. (Dr). Anurag Jain

Contact No: 7905171053

Email: principal.ritgoa@gmail.com

College website: www.ritgoa.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not Applied

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
Electronics & Telecommunication Engineering	75+4*	04
Computer Engineering	75+4	60
Information Technology	75+4	39
Mechanical Engineering	57+4	0

Research Centre, If any: No

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: Not Applied

Any new course(s) started: NIL

Faculty strength: 31

Achievements of the College:

- 16 Scopus indexed conference publications from the department based on final year student's projects.
- A team comprising of our second year students Mr. Rajdattta Sawant, Mr.Aryan Kumar Halwai, M. Pravin Prajapati and Ms. Neha Jha won 4th place at Hack4 Goa- a 24-hour open themed hackathon by GirlScript Goa held from 13th to 14th November 2021.
- Second year ETC students Deepesh Chari and Deeptesh Chari designed and presented a drone "ORNITHOPTER" in the form of a bird with at the Science Film Festival of India organized by Vidhyan Parishad on 26th April at SCI-FII 2022 held at Panjim, Goa.
- TE-ETC students, Tauseef Siddiqui and Ruthik Anvekar participated and presented their exhibits at the India International Science Festival 2021, held at Campal, Panjim, Goa, from 10th to 13th December 2021.

- Mr. Mayur Gambhir and Mr. Chilton Fernandes: Attended AICTE-ISTE approved Orientation/Refresher Programme on “Machine Learning” organised by SRIEIT, Shiroda in association with ISTE, from 22 to 28 February 2022
- Mr. Shreeyank Jambhale: Attended a 5-day AICTE FDP on “Incorporating Universal Human Values in Education-UHV Workshop” from 27th Sep to 1st Oct 2021.
- Mrs. Veena Gaonkar: Attended a 5-day AICTE FDP on “Incorporating Universal Human Values in Education-UHV Workshop” from 31st May to 1st June 2021.
- Mr. Chilton Fernandes: Attended a 5-day AICTE FDP on “Incorporating Universal Human Values in Education-UHV Workshop” from 27th Sep to 1st Oct 2021.
- Mr. Jateen Shet Shirodkar participated and successfully completed ATAL workshop on “Carbon footprint Reduction: Issues and challenges” from 08th Nov 2021 to 12th Nov. 2021 at Goa College of Engineering.
- Mr. Jateen Shet Shirodkar attended one week AICTE & ISTE sponsored Induction programme on “Innovative practices in Energy Management” from 13th to 19th Jan.2022 organised by Agnel Institute of Technology & Design.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh)

Conferences/Workshops Organized (Nos. only)

Details of International Conferences/Workshops/ Webinars organized

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I.Research papers in Journals	0	0	7	7
	International	National	Local	Total
III.Research papers in Conference Proceedings	16	0	0	16
Total	16	0	7	23

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
8	8	0

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 05

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1st/2nd/3rd
Shivam Mohite	National Level	Junior National Men's Classic Powerlifting Championship 2021-22 Date:09-04-22 to 13-04-22	POWERLIFTING INDIA	Nil

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.44 P. E. S. College of Education, Farmagudi, Ponda

Year of Establishment: 2004

College Address: P.E.S's College of Education, Farmagudi Ponda Goa

Principal's Details:

Name: Mr. Ratnadeep N. Khade

Contact No: 9766909191

Email: ratnadeep.khade15@gmail.com

College website: www.pescoe.com

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NO

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.Ed. (Bachelor of Education)	110	110	104	105

Research Centre, If any: NO**No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NO****Any new course(s) started: NO****Faculty strength: 12****Achievements of the College: NIL****Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh) NO****Conferences/Workshops Organized (Nos. only): NIL****Details of International Conferences/Workshops/ Webinars organized-****Publications:**

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	0	0	2	2
	International	National	Local	Total
II. Research papers in Conference Proceedings	1	0	0	1
Total	1	0	2	3

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
0	1	0

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
0	1	2

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 6

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Mr. Malhari Gaikwad - Member, BOS in Education Faculty
- Mr. Umesh Salgar – Best Research Paper presentation at online International Conference. 27/11/2021
- Mr. Rajendra Chavan – Google Scholar Citation-24, h- index 6, i10 -index 4
- Mr. Ketan Kamble - Google Scholar Citation-53, h- index 2, i10- index 1

5B.45 P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda

Year of Establishment: 2007

**College Address: PES's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi Ponda
Goa**

Principal's Details:

Name: Dr. S.N. Mamle Desai

Contact No: 0832-2335162 / 8390773995

Email: principalrtbcop@gmailcom

College website: www.pespharma.com

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NOT APPLICABLE

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor of pharmacy	100		100	

Master in Pharmacy (pharmaceutical chemistry and Pharmaceutics)	18+18	30
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Research Centre, If any: NA

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: NA

Faculty strength: 22

Achievements of the College:

- Students qualified GPAT examination
- Students secured gold medal at B.Pharm

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh)**

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
	Dr. A. M. Godbole Mr. Sandesh Somnache	Development and optimisation of release modulated novel oral liquid dosage form of enzyme supplements for geriatrics	June 2021	Department of Science and Technology; Waste Management, Government of Goa under “Scheme for Researchers in the field of Science and Technology and for Projects of Students as part of academic curriculum.	Rs. 1,68,000/-	Completed

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I.Research papers in Journals	10			
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II.Books/Edited Books	2			
	International	National	Local	Total
III.Research papers in Conference Proceedings	4			
Total				

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
0	2	0

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
0	2	2

Teachers who obtained research degree during the year: NIL**No. of Teachers pursuing Ph.D.: 06****Awards: NIL****Sports Achievements of Students: (Note: Specify only number): NIL****Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL****Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Interviewed in Shubhprabhat Program (7.30 am) on topic: “How to take medicine?” on All India Radio (Mhadei Channel) in connection with International Women’s Day on 7th March 2022. (Dr. Celina Nazareth)

- Interviewed on Television (Doordarshan) on the topic ‘Arogya Sampada’ on the 12th March 2022 (<https://youtu.be/sSIByqgw2kU>). (Dr. Celina Nazareth)
- Dr. Pearl Dighe, Assistant Professor, Department of Pharmaceutics was appointed as an interview panel member at Indoco Remedies for selection of candidates for their GEMS program incepted by Indoco Remedies to guide, empower, mentor and support their associates. She was also invited as a guest at the inaugural function of the program held on 7th October 2021 amidst the management and GEMS coordinating team of Indoco Remedies.

5B.46 Vrundavan Institute of Nursing Education, Colvale

Year of Establishment: 2007

College Address: Near Binani Glass Fibre Pvt. Ltd, Mushir Wado, Colvale, Bardez- Goa Pin code: 4035 13

Principal's Details:

Name : Prof. S Rajeswari

Contact No: +919225988570, 07448202838

E – mail: vinegoa@yahoo.co.in, rajiawanthika@gmail.com

College website: www.vrundavaninstituteofnursing.com

The NAAC accreditation Status: NA

Courses offered, sanctioned and filled strength:

1. Basic B. Sc Nursing: 50 seats (Sanctioned strength) + 05 EWS
55 students (filled strength)

Any new course(s) started: NIL

Faculty strength: 32 (21 + 11)

Achievements of the College: NIL

Sponsored Research Projects sanctioned ongoing and completed during June 2021 and May 2022: NIL

Conferences/Workshops Organized: NIL

Details of International Conferences/Workshops organized: NIL

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D: NIL

Awards: NIL

Sports Achievements: NIL

Details of the top 5 Sports Achievements: NIL

Any other Special Achievements of faculty and students: NIL

5B.47 Don Bosco College of Engineering, Fatorda, Margao

Year of Establishment: 2011

College Address: Fatorda, Margao Goa 403602

Principal's Details:

Name: Dr. Neena S. P. Panandikar

Contact No: 9823625216

Email: principal@dbcegoa.ac.in

College website: www.dbcegoa.ac.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Three programs Mechanical Engineering, Civil Engineering and Electronics and Telecommunication Engineering have been accredited by the National Board of Accreditation (NBA) from the academic year 2022-2023 to 2024-2025 i.e. upto 30-06-2025.

Courses offered, sanctioned and filled strength:

Sem I

Sr. No.	Courses Offered	Sanctioned no	Strength
1	Mechanical Engineering I +II	90+#5	44
2	Electronics & Telecommunication Engineering	60+#3	28
3	Computer Engineering	60+#3	63
4	Civil Engineering	60+#3	27

Sem III

Sr. No.	Courses Offered	Sanctioned no	Strength
1	Mechanical Engineering I +II	120+#6+\$12	61
2	Electronics & Telecommunication Engineering	60+#3+\$6+*1	46
3	Computer Engineering	60+#3+\$6+*2	68
4	Civil Engineering	60+#3+\$6+*1	70

Sem V

Sr. No.	Courses Offered	Sanctioned no	Strength
1	Mechanical Engineering	120+#8+\$12	109
2	Electronics & Telecommunication Engineering	60+#4+\$6	47
3	Computer Engineering	60+#4+\$6	61
4	Civil Engineering	60+#4+\$6	80

Sem VII

Sr. No.	Courses Offered	Sanctioned no	Strength
1	Mechanical Engineering I & II	120+#6+\$12	150
2	Electronics & Telecommunication Engineering	60+#3+\$6	84
3	Computer Engineering	60+#3+\$6	68
4	Civil Engineering	60+#3+\$6	80

Note:

1. Sign # - is for TFW entry students.
2. Sign \$ - is for Lateral entry students.
3. Sign * - is for SN students.
4. Data is provided based on Enrollment details of AY 2021 -22

Research Centre, If any: NO

No. of Candidates, subject wise, Registered for Ph.D under the Research Center: NIL

Any new course(s) started: NIL

Faculty strength: No. only

Sr. No.	Courses	Strength	
		Regular	Contract
1	Mechanical Engineering	14	02
2	Electronics & Telecommunication Engineering	15	01
3	Computer Engineering	11	03
4	Civil Engineering	11	01
5	Science & Humanities	05	02

Achievements of the College: NIL

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh)**

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
1	PI: Dr. Gaurang Patkar Co PI: Prof. Amy Tilve	Sentiment analysis of online article	May 05 th 2018 3 years and 6 months	DRDO	13,53,613/-	November 2021
2	Gaurish M Samant	Design and Development of Drone for precision spraying on coconut tree	28/05/2021	DST Goa	2,30,000/-	Completed 10/03/2023
3	Gaurish M Samant	Development of Drone for multiuse solution for harvesting, pruning & Spraying	10/08/2021	Ministry of Agriculture Central Government New Delhi	6,50,000/-	Sanctioned, Funds not yet allotted

Conferences/Workshops Organized (No.s only)

State Level: 01

National Level: 05

International Level (Only if there is participation of at least 10% of Scholars from abroad): 01

Details of International Conferences/Workshops organized

- 1. Department of Science and Humanities, Don Bosco College of Engineering (DBCE)** together with Binghamton University (BU) organized the Don Bosco Binghamton Big Data International Online Conference DB3D –2021 from October 19-21, 2021. A total of 107 participants registered for the conference. There were 48 authors who presented their research work at the Conference. The presentations were moderated by Prof. Michael Testani - Director of Industry Outreach- BU and Prof. Kala Nayak - Head of Department of Science and Humanities- DBCE. The closing remarks for the conference were presented by Prof. Michael Testani and Prof. Kala Nayak.

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I.Research papers in Journals	02	02	07	11
	International	National	Local	
II.Research papers in Conference Proceedings	17	00	00	17
Total	19	02	07	28

(Include publications without overlap. Articles included in Cat 1 should not repeated in Cat II and Cat III. Similarly for other cases also)

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
0	24	0

Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
0	3	6

*Details of invited lectures abroad (only if visited abroad) may be given as follows: Name of the teacher, Topic/theme of Lecture, Name of the country and the institution visited, Dates of visit, sponsoring / funding agency.

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
00	02

No. of Teachers pursuing Ph.D: 16

Awards: NIL

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	3	2	2	7	1	0	2	3
State	1	1	0	2	1	0	0	1
Total	4	3	2	9	2	0	2	4

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.48 Goa College of Hospitality and Culinary Education, Cidade de Goa, Vainganim

Year of Establishment: 2011

College Address: Goa College of Hospitality and Culinary Education, Taj Cidade de Goa, Vainganim Beach, Panaji Goa.

Principal's Details:

Name: Zarine Lobo

Contact No: 9850902471

Email: principal@gchce.com

College website: www.goshospitalitycollege.com

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

NA

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	Total
BBA (Hospitality and Culinary Management)	30		30	

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: NIL

Faculty strength:

Achievements of the College: NIL

**Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.
(Include only research projects of minimum Rs one lakh): NIL**

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/Webinars organized: NIL

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 2

1. Zarine Lobo - Principal
2. Prasanna Merchant – Assistant Professor

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.49 Agnel Institute of Technology and Design, Assagao, Bardez

Year of Establishment: 2012

College Address: Agnel Technical Educational Complex, Assagao, Bardez, Goa

Principal's Details:

Name: Dr. J. William

Contact No: +91-9975797916

Email: prinaitd@aitdgoa.edu.in

College website: aitdgoa.edu.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):
Planning to apply**

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level (Total)
Bachelor of Engineering (Mechanical)	87	58
Bachelor of Engineering (Computer)	87	95
Bachelor of Engineering (Electronics and Communication)	87	64

Research Centre, If any: NO**No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 03****Any new course(s) started: NO****Faculty strength: 43****Achievements of the College: NIL****Sponsored Research Projects only sanctioned/ Completed during June 2021and May 2022. (Include only research projects of minimum Rs one lakh): NIL****Conferences/Workshops Organized (Nos. only)**

National Level: 01

Details of International Conferences/Workshops/Webinars organized: NIL**Publications: NIL****Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
Nil	03	Nil

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Nil	01	Nil

Teachers who obtained research degree during the year:

M.Phil.	Ph.D.
Nil	Nil

No. of Teachers pursuing Ph.D.: 05

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.50 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim

Year of Establishment: 2012

College Address: Prabodhan Education Society's Vidya Prabodhini College of Commerce, Education, Computer & Management Vidya Nagar, Parvari, Taluka- Bardez, Goa – 403521

Principal's Details:

Name : Dr. Bhushan V Bhave

Contact No.: 0832-2413600, 9421160780/9673123355,

Email : vidyaprabodhinigoa@gmail.com; info@vidyaprabodhnicollege.edu.in

College website: www.vidyaprabodhnicollege.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): YES, B+ Grade with 2.73 score, First Cycle, Date: 26/09/2018.

Courses Offered, sanctioned and filled strength:

Course	Sanctioned Strength	Filled Strength
B. COM		
F.Y.B. Com	132	126
S.Y.B. Com	120	116
T.Y.B. Com	120	115
B.A.B.Ed.		
F.Y.B.A.B.Ed.	100	100
S.Y.B.A.B.Ed.	100	97
T.Y.B.A.B.Ed.	100	98
Fourth Year B.A.B.Ed.	100	99

Research Centre, If any: NA

No. of Candidates, subject wise, Registered for Ph.D. under the Research Center: NA

Any new course(s) started: No

Faculty Strength: 30

Achievements of the College: Only institutional achievements should be mentioned.

- (i) The achievements of individual faculty and students are not to be included.
- (ii) Give only maximum of 5 achievements in the order of its importance.
- (iii) The achievements may include accreditation by recognized agencies like NAAC, National and International Collaborations through MOUs with reputed institutions, recognition as Research Centre, recognition by UGC and other Govt agencies as Centre of Advanced Study, Centre of Excellence, recognition for special grants, etc. (not to include RUSA grant as it is common to all):
 - Two national level seminars were organized by the college:
 - a. In Collaboration with DELNET - 350 + librarians across the country participated.
 - b. In Collaboration with Elsevier -600 + research scholars and academicians participated.
 - A state level seminar 21st State level Yuva Konkani SahityaSammelan organized 350+students participated.
 - Six Certificate courses were started in collaboration with agencies like Ministry of Tourism, Jan SikhshanSaunsta and TJSB bank.
 - Received CSR funds from Gera Development Private Limited Maharashtra, for installation of solar panels, Purvankara Group, Maharashtra for construction of rainwater harvesting system and Sukraft Recycling Private Limited for conducting academic activities at the college.
 - MOUs were signed with reputed institutes like Bombay Stock Exchange and Policy Advocacy Research Centre, Mumbai, Mahaveer College Kolhapur, Dhavrukh, Mandrem Goa and Mahatma Gandhi Hindi VishwaVidyalaya Maharashtra.

Sponsored Research Projects sanctioned/Completed during June 2020and May 2021 (Include only research projects of minimum of Rs. One lakh): NIL

Conferences/Workshops Organized (No.s only)

State Level: 22

National Level: 3

Details of International Conferences/Workshops organized - NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC recognized	ISSN	
	Foreign Publisher	Indian Publisher	Local Publisher	
I. Books/Edited Books	--	1	--	1
	International	National	Local	
II. Research papers in Conference Proceedings	--	1	--	1
Total	--	02	--	02

(Include publication without overlap. Articles included in Cat I should not repeated in Cat II and Cat III. Similarly, for other cases also)

Papers presented in Conferences/Seminars/Workshops: NIL**Invited lectures given by the faculty**

Abroad	Within India	Within Goa
--	1	--

* Details of invited lectures abroad (only if visited abroad) may be given as follows: Name of the teacher, topic/theme of lecture, Name of the Country and the institution visited, Dates of visit, sponsoring /funding agency.

Teachers who obtained research degree during the paper: NIL**No. of Teachers pursuing Ph.D.:13****Awards: NIL****Sports Achievements of students: (Note: Specify only number)**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	1	--	2	3	--	--	--	--
National	--	--	--	--	1	--	--	1
Total	1	--	2	3	1	--	--	1

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (include in the table 18) at National and International Level only.

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament / Sports event with date	Name of the organizer	Place won 1 st / 2 nd / 3 rd
Miss Siya Gawade	Langadi	12 th Senior Women National Langadi Championship organized on 26/03/2022 to 28/03/2022	Langadi Association of Rajasthan	1st

(Events organized by recognized institutions, associations and federations only. Provide 5 sports Achievements in the order of its importance.)

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Ms. Shamal Dessai, Assistant Professor in Economics and NSS covenor participated as contingent Leader of the Goa University for the national Integration camp at Idukki, Kerala.
- Mr. Kedarnath. Tadkod, Assistant Professor in English participated as Programme officer representing the Goa contingent for the 7 day national integration camp organized by Ministry of Youth affairs and Sports, Government of India at JNTUH College of Engineering, Sultanpur, Hyderabad.

5B.51 Sai Nursing Institute, Sankhali

Year of Establishment: 2014

College Address: Sai Nursing Institute, Housing Board Colony, Harvalem, Sankhali – Goa

Principal's Details:

Name: Mrs. Kalyan Sawant

Contact No.: 9765128185

Email: kalyansawant21@gmail.com

College website: www.sainursinginstitute.in

Courses Offered, sanctioned and filled strength:

Sr. No.	Courses offered	Sanctioned	Filled
1	Auxiliary Nurse Midwifery	60+6 seats	40 seats

Any new course(s) started : Yes

Sr. No.	Courses offered	Sanctioned	Filled
1	B.Sc Nursing program	60+6 seats	65 seats
2	General Nursing Midwifery	60+6 seats	56 seats

Faculty strength: 7 Full time & 6 Contract staff

Conference/Workshop Organized during June 2020 and May 2021: 2

Publications: NIL

No. of Teachers pursuing Ph. D: NIL

No. of Teachers pursuing Ph. D: NIL

5B.52 V. M. Salgaocar Institute of International Hospitality Education

Year of Establishment: July, 2014

College Address: Manora, Raia, Salcette- Goa, 403720

Principal's Details:

Name: Prof. Irfan.S. Mirza Director/Principal

Contact No: +91 7720023201

Email: irfan.mirza@vmsiie.edu.in

College website: www.vmsiie.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NO.

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength = 120		Filled Strength	
	(Total)		Entry level	Total
B.Sc. International Hospitality Management	1 st year	120	1 st year	45
	2 nd year	120	2 nd year	58
	3 rd year	120	3 rd year	85
M.Sc. International Hospitality and Tourism Management	1 st year	30	1 st year	05
	2 nd year	30	2 nd year	05

Research Centre, If any: NO

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: BSc. Culinary Arts program started with effect from July, 2022

Faculty strength:

1. Regular full time = 04
2. Contract full time = 07
3. Visiting Faculty = 04

Achievements of the College:

- Goa chapter of SKAL International was stalled with 41 students as SKAL members with an aim to provide a deeper understanding of emerging trends in hospitality industry.
- **State Level Skill Competition:** Our institute was the venue for Skills India at the State Level Skill Competition wherein state of the art infrastructure was provided to the participants.
- **Social Outreach:** 713 meals were provided to home quarantined patients of Raia village. VMSIHE kitchen helped the home quarantined patients by delivering food to them during the deadly second wave of COVID-19 pandemic.
- **Green Audit:** A work order for the Green Audit of our Institute was signed with Shubhankar Environmental Services on 1st February 2022. VMSIHE was determined to follow the best practices in all possible areas including eco-friendly practices. Some of the practices like water harvesting, sewage treatment was planned as part of effective management practices.

Sponsored Research Projects only sanctioned/ Completed during June 2021and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Publications

DetailsofInternationalConferences/Workshops/Webinarsorganized Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No .of Teachers pursuing Ph.D.:02. Ms. Shameem Menon and Ms.Supriyanka Govekar

Awards: NIL

Sports Achievements of Students: (Note: Specify only number) NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

1. **Infrastructure up gradation:** An ultra-modern kitchen (with induction cooktops) of international standard has been added. The kitchen's unique feature is that it can be configured in a variety of ways to create the ideal training and teaching environment.

5B.53 Don Bosco College of Agriculture Sulcorna Quepem Goa

Year of Establishment: 2015

College Address: Don Bosco College of Agriculture, Sulcorna Quepem Goa

Principal's Details:

Name: Dr. Suresh Kunkalikal

Contact No: 9423889770

Email: dbcprincipal@gmail.com

College website: www.donboscollegeofagriculture.com

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NIL

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
B.Sc.(Hons.)Agriculture	50		23	

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NA

Any new course(s) started: NIL

Faculty strength: 5

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs. one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/ Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	2	-	-	2
	International	National	Local	Total
II. Research papers in Conference Proceedings	-	3	-	3
Total	2	3	-	5

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 1

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.54 Harmal Panchakroshi Shikshan Mandal's Ganpat Parsekar College of Education Harmal-Goa.

Year of Establishment: 2015

College Address: Vidya Sankul, Bhom Plateau, Harmal, Pernem, Goa. 403524

Principal's Details:

Name: Mr. Udesh Natekar

Contact Number: 9823232629

Email: abhishnatekar@yahoo.com

College website: www.ganpatparsekarcollegeofeducation.com

The NAAC accreditation Status: NIL

Courses Offered, Sanctioned and Filled strength:

Course	Sanctioned Strength	Filled Strength
B. A. B. Ed		
F.Y.B.A.B.Ed	50	49
S.Y.B.A.B.Ed.	50	48
T.Y.B.A.B.Ed.	50	47
Fourth Year B.A.B.Ed.	50	47
F.Y.B.Sc.B.Ed	50	38
S.Y.B.Sc.B.Ed	50	40
T.Y.B.Sc.B.Ed	50	44
Fourth Year.Y.B.Sc.B.Ed	50	47

Research Centre, If any– NA

No. of Candidates, subject wise, Registered for Ph.D. under the Research Center: NA

Any new course(s) started: NO

Faculty Strength: 35

Achievements of the College:

Our institute has MoU with Goa State Biodiversity Board

**Sponsored Research Projects sanctioned/Completed during June 2020 and May 2021
(Include only research projects of minimum of Rs. One lakh)**

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. in Lakhs)	Specify whether sanctioned/ Completed
1	Dr. Pradnyesh Satardekar	Synthesis and Characterisation of perovskite-based cathodes for intermediate temperature solid oxide fuel cell application	07/06/2022	Govt. of Goa Department of Science and Technology & Waste Management	6.2 Lakhs	Sanctioned 2.5 Lakhs

Sponsored Consultancy Work sanctioned during the reporting period (Include only consultancy projects with minimum Rs. One lakh) – NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	6	10	20	36
Total	6	10	20	36

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
05	24	24

Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
-	5	24

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
-	06

No. of Teachers pursuing Ph.D.: 08

Awards

Name of the Faculty Member	Title of the Award	Name of the Agency/Institution Sponsoring the Award (only recognised and reputed agencies), Date of award
Dr. Vibha Lad	Goa Marathi Academy Award (Novel)	Goa Marathi Academy, May 2022

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	--	02	02	04	--	--	--	--
Total	--	02	02	04	--	--	--	--

5B.55 Ramanata Crisna Pai Raikar School of Agriculture, Savoi-Verem

Year of Establishment: 2016

College Address: Madhala wada, Savoi – Verem, Ponda – Goa.

Principal's Details:

Name: Dr. Santosh B. Patkar (Officiating by virtue of an agreement with Saraswat Vidyalyaya Society)

Contact No: 9421157379

Email: rcpragrischool@gmail.com

College website: www.rcpragrischool.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NIL

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Advance Diploma (Agriculture)	30		26	36

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: NIL

Faculty strength: 05

Achievements of the College: Only institutional achievements should be mentioned.

- Institution appointed as Planning and hand holding Agency for planting activity by Goa State Biodiversity Board.
- Institution appointed as handholding Agency for expert support by reputed NGO - Vanarai, Pune.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs. one lakh): NIL

Conferences/Workshops Organized (Nos. only)

National Level: 01 (Co-organiser of Seminar on Cinnamon Cultivation' for farmers, extension workers and students at Indian International Science Festival 2021.

Details of International Conferences/Workshops/ Webinars organized

Publications: NIL

Papers presented in Conferences/Seminars/Workshops: NIL

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Nil	Nil	1. Lectures conducted on career awareness for the students of Govt. High Schools. The program was a collaborative initiative between Adhyayan Foundation, Antarang Foundation, CII, supported by CIPLA, and Directorate of Education SCERT Goa. 2. Delivered lecture on Vermi composting at Science Film Festival of India 2022.

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: NIL

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.56 Kala Academy Goa's College of Theatre Arts, Campal, Panaji

Year of Establishment: 2018

College Address: Kala Academy Goa, Campal, Panaji-Goa

Principal's Details:

Name: Ramrao Wagh, Officiating Principal

Contact No: 0832-2420451/52/53/54

Email: collegeoftheatrearts.ka@gmail.com

College website: <https://kagcta.ac.in>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not Applicable

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	Total
Bachelor of Performing Arts in Theatre	30	120	87	79

Research Centre, If any: NIL/NA

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 02

Any new course(s) started: NIL/NA

Faculty strength: Teachers – 05, Non-Teaching Staff - 11

Achievements of the College:

- Department of Physical Education and Sports and Internal Quality Assurance Cell of Kala Academy Goa's College of Theatre Arts organized their first session on "Yoga from home amid Covid-19 pandemic" to celebrate 7th International Yoga Day using Google meet platform on 21st June 2021.
- Kala Academy Goa's College of Theatre Arts initiated a "Swaccha Goa Swaccha Neura" campaign in collaboration with Neura village panchayat under the "Mission Clean Goa" initiative started by Sanjeevan Society for Youth development in association with Directorate of Higher Education held on 08th September 2021. On the occasion "Nirmalya" workshop instructing usage for waste of disposable pooja item was taken by Mrs. Apurva Sawant, Asstt. Professor in EVS.
- Kala Academy Goa's College of Theatre Arts inaugurated 163rd Red Ribbon Club Awareness Training on HIV/AIDS initiated by Goa State AIDS Control Society, Panaji-Goa on 28th July 2021.
- Kala Academy Goa's College of Theatre Arts student bagged first place at All Goa Street Play competition organized by Goa State AIDS Control Society to mark the occasion of International Youth Day on 12th August 2021.
- Kala Academy Goa's College of Theatre Arts organized a programme on 09th October 2021 to

mark the occasion of “World Mental Health Day” which is celebrated on 10th October globally.

- To celebrate Fit India Movement 2021 on occasion of the National Sports Day, Department of Physical Education and sports and IQAC cell of the college had organized “Step Up into Challenge Run/Walk” for staff members and the students for 21 days from 10th September 2021 to 30th September 2021. The winner of the challenge was Mr. Ajay Fondekar, student of Final Year of BPAT.
- Kala Academy Goa’s College of Theatre Arts students bagged first place at “One Minute Video Competition 2021” held in the phase II of the New India @75 Campaign on HIV, BD & TB organized by Goa State AIDS Control Society.
- An event was organized on the occasion of World AIDS Day on 1st December 2021 by National AIDS Control Organisation (NACO) at Dr. B R Ambedkar International Center in New Delhi with the theme of “End Inequalities, End AIDS”. Our college Miss Tanashri Rane, student and Miss Chaitali Gawas, College Councillor have attended the National Level event at Delhi.
- Kala Academy Goa’s College of Theatre Arts students bagged first place at “Short Film Competition on HIV/AIDS Awareness” organized by Goa State AIDS Control Society, Panaji in December 2021.
- On occasion of Birth Anniversary of Dr. S.R. Ranganathan, “National Librarian’s Day” was observed in our college on 12th August 2022. Book Review and Bookmark Competition was organized on the day. First place was begged by Miss Shefali Naik for Book Review Competition and Miss Mamata Jaiswar for Bookmark Competition.
- Department of Physical Education and sports had organized an Intramural Chess Tournament on 28th & 29th April 2022 in our college. Mr. Runal Kolkankar was the winner of the tournament followed by Mr. Adarsh Govekar in second place.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022.

(Include only research projects of minimum Rs One lakh): NIL

Conferences/Workshops Organized (Nos. only)

State Level: Webinar on understanding Theatre from oriental Countries with a focus on Japan/China held on 06th December 2021.

Details of International Conferences/Workshops/ Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	--	1	--	1
Total	--	1	--	1

Papers presented in Conferences/Seminars/Workshops: NIL**Invited Lectures given by the faculty:**

Mr. Vishnupad Barve, Asstt. Professor in Acting and Direction

1. Lecture delivered on "Badal sircar and the 'Third theatre'- a retrospect!" at Canacona Goa in May 2022 as a part of the National theatre festival organised by Flamingo Theatre
2. Drama workshop for children on 11th and 13th May 2022 at Gaunem, Bandora Ponda Goa

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 2

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

5B.57 Dnyanvardhini Divyang Training College, Murmugao

Year of Establishment: 2020

College Address: Dnyanvardhini Divyang Training College, Sanjay Centre For Special Education,
Near Ganesh Temple, Bogda , Murmugao-Goa-403804

Email: ddtc.co.in@gmail.com

Principal's Details: At present no Principal.

Officiating Principal Details:

Name: Dr.gargiP.Sinha

Contact No: 9765362996

Email: principaldtcb20@gmail.com, sinharoygargi@gmail.com,
prin.ddte@unigoa.ac.in

College Website: <https://www.ddtc.co.in>

Facebook: <https://www.facebook.com/ddtc.goa/>

NAAC Accreditation Status: Yet to be eligible for accreditation.

Courses offered, sanctioned and filled strength:

Courses Offered	Sanctioned strength	filled strength
B. Ed .Special Education(ID/MR)	20	18

Faculty Strength: (20-21): 1 (Contractual Basis)

Conferences /Workshop Organised:

State level: 01- One Day In Service Training for Special Educators on NEP 20 in collaboration with Samagrik Shiksha Abhiyan (SSA)

Publications:

Publications	Cat-I	Cat -II	Cat -III	Total
	Scopus, Web of Science, ICI Indexed Journals	UGC Recognised	ISSN	
1.Research Papers in journals	--	1	--	1
	Foreign Publisher	Indian Publisher	Local Publisher	
II.Books/Edited Books	--	--	--	--
a. Research papers in Edited Books	--	2	--	2
Total	--	3	--	3

Papers presented in conferences/Seminars /Workshops:

Abroad	Within India	Within Goa
--	Two Day National Conference (CRE status) on “ <i>Vision 2021: A New Look towards Diversity & Inclusion</i> ” 4 th & 5 th December, 2021 at the Virtual Platform	--

Invited lectures given by the Faculty:

Abroad	Within India	Within Goa
		"Equity and inclusion in school new education policy 2020" Talk on 30 th Nov 2021 to all BRCs and CRPs of Goa as requested by State Project Director, GOA SAMAGRA SHIKSHA

Teachers who obtained research degree this year: NIL**No. of Teachers pursuing PhD: NA** (single faculty with Ph.D present)**Awards: NIL****Achievements of Students:**

Even though it was a single faculty college that year with no administrative department, student teachers of F.Y. B.Ed. Spl. successfully organised an Exhibition titled “I CAN” at MES College .The products sold were prepared by the students of Sanjay Centre For Special Education, Bogda under the guidance of student teachers of Dnyanvardhini Divyang training College. This greatly helped in increasing awareness of general public towards the abilities of population with special needs, empowered students of Sanjay Centre, helped their parents in increasing their belief in their own children and for our student teachers , it was a great moment of pride.

5B.58 Kamaxi College of Culinary Arts, Verna.**Year of Establishment:** 2020**College Address:** Plot No U-1, Phase No 1 A, Verna Industrial Estate, Salcete , Goa 403722**Principal’s Details:****Name:** Mr. S.T. Vinodkumar, Principal**Contact No:** 832 6626363 / 90256 08010**Email:** principal@kamaxicollege.edu.in**Website:** www.kamaxicollege.edu.in**NAAC accreditation status: NA**

Courses offered, sanctioned and filled strength:

Courses	Sanctioned strength	Filled strength
B.Voc in Culinary Management	33	30

Any new courses started: NIL**Faculty Strength: 08****No. of Teachers pursuing PhD: 01****Research Center, If any: NA****Achievements of the college:**

- Chef Patrick Albert Maitres Cuisiniers De France heads the culinary department.
- FIERCE KITCHEN – Our incubation center. Kamaxi College of Culinary Arts (KCCA) and the Atal Incubation Centre at Goa Institute of Management (AIC GIM) bring industry leaders and startups on the same platform to feed off each other’s experience, talents, innovation and creativity.
- MoU with Tourism Hospitality & Skill Council (THSC) for Skill assessments & certification.
- All core trainers are members of the Goa Culinary Forum.
- All students were successfully placed for internships in 5 star hotels across the country.

5B.59 J. D. Institute of Fashion Technology, Panaji**Year of Establishment:** Affiliated in 2019, and established in the year 1988**College Address:** JD Institute of Fashion Technology, Mushtifund Saunsta, Near Mahalaxmi Temple, Dr Dada Vaidya Road, Panjim Goa – 403001**Principal’s Details:****Name:** Babu Rajendra Prasad R**Contact No:** 9845653000**Email:** principal@jdinstitute.edu.in**College website:** <https://www.jdinstitute.edu.in/>**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NIL****Courses offered, sanctioned, and filled strength: BSc Honour’s (Fashion & Apparel Design) & BSc. Honour’s**

Course Offered	Sanctioned Strength		Filled Strength	
	Entry Level	Total	EntryLevel	Total
BSc Fashion & Apparel Design	Higher Secondary	40	Higher Secondary	12

BSc Interior Design	Higher Secondary	40	Higher Secondary	12
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Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

Any new course(s) started: NONE

Faculty strength: 10

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/ Completed between June 2021 and May 2022. (Include only research projects of a minimum of Rs. one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	--	01	--	01
	International	National	Local	Total
III. Research papers in Conference/ E-Conference Proceedings	--	02	--	02
Total	--	03	--	03

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	02	--

Invited Lectures are given by the faculty: NIL

Teachers who obtained research degrees during the year: NIL

No. of Teachers pursuing Ph.D.: 02

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Shweta Mariyappanavar	Women Scientist Award	Udayana University Kampus Bukit Jimbaran, Bail, Indonesia & Scientific & Educational Research Society, Meerut (UP). Dated: 9 th & 10 October 2021

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in table 18) at the National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Fashion volunteers during the finale of the India beauty pageant “First Miss India 2021” scheduled at Hotel Novatel South Goa from 28th to 30th October 2021.
- Educational Partner - Aura Miss. Mrs. Mr. India 2021 & Aura Fashion Week in Goa held from 14th to 17th November 2021.
- Fashion volunteers at Triumph, the international lingerie brand, organized a fashion show on 21st April 2022 at Park Regis, Arpora, Goa

5B.60 Goa Medical College, Bambolim

Year of Establishment: 1842

College Address: Goa Medical College & Hospital, Bambolim-Goa.

Principal's Details:

Name: Professor Dr. Shivanand M. Bandekar

Contact No: 9420920890

Email: dean-gmc.goa@gov.in

College website:

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NA

Research Centre, If any: NIL

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: NIL

I. Data of Department of Microbiology is follows below:

Faculty strength = 9

II. Data of Department of Pharmacology is follows below:

Faculty strength = 8

Professor and Head : Dr. Padmanabh Rataboli

Associate Professor : Dr. Sunita Desa

: Dr. Ian Pereira

Assistant Professor : Dr. Yogeeta SC Walke

Lecturer : Dr. Ulhas Chandelkar

: Dr. Lois James Samuel

Tutor/Demonstrator : Dr. Amey Kamat

: Dr. Laveena Bandonkar.

Conferences/Workshops Organized (Nos. only) = 1

State Level: 1

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	9	--	--	9
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	--	--	--	--
a. Books	1	--	--	1
Total	10	--	--	10

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NA	NA	Dr Amey Kamat was invited as Guest faculty Pharmacovigilance at Ophthalmology society of Goa in April 2022. And At Pharmacy College in October 2022 to speak On anticoagulants.

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. P. V. Rataboli	Life time dedication award	Int PCON December 2022

III. Data of Department of Forensic Medicine is follows below:

Faculty strength = 8

Professor and Head	: Dr. Andre V. Fernandes
Associate Professor Ghodkirekar	: Dr. Madhu S.G.
	: Dr. Mandar P. Kantik
Assistant Professor	: Dr. Pannag S. Kumar
Lecturer	: Dr. Ankush Patil
	: Dr. Sunil Chimbolkar
Assistant Lecturer	: Dr. Girish S. Kamat
Assistant Lecturer	: Dr. Chetan Lavu Karekar
Assistant Lecturer Mesquita	: Dr. Sheryl Suares
Tutor/Demonstrator	: Dr. Milind M. Gudyekar
Assistant Lecturer	: Dr. Ajith Antony
Assistant Lecturer	: Dr. Sheryl Suares Mesquita
Jr. Consultant	: Dr. Anup Chandran.
Jr. Consultant	: Dr. Bharat Sreekumar
Jr. Resident	: Dr. Parvathy R.
Jr. Resident	: Dr. Gokikar Vamshi Raja
Jr. Resident	: Dr. Swapnil Jaware
Jr. Resident	: Dr. Sreyas R. Naik
Jr. Resident	: Dr. Anjana Babu T.
Jr. Resident	: Dr. Navina Lakshmi
Jr. Resident	: Dr. Arunkumar S.

Administrative staff)

Name	Designation
Pandurang Naik	Supervisor
Roque L. D'Souza	U.D.C.
Shankar Satelkar	Senior Technician
Machindranath Jalmi	Junior Technician
Narayan Gawade	Junior Technician
Harichandra Naik	Lab Assistant
Prakash Narvekar	MTS
Shankar Nageri	MTS
Kanta Kale	MTS
Premnath Fatarpekar	MTS (Contract)
Govinda Amonkar	MTS (Contract)
Geeta Rane	MTS (Contract)
Ashish Kuttikar	MTS (Contract)
Riyaz Khan	MTS (Contract)
Shyam Sawant	MTS

Conferences/ workshop/ CME / publications: NIL

Publications:

1. Published article on an epidemiological survey of fatal Railway Track Accident cases in Goa region in Journal of Forensic Medicine & Toxicology Dr. Milind Gudyekar, Dr. Andre Fernandes, Dr. Sunil Chimbolkar and Dr. Chetan Karekar.
2. Published article as Medico Legal study of “Fatal Poisoning cases at Tertiary Care Hospital” in Journal Of Karnataka Medical Legal Society. Dr.Milind Gudyekar, Dr. Chetan Karekar, Dr. Mandar Kantak
3. Fatal adult onset diaphragmatic hernia in the context of the COVID-19 pandemic. By Dr. Ajith Antony, Dr. Sheryl Soares, Dr Andre Fernandes Year March 2022 (Universidade de Sao Paulo).
4. Medico Legal Study of fatal poisoning cases brought in Tertiary Care Hospital. By Dr. Anup chandran Dr. Chetan Karekar, Dr. Sheryl Soares, Dr. Andre Fernandes.
5. Dr. Chetan Lavu Karekar, Dr. Sherryl Soares attended awareness programme on Anti Human Trafficking on 14/3/2023 organised by office of Superintendent of Police, Anti Human Trafficking unit, Panaji Goa held at Institute of Menezes Braganza Hall, Panaji Goa.
6. Dr. Ajith Antony, Dr. Sheryl Soares, Dr Andre Fernandes An unusual death in an unattended child due to accidental hanging “A case report in Journal of KAMLS 2021:30 (2) 32-6)
7. Dr. Ajith Antony, Dr. Sheryl Soares, Dr Andre Fernandes- A Descriptive study on Ecstasy related death in a tertiary care centre in Goa: JIST 2021 2021:17:1
8. Dr. Ajith Antony Podium presentation on Forensic Medicine – Fiction versus Reality in IAFM-Golden Jubilee Conference, Aug. 2022
9. Dr. Pannag S. Kumar authored a book titled “Pictorial Forensic Pathology & Toxicology– A Colour Atlas” (published by I P Innovative Publication Pvt. Ltd., New Delhi) with photo contributions from late Dr. J M Sharma – Ex- HOD, Deptt. of Forensic Medicine & Toxicology, Goa Medical College; late Dr. M S Usgaonkar –Ex-HOD, FMT, GMC; Dr. B N Reddy – Ex-Dean and Ex- HOD, FMT, GMC; Dr. Silvano C. A. Dias Sapeco - Ex- HOD, FMT, GMC; Dr. Andre V. Fernandes - current Professor & Head, FMT, GMC; Dr. Girish S Kamat – Assistant Lecturer, FMT, GMC; Benhail Antao – noted Wildlife rescuer and conservator and Honorary Wildlife Warden. The book was released at a function at GMC Auditorium on 8th March 2022 at the hands of the Chief Guest Dr. Indradev Shukla (IPS) – the then Hon’ble Director General of Goa Police, Guest of Honour - Shri Desmond D’Costa – Former Principal District and Sessions Judge, Goa, and present member of Goa State Human Rights Commission; Guest of Honour – Smt. Theodolinda Sarojini

Sardinha – Hon’ble Director of Prosecution, Goa State; in the distinguished presence of the Dean, Dr. Shivanand M. Bandekar.

10. Dr. Pannag S. Kumar attended the 43rd Golden Jubilee Annual Conference of the Indian Academy of Forensic Medicine (IAFM) at Sanjay Gandhi Post-Graduate Institute of Medical Sciences, Lucknow, Uttar Pradesh from 29th April to 1st May 2022 and presented a commemorative speech in honour of late Dr. J M Sharma, former Head of Forensic Medicine, GMC and founding General Secretary of the IAFM. Dr. Pannag also presented the Colour Atlas Book authored by himself during the commemorative speech.
11. Dr. Anup Chandran, Dr. Chetan Karekar, Dr. Sheryl Soares & Dr. Andre Fernandes published a paper in Journal of Indian society of Toxicology on medico legal study of fatal poisoning cases brought to tertiary care hospital-year 2021;17 (2): 5-11.
12. Dr. Bharat Sreekumar, Dr. Pannag S. Kumar, Dr. Sheryl Soares & Dr. Andre Fernandes presented on Two year retrospective survey of drowning deaths in the state of Goa at journal of IAFM 2021 Oct-Dec; 43(4): 337-339.
13. Dr. Ankush B. Patil secured first place in badminton at All Goa Masters Badminton ranking tournament, Ponda, year 2022.
14. Dr. Ankush B. Patil secured first place in badminton and third place in Table Tennis at All India National Level Doctor’s racquet sports 2022.

180 students appeared for 3rd Phase MBBS Part-I Goa University examinations and all 180 students passed.

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

IV. Data of Department of ENT is follows below:

- Dr. Radhika Shetgaunkar: MRCS ENT (Glasgow) February 2022.

V. Data of Department of Community Medicine is follows below:

Faculty strength = 16

Professor and Head	: 1
Associate Professor :	: 1
Associate Professor (Demography/Statistics):	: 1
Assistant Professor	: 1
Lecturer	: 4

Tutor/Demonstrator (regular) : 4

Tutor/Demonstrator (Contract/Bond) : 4

Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh):

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. in Lakhs)	Specify whether sanctioned/ completed with date
1	Dr. Anginaini Shah Dr. Bhargav Desai Dr. Keyur Bhandodkar Dr. Dipashree Talaulikar Dr. Anar Khandeparkar Dr. Jagadish Cacodcar	A cross sectional study on Factors associated with patients being MIS 3 on ART registered at a nodal centre at Goa Medical College	IEC Obtained In 2021	GSACS/ NACO	1Lakh	Ongoing
2	Dr. Amit Dias Dr. Manisha Kankonkar Dr. Rajat Sawant	GSACS Operational Research on Testing hesitancy	IEC obtained in June 2021	GSACS/ NACO	1 Lakh	ongoing
3	Dr. Amit Dias Dr. Ankush Desai	ICMR-INDIAB study prevalence of diabetes	IEC Obtained June 2021	ICMR	55 Lakhs	Ongoing
4	Dr. Umesh Kamat	Community Behaviour and its determinant in relation to Malaria Prevention and Control in Goa-ICMR	IEC Obtained in April 2021	ICMR	22.44 Lakhs	Ongoing

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
2021	5	16	--	21
2022	5	8	--	13

Papers presented in Conferences/Seminars/Workshops: Department of Physiology:

Abroad	Within India	Within Goa
NIL	2 (Dr. Hemangini)+ 2 (Dr. Amit) Total: 4	2 (Dr Amit) Total: 2

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NIL	1 (Dr. Hemangini) Total: 1	12 (Dr. Jagadish) 6 (Dr. Amit) 6 (Dr. Umesh) Total: 24

VI. Data of Department of ophthalmology is follows below:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	3	--	--	3

VII. Data of Department of General Surgery is follows below:

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Accredited

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MBBS	150	150
MS (General Surgery)	06	06

Faculty strength = 28

Professor: 2

Associate Professor: 6

Assistant Professor: 2

Lecturer: 8

Senior Resident: 10

Conferences/Workshops Organized (Nos. only) = 2

State Level: 2

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	04	--	--	04

VIII. Data of Department of Obstetrics & Gynaecology is follows below:**Courses offered, sanctioned and filled strength:**

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MS OBG	6	6 (1 Resigned)

Faculty strength = 9

Professor and Head: 1

Associate Professor: 3

Assistant Professor: 3

Lecturer: 2

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
	Foreign Publisher	Indian Publisher	Local Publisher	Total
I. Books/Edited Books				
a. Books	1	--	--	1
	International	National	Local	Total
I. Research papers in Conference Proceedings	--	17	--	17
Total	1	17	--	18

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
		<ol style="list-style-type: none">1. Jui Workshop – Dr. Muriel Cardoso2. Workshop Goa Lapcon 2.0 – Dr. Ankita Borkar3. Fetal Medicine & Ultrasound Workshop – Dr. Ankita Borkar

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
		Masterclass On Endometrosis (Isar) – Dr. Deepa Karmali

IX. Data of Department of Community Medicine is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MD(Pediatrics)	7	7

Conferences/Workshops Organized (Nos. only) = 1

National Level: 2

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	1	--	--	1
	International	National	Local	Total
II. Research papers in Conference Proceedings	2	5	--	7
Total	3	5	--	8

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
1	1	0
1	1	0

Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/ Webinars organized

Publications: Department of Anatomy

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	3	--	--	3
Total	3	--	--	3

Publications: Department of Physiology

	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	2	--	--	2
Total	2	--	--	2

Papers presented in Conferences/Seminars/Workshops: Department of Physiology

Abroad	Within India	Within Goa
NIL	1	NIL

Invited Lectures given by the faculty: NIL

Teachers who obtained research degree during the year:

No. of Teachers pursuing Ph.D.:

Awards: NIL

Sports Achievements of Students: (Note: Specify only number): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): NIL

X. Data required for Annual Report 2021-22 (June 2021 to May 2022) from the Department of Biochemistry is NIL.

XI. Data required for Annual Report 2021-22 (June 2021 to May 2022) from the Department of Pathology is NIL.

XII. Data of Department of Anesthesia is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MD Anesthesiology	10	10
BSc. Anesthesia Technology	22	22

Faculty strength = 7

Publications

Publications	Cat-I Scopus, Web of Science, ICI Indeed journals	Cat-II UGC Recognized	Cat-III ISSN	Total
Research papers in Journals	1	--	--	1
Total	1	--	--	1

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
4	2	2

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

4 papers of Department of Anaesthesiology were selected for e poster presentation (virtual) at the 17th World Congress of Anaesthesiologists held from 1st to 5th September 2021, at Prague. The first 3 were selected among the best 200 posters for moderated poster session. All 4 of the above abstracts are published in the abstract book Anaesthesia & Analgesia September 2021. Volume 133. Issue 3. Supplement 2

XIII. Data of Department of orthopedic is follows below:

Conferences/Workshops Organized (Nos. only)

State Level: 4

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	3	NIL	NIL	3

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NIL	3	6

XIV. Data of Department of Skin and VD is follows below:

Professor	: Dr. Pankaj shukla
Associate Professor	: Dr. Rakhi Ghodge
Assistant Professor	: Dr. Varadraj Pai
	: Dr. Prachi Bhandare
Senior Resident	: Dr. Elreema Fernandes
	: Dr.Ravina Naik (Resigned in feb.2023)
	: Dr.Amrutha Solanke
	: Dr.Siya Ballikar
Jr. Resident	: Dr. Vivek M.G
	: Dr. Ashwathy P.S.
	: Dr.Nayana Thara
	: Dr.Aditi Joshi
	: Dr.Zenia Deepak Kerkar
	: Dr.Raghuvir Alias Tanmay
	: Dr.Akshay Kadakol
	: Dr. Tejas Naik
	: Dr.Blessy George
	: Dr.Umamaheshwar Reddy
	: Dr.Yashaswini M.
	: Dr.Priti Sharma
	: Dr.Rupali Thokal
	: Dr.Yasmeen Nadaf
	: Dr.Sumina Jaleel
	: Dr.Abhi S.Kumar

Conferences/Workshops Organized

- A. Dr.Prachi Bhandare Resource person for SCD/SCI training conducted by state family welfare bureau at lecture hall in state instate of health & family welfare Mapusa

Training for medical officers Supported by AIDS control society on 11/03/2020-9:30 am Till 4:30pm.

B. Online training to 162 RRC club & 4 participants from each RCC NSS program office 2 student education. HIV prevention STI & Sigma/documentation Speaker- Dr.Prachi Bhandare-9.30 11.30 am

C. September 21 Dr.V.Pai & Dr.Prachi Bhandare conducted online classes for Goa SACS for Lectures on Sti/RTI prevention December 21 All consultants & Post graduates attended CUTICON Goa held in Margao in Dec. 2021. Papers and poster were presented by the postgraduates.

Research projects

1. Dr. Sneha S.Naik Endocrine profile in adult females with acne. Dr.Suhail Ahmed- A Descriptive study on entomodermoscopy and its correlation with clinical diagnosis at tertiary care centre.
2. Dr. Aditi Joshi-Evaluation of efficient of Chicago sky Blue stain and Dermoscopy in the Diagnosis of dermatomycosis.
3. Dr. Aswathy P.S- Cross Sectional study of skin ageing in Indian population Attending a tertiary care centre.
4. Dr.Nayanathara G.S- A cross sectional study of Trichoscopy in patients with patchy Alopecia in a tertiary care centre in Goa.
5. Dr.Zenia Kerkar- Clinico-epidemiological study on palmoplantar Dermatitis
6. Dr. Kane Raghuvir Alias Tanmay- metabolic Syndrome in Androgenetic Alopecia in Tertiary care centre in Goa.
7. Dr. Vivek M.G-Cutaneous manifestations in chornic Renal Failure a hospital based Study. Dr. Varadraj Pai lecture to medical office at Azilo mapusa on sexually transmitted Disease.
8. Dr.Varadraj Pai/ Dr.Prachi Bhandare gave lecture for school teacher on HIV/STD as part of NACO programme,
9. Lecture on Adolescence Education programme organized by GSACS in collaboration SCERT, Porvorim.
10. Consultants & Post graduates attended CUTICON Goa held in Panjim..
11. Dr.Amruta attendended National conference of IADVL DERMACON held at Mumbai.

XV. Data of Department of Radio Diagnosis is follows below:

Faculty strength = 8

Professor and Head	: Dr. Sanjay G. Sardesai
Associate Professor	: Dr. Renny Furtado
	: Dr. Yasmin Fernandes
	: Dr. Ambika Juwarkar
Assistant Professor	: Dr. Pawan kumar (contract)
Lecturer	: Dr. Swamini Panandikar
	: Dr. Sweta Pereira

: Dr. Civona Gomes
 : Dr. Nilkanth Pal (contract)

Conferences/

Wokshop

State Level: 01

Publications:- 2022

Sr.No	Name of the authors	Title of Article	Name of the journal	Yr/volume
1	Glory Katiyar, Yasmin Fernandes, Shikha Lawande, Pawan Kumar	A rare case of hepatic ectopic pregnancy	Egyptian Journal of radiology and Nuclear Medicine	2022Vol 51
2	SwaminiPana ndiker, VisarLinyu, Yasmin Fernandes	A case of ARPKD with coexistent hyperhomocysteinemia	Indian journal of Medical Case Reports	2022 Vol 11
3	Ankush Ankush, SanjaySardessai	Role of MRSI Major Metabolite Ratios in Differentiating between intracranial ringenhancing Neoplastic and non-neoplastic lesions, High grade Gliomas and Metastases and High grade and Low grade Gliomas.	Cureus	2022, 14

Papers presented in conference 2021 and 2022:

Sr.	Topic	Conference	
1	A case report on neurotoxoplasmosis in a seropositive patient	MRI teaching course2021	Dr. Saheel Dessal
2	A case report on Radiological Manifestations of meliodosis	CT Buzz 2021	Dr. Shikha Lawande
3	A case of mycotic aneurysm	CT Buzz 2021	Dr. Prathamesh Naik
4	A case report on primary CNS lymphoma	MRI teaching course 2022	Dr. Prithviraj dessai
5	A case report of multifocal primary glioblastoma in a young patient.	MRI teaching course 2022	Dr. Marizella Carvalho

6	A case report on Dandy walker variant with associated occipital meningocele & Joubart syndrome	MRI teaching course 2022	Dr. Bhavani H.G
7	A case report on Thrombus of Azygous anterior cerebral Artery.	MRI teaching course 2022	Dr. Saumya Ranian
8.	Cardiac MRI in Fusmer Pericarditris	MRI teaching course 2022	Dr. Kirthi Yadav

XVI. Data of Department of IPHB is follows below:

The NAAC accreditation Status (whether accredited, score and Grade Accreditation round): NAAC Accreditation is not yet done

Courses offered, sanctioned and filled strength: BA, BSc, MSc (Chemistry)

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MD Psychiatry	8	7

Faculty strength = 7

Sr. No	Course	Faculty Strength
1	MD Psychiatry	7

1 Faculty member is on Extra Ordinary Leave for Two year.

Achievements of the Psychiatry Department (IPHB):

Training of Medical Officer & Counselors on Covid-19 & Mental health Directorate of Health Services on 03/06/2021.

Faculties and residents participated in camp “Administration at your Doorstep” organize by Government of Goa at.10/05/2022

Netravali Sanguem	10/05/2021
Curchorem	13/11/2021
Aldona Goa	14/11/2021
Ponda	19/11/2021
Valpoi	28/11/2021
Dona Paula	31/10/2021
Sankhali	10/10/2021
Cuncoim	03/10/2021

Dr. Mary C. D’Souza, Associate Professor, IPHB was resource person for online training program of National training of trainers on 03/09/2021 to 04/09/2021 on the subject “Mental Health and Neurological and substance use disorder” conducted by National Health System

Resource centre, New Delhi.

Mental Health awareness program were conducted during mental health. Week celebration at following places:

Agassaim Village Panchayat	11/10/2021
Curca village panchayat	12/10/2021
Khorlim PHC	12/10/2021
Carambolim Village Panchayat	13/10/2021
Goa Velha Village Panchayat	14/10/2021
Mandur Village Panchayat	16/10/2021
Village Panchayat, Curti Ponda Goa	17/10/2021

Dr. Gaurav Haldankar, Senior Resident, IPHB gave talk on Mental Awareness in the awareness program organized by Tiswadi Taluka Legal Service committee, Panaji on 11/10/2021.

Dr. Mary C. D'Souza, Associate Professor, IPHB participated as resource person for online program on Mental Health organized by Principal, Don Bosco, Higher Secondary School, Panaji Goa.

Dr. Mary C. D'Souza, Associate Professor, IPHB imparted lecture to students of Secondary students of Don Bosco, High School, Panaji Goa.

Dr. Ashish Srivastava, Asst. Professor, Psychiatry, participated in Panel discussion on Mental Health organized by Doordarshan, Panaji Goa.

Dr. Ashish Srivastava, Asst. Professor was the resource person for the webinar on "Asylum and communities in early modern India organized by the NIMHANS Heritage Museum, NIMHANS on 30th November 2021."

Faculties of Psychiatry have published research paper in national & international journals.

Training of Medical Officer of Directorate of Health Services on diagnosis & treatment of Common Mental Health disorder on 10/03/2022 & 15/03/2022 at IPHB.

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	03	--	--	03
	Foreign Publisher	Indian Publisher	Local Publisher	Total
I. Books/Edited Books	--	--	--	--
a. Research papers in Edited Books	--	01	--	01
b. Books	--	--	--	--

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--	2	--

XVII. Data of Department of Endocrinology is follows below:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	3	NIL	NIL	3

XVIII. Data required for Annual Report 2021-22 (June 2021 to May 2022) from the Department of Paediatric Surgery is NIL.**XIX. Data of Department of Medical Oncology is follows below:****Faculty Strength-**

Chief Consultant and Head of Department – 1

Sponsored Research Projects – NIL

Conferences/Workshops Organized (Nos. only) =
State Level: 03

Publications: NIL

Papers presented in conferences – NIL

Invited Lectures given by the faculty-

- Within India- 1
- Within Goa-2

Awards-NIL

Sports Achievements – NIL

XX. Data of Department of Cardiovascular and Thoracic Surgery is follows below:

Research Centre, If any: NO

No. of Candidates, subject wise, registered for Ph.D under the Research Center: 02

Any new course(s) started: - Mch – CVTS (02 seats)

Faculty strength: -03 (01 professor, 01 Associate Professor, 01 Assistant Professor)

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	Drug Utilisation Pattern at the Cardiac Surgical Out-Patient Clinic in : Tertiary Care Hospital at Goa Medical College.” Jagannath Kolwalkar, Dhanya Jose, Shirish Borkar, Vijay Madhan, P.V. Rataboli, Jagdish A. Cacodkar, Nitin Y. Dhupdale. Submitted: 04.07.2021 Accepted: 17.10.2021 Published: 22.04.2022 Journal of the Scientific Society published by Wolters Kluwes Medknow	NIL	NIL	3

XXI. Data of Department of Cardiology is follows below:

Research Centre, If any: NIL

No. of Candidates, subject wise, registered for Ph.D under the Research Center: NIL

Any new course(s) started: - DM Cardiology starting with academic year 2021-22; 2 Students/year, first two candidates joined in April 2022.

Faculty strength: -7

Sr.no	Name	Designation	Contract period
1	Dr. Michelle Viegas	Associate Professor	5 Year contract
2	Dr. Amar Prabhudesai	Associate Professor	5 Year contract
3	Dr. Pankajam Vaidya	Assistant Professor	5 Year contract
4	Dr. Joel Quadros	Assistant Professor	5 Year contract
5	Dr. Venkatesh Malali	Assistant Professor	5 Year contract
6	Dr. Aditya Mulgaonkar	Junior Consultant	5 Year contract
7	Dr. Sandesh Naik	Senior Resident	5 Year contract

Conferences/Workshops Organized (Nos. only) = 2

National Level: Pediatric Cardiac Surgical Workshop

State Level: ACLS Workshop

Details of International Conferences/Workshops/Webinars organized Publications:**Publications**

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	Cardiac Implantable Electronic Devices: Indications, Risk Factors And Complications In A Tertiary Care Centre In Goa Joel Quadros Piedade, Kumar Kenchetty, Amar Prabhudesai, Warren Fernandes, Guruprasad Naik – Journal of Cardiovascular Disease Research VOL 13, ISSUE 01, 2022 pgs 1685-92.			1
	Foreign Publisher	Indian Publisher	Local Publisher	Total
I. Books/Edited Books	NA	NA	NA	NA
a. Research papers in Edited Books	NA	NA	NA	NA
b. Books	Manual of Heart Failure Management – Harikrishnan S – Japjee Brothers Medical Publishing Published November 02, 2021 Chapter 59 – Medication adherence in heart failure – by Dr. Guruprasad D. Naik.	NA	NA	1
Total	2	--	--	2

XXII. Data of Department of Cardiac Anesthesia is follows below:**Research Centre, If any: NIL**

No. of Candidates, subject wise, registered for Ph.D under the Research Center: 02,DM Cardiac Anesthesia

Any new course(s) started: - DM Cardiac Anesthesia.

Faculty strength: 03

XXIII. Data of Department of Plastic of Surgery and Burns is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MCh (Plastic Surgery)	1	1

Faculty strength

Professor and Head: Dr. Yuri Dias-Amborcar

Associate Professor: Dr. Rashmin Roy

Assistant Professor: Dr. Venkatesh Sawant, Dr. Ritam Ramkrishna Naique Dessai

Honorary Consultant: Dr. Rajiv Usgaocar

Tutor/Demonstrator (Burns): Dr. Shital Parab, Dr. Rohit Ajgaonkar , Dr. Libia Faria, Dr. Varsha G. Signapurkar

Tutor/Demonstrator): Dr. Pretty Gomes (Plastic Surgery)

XXIV. Data of Department of Nephrology and Burns is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
DM Nephrology	2	2

Research Centre, If any: Nil

No. of Candidates, subject wise, registered for Ph.D under the Research Center:

NilAny new course(s) started: DM Nephrology

Faculty strength-2

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NA	1	1

XXV. Data for Annual Report 2021-22 (June 2021 to May 2022) from the Department of Neurology is NIL.

XXVI. Data for Annual Report 2021-22 (June 2021 to May 2022) from the Department of General Medicine is NIL.

XXVII. Data of Department of Urology is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
M.Ch. Genitourinary Surgery (Urology)	2	2

Research Centre, If any: Nil

No. of Candidates, subject wise, registered for Ph.D under the Research Center: Nil Any new course(s) started: M.Ch. Genitourinary Surgery (Urology)

Faculty strength-06

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
NIL	05	04

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Veku Gaude	Third prize for paper titled "Emphysematous Pyelonephritis and its management"	XXXIII GIMACON (Annual Goa State IMA conference) held at Goa on 13 &14 November 2021.

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- Dr. Prashant T.N. Mandrekar was a Reviewer for “Saudi Journal of Kidney Diseases and Transplantation” for a manuscript titled “Recurrent and extensive idiopathic granulomatous ureteritis: a localized hyperimmune disease with genetic predisposition.”
- Dr. Rajesh G. Halarnakar was a Reviewer for “Saudi Journal of Kidney Diseases and Transplantation” for a manuscript titled “Management of foreign bodies in the urinary tract.”

XXVIII. Data of Department of Neurosurgery is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
M.Ch. (Neurosurgery)3 years post M.S. programme	2	2

Faculty strength: 05

XXIX. Data of Department of Geriatric is follows below:

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level Total
MD Geriatric Medicine	2	NIL

No. of Candidates, subject wise, registered for Ph.D under the Research Center: Nil

Any new course(s) started: MD Geriatric Medicine.

Faculty strength: 01= Consultant : 01 = HOD

**Details of International Conferences/Workshops/Webinars organized
Publications:IN INDIAN JOURNAL OF GERIATRIC CANT.**

XXX. Data of Department of Blood Bank is follows below:

- Allo-Immune Hemolysis Due To Multiple Red Cell Antibodies in Rhesus DPositive Pregnancy: Lessons to be Learnt.
- Daratumumab Interference in Compatibility Testing & Methods To ResolveThe interference In Blood Compatibility Testing: Experience Learnt From ACase
- A case report of Hemolytic Disease of Newborn due to Anti-c antibody.

- Quality Assessment Of Platelet Concentrate Prepared By Platelet Rich Plasma Method
- Seroprevalence of Transfusion Transmitted Infections In A Tertiary Care Center-A Five Year Study.

Faculty strength: 03 nos. (2 Regular & 1 contract).

Details of International Conferences/Workshops/Webinars organized Publications:

Sr.No	Name of the Author	Title of the Article	Name of the Journal	Year/Vol Number, Page Number	Whether the journal Index with Scopus	No of Citation
1	Jain R, Mallya MV., Amoncar S, Palyekar S, Adsul HP, Kumar R, et al.	Seroprevalence of SARS-CoV-2 among potential Convalescent plasma Donors and analysis Of their deferral Pattern: Experience From tertiary care Hospital in western india	Transfusion Clinique et Biologique	Published online 2021 Jul 22. Doi: 10.1016/j.tracli.2021.07.004 (Print Publication: February 2022 01; Issue 29 Volume 1, Page 60-4	Code 3	4
2	Merline Augustine, Ankita Mahambare, M.V. Mallya., Maria Jose Wiseman Pinto	Syphilis Reactivity in Blood Donors and their Response Rate-A Study from "Westernized" Western India and the need of the Hour for a structured Screening Methodology	Global Journal of Transfusion Medicine	2022 Issue 2, Vol:7 Page 190-195	Code 0	NIL

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	2	2		

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
NIL	4	NIL

5B.61 Institute of Psychiatry and Human Behaviour, Bambolim

Year of Establishment: 1980

College Address: Institute of Psychiatry and Human Behaviour Opp. Holy Cross Shrine
Bambolim Goa 403002

Principal's Details:

Name: Dr. Shivanand Bandekar,

Contact No: 0832-2458240 / 0832-2458687

Email: dir-iphb[dot]goa[at]nic[dot]in

College Website: <https://iphb.goa.gov.in/>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NAAC Accreditation is not yet done

Courses offered, sanctioned and filled strength: BA, BSc, MSc (Chemistry)

Courses offered	Sanctioned Strength Entry level (Total)	Filled Strength Entry level (Total)
M. Phil in Psychiatric Social Work	8	8
Post Basic Diploma in Psychiatric/Mental Health Nursing	9	3

Research Centre, If any: NIL

No. of Candidates, subject wise, registered for Ph.D. under the Research Centre: Not Applicable

Any new course(s) started: NIL

Faculty Strength – 3

Sr. No	Course	Faculty Strength
1	M. Phil in Psychiatric Social Work	2
2	Post Basic Diploma in Psychiatric/Mental Health Nursing	1
	Total	3

Achievements of the College

- Mental Health awareness program were conducted during mental health week celebration at following places:

Agassaim Village Panchayat	11/10/2021
Curca village panchayat	12/10/2021
Khorlim PHC	12/10/2021
Carambolim Village Panchayat	13/10/2021
Goa Velha Village Panchayat	14/10/2021
Mandur Village Panchayat	16/10/2021
Village Panchayat, Curti Ponda Goa	17/10/2021
- Faculties of this Institute participated in Panel discussion on Mental Health organized by Doordarshan, Panaji Goa.

Sponsored Research projects only sanctioned/completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NIL

Conferences/Workshops Organized (Nos. Only) - NIL

Details of International Conferences/Workshops/Webinars organized

Publications:

Publications	Cat -I	Cat - II	Cat - III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
	International	National	Local	Total
I. Research papers in Conference Proceedings	--	02	--	02
Total	--	02	--	02

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	2	--

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
	3	18

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph. D.: 2

Awards: NIL

Sports Achievements of Students: (Note: Specify only member): NIL

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)-

- Shri. Vithoba Mahalkar, Assistant Professor, Psychiatric Nursing was invited as guest faculty for series of 25 lectures at Central Institute Psychiatry, Ranchi.
- Sensitization of 700 nurses across Goa through online platform ECHO India and Goa Nursing Council on Mental Health and Selfcare.

5B.62 Goa College of Architecture, Altinho, Panaji Goa

Year of Establishment: 1982

College Address: Goa College of Architecture, Dr. T.B. Cunha Educational Complex, Altinho, Panaji, Goa.

Principal's Details:

Name: Dr. Ashish K. Rege (Professor)

Contact No: 091 (0832) 2227144 / 7588154577

Email: prin.architecture@unigoa.ac.in
gca.archoffice@gmail.com

College website: <http://gcarch.goa.gov.in>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): NA

Courses offered, sanctioned and filled strength: B. Arch & M. Arch

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	(Total)
Bachelor in Architecture	40 (+10)	240	50	239
Master in Architecture (Urban Design)	12	24	12	10 + 2
Master in Architecture	12	24	12	3

(Sustainable Habitat)				
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Research Centre, If Any: Handled by Dr. Aniruddha S. Pawar.

Achievements of the College: NIL

Sponsored Research Projects only sanctioned/completed during June 2021 and May 2022. (Include only research projects of minimum Rs. One lakh)

Sr. No	Name of Investigator/s	Project Title	Date of Sanction and Duration	Funding Agency	Amount (Rs in Lakh)	Specify whether sanctioned/completed with date
1.	Dr. Vishvesh P. Kandolkar	Urban Department, Panaji		City Co-operation of Panaji		

Sponsored Consultancy Work sanctioned during the reporting period (Include only consultancy projects with minimum Rs one lakh)

- 1) Sharma Prasad Mukharja Rurban Mission for Government of Goa at Saligao.
Expected Fees: Rs. 15 Lakhs

Conferences/Workshops Organized (Nos. only): NIL

Details of International Conferences/Workshops/Webinars organized: NIL

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
Research papers in Journals	2	--	--	2
	Foreign Publisher	Indian Publisher	Local Publisher	Total
Dissertations in Architecture Working Paper Series Volume 09	-	-	1	1
Total	2	--	--	2

Papers presented in Conferences/Seminars/Workshops/Joint Design Studios:

Abroad	Within India	Within Goa
-	1	-

Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
Patrimonio Arquitectonico CIALP Asia:- Politica v/s Pratica presented on 13 th October 2022 - Online Webinar presented by Ar. Noah Anand Fernandes	-	-

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 02

Awards: Nil

Sports Achievements of Students: (Note: Specify only number)

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	01	--	--	01	--	--	--	--
Total	01	--	--	01	--	--	--	--

(Events organized by recognized institutions, associations and federations only)

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NIL

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/Institution: NIL

5C. RECOGNISED INSTITUTIONS

5C.63 CSIR-National Institute of Oceanography, Dona Paula

Name of the Director: Dr. Sunil Kumar Singh

Year of Establishment: 1966

Courses/Degree for which the Institution is recognised: Ph. D. in Marine Science.

Website: <http://www.nio.org>

Faculty/Scientist strength: 134

No. of Candidates, subject wise, Registered for Ph. D under the Research Center: 17 (under Goa university)

Scholars who obtained research degree during the year: from Goa University

M.Phil	Ph.D.
NIL	14

5C.64 Xavier Centre of Historical Research, Alto Porvorim

Name of the Director: Dr. Anthony da Silva, S. J.

Year of Establishment: 1977

Email Address: info@xchr.in / xchr.library@gmail.com

Website: www.xchr.in

Courses/Degree for which the Institution is recognized: Indo-Portuguese Research Library and Ph.D. in History

Academic Staff

Dr. Anthony Da Silva (Director)

Fr. Anderson Fernandes (Administrator) Mrs.

Arti Fernandes (Librarian)

5C.65 Fisheries Survey of India, Government of India, Mormugao

Name of the Director: D. M. Ali

Year of Establishment: 1972

Courses/Degree for which the Institution is recognised: Ph. D.

Email: fsimormugaobase@gmail.com

Website: www.fsi.gov.in

Faculty/Scientist strength: 3

5C.66 ICMR-National Institute of Malaria Research, Field Unit, Campal, Panaji

Name of the Director: Dr. Amit Sharma

Year of Establishment: 1977

Website: <https://nimr.org.in/>

Faculty/Scientist strength: 29

5C.67 Thomas Stephens Konknni Kendr, Porvorim

Year of Establishment: 1982

Director: Fr. Jose Silveira SJ.

Contact: 7767020080

Courses/ Degrees for which it is recognized: Research and Language teaching courses

Faculty Strength – 04

Website: www.tskk.org

5C.68 Directorate of Archives & Archaeology, Panaji

Name of the Director: Blossam Medeira

Year of Establishment: 1995

Website: <http://www.daa.goa.gov.in>

E-mail: dir-arch.goa.nic.in

5C.69 Earth System Science Organisation-National Centre for Polar & Ocean Research, Headland Sada, Vasco-da-Gama

Year of Establishment: 1999

College Address: National Centre for Polar and Ocean Research Ministry of Earth Sciences,
Government of India Headland Sada, Vasco-da-Gama, Goa 403 804, India

Principal's Details:

Name: Dr. Thamban Meloth

Contact No: 0832-2525511

Email: director@ncpor.res.in

College website: www.ncpor.res.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):
NA

Courses offered, sanctioned and filled strength: NA

Research Centre, If any:

No. of Candidates, subject wise, registered for Ph. D under the Research Center:

Following is the list of NCPOR Research Scholars registered at Goa University.

Sr. No.	No. of Candidates	Subjects
1	1	Chemistry
2	2	Earth Science
5	22	Marine Science
6	1	Microbiology
TOTAL	26	

Any new course(s) started: NIL

Faculty strength: 44

Achievements of the College:

- NCPOR scientists published more than 100 research papers in peer-reviewed international journals during 2021-22 with significant findings in the field of polar sciences with a total impact factor of around 500.
- Nine oceanographic cruises by the Oceanic Research Vessel *Sagar Kanya* operated by NCPOR took place
- Successfully organized the 41st Indian Scientific Expedition to Antarctica in which 91 persons in total participated from more than 11 organizations
- NCPOR hosted the 7th edition of the India International Science Festival (IISF-2021) jointly organized with Government of Goa in which thousands of delegates across India participated.
- NCPOR established a network of in-situ aerosol measurement in Arctic called Polar Aerosol Network (POLAERNET).
- Glacier surveys in six Himalayan glaciers carried out by NCPOR scientists
- Despite COVID-related restrictions, NCPOR successfully coordinated International Ocean discovery Program (IODP) cruise participation of 5 Indian scientists.

Sponsored Research Projects only sanctioned/ Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh): NA

Conferences/Workshops Organized (Nos. only)National Level: 1 (7th National Conference OSICON-21)**Details of International Conferences/Workshops/Webinars organized: NIL****Publications:**

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	101	-	04	105
	Foreign Publisher	Indian Publisher	Local Publisher	Total
II. Books/Edited Books	--	--	--	--
a. Research papers in Edited Books	15	--	--	15
Total	116	--	04	120

Papers presented in Conferences/Seminars/Workshops: NIL**Invited Lectures given by the faculty: NIL****Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
NIL	Dr. Melena A. Soares Dr. Anvita Ulhas Kerkar

No. of Teachers pursuing Ph.D.: 06**Awards:**

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Waliur Rahaman, Scientist- E	Young Researcher Award	Ministry of Earth Sciences, New Delhi 27 th July 2021.
Dr. Avinash Kumar, Scientist- E	Merit Certificate Award	Ministry of Earth Sciences, New Delhi 27 th July 2021.

Dr. Waliur Rahaman, et.al	Best Research Contribution Award 2019	National Centre for Polar and Ocean Research, Goa 15 th August 2021
Dr. Laluraj C. M. et.al	Best Research Contribution Award 2020	National Centre for Polar and Ocean Research, Goa 15 th August 2021

Sports Achievements of Students: (Note: Specify only number): NA

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only: NA

Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)

- NCPOR scientists carried out various outreach activities to celebrate 75 years of India's independence as a part of "Azadi ka Amrit Mahotsav", which included webinar series, quiz competitions, organizing educational visits to NCPOR etc.
- A special issue in the journal Polar Science (Elsevier) brought up by NCPOR scientists containing 35 scientific articles
- NCPOR scientists received awards from Ministry of Earth Sciences, Govt. of India, including the MoES Young Researcher Award and the Merit Certificate Award.

PART 6
Ph.D. AWARDEES

Number of Ph.D. Degrees Awarded

Sr. No.	Faculties/Schools	No. of Ph.D. Degree Awarded
1	School Of Biological Sciences And Biotechnology	12
2	School Of Earth, Ocean And Atmospheric Sciences	16
3	Manohar Parrikar School Of Law, Governance And Public Policy	03
4	Shenoi Goembab School Of Languages And Literature	05
5	Goa Business School	08
6	School Of Chemical Sciences	07
7	D.D. Kosambi School Of Social Sciences & Behavioural Studies	01
8	School Of Physical And Applied Sciences	04
9	Faculty Of Pharmacy	01
10	Faculty Of Engineering	03
11	School Of Sanskrit, Philosophy And Indic Studies	00
12	School Of International And Area Studies	00

Faculty Wise List

SCHOOL OF BIOLOGICAL SCIENCES AND BIOTECHNOLOGY					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Alisha Claudia. Fernandes	Marine Macroalgae as a Source for Biofuel Production	Biotechnology	Prof. Usha Muraleedharan	18/06/2021
2	Dr. Mujawar Sajiya Yusuf	“Biological Characterization of Arsenite Oxidizing Bacteria from Terrestrial Ecniches of Goa:.	Microbiology	Prof. Santosh Kumar Dubey	21/09/2021
3	Dr. Ruchira Malik	“Bacteria from Goan Salterns as producers of a biosurfactant”.	Biotechnology	Dr. Savita Kerkar	21/10/2021
4	Dr. Sanket Gaonkar	“Haloextremozymes protease and Lipase Simultaneous from Marine Haloarchaea”.	Microbiology	Prof. Irene Futardo	25/10/2021

5	Dr. Sankrita S. Gaonkar	“Arbuscular mycorrhizal (AM) fungal diversity and growth studies in mangroves plant species”.	Botany	Dr. B. F. Rodrigues	29/11/2021
6	Dr. Alisha Dnyaneshwar. Malik	“Degradation of Plant Polymers by Cellulase and Xylanase Haloextremozymes from Marine Haloarchaea”.	Microbiology	Dr. Irene Furtado	02/12/2021
7	Dr. Nikita GokuldasShet Verenkar	“Screening Evaluation, Characterization of Potential Biological Stains and Textile Dyes of Plant Origin”.	Botany	Prof. S. Krishnan	07/12/2021
8	Dr. Judith Miriam Noronha	“Characterization of Microalgal viruses from Aquatic Systems.”	Biotechnology	Dr. Sanjeev Ghadi	15/12/2021
9	Dr. Minisha Heracl Pereira	“A Study on the role of gut microbiota in modulation of longevity, fecundity and fitness of Anopheles stephensi”	Zoology	Dr. Ashwani Kumar	07/01/2022
10	Dr. Pankaj Dilip Parab	“Xylanolytic enzymes from marine bacteria and their application in paper and pulp industry”	Microbiology	Dr. Rakhee Khandeparkar	13/01/2022
11	Dr. Rutuja Satish Palkar	“Documentation, Biochemical Analysis, Bioprospecting and Molecular Phylogeny of Garcinia Species from the Western Ghats of India.”	Botany	Prof. S. Krishnan	25/03/2022
12	Dr. Ujwala Arun Amberkar	“Spatio-Temporal variation in gene expression linking	Microbiology	Dr. Rakhee Khandeparkar	06/05/2022

		dentrification process of nitrogen cycle in the oxygen minimum zone of Arabian Sea”			
SCHOOL OF EARTH, OCEAN AND ATMOSPHERIC SCIENCES					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Niyati Pandurang Hede	Studies on response of biofilms to changing environmental conditions	Marine Sciences	Dr. Lidita D. S. Khandeparker	09/07/2021
2	Dr. Amrata Kaithwar	Field and Laboratory culturing studies to understand benthic foraminiferal response to dissolved oxygen	Marine Sciences	Dr. Rajeev Saraswat	19/07/2021
3	Dr. Shubham Tripathi	High Resolution Quantification of eastern Arabian Sea Climate Change during Quaternary based on IODP Expedition 355	Marine Science	Dr. Manish Tiwari	06/07/2021
4	Dr. Melena Soares	Biogeochemistry of Particulate organic Matter Across the Fronts in the Indian Sector of the Southern ocean	Marine Sciences	Dr. N. Anil Kumar	21/06/ 2021
5	Dr. Anvita Ulhas Kerkar	“Primary Productivity Variability in the Indian Sector of the Southern Ocean During Austral Summer: Implication of Potential Controlling Factors”.	Marine Sciences	Dr. Saratchandra Tripathy	16/09/2021
6	Dr. Nishanth Kuchi	“Studies on the Response of Marine Bacterial Communities to Changes in Environmental Conditions”.	Marine Sciences	Dr. Lidita D. S. Khandeparker	27/08/2021
7	Dr. Noyel V.	“Biodiversity of Macrobenthos in selected major Ports and an estuary of India”.	Marine Sciences	Dr. Dattesh V. Dessai	17/09/2021

8	Dr. Elaine A. Sabu	Bioremediation of aquaculture effluents through the development of marine bacteria and phytoplankton consortia	Marine Sciences	Dr. Maria Judith Gonsalves	12/01/2022
9	Dr. Aswini K.K.	Geodynamics of the Andaman Sea with special reference to the Andaman backarc Basin, as inferred from the geophysical data	Marine Sciences	Dr. K. A. Kamesh Raju	17/01/2022
10	Dr. Smita Namdeo Naik	“Last Glacial to Holocene changes in carbonate ion content of deep waters of the Eastern Arabian Sea.”	Maine Sciences	Dr. Sushant S. Naik	11/02/2022
11	Dr. Suresh K.	“Sources and Characteristics of mineral dust over the coastal Goa”.	Marine Sciences	Dr. V. Ramaswamy	07/03/2022
12	Dr. Atchuthan P.	“Studies on macrobenthic community structure in some major ports in India	Marine Sciences	Dr. Dattesh V. Desai	09/03/2022
13	Dr. Sathish K.	“Dynamics of phytoplankton marker pigments in different aquatic ecosystems”.	Marine Sciences	Dr. Jagadish S. Patil	30/03/2022
14	Dr. Bhagyashri Ramesh Naik	“Phytoplankton species-specific dimethyl sulphide production in north Indian Ocean”.	Marine Sciences	Dr. Damodar M. Shenoy	04/04/2022
15	Dr. Roy Valentin Rodrigues	“Ecology of cyst producing dinoflagellates”	Marine Sciences	Dr. Jagadish S. Patil	11/04/2022
16	Dr. Suja S.	“Seasonal and spatial variations in suspended sediment composition in three tropical estuaries, central west coast of India”	Marine Sciences	Dr. Pratima M. Kessarkar	27/04/2022

MANOHAR PARRIKAR SCHOOL OF LAW, GOVERNANCE AND PUBLIC POLICY					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Aamod M. Shirali	A Critical Study of Impact of Hostile Witness on Administration of Criminal Justice System in India: With Special Reference to the State of Goa	Law	Prof. Dr. M. R. K. Prasad	26/06/2021
2	Dr. Shruti V. Kamat Dalal	“The Right to Education Act 2009 and its Effective Implementation: A Socio-Legal Study of Children’s Right In the State of Goa”	Law	Dr. K.S. Rao	30/05/2022
3	Dr. Andryusha A. D’Costa	“Evolution and Impact of the Best Interest Jurisprudence on Children’s Rights with Special Reference to the State of Goa”	Law	Dr. K.S.Rao	29/08/2022

SHENOI GOEMBAB SCHOOL OF LANGUAGES AND LITERATURE					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Durgesh Chandrakant Majik	Gomantakiyloknatyachea nushangane ‘ Ranmale’ chachikitsmakAbhyas	Marathi	Dr. Sunita Umraskar	19/07/2021
2	Dr. Irappa Manohar Gurav	“Dr. Vi. Ba Prabhudesai yanche marathitil samshodhankarya :ekchikitsatmakabhyas”.	Marathi	Dr. Sunita Umraskar	09/08/2021
3	Dr. Vinay M. Madgaonkar	“Gomantakiykhristi Marathi sahityache sanshodan va sanshodhak: Ek chikitsatmak abhyas”.	Marathi	Dr. Sunita Umraskar	18/11/2021
4	Dr. Archana Sharma	“Mannu Bhandari Ka Rachana Sansar:	Hindi	Dr. Omprakash	04/02/2022

		SarokarRvamVimarsha”		Tripathi	
5	Dr. Magdalene G. D’souza	“Usha Priyam vadake Katha Sahitya Mein Samaj shastriya Adyayana”	Hindi	Prof. VrushaliMand rekar	18/02/2022

GOA BUSINESS SCHOOL					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Subasish Mohanty	An Analysis of factors influencing consumers behaviour: A case of E-Retailing in Goa	Commerce	Prof. B. Ramesh	24/06/2021
2	Dr. Priya Prabhu Verlekar	A Study on Tax planning Measures Adopted by the salaried Class in Goa	Commerce	Prof. Y. V. Reddy	22/07/2021
3	Dr. P. S. Devi	A Study on the Economics Impact of Migration to Goa	Economics	Prof. P. K. Sudarsan	13/07/2021
4	Dr. Naik Deepali Gurudas	“A study on Agricultural Financing in the state of Goa”.	Commerce	Dr. P. Sri Ram	28/09/2021
5	Dr. Suraj Pavto Velip	“Stock marketing integration and implications for portfolio Diversification in the Asian Developed Emerging and Frontier Stock Markets	Commerce	Prof. Guntur Anjana Raju	01/10/2021
6	Dr. Rajeev Harishchandra Narvekar	Relationship Between Perceived Value, Satisfaction and Behavioral Intentions in Adventure Tourism Context	Management	Dr. M. S. Dayanand	28/01/2022
7	Dr. Sanjeeta G. Parab	"An Analysis of the Impact of Single Stock Futures on Underlying Stocks in India"	Commerce	Prof. GuntarAnjana Raju	26/04/2022

8	Dr. Sushant Ganpat Chari	“Influence of Aggregate News Sentiment On Indian Stock Market In the Short Run”	Management	Prof. Purva Hegde Desai	09/05/2022
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SCHOOL OF CHEMICAL SCIENCES

Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Sudesh Manohar Morajkar	Synthesis, Spectra, Structure and properties of Polyoxometalates	Chemistry	Prof. B. R. Srinivasan	24/07/2021
2	Dr. Pooja Hanumantrao Bhargao	“Chemistry of Bivalent Metalanitates-Synthesis Spectra and Crystal Structures”	Chemistry	Prof. B. R. Srinivasan	28/07/2021
3	Dr. Pratik A. Asogekar	“Synthesis, Characterization, Solid State Studies and Applications of Pure and Substituted Co-Zn Ferrities”.	Chemistry	Prof. V. M. S. Verenkar	18/10/2021
4	Dr. Sulaksha R. Desai	“Synthesis of Heterocyclic Scaffolds as Potential Therapeutic Agents”.	Chemistry	Prof. Vidya G.Desai	22/10/2021
5	Dr. Kedar Umakant Narvekar	“Structure Elucidation and Properties of Compounds Containing Metal ions, substituted Carboxylic Acids and Selected Ligands	Chemistry	Prof. B.R. Srinivasan	04/01/2022
6	Dr. Sinthiya Jaywant Gawandi	“Development of Green Methologies for the Synthesis of Bioactive Nitrogen Heterocycles”	Chemistry	Prof. Vidya G. Desai	18/02/2022
7	Dr. Sarvesh S. Harmalkar	"Design Synthesis, Characterisation and Applications of Selected N-Donor Ligands and their first Row Transition Metal Compounds"	Chemistry	Prof. S.N. Dhuri	11/05/2022

D.D. KOSAMBI SCHOOL OF SOCIAL SCIENCES & BEHAVIOURAL STUDIES					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Christopher H. de souza	Craftsmen and Artisans in Goa (A.D. 1000 to 1700)	History	Prof. Nagendra Rao	05/07/2021

SCHOOL OF PHYSICAL AND APPLIED SCIENCES					
Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Jervin Zen Lobo	Symmetry Analysis of some Functional Differential Equations	Mathematics	Dr. Y.S. Valaulikar	21/04/2021
2	Dr. Vaishali N. Gaonkar	Understanding Magnetocaloric Properties of Mn Based Antiperovskite Materials	Physics	Prof. K. R. Priolkar	02/08/2021
3	Dr. Aniketh A. Gaonkar	“Data Fusion in Depth Images : Application to Facial Biometrics”.	Electronics	Dr. Rajendra S.Gad	18/10/2021
4	Dr. Caje Francis Pinto	“Development of Novel Soft-Core Embedded Architecture for Total Haemoglobin Estimation using Multivariate System”	Electronics	Dr. Jivan S. Parab	22/02/2022

FACULTY OF PHARMACY

Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Adison Fernandes	“Assuring quality of Pharmaceuticals Through Impurity Profiling”.	Pharmacy	Dr. Sanjay Pai P. N.	29/11/2021

FACULTY OF ENGINEERING

Sr. No	Candidate name	Title	Subject	Guide	Viva Voce
1	Dr. Milind Jaiwant Sakhardande	“Facility location with optimal supply chain performance measures in developing countries - issues and Challenges”	Mechanical Engineering	Prof. Rajesh Prabhu Gaonkar	23/07/ 2021

2	Dr. Sunay Pundalik Pai	“Risk Assessment and Dynamic Decision making in Maritime Transportation”.	Mechanical Engineering	Prof. Rajesh Prabhu Gaonkar	16/12/ 2021
3	Dr. Anudevi S.	Relay Coordination Analysis of Electrical Distribution Network with Optimally Placed Distributed Generation Units	Electrical and Electronics Engineering	Dr. V.N. Shet	12/05/2022



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