

www.unigoa.ac.in



ANNUAL REPORT

JUNE 2018-MAY 2019

GOA UNIVERSITY



XXXIV ANNUAL REPORT

June 2018– May 2019



**GOA UNIVERSITY
TALEIGAO PLATEAU
GOA 403 206**



GOA UNIVERSITY

CHANCELLOR
Smt. Mridula Sinha

VICE-CHANCELLOR
Prof. Varun Sahni

REGISTRAR
Prof. Y. V. Reddy

CONTENTS

Introduction.....

PART I:UNIVERSITY AUTHORITIES AND BODIES.....

- 1.1Members of the Executive Council
- 1.2 Members of the University Court.....
- 1.3 Academic Council.....
- 1.4Members of the Planning Board.....
- 1.5Members of the Finance Committee.....
- 1.6Deans of Faculties
- 1.7Officers of the university
- 1.8 Meetings of University Authorities and Bodies.....

PART 2:UNIVERSITY DEPARTMENTS/CENTRES/PROGRAMMES.....

- 2.1Faculty of Languages and Literature
- 2.2Faculty of Social Sciences.....
- 2.3 Faculty of Natural Sciences
- 2.4Faculty of Life Sciences & Environment.....
- 2.5 Faculty of Commerce and Management Studies.....
- 2.6 Centre for the Study of Social Exclusion and InclusivePolicy (CSSEIP)

PART 3: INNOVATIVE PROGRAMMES.....

- 3.1 Research Development & Resources Mobilisation Cell (RDRM)
- 3.2 Extra Mural Studies and Extension Services (EMS & ES).....
- 3.3 Computerisation and It Infrastructure (DEITI)
- 3.4 Workstation for Mircodata from Census
- 3.5 Visiting Chair Research Professors Programme (VRPP)

PART 4: GENERAL ADMINISTRATION AND ACTIVITIES

- 4.1 Computerisation and IT Infrastructure.....
- 4.2 Library.....
- 4.3 Sports.....
- 4.4 Directorate of Students' Welfare and Cultural Affairs.....
- 4.5 U. G. C. Human Resource Development Centre

PART 5:AFFILIATED COLLEGES & RECOGNISED INSTITUTIONSError! Bookmark not defined.

5A General Education Colleges

5B Professional Colleges.....

5 C Recoganised Institutions.....

PART 6 AWARDEES AND RANK HOLDERS

6.1 Ph.D Awardees

6.2 List of Rankers

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, 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 2019-20 presents successfully the academic culture of Goa University and its affiliated colleges to its readers.

We thank our Vice-Chancellor Prof. Varun Sahni for his constant support and encouragement in bringing out this report. We are thankful to the Heads of the Departments and Principals of affiliated Colleges for providing the committee with the information included in this report. The Committee would like to express its gratitude to Internal Quality Assessment Cell (IQAC) of Goa University for collecting and compiling the information from the Heads of the University Departments. The Committee thanks all those who have contributed directly or indirectly in preparing and publishing this Annual Report.

PART I:

UNIVERSITY AUTHORITIES AND BODIES

1.1. MEMBERS OF THE EXECUTIVE COUNCIL

Chairperson

Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)

Nominees of the Chancellor

Dr. Balvant Shantilal Jani, Director, Gardi Research Institute for Diaspora Studies, Rajkot.

Dr. A.K. Rai, Professor, (CDR), Department of Physics, University of Allahabad, Allahabad.

Dr. Ramdev Bharadwaj, Vice-Chancellor, Atal Bihari Vajpayee Hindi University, Bhopal, M.P.

Adml. Arun Prakash (Retd.), PVSM, AVSM, VrC, VSM, Former Chief of Naval Staff, Indian Navy.

Prof. Dr. Sita Naik, Former Dean, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow.

Nominees of the State Government

Shri Shrinivas Vasudeva Sinai Dempo, Dempo House, Campal, Panaji-Goa.

Prof. Datta Bhikaji Naik, House No.909, GIRIJA, Pundalik Nagar, Alto Porvorim, Bardez, Goa.

Dr. Louis Vernal, Flat B-404 Raj Mudra, near Court, Ponda Tisk - 403401.

Mr. Prakash Shankar Velip, 479-35D, Saraswati Niwas, Quepem-Goa.

Ex-officio Members

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

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

Nominees of the Vice-Chancellor

Professor Gourish M. Naik, Dean, Faculty of Natural Sciences

Dr. Allan Abreo, Dean, Faculty of Education

Dr. Prita D. Mallya, Principal, Shree Damodar College of Commerce and Economics, Margao, Goa

Prof. Vijaya U. Kerkar, Department of Botany

Member Secretary (Ex-officio)

Prof. Y. V. Reddy, Registrar, Goa University (Ex-officio)

1.2. MEMBERS OF THE UNIVERSITY COURT

Chairperson

Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)

Nominees of the Executive Council

Deans of Faculties

Prof. Nina Caldeira, Department of English, Goa University.

Prof. Gourish. M. Naik, Department of Electronics, Goa University.

Prof. R.G. Wiseman Pinto, Goa Medical College, Bambolim - Goa.

Prof. J. A. Laxminarayan, Goa College of Engineering, Farmagudi, Ponda-Goa.

Prof. Ashish K. Rege, Goa College of Architecture, Panaji-Goa.

University Professors

Prof. Ravindranath Mishra, Department of Hindi, Goa University. (Retired on 31-07-2019)

Prof. K. S. Bhat, Department of English, Goa University.

Prof. N. S. Bhat, Department of History, Goa University. (Retired on 30-11-2019)

Prof. V. V. Kamat, Department of CST, Goa University.

Prof. Mahender Kotha, Department of Earth Sciences, Goa University.

Principals of Affiliated Colleges

Dr. (Smt.) Vrinda Borkar, Dhempe College of Arts & Science, Panaji,- Goa.

Dr. Pradeep G. Naik, Dean, Goa Medical College, Bambolim - Goa.

Dr. Sanjay P. Sawant Dessai, Principal, CES College of Arts and Commerce.

Dr. Vikas J. Pissurlekar, PES SRSN College of Arts & Science, Farmagudi - Goa.

Dr. Gervasio S.F.L. Mendes, Govt. College of Art, Science & Commerce, Sanquelim - Goa.

Elected Members

Dr. Naguesh Colvalkar, V.M. Salgaonkar College of Law, Miramar, Panaji, Goa

Dr. Ramu P. S. Murthy, Dhempe College of Art & Science, Miramar Goa.

Dr. Daisy John, Goa College of Home Science, Campal, Panaji, Goa.

Ms. Rita Godinho, Goa College of Home Science, Campal, Panaji, Goa.

Dr. Ramlal Saji Vernekar, Cuncolim Educational Society's College of Arts & Commerce, Cuncolim, Goa.

Dr. Cosma Fernandes, MES College of Arts & Commerce, Zuarinagar, Goa.

Ms. Deepa C. Fernandes, P.E.S's R.S.N. College of Arts & Science, Farmagudi Ponda.

Dr. Vaibhav Gajanan Chindarkar, Govt. College of Arts, Science & Commerce, Sanquelim Goa.

Dr. Jivan Shrikrishna Parab, Department of Electronics, Goa University.

Dr. Sunder N. Dhuri, Department of Chemistry, Goa University.

Dr. Sunita Umraskar, Department of Marathi, Goa University.

Nominees of the Executive Council

President, Harmal Panchakroshi Shikshan Mandal, Harmal, Pernem-Goa.

President, Ponda Education Society, Ponda-Goa.

Ex-Officio Members

Chairperson, Goa University Student's Council, Goa University.

Chairperson, Post-Graduate Students Union, Goa University.

Nominees of the Chancellor

Shri Prabhat Kumar, Professor, Department of Political Science, R.D. & D.J. College, Munger (Munger University).

Dr. Shobha Vijender, C – 1/40, Pandara Park, New Delhi.

Dr. Medha Nanivadekar, Associate Professor of Women's Studies & Director, Center for Women's Studies, Shivaji University, Kolhapur.

Shri V. K. Jha, IAS (Retd.), Flat No.501, Block-G, St. Francis Xavier Residency, Phase-II, Near Muslim Darga, Old Goa – 403402.

Nominees of the State Government

Shri. Shyamsundar M. Kauthankar, Dnyanprassarak Mandal, PVS Sarojini Madhusudan Kushe , Hr. Secondary School & Institute of Vocational Studies, PVS Kushe Nagar, Assagao- Bardez-Goa.

Shri Dadu B. Mandrekar, "Amrapali", Prabhudh Nagar, Madla Wada, Mandrem, Goa-403527.

Sau. Kamal Govind Parsekar, Retd. Headmistress Saraswat Vidyalaya, C/o. Shri G.M. Parsekar, Mandrem-Goa.

Dr. Beena Martins, Paitona, Salvador De Mundo, Porvorim-Goa.

Representative of Non-Teaching Staff

Dr. Gopakumar V., Librarian, Goa University.

Member Secretary (Ex-officio)

Prof. Y. V. Reddy, Registrar, Goa University (Ex-officio)

1.3. MEMBERS OF THE ACADEMIC COUNCIL

Chairperson

Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)

Deans of Faculties

Dean, Faculty of Languages & Literature, Goa University (Ex-Officio)

Dean, Faculty of Social Sciences, Goa University (Ex-Officio)

Dean, Faculty of Natural Sciences, Goa University (Ex-Officio)

Dean, Faculty of Life Sciences and Environment, Goa University (Ex-Officio)

Dean, Faculty of Commerce & Management Studies, Goa University (Ex-Officio)

Dean, Faculty of Medicine, Goa University (Ex-Officio)

Dean, Faculty of Engineering, Goa University (Ex-Officio)

Dean, Faculty of Law, Goa University (Ex-Officio)

Dean, Faculty of Performing, Fine Art & Music, Goa University (Ex-Officio)

Dean, Faculty of Design, Goa University (Ex-Officio)

Dean, Faculty of Education, Goa University (Ex-Officio)

University Professors

Prof. K.S. Bhat, Department of English, Goa University.

Prof. Kaustubh Priolkar, Department of Physics, Goa University.

Prof. Chandrashekher U Rivonkar, Department of Marine Science, Goa University.

Prof. Shaila Desouza, Department of Women Studies, Goa University.

Prof. Aparajita Gangopadhyay, UGC- Centre for Latin American Studies, Goa University.

Principals of Affiliated Colleges

Dr. Ida de Noronha, Dean, Goa Dental College & Hospital, Bambolim.

Dr. Vrinda Borkar, Principal, Dhempe College of Arts & Science, Panaji.

Dr. Pradeep Naik, Director, Institute of Psychiatric & Human Behaviour, Bambolim.

Dr. Gajanan V. Madiwal, Principal, Govt. College of Commerce, Borda.

Dr. Neena Shekhar Pai Panandikar, Principal, Don Bosco College of Engineering, Fatorda.

Dr. Purnakala V. Samant, Principal, Govt. College of Arts, Science and Commerce, Khandola.

Dr. S.N. Mamle Desai, Principal, Rajaram & Tarabai Bandekar College of Pharmacy, Farmagudi.

Dr. Dilip B. Arolkar, Principal, Dnyanprasarak Mandal's College & Research Centre, Assagao.

Dr. Gervasio S.F.L. Mendes, Principal, Govt. College of Arts, Science & Commerce, Sanquelim.

University Teachers

Dr. R. N. Shirsat, Department of Chemistry, Goa University.

Dr. A.A.A. Viegas, Department of Earth Science, Goa University.
Dr. Can Aftab A. S., Department of Marine Science, Goa University.
Dr. Sri Ram Padyala, Department of Commerce, Goa University.
Ms. Scarlet Ava Fernandes, Department of Portuguese and Lusophone Studies, Goa University.

Representatives of the SC/ST Category

Dr. Sunita Umraskar, Department of Marathi, Goa University.

Elected Members

Dr. Manjusha Jindal, Goa Medical College, Bambolim, Goa.
Mrs. Annie Rajan, Dhempe College of Arts & Science, Miramar, Panaji, Goa
Dr. G. Shaber Ali, V. M. Salgaocar College of Law, Miramar, Panaji, Goa.
Mr. Audhoot Kashinath Satardekar, Carmel College of Arts, Science & Commerce for Women,
Nuvem, Goa.
Dr. B. P. Sarath Chandran, Shree Damodar College of Commerce & Economics, Margao, Goa.
Dr. Arvind M. Haldankar, Shree Mallikarjun College of Arts & Commerce, Canacona, Goa.
Dr. Sulaxana R. Vernekar, GVM's G.G.P.R. College of Commerce & Economics, Farmagudi, Ponda, Goa.
Dr. M. Shanthi, Dnyanprassarak Mandal's College and Research Centre, Assagao, Bardez, Goa.
Dr. Tushar S. Anvekar, St. Xavier's College of Arts, Science & Commerce, Mapusa, Goa.

Nominees of the Chancellor

Prof. (Dr.) Gopal Mugeraya, Director, National Institute of Technology, Goa.
Dr. Taran Kumari, University Department of Physics, B.R.A., Bihar University, Muzaffarpur, Bihar.
Dr. Preeti K. Doddwad, Prof. & Head, Department of Coservative Dentistry & Endodontics, KLE V.K. Institute of Dental Sciences, Nehru Nagar, Belgavi- Karnataka.
Dr. Mehar Fatima, Assistant Professor, The School of LAW, HILSR, Jamia Hamdard, New Delhi.
Prof. Sanjay Chaturvedi, Dean, Faculty of Social Sciences, South Asian University, Akbar Bhavan, Chankyapuri, New Delhi.
Director, National Institute of Oceanography, Dona Paula, Goa
Chairman, Goa Board of Secondary & Higher Secondary Examination, Porvorim, Goa.
Librarian, Goa University
Registrar, Goa University, Member Secretary (Ex-officio)

Members

Chairperson, Goa University Student's Council, Goa University.

Chairperson, Post-Graduate Students Union, Goa University.

1.4. MEMBERS OF THE PLANNING BOARD

Chairperson

Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)

Nominees of the Executive Council

Prof. (Dr.) Nitin R. Karmalkar, Vice-Chancellor, Savitribai Phule Pune University, Ganeshkhind, Pune, Maharashtra – 411007.

Prof. Silvia Noronha, Dean, Faculty of Social Sciences, Goa University.

Shri Uday Gaonkar, Vice Chairman, Goa Board of Secondary & Higher Secondary Education Alto, Betim – Goa.

Nominees of the Vice-Chancellor

Prof. V.V. Kamat, Member, Academic Council.

Prof. Dr. Sita Naik, Member, Executive Council.

Dr. Savio da Piedade Fallerio, Principal, Fr. Agnel College of Arts & Commerce, Pilar-Goa.

Nominee of the Chancellor

Shri K. D. Row, 55, Samudra Darshan, Near Goa University, Taleigao Plateau 403206.

Nominee of the University Grants Commission

Dr. Akhilesh Kumar Singh, Director (I/C), Educational Multimedia Research Centre Devi Ahilya University, Indore (M.P)

Member Secretary (Ex-officio)

Prof. Y. V. Reddy, Registrar, Goa University (Ex-officio)

1.5. MEMBERS OF THE FINANCE COMMITTEE

Chairperson

Prof. Varun Sahni, Vice-Chancellor (Ex-Officio)

Nominee of the Chancellor

Shri Jugraj Singh Bedi, C.A., C/o. BUDHRAJA ADLAKHA & Co., Chartered Accountants, 5/31, W.E.A., Karol Bagh, New Delhi 110 005.

Nominees of the Executive Council

Shri Shrinivas Vasudeva Sinai Dempo, Dempo House, Campal, Panaji-Goa
Shri 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 of the Faculty of Commerce/Management Studies, Goa University (Ex-officio)

Finance Officer, Goa University, Member Secretary (Ex-officio)

1.6 Deans of Faculties/School

Professor Ishrat Bi Khan, Languages & Literature 01/12/2016 to 30/09/2018

Professor Nina Caldeira, Languages & Literature w.e.f 01/10/2018 for a period of three year

Professor N. Shyam Bhat, Social Sciences w.e.f. 01/01/2016 to 31/12/2018

Professor Silvia Noronha, Social Sciences w.e.f. 01/01/2019 for a period of three years

Professor G. M. Naik, Natural Sciences w.e.f. 05/05/2017 to 29/02/2020

Professor Prabhat Kumar Sharma, Life Sciences & Environment w.e.f. 01/11/2017 to 31/10/2020

Professor R.G. Wiseman Pinto, Goa Medical College, Medicine w.e.f. 16/05/2018 for period of three years

Professor J.A. Laxminarayan, Engineering w.e.f. 22/03/2018 for a period of three years

Dr. M.R.K. Prasad, Law 27/01/2016 to 29/02/2020

Shri M. V. Vengurlekar, Performing, Fine Art & Music w.e.f. 09/01/2012 until further orders

Professor Ashish K. Rege, Design w.e.f. 22/03/2018 for a period of three years

Dr. Allan Abreo, Education w.e.f. 08/09/2017 for a period of three years or till the establishment of School of Behavioral Studies whichever is earlier.

1.7. Officers of the University

Prof. Varun Sahni

Prof. Y. V. Reddy

Prof. Ramesh V. Pai

Prof. AnuradhaWagle

Dr. V. Gopakumar

Shri V. L. Sawkar

Shri M. Shreedhara

Shri Donald A. E. Rodrigues

Shri Sanjay Bandodkar

Shri Rushikesh G. Halarnkar

Vice-Chancellor

Registrar

Finance Officer

Controller of Examination

Librarian

University Engineer

Joint Registrar

Joint Registrar

Head of Computer Centre

Dy. Registrar (Finance) on deputation

Shri Milton L. Fernandes	Assistant Director of Physical Education
Shri. Sangam S. Talaulikar	Executive Engineer
Shri Anselmo A.T.H. Rosa	System Analyst
Shri Damodar Manjrekar	System Analyst
Shri Leo V. Macedo	Deputy Registrar
Smt. Bertha T. A. D'Mello e Daniel	Assistant Registrar
Smt. Maya R. Sawant	Assistant Registrar
Smt. Sita Sara Figueiredo	Assistant Registrar
Shri Ashok J. Nagarsenkar	Assistant Registrar
Smt. Sandhya S. S. Neurekar	Assistant Registrar
Shri Amey V. Verenkar	Assistant Registrar
Shri Audhoot J. Kalangutkar	Assistant Registrar
Ms. Qubilah D'Souza	Assistant Registrar
Ms. Kirti Kashinath Murgaonkar	Assistant Registrar
Shri Aniketh Arjun Gaonkar	Assistant Registrar
Shri Ashwin Vyas Lawande	Assistant Registrar
Smt. Teja Shiroadkar	Assistant Registrar
Shri. Rajanikant S. Parsekar	Assistant Engineer
Shri. Sachin G. Sinai Narvekar	Assistant Engineer
Shri Vamon Bandodkar	Assistant Engineer
Shri Sachin K. Sambhaji	Assistant Director (Engineering)
Shri Sachin K. Patil	Assistant Director (Engineering)
Shri Abhijit Karpe	Programmer
Dr. Amavel Pereira	Medical Officer
Shri Bernard Devassy	Assistant Accounts Officer (On deputation)
Shri Madhusudan Lanjewar	Technical Officer-I
Dr. Vikrant P. Malwankar	Assistant Librarian

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

Shri Nanda Gawas, President
Shri Renato Dias, Vice-President
Shri Godwin Afonso, General Secretary
Shri Krishna G. Pai, Joint Secretary
Shri Gajanan Lingudkar, Treasurer
Shri Atchut Naik, Member
Shri Sunil Naik, Member
Shri Premanand Desai, Member
Shri Shaikh Usman Ali, Member
Shri Paresh Naik, 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

22nd June, 2018
31st August, 2018
19th September, 2018 (Special Meeting)
12th October, 2018
10th December, 2018
22nd January, 2019
15th March, 2019
26th April, 2019
31st May, 2019

Dates of Academic Council Meetings

21st March, 2018 – Academic Council
11th, 15th& 18th November, 2018 – Academic Council

25th July, 2018 – Academic Council
15th November, 2018 – Academic Council
8th December, 2018 – Academic Council
8th& 9th March, 2019 – Academic Council
10th& 24th May, 2019 – Academic Council
12th& 13th September, 2019 – Academic Council
12th& 13th December, 2019 – Academic Council

Dates of the Standing Committee Meeting of the Academic Council

7th June, 2018 – Standing Committee
14th January, 2019 – Standing Committee
12th April, 2019 – Standing Committee
14th June, 2019 – Standing Committee
25th October, 2019 – Standing Committee

Date of Planning Board Meeting – 20th December, 2019

Date of Court Meeting – 29th March, 2019

PART 2:

UNIVERSITY DEPARTMENTS/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	(M.A., Ph. D.)
Department of Portuguese	(M.A., Ph. D.)

Faculty Board :

Dean, Faculty of Languages & Literature	Chairperson (Ex-Officio)
Head, Department of English	Member (Ex-Officio)
Head, Department of Hindi	Member (Ex-Officio)
Head, Department of Marathi	Member (Ex-Officio)
Head, Department of Konkani	Member (Ex-Officio)
Head, Department of Portuguese	Member (Ex-Officio)
Head, Department of French	Member (Ex-Officio)
Prof. K. S. Bhat	Member (Ex-Officio)
Prof. R. N. Mishra	Member (Ex-Officio)

Prof. (Smt.) Vrushali S. Mandrekar	Member (Ex-Officio)
Dr. Andre Rafael Fernandes	Member
Dr.(Smt.) Anjali Chaubey	Member
Dr.(Smt.) Sunita S. Umraskar	Member
Dr. (Smt.) Irene Conceicao Silveira	Member
Mr. Dhruv Sudin Usgaonkar	Member

Department of English

Faculty:

Full-time

- K. Sripad Bhat**, Ph.D., Professor – 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 Theatre, Diaspora Studies and Gender Studies
- Andre Rafael Fernandes**, Ph.D., **Professor and Head** – Novel, Commonwealth literature, Language laboratory and Tiatr
- Poorwa Naik**, M.A., Assistant Professor – Indian writing in Translation, Translation studies, Cultural studies, Post-colonial studies in literature in English, Literature in English by women writers, Feminist literature, Insurgency-based literature in English from South Asia

Contractual:

- Nafisa Oliveira**, M.A., Assistant Professor (Contract) – Law and Literature, Human Rights, Translation Studies, Goan Writing

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Sawani Shetye	Archaeologist, BHOOMIJ	Goa and her Cultural Heritage: Cognizance and Contributions	2 Nov 2018
Prof. Edwin Thumboo	National University of Singapore	Poetry	5 Dec 2018
Victor Rangel Ribeiro	Author, New York	Incorporating Goa in Tivolem	12 Dec 2018
Dr Paromita Chakrabarti	H.R. College of Commerce & Economics, Churchgate, Mumbai	Moving Diasporas: Accounting for Migration in the age of Transnational Cosmopolitanism	31 Jan 2019

Major Thrust Areas and Achievements:

Thrust Areas:

- British, Indian, American and other literatures. Comparative Literature and Cultural Studies.

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Refresher course in English	19 Feb-11 Mar 2019	HRDC, Goa University
Workshop on Academic Writing	31 Oct 2018	Goa University
Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary	26 Mar 2019	Goa University

Research publications:

Articles in journals:

- Bambolkar, T.S.K. Semiotics of Traditional v/s Modern Space in Folk Theatre with Special Reference to the Maand System of Goan Folk Tradition. The Chitrolekha Journal on Art and Design. 2(2); 2018; 47-56. DoI: <http://www.chitrolekha.com/ns/v2n2/v2n204.pdf>
- Bhat, G.S.S.; Fernandes, A.R. Realism and fiction: A critical analysis of Nadine Gordimer's Burger's Daughter. Asian Quarterly: An International Journal of Contemporary. 16(1); 2018; 106-117. https://www.academia.edu/36862653/Asian_Quarterly_16.1_Inner_Pages_.pdf?auto=download
- Wader, N. Women depicted in the war novel The Return of the Soldier (1918). The Literary Herald. 4(6); 2019; 255-264. DoI: <http://tlhjournal.com/uploads/products/32.neha-wader-article.pdf>

Articles in conference proceedings (* In Scopus list)

- Gaonkar, P.; Fernandes, A.R. Digitization of Konkani texts, and their transliteration: An initiative towards preservation of a language culture. 4. Int. Conf. in Digital Humanities in the Nordic Countries. 2364; 2019; 149-156. DoI: http://ceur-ws.org/Vol-2364/13_paper.pdf

Book chapter:

- Fernandes, A.R. Tiatr. The Languages of Goa, People's Linguistic Survey of India Series, Ed. by Devy, G.N., Sardesai, M., Mauzo, D. Orient BlackSwan, Hyderabad. 8(2); 2019; 189-206.

PhDs:

Degree Awarded: 0

Submitted: -

Students on Roll: 14

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Bhat, K.S. Food: Foregrounding politics, culture and identity **(Keynote)**. Nat. Seminar on Food is Not a Curry: Raison d'etre of Food in Literature. 29-30 Jan 2019. Periyar University, Salem.

- Bhat, K.S. Gandhi and modernity debate **(Keynote)**. Seminar on Multifaceted Mahatma: Revisiting Gandhi. 26 Mar 2019. Dept. of English, Goa University.
- Bhat, K.S. historicising realism: Issues and perspectives **(Keynote)**. Paper Reading Competition on Refreshing and Redefining the Cultural Milieu through Indian Writing in English: A Teen Perspective. 10 Jan 2019. Dept. of English, DMC, Mapusa.
- Bhat, K.S. Interrogating English as a Global Language **(Inaugural address)**. Nat. Seminar on English Language Teaching in Rural India: Challenges and Opportunities. 28 Mar 2019. Dept. of English, Bharathi College, Bharathipura, Karnataka.
- Oliveira, N. Representing the nonhuman animal: A study of select works of Richard Adams and Jack London. Int. Conf. on Ecology and Culture. 15-17 Dec 2018. Dept. of English, Amrita School of Arts & Sciences, FSLE-India and ACRD.
- Oliveira, N. Truth, Beauty and Pedagogy: Reviewing Gandhi's Nai Talim vis-à-vis Tagore's Śikṣā. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa University.

Lectures on other occasions

- Bhat, K.S. Travel writing **(Valedictory Address)**. Outgoing PG & UG students function. 7 Mar 2019. GRG Women's College, Coimbatore.
- Fernandes, A.R. Gandhian Philosophy in Contemporary Times **(Session Chair)**. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa University.

Department of Hindi

Faculty:

Full-time

- **Sweta Prasad Govekar**, M.A., Assistant Professor – Media & Journalism, Novels
- **Vrushali S. Mandrekar**, Ph.D., **Professor and Head** – Short Story, Comparative Literature & Translation
- **Ravindranath S. Mishra**, Ph.D., Professor (Retired)
- **Bipin Bihari Tiwari**, Ph.D., Assistant Professor – Hindi Story, Hindi Criticism

Major Thrust Areas and Achievements:

Thrust Areas:

- Comparative Literature, Poetry, Novels and Translation

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
College teachers workshop	16 Jul 2018	Goa University
College teachers workshop	20 Dec 2018	Goa University
Int. Seminar on Bhakti Andolan aur Guru Jambhoji: vaishvik Sandarbh(Coordinator)	16-17 Feb 2019	Goa University
Nat. Seminar On Chayavad Ke Sau Varsh	22 Feb 2019	Goa University

Research publications:

Articles in journals:

- Janjić, M.; Mishra, R.N. जेपाकापुल[Jepa ka pul]. Naya Gyanodaya. 190; 2018; 49-52. DoI:
- Tiwari, B. अलकनंदाकी उदासी [Alaknanda ki udasee]. Shabdita. 7(14); 2018; 19-21.
- Tiwari, B. शब्दोंकेअपनेघरानेहोतेहैं: कृष्णासोबती[Shabdon ke apne gharane hote hai: Krishna Sobatee]. Akaar. 18(50); 2018; 185-201.
- Tiwari, B. अमृतलालनागर: एकशख्सियत(नागरनामा- ३) [Amrutlal Nagar: Ek Shakhsiyat (Naagarnaamaa -3)]. Baya. 13(40); 2018; 24-31.

PhDs:

Degree Awarded: 0

`Submitted:-

Students on Roll: 12

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Govekar, S.P. पर्यावरणसंरक्षणकेप्रणेतागुरुजम्भोजी[Paryavaran sanrakshan ke Praneta Guru Jambhoji]. Bhakti Aandolan aur Guru Jambhoji: Vaishvik Sandarbh. 16-17 Feb 2019. Jambhani Sahitya academy, Dept. of Hindi, Goa University, Hariyana Granth Academy and Bishnoee Trust Hindi Vibhag.
- Govekar, S.P. महादेवीवर्माकेनिबंधोमेंनारीविषयकचिंतन[Mahadevi Varma ke Nibhandho mein Nari Vishayak Chintan]. Chayavaad ke sau varsh. 22 Feb 2019. Dept. of Hindi, Goa University; Arvind Pandey Manch, Goa.
- Mandrekar, V.S. गांधीजीऔरराष्ट्रभाषा[Gandhiji aur Rastrabhasha]. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa University.
- Mandrekar, V.S. लोकसंस्कृतिऔरहिन्दी[Lok sanskriti aur Hindi]. 11. World Hindi Conf., Mauritius. 18-20 Aug 2018. Videsh Mantralaya.
- Mishra, R.N. क्रोएशियाकीसंस्मरणात्मकयात्रा[Croatia ki Sansmarnatamak Yatra]. Ekkisvee Sadi ki Kathetar Gadya Vidhaye: Dasha, Disha aur Sambhavanayen. 7-8 Dec 2018. Bharteeya Hindi parishad Prayag, Hindi sansthan U.P. and B.K. Birla P.G. College, Kalyan, Mumbai.
- Mishra, R.N. क्रोएशियामेंहिंदीकास्वरूपएवंअवदान[Croatia mein Hindi ka Swarup evam Avadan]. Vaishvik Star Par Hindi ka Prayog aur Upyog. 13-15 Feb 2019. Dept. of Hindi, Kerala Central University, Kasargod.
- Mishra, R.N. भक्तीआंदोलनऔरगुरुजम्भोजी: वैश्विकसन्दर्भ[Bhakti Aandolan aur Guru Jambhoji : Vaishvik Sandarbh] **(Keynote)**. Bhakti Aandolan aur Guru Jambhoji: Vaishvik Sandarbh. 16-17 Feb 2019. Jambhani Sahitya academy, Dept. of Hindi, Goa University, Hariyana Granth Academy and Bishnoee Trust Hindi Vibhag.
- Tiwari, B.B. निरालाकीसम्पदाकला[Nirala Ki Sampadan Kala]. Nat. Seminar On Chayavad Ke Sau Varsh. 22 Feb 2019. Dept. of Hindi, Goa University.

Lectures on other occasions

- Madgaonkar, V. Critical appreciation of a book 'Pratibimb'. Critical Appreciation Session. 23 Jul 2018. Institute Menezes Braganza.
- Madgaonkar, V. Critical appreciation of a book 'Parichayatale Career'. Critical Appreciation Session. 28 Aug 2018. Institute Menezes Braganza.
- Mandrekar, V.S. Hindi Rastrabhasha (**Interview**). 26 Sep 2018. Doordarshan, Panaji.
- Mandrekar, V.S. Hindi Sahitya. 103rd Orientation Programme. 3 Jan 2019. UGC-HRDC, Goa Univ.
- Mandrekar, V.S. Ikisavi Sadi ki Atmakatha. Ikisavvi Sadi ki Gadyettar Vidhayein: Refresher Course in Hindi. 4-5 Jul 2018. UGC-HRDC, Goa Univ.
- Mandrekar, V.S. Translation. 1 Mar 2019. Indian Bureau of Mines (Regional office, Goa).
- Mandrekar, V.S. Upnyas Sahitya. 102th Orientation Programme. 7 Dec 2018. UGC-HRDC, Goa Univ.

Department of Konkani

Faculty:

Full-time

- **Kripali Banerjee Naik**, *M.A.*, Assistant Professor – Feminist Literature, Indian Literature
- **Prakash S. Parienkar**, *Ph.D.*, **Associate Professor and Head** – Sociological Study of Literature, Special Study of Konkani Novels, Research Methodology

Contractual:

- **Edna Vaz Fernandes**, *M.A.*, Assistant Professor

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Anvita Abbi	JNU, New Delhi	The World View of the Pre Neolithic tribe of India: The great Andaman	10 Dec 2018
Dr. Renuka Ozarkar	Mumbai University	Field Linguistics: Methods and Stages	1 Mar 2019
Dr. Hanumant Chopdekar	Smt. Parvati Bai Chowgule College, Margaon Goa	References for Research Article	19 Mar 2019

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Konkani Community and Meet Konkani Authors Programme	27 Aug 2018	Goa University
Konkanitlee Baki Kavita: Aswadan, Anuwad Ani Arthavan (The "Baki" Poetry in Konkani: Appreciation, Translation and Interpretation)	22-23 Oct 2018	Goa University

"काव्यशृजन": Poet Shankar Ramani Konkani Poetry Recitation Competition	20 Feb 2019	Goa University
Ghuspallem Janvem : Ek Pari Charchya	7 Mar 2019	Goa University
Mahila: Abhivyakti, Chintan and Karya	8 Mar 2019	Goa University
महिला: अभिव्यक्ती, चिंतनअनीकार्य	8 Mar 2019	Goa University
Translation Workshop Bhasha-Vardhini"(भाशा-वर्धिनी)	25-27 Mar 2019	Goa University

PhDs:

Degree Awarded: 0

Submitted: -

Students on Roll: 4

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Naik, K. कोंकणीसाहित्यातपर्यावरणभूमंडलीकरणआनीगांधीविचार[Konkani Sahityat Paryavaran Bhumandalikaran aani Gandhivichar]. *Sahitya me Paryavaran Bhumandalikararn Tatha Gandhivichar ki Prasangikata*. 23 Sep 2018. Sahitya Akademi, New Delhi & Vishvakaosh Trust Gujarat.
- Naik, K. २१व्याश्वेकड्यातलीस्त्रीलिखितकोंकणीकविता:एकमंथन[21vya Shyekadyatli Stree Likhit Konkani Kavita: Ek Manthan]. *Konkani mein Mahilaoka Sahitya*. 27-28 Apr 2019. Sahitya Akademi, New Delhi; Aashavadi Prakashan, Mumbai.
- Naik, K. १९९२मेर्येच्याकोंकणीकवित्येतलोबायलांचोतालो[1992 Meryenchya Konkani Kavityetlo Bayalancho Talo]. *Konkanitli Baki Kavita: Aswadan Anuwad Aani Arthavan*. 22-23 Oct 2018. Department of Konkani; Bakibab Borkar Comparative Chair Goa University.
- Naik, K. Influence of Gandhi on Konkani literature. *Seminar on Multifaceted Mahatma: Revisiting Gandhi*. 26 Mar 2019. Dept. of English, Goa University.
- Parienkar, P.S. कोंकणीसाहित्यातपरिवर्तनीयचिंतन[Konkani Sahityant Paryavarniy Chintan]. *Nat. Seminar on Environmental reflection in the literature of West Zone Languages*. 21 Jan 2019. Sahitya Akademi, New Delhi; St. Gonsalo Gracia Arts & Com. College, Vasai, Palghar.
- Parienkar, P.S. Environmental movement in Goa. *Nat. Seminar on Bhakti Andolan Aur Guru Jambhoji: Vaishvik Sandarbh*. 16-17 Feb 2019. Jambhoji Sahitya Akademi, Bikaner; Haryana Granth Akademi, Panchakula; Dept. of Hindi, Goa University; Vishnoi Welfare Trust; Vishnoi Samaj, Goa.
- Parienkar, P.S. कोंकणीकथेंतआयल्लें....चित्रण[Konkani Kathent Aillem Chitran]. *Socio Cultural Aspects of Konkani Prose Literature*. 23 Feb 2019. Department of Konkani & Sociology, Fr. Agnel College of Arts & Commerce, Pilar, Goa; Goa Konkani Akademy.
- Parienkar, P.S. Konkani Novel. *Nat. Seminar on Some thoughts on Konkani Literature*. 13 Mar 2019. Dept. of Konkani, Fr. Agnel College of Arts & Commerce, Pilar, Goa; Konkani Adhayan Pith, Mangalore University.
- Parienkar, P.S. कोंकणीकथाआनीस्क्रिनप्लेलेखन[Konkani Katah Ani Screen Play Writing]. *Nat. Seminar on Kankani Cinema Ek Nadar Ek Vallakh*. 15-16 Mar 2019.

Dept. of Konkani, Dhempe College of Arts & Science, Miramar, Goa; Goa Entertainment Society.

- Parienkar, P.S. Konkani Translation. *Anuvaad Samvaad*. 22 Mar 2019. Ravindra Bhavan, Margao, Goa.
- Parienkar, P.S. कथासाहित्यांतआदिलोकजीवनाचेंदर्शन[Katha Sahityant Adi Lok Jeevanachem Darshan] **(Keynote)**. *Nat. Seminar on Konkani Aadi Sahitya Ani Samaz Darpan*. 12-13 Dec 2018. C.E.S. College of Arts & Com., Cuncolim Goa.
- Parienkar, P.S. **(Keynote)**. *Seminar on Mahabaleshwar Sail hanchem Kathanatmat Sahitya: Swaroop Ani Samiksha*. 27 Feb 2019. Smt. Parvatibai Chowgule College of Arts and Science, Gogol, Margao, Goa.

Lectures on other occasions

- Parienkar, P.S. Konkani literature. 2 Aug 2018. Doordarshan, Panaji.
- Parienkar, P.S. Importance of education & new challenges. Government School, Molrem, Sattari, Goa.
- Parienkar, P.S. Rural talent and the challenges before us. Swami Vibekanand Vidya Mandir, Keri Sattari, Goa.
- Parienkar, P.S. Bio-diversity of Mhadei region. 29 Sep 2018. Bookworm, Panaji.

Department of Marathi

Faculty:

Full-time

- **Vinay Madgaonkar**, *Ph.D.*, Assistant Professor – History of Modern Marathi Literature (1818-1947) & Marathi Translations from Indian Literature
- **Sunita S. Umraskar**, *Ph.D.*, Associate Professor – Linguistics, Medieval Marathi Literature and Modern form of Literature

Contractual:

- **Geeta S. Yerlekar**, *Ph.D.*, Assistant Professor – Form of literature (Literary Essays), Goan Marathi Literature (Post-Liberation Period), Marathi Modern Poetry & Marathi Criticism

Major Thrust Areas and Achievements:

Thrust Areas:

- Reviewing Marathi Grammar and modern linguistics, Marathi language and its literature (folk literature, Goan Marathi literature, Dalit literature, Christian tradition in Marathi literature) and Modern trends in literary theories

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Workshop on Wikipedia	31 Jan-1 Feb 2019	Goa University
<i>LokSahityacha Aabhyas : Sanshodhan</i> vñ	21-22 Feb 2019	Goa University

<i>Aavhaane</i>		
Workshop on Research Methodology	25-26 Feb 2019	Goa University

Research publications:

Articles in journals:

- Madgaonkar, V. Goan freedom Struggle and 'Hom-kand' Started by Jeevanmukt Maharaj. *Research Journey*. 183(A); 2019; 1-8.

Book chapter:

- Madgaonkar, V. लोकसाहित्याचा अभ्यास: संशोधनवावधाने [Loksahityacha Abhyas: Sanshodhan va Aavhane]. Department of Marathi, Goa University. 2019; 181pp. DoI:

PhDs:

Degree Awarded: 0

Submitted: 0

Students on Roll: 6

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Madgaonkar, V. जागोर [Jagor]. *Seminar on Making of Goan identity*. 15 Mar 2019. Dept. of History, Goa University.
- Madgaonkar, V. गोमंतकीयकविता [Gomantakiy Kavita]. *Nat. Conf. On Badalte Sanskrutik Paryavaran ani Marathi Kavita*. 4-5 Jan 2019. Shankarrao Bhelke Mahavidyalay, Pune; Savitribai Phule Pune University.

Lectures on other occasions

- Madgaonkar, V. Pratibimb (Hindi translation of a book on Goan Marathi Stories). 23 Jul 2018. Institute Menezes Braganza, Panaji

Umraskar, S. भाषाआणिसंशोधन [Bhasha ani Sanshodhan]. *Workshop on Research Methodology*. 1 Feb 2019. Dept. of Marathi, Goa University.

Department of French and Francophone Studies

Faculty:

Full-time

- **Irene Silveira**, M.A., Assistant Professor and In-charge – French and Francophone Literature, Culture Studies, Teaching Methodology
- **Anuradha Wagle**, Ph.D., Professor (on lien) – Translation, Linguistics, Teaching Methodology

Contractual:

- **Kshama Dattaram Dharwadkar**, M.A., Assistant Professor (Contract) – Translation, Linguistics, Phonetics, Mythology
- **Natasha Maria Gomes**, M.A., Assistant Professor (Contract) – ICT, Teaching Methodology, Culture Studies

•**Eleonore Pascolini**, M.A., Tutor – Literature, French Culture and Civilization.

Major Thrust Areas and Achievements:

Thrust Areas:

•Translation Studies, Linguistics, Didactics, French and Francophone Literature, Cinema and Theatre Studies, Functional French, Culture Studies

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Quarter-final round (Goa) of Idole Indienne- French singing competition	14 Jul 2018	Goa University, Alliance Française, Panaji and Indian Association of Teachers of French
Semi-Finals – Goa of Idole Indienne 2018, Singing Competition	18 Aug 2018	Goa University and Indian Association of Teachers of French
Semaine de la francophonie - a series of interdepartmental events for Francophones that included film screenings, a quiz and picnic à la Française.	18-22 Mar 2019	Goa University
Creative Writing Workshop “ Cadre d’Or”	28 Mar 2019	Goa University
International teacher training workshop, ‘ Université d’été’	20-24 May 2019	French embassy, Centre de Linguistique Appliquée, Université de Franche-Comté, Besanson, France

Research publications:

Articles in journals:

- Dharwadkar, K.D. ICT: A game changer in language learning and teaching. Research Chronicler. 6(11); 2018; 85-88. DoI: http://research-chronicler.com/reschro/pdf/v6i11/61116-FINAL_Done_-_ICT-_A_game_changer_in_language_learning_and_teaching_-_Kshama_Dharwadkar.pdf
- Dharwadkar, K.D.; Dsena, J. Reconstitution de soi: Genre et Identite diasporique. Caraiveti-Demarche de sagesse. 2(1); 2018; 43-49. DoI: http://www.caraiveti.com/Uploads/UserFileUpload/FU_386413.pdf
- Meyer, D.C.; Wagle, A. « Au Bord de l’Inde » : du local au global. Revue japonaise de didactique du français. 13(43467); 2018; 181-194. DoI: https://doi.org/10.24495/rjdf.13.1-2_181

Book chapter:

- Wagle, A. Tr. Ce sont mes enfants; Bhurgim Mhugelim Tim [Short fiction by Damodar Mauzo]. Rangoli: Anthologie de nouvelles indiennes contemporaries, Ed. by Chaudhry, K., Kamala, N.. 2018; 70-85.

PhDs:

Degree Awarded: 1

Submitted: 1

Students on Roll: 3

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Dharwadkar, K. ICT: A game changer in language learning. Nat. Seminar on Use of Technology in Language Learning and Teaching. 11 Sep 2018. Nagindas Kandwala College, Mumbai.
- Dharwadkar, K. Career in Translation: Scopes and Challenges. Int. Symposium on Know more about French and France: Academic, Cultural and Commercial Opportunities. 29 Sep 2018. Symbiosis Institute of Foreign and Indian Languages (SIFIL), Pune.
- Dharwadkar, K. Reconstitution de soi-Genre et identité diasporique. Int. Conf. on Migrations, Mémoires, Mutations: Passage en Imaginaire. 6-8 Dec 2018. Benaras Hindu University, Varanasi.
- Dharwadkar, K. The character of Karna in the Great Indian Novel and The Palace of Illusions- Analysing the rubrics of translation in the English and French versions. Int. Seminar on Negotiating Culture: New Frontiers in Translation and Language Learning. 22-23 Jan 2019. Gauhati University, Gauhati.
- Gomes, N: Demystifying Goenkarponn in Foreign Language Textbooks: Cultural identity discourse in French and Portuguese textbooks by the Goa Board of Secondary and Higher Secondary Education. Seminar on Making of Goan Identity. 15 Mar 2019. Dept. of History, Goa University.
- Gomes, N: The Mahatma in Music: Representations of Gandhi in French songs. Seminar on the Multifaceted Mahatma: Revisiting Gandhi on his Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa University.
- Silveira, I. Accounts of Goan immigrant gatherings in the 1920s Colonial Periodical Press: Goa Chapter. Int. Seminar on Estado da Índia: Colonial Periodical Press, Politics & Culture, Government. 21-23 Jan 2019. College of Arts, Science and Commerce, Quepem- Goa, India, Instituto Camoes and Goa University.

Silveira, I. Fostering Goan Identity through sport and festivity. Seminar on Making of Goan Identity. 15 Mar 2019. Dept. of History, Goa University.

Department of Portuguese and Lusophone Studies

Faculty:

Full-time

- **Scarlet Ava Fernandes**, M.A., **Assistant Professor and In-charge** – Portuguese Literature & Culture
- **Dhruv Sudin Usgaonkar**, M.A., Assistant Professor – Portuguese Literature & Culture

Other:

- **Franz Schubert Agnelo De Miranda Cotta**, M.A., Assistant Professor (Contract) – Culture and literature

•**Delfim Correia DaSilva**, M.A., Assistant Professor / Visiting Faculty – Interdisciplinary Portuguese Studies (Teaching Portuguese as Foreign Language, Portuguese Literature and Linguistics)

•**Loraine Ethel Barreto Alberto**, M.A., Assistant Professor (Contract) – Indo-Portuguese Literature and Culture

•**Pedro Manuel Sobral Pombo**, Ph.D., Assistant Professor / Visiting Faculty – 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.

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Hugo Canelas Cardoso	University Of Lisbon, Portugal	J.H. Cunha Rivara Chair V.R.P.P. Course Pro 121 Language Contact in South Asia and the Role of Portuguese	13-24 Aug 2018
Hugo Canelas Cardoso	University Of Lisbon, Portugal	Portuguese manuscripts in the Malabar	13 Aug 2018
Ângela Barreto Xavier	University Of Lisbon, Portugal	J.H. Cunha Rivara Chair V.R.P.P. Course Pro 124 Goa in the making of the Portuguese empire (16th-18th centuries)	23 Jul-6 Aug 2018
Ângela Barreto Xavier	University Of Lisbon, Portugal	Writing the politics of empire from goa: Goans of Indian origin	3 Aug 2018
Amélia Polónia	University Of Porto, Portugal	J.H. Cunha Rivara Chair V.R.P.P. Course Pro 123 New Historiographical perspectives on Portuguese Overseas Expansion	21-28 Jan 2019
Amélia Polónia	University Of Porto, Portugal	Understanding empire building “from below”: contacts between the self and otherness - the case of Fernão Mendes Pinto's Peregrinação	21 Jan 2019
Walter Rossa	University Of Coimbra, Portugal	Goa's capital cities process and meanings: I. Velha Goa	23 Jan 2019
Susana Sardo	University Of Aveiro, Portugal	Words for singing in O Ramalhetinho (1866-1870): The Construction of a Goan Musical Repertoire through Periodical Local Press	23 Jan 2019
Walter Rossa	University Of Coimbra, Portugal	J.H. Cunha Rivara Chair V.R.P.P. Course Pro 125 Heritage(s) of Portuguese Influence in the Indian Ocean Borders	24-30 Jan 2019
Susana Sardo	University Of	J.H. Cunha Rivara Chair V.R.P.P.	29 Jan-8

	Aveiro, Portugal	Course Pro 122 Lusosonia: Post-colonial cartographies on sounds and memories	Feb 2019
--	------------------	--	----------

Achievement:

- Sahapedia-UNESCO Fellowship 2019 to Dr. Pedro Pombo

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
IV Int. Symp. on Goa: Cultures, Languages & Literature	21-23 Jan 2019	Goa University

Research publications:

Book Chapter:

- Pombo, P. Soaking cartographies: Of waters, landscapes and materialities. Monsoon [+ other] Waters, Ed. by: Lindsey Bremner. Monsoon Assemblages Publication. 2019; 127-138. DoI: <http://www.monass.org/wp-content/uploads/2019/02/MonsoonotherWaters.pdf>

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Alberto, L. Music in the making of a true Goan identity: Composers from the island of Divar. Seminar on Making of Goan identity. 15 Mar 2019. Dept. of History, Goa University.
- Alberto, L. Superstition and myth in rural Goan society as exposed by Agostinho Fernandes in Bodki. Int. Seminar on Estado Da Índia: Colonial Periodical Press, Politics & Culture and The 4th Int. Symp. on Goa: Cultures, Languages & Literatures. 21-23 Jan 2019. Govt. College Of Arts, Science & Commerce, Quepem; Camoes Instituto Da Cooperacao E Da Lingua; Goa University.
- Cotta, F.S. Making of Goan identity: From identity crisis to affirmation of identity and the common Goan stereotypes. Seminar on Making of Goan identity. 15 Mar 2019. Department of History, Goa University.
- Cotta, F.S. Litany in Goa: A practice in transformation. Int. Seminar on Estado Da Índia: Colonial Periodical Press, Politics & Culture and The 4th Int. Symp. on Goa: Cultures, Languages & Literatures. 21-23 Jan 2019. Govt. College Of Arts, Science & Commerce, Quepem; Camoes Instituto Da Cooperacao E Da Lingua; Goa University.
- daSilva, D.C. O Ensino da Língua Portuguesa através do texto literário goês: um espaço de memória e de redescoberta multicultural. Int. Colloq. Arolínguas. 20-22 Sep 2018. AROLÍNGUAS (The Portuguese Association of Foreign Language Teachers in HEIs), Faculty of Arts and Humanities, University of Porto.
- daSilva, D.C. Teaching Portuguese Language Skills through Goan Literature and Performing Art. 4. Int. Symp. on Goa: Cultures, Languages & Literature. 21-23 Jan 2019. Camões-CLP; Government College of Arts, Science and Commerce & Goa University.
- daSilva, D.C. Bosquejo de um Cânone da Literatura Goesa para o Ensino da Língua Portuguesa no Século 21. Int. Seminar of Philosophy and Literature of Portugal-Goa: East(s) and West(s). 16-17 May 2019. Research Group Roots and Horizons of

Philosophy and Culture in Portugal, Institute of Philosophy of the University of Porto; Faculty of Arts and Humanities, University of Porto.

- Fernandes S.A. Victor Rangel-Ribeiro's construction of a Goan Identity in "Tivolem". Seminar on Making of Goan Identity. 15 Mar 2019. Dept. of History, Goa University.
- Fernandes S.A. Cecilia Meireles: Mirroring the Mahatma. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa University.
- Pombo, P.M.S. Water, soil and cultural cartographies: Sensing Goa through its cultural landscapes. Int. Seminar on Making Goa Identity. 3 Mar 2019. Goa University.
- Pombo, P.M.S. Cultural cartographies: Sensing Goa's heritages and landscapes. 10 Jun 2019. Thus, 6 Assagao, Goa.

2.2 Faculty of Social Sciences

Faculty of Social Sciences



Departments and Degrees:

Department of Economics	(M.A., M.Phil., Ph. D.)
Department of Sociology	(M.A., M.Phil., Ph. D.)
Department of Philosophy	(M.A., M.Phil., Ph. D.)
Department of History	(M.A., M.Phil., Ph. D.)
Department of Political Science	(M.A., M.Phil., Ph. D.)
Centre for Latin American Studies	(M.A., M.Phil., Ph.D.)
Centre for Women's Studies	(M.A., Ph. D.)
Department of Library and Information Scienc	(BLISc, MLISc)

FACULTY BOARD

Dean, Faculty of Social Sciences	Chairperson (Ex-Officio)
Head Department of Economics	Member (Ex-Officio)
Head Department of History	Member (Ex-Officio)
Head Department of Philosophy	Member (Ex-Officio)
Head Department of Sociology	Member (Ex-Officio)

Head, Department of Political Science	Member (Ex-Officio)
Director, CLAS	Member (Ex-Officio)
Teacher Incharge, Department of Women Studies	Member (Ex-Officio)
Head, Department of Library Science	Member (Ex-Officio)
Prof. Koshy Tharakan	Member (Ex-Officio)
Prof. (Smt) Silvia Maria De Mendonca Noronha	Member (Ex-Officio)
Prof. U. A. Vinay Kumar	Member (Ex-Officio)
Prof. P. K. Sudarsan	Member (Ex-Officio)
Prof. (Smt.)Sanjyot D. Pai Vernekar	Member (Ex-Officio)
Prof. Pranab Mukhopadhyay	Member (Ex-Officio)
Dr. (Ms.) Alakananda P. Shringare	Member
Shri Dattesh Parulekar	Member
Shri Parag D. Porobo	Member
Dr. (Ms.) Seema Risbud	Member
Dr. (Smt.) Joanna Pereira Coelho	Member

Department of Economics

Faculty:

Full-time

- Silvia Maria De Mendonca Noronha, Ph.D., Professor and Head – Labour Economics & Industrial Relations, Development Economics
- Heena S. Gaude, M.A., Assistant Professor – Agriculture in Goa, Macroeconomics
- Pranab Mukhopadhyay, Ph.D., Professor – Environment, Macroeconomics, Growth
- P.K. Sudarsan, Ph.D., Professor – International Economics, Economic Theory, Applied Economics

Contractual:

- M.D. Aiholi, M.A., Assistant Professor

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Prabhat Patnaik	Professor Emeritus, Jawaharlal Nehru University	Development Challenges in contemporary India	28 Jan to 1 Feb 2019
Dr C. Rammanohar Reddy	Former Editor of the Economic and Political Weekly	Development Challenges in contemporary India	28 Jan to 1 Feb 2019

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in
----------------------	--------	-------	----------------	---------------

				Lakhs)
Mukhopadhyay, P.	Completed	Consultant contract	International Centre for Integrated Mountain Development, Kathmandu, Nepal	2.52

Research publications:

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

- Bawa, M.; Sudarsan, P.K. Financial inclusion and its determinants: The case of Goa. Journal of Economic Policy & Research. 13(2); 2018; 2-16. URL: <https://www.ipeindia.org/microsites/data/Journal%20of%20Economic%20Policy%20&%20Research%20April-September,2018%20issue.pdf>
- Bawa, M.; Sudarsan, P.K. Financial inclusion and its determinants: The case of Goa. Journal of Economic Policy & Research. 13(2); 2018; 35-49. URL: <https://www.ipeindia.org/microsites/data/Journal%20of%20Economic%20Policy%20&%20Research%20April-September,2018%20issue.pdf>
- *Manjula, M.; Venkatachalam, L.; Mukhopadhyay, P.; Kumar, L. Ecosystem services approach for revitalizing agriculture in India. Current Science. 116(5); 2019; 723-727. URL: <https://www.currentscience.ac.in/Volumes/116/05/0723.pdf>
- *Mukhopadhyay, P.; Tapaswi, M.P.; Sudarsan, P.K. Does autonomy of colleges make a difference to academic outcomes? Current Science. 115(5); 2018; 817-818. URL: www.currentscience.ac.in/Volumes/115/05/0817.pdf

Book chapter (* in Scopus list)

- *Bhattarai, R.C.; Mukhopadhyay, P.; Somanathan, E. Transaction Costs in Irrigation Management in Kathmandu Valley, Nepal. Ecology, Economy and Society, Ed. by: Dayal, V.; Duraiappah, A. and Nawn, N. Springer, Singapore. 2018; 165-183. DOI: https://doi.org/10.1007/978-981-10-5675-8_10

PhDs:

Degrees Awarded: 2

Submitted: -

Students on Roll: 16

Department of Sociology

Faculty:

Full-time

- Joanna Pereira Coelho, Ph.D., Assistant Professor – Sociology of Indian Society, Sociology of Language, Environment and Society
- Favita Rochelle Dias, M.A., Assistant Professor – Caste, gender and sexuality
- Mozhina Fernandes, M.A., Assistant Professor – Tribal culture, Gender studies
- Ganesha Somayaji, Ph.D., Professor and Head – Social Theory, Sociology of Language, Food and Society

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Coelho, J.P. (PI); Somayaji, G. (Co-PI)	Completed	Deterritorialization, Nationalism, and Cultural Homogenisation: A Study of Insinuations and the Public Sphere Among the Tibetans in Exile	ICSSR	8.25

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
How to enhance innovative agrarian and marine food production techniques?	27 May 2019	Goa University

Research publications:**Articles in journals:**

- Coelho, J.P. Standardisation of the Konkani public sphere in the late twentieth century. IASSI Quarterly. 35(43467); 2016; 19-34.

Articles in conference proceedings:

- Coelho, J.P. Home is not always where the heart is': Dialectics of exile among the Tibetan diaspora. Proc. Int. Seminar on Gods, guns and globalism: Critical theories today and tomorrow. 2018; 113-118.

Book chapter:

- Coelho, J.P. Citizenship and nationality: The dynamic 'Home' of Goan Catholics in Swindon, England. Mapping Indian diaspora: Contestations and representations, Ed. by: Sahoo, A.K.. 2017; 31-52. URL: <https://www.rawatbooks.com/cultural-studies/mapping-indian-diaspora-contestations-and-representations>

PhDs:

Degree Awarded: 0 Submitted: - Students on Roll: 2

Conference Presentations, Lectures, etc.**Conference presentations/ lectures**

- Fernandes, M. The shuddhi movement: Formation of nav-Hindu Gawda community in Estado da India. Int. Seminar on Estado da Índia: Colonial Periodical Press and Politics and 4. Int. Symp. on Goa: Cultures, Languages and Literatures. 21-23 Jan 2019. Govt. College of Arts, Science & Commerce, Quepem and Institute Camões, Panaji.
- Somayaji, G. Voluntarism, social mobilisation and women empowerment: Micro finance and rural social transformation in Western India. CPM, Regional Management Conf. 2018. 4-5 Sep 2018. CPM, Colombo.

Lectures on other occasions

- Dias, F.R. Intersectionality of caste and gender (Invited Lecture). Gender Sensitization Workshop. 20 Mar 2019. UGC-HRDC, Goa Univ.

- Dias, F.R. दादलोआनीबाईलपरस्परसंवाद, युवकांचेनादरेंतल्यान(Dadlo ani Bail Paraspar Samband, Yuvakache Nadrentlyan) [Man-woman relationship] . Mahila: Abhivyakti, Chintan and Karya. 8 Mar 2019. Dept. of Konkani, Goa University.
- Fernandes, M. सामाजीकभेदआनीबायलांमुखावेलींआव्हानां(Samajik Bhed ani Bailam Mukha Veli Avhana) [Social discrimination and challenges before women]. Mahila: Abhivyakti, Chintan and Karya. 8 Mar 2019. Dept. of Konkani, Goa University.

Department of Philosophy

Faculty:

Full-time

- Sanjyot D. Pai-Vernekar**, Ph.D., **Professor and Head** – Medical Ethics
- Koshy Tharakan**, Ph.D., Professor – Philosophy of Social Sciences and Phenomenology

Contractual:

- Siya Sangodkar**, M.A., Assistant Professor – Indian Philosophy

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Dhruv Raina	Jawaharlal Nehru University, New Delhi	Titration the Historiography & Social Theory of Science & Mathematics	11 Dec 2018
Prof. Akeel Bilgrami	Columbia University, New York, USA	Was There A Radical Gandhi?	20 Dec 2018
Prof. Akeel Bilgrami	Columbia University, New York, USA	Secularism & Secularization	21 Dec 2018
Dr. B. R. Shantha Kumari	Department of Philosophy, Pondicherry University	Advaita Vedanta	8 Jan 2019
Prof. Agemir Bavaresco	Pontifical Catholic University of Rio Grande do Sul	Contradiction of Consciousness & the Hegelian Holistic System	7 Feb 2019

Major Thrust Areas and Achievements:

Thrust Area:

- To develop a critical acumen with regard to a significant variety of philosophical problems, notions and systems in both Indian and Western Philosophy.

Research

publications:

Articles in journals:

- Khwaja, A.Z.; Vernekar, S.D.P. Human soul: A religious perspective. Journal of Emerging Technologies and Innovative Research. 5(12); 2018; 12-21. DoI: <http://www.jetir.org/view.php?paper=JETIR1812303>

- Sawaiker, V. Engaging with 'Caste' in higher education: Reflections on critical pedagogy in India. Indian Journal of Dalit and Tribal Studies and Action. 4(1); 2019; 21-32. DoI: <http://www.ticijournals.org/engaging-with-caste-in-higher-education-reflections-on-critical-pedagogy-in-india/>

PhDs:

Degree Awarded: 0

Submitted: 0

Students on Roll: 7

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Pai Vernekar S.D. Contemporary Relevance of Gandhi's Philosophy. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019, Goa University.
- Tharakan, K. Nature as the Other: Exploring alterity in Gandhi's philosophy of environment. Int. Seminar on Self and the Other. 6-8 Mar 2019. Dept. of Philosophy, University of Calicut, Kerala.

Tharakan, K. Secularism: The creative transformation of a Western concept in the Indian ethos. Int. Seminar on Philosophy and Literature: Portugal - Goa: The East(s) and the West(s). 16-17 May 2019. Inst. of Philosophy, University of Porto, Portugal.

Department of History

Faculty:

Full-time

- **N. Shyam Bhat**, Ph.D., Professor – Modern Indian History, History of South Kanara, Indo-Portuguese History and Environmental History of Western India
- **Pratima P. Kamat**, Ph.D., Professor – Indo-Portuguese History and Maritime Studies, Gender Studies, History of Goa
- **Parag D. Parobo**, M.A., Associate Professor – Discourse on Nationalism in Goa, Caste Movements and Political Economy of Post-Colonial Goa
- **Nagendra Rao**, Ph.D., **Professor and Head** – Ancient India, Economic and Social History of Western Coastal India
- **Seema S. Risbud**, Ph.D., Assistant Professor – Indo-Portuguese History, Decolonisation Movements, Social movements, Gender Studies and Studies in Indian Culture and Heritage

Major Thrust Areas and Achievements:

Thrust Areas:

- Indo-Portuguese History, Maritime Studies and Indian History with a special focus on the History of Goa

Projects:

Project Investigat	Status	Title	Funding agency	Grant (Rs. in Lakhs)
--------------------	--------	-------	----------------	----------------------

or				
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	26.60

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
20. Local History Seminar on History of Goa	10 Jan 2019	Goa University
Int. Seminar on Estado da India: Colonial Periodical Press, Politics and Culture and 4. Int. Symp. on Goa: Cultures, Languages and Literature	21 Jan 2019	Goa University
Seminar on Making Goa Identity	15 Mar 2019	Goa University

Research publications:

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

- *Parobo, P.D. The State, networks and family raj in Goa. Studies in Indian Politics. 6(2); 2018; 168-179. DoI: <https://doi.org/10.1177/2321023018797408>

Book (Translation)

- Parab, P.D. (Puranik, S., Tr.) भारताची पहिली लोकसत्ताक क्रांती: दयानंद बांदोडकर आणि गोव्यात बहूजनांचा उदय [Bharatachi Pahili Lokasattak Kranti: Dayanand Bandodkar ani Govyat Bahujanancha Uday]. Orient Blackswan Pvt. Ltd. 2018, 296pp.

PhDs:

Degree Awarded: 0

Submitted: 0

Students on Roll: 7

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Bhat, N.S. Value education at tertiary level (**Session chair**). Nat. Conclave on Value Education. 12-15 Dec 2018. Goa University, GVM's Dr. Dada Vaidya College of Education and Difficult Dialogues.
- Kamat, P.P. Bailadeira, Satti, Bodki: The 'feminine mystique' as the 'feminine ideal' in Indo-Portuguese literature. Int. Seminar on Estado da Índia: Colonial Periodical Press and Politics and 4. Int. Symp. on Goa: Cultures, Languages and Literatures. 21-23 Jan 2019. Govt. College of Arts, Science & Commerce, Quepem and Institute Camões, Panaji.
- Kamat, P.P. Goan identity as Goa STUDIES: The historical development of scholarship in Goa. Seminar on Making of Goan Identity. 15 Mar 2019. Dept. of History, Goa University.
- Kamat, P.P. Of roots and routes: A review of select Indo-Portuguese periodicals from the Goan diasporic world. Int. Seminar on Estado da Índia: Colonial Periodical Press and Politics and 4. Int. Symp. on Goa: Cultures, Languages and Literatures. 21-23 Jan 2019. Govt. College of Arts, Science & Commerce, Quepem and Institute Camões, Panaji.

- Kamat, P.P.; Parab, D.C. Gramadevata worship: Village community interface in Goa: Contextualising the oral tradition of Ghoddemoddni. 20. Local History Seminar on History of Goa. 10 Jan 2019. Dept. of History, Goa University; Directorate of Archives and Archaeology.
- Kamat, P.P.; Parab, D.C. Of Purush, Barazaan, and Sati: Some aspects of ancestor worship in the Bicholim and Sattari talukas of Goa. Int. Seminar on Estado da Índia: Colonial Periodical Press and Politics and 4. Int. Symp. on Goa: Cultures, Languages and Literatures. 21–23 Jan 2019. Govt. College of Arts, Science & Commerce, Quepem and Institute Camões, Panaji.
- Parobo, P.D. Identity, power and politics: The Pragatik Sangh and its leadership struggle in early twentieth century Goa. 20. Local History Seminar. 10 Jan 2019. Goa University and Directorate of Archives and Archaeology, Govt. of Goa.
- Parobo, P.D. Invoking legitimacy: Swamis and Shastras in early twentieth century Goa. Nat. Seminar on Indic Thought: Exploring the Indianness. 28–29 Mar 2019. Indian Council of Social Science Research, New Delhi.
- Parobo, P.D. Maharashtra in the cultural politics of colonial Goa. Int. Seminar on Estado da Índia: Colonial Periodical Press and Politics and 4. Int. Symp. on Goa: Cultures, Languages and Literatures. 21–23 Jan 2019. Govt. College of Arts, Science & Commerce, Quepem and Institute Camões, Panaji.
- Rao, N. Studying Pissurlencar through O'Oriente Portuguez. Int. Seminar on Estado Da Índia: Colonial Periodical Press, Politics & Culture and The IV Int. Symp. on Goa: Cultures, Languages & Literatures. 21-23 Jan 2019. Govt. College Of Arts, Science & Commerce, Quepem; Camoes Instituto Da Cooperacao E Da Lingua; Goa University.
- Rao, N. Village communities of Goa (A.D. 1000-1500). 20. Local History Seminar on History of Goa. 10 Jan 2019. Dept. of History, Goa University; Directorate of Archives and Archaeology.
- Risbud, S.S. An alternative to Satyagraha: Azad Gomantak Dal and Idea Armed Struggle. Seminar on Making of Goan Identity. 15 Mar 2019. Dept. of History, Goa University.
- Risbud, S.S. Fabric and freedom: Vastra as a mark of protest and nationalism. 20. Local History Seminar on History of Goa. 10 Jan 2019. Dept. of History, Goa university and Directorate of Archives and Archaeology Government of Goa.
- Risbud, S.S. Gandhi and Goa's struggle for freedom: Relevance of non-violent Satyagraha technique. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa University.
- Risbud, S.S. Goa's struggle for freedom: Ideologies, organisations, and actions. 2. Int. Multidisciplinary Conf. on Humanities and Social Sciences. 30 Oct 2018. Dept. of History, Devchand College, Arjunnagar, Kagal, Kolhapur; Indo Global Chamber of Commerce, Industries and Agriculture, and Commonwealth Vocational University; and Kingdom of Tonga.
- Risbud, S.S. Goa's struggle for freedom: Indian National Congress and the idea of Poorna Swaraj. Int. Seminar on Estado da India: Colonial Periodical Press, Politics and Culture and 4. Int. Symp. on Goa: Cultures, Languages and Literatures. 21 Jan 2019. Dept. of History, Goa University.

Lectures on other occasions

- Bhat, N.S. Historiography of Indian national movement. 12 Dec 2018. Navodaya Leadership Institute, Canacona, Goa.
- Bhat, N.S. Revolt of 1857 and its historiography. 12 Dec 2018. Navodaya Leadership Institute, Canacona, Goa.
- Kamat, P.P. Goa's History and Culture. 11th Know Goa Programme. 1 Dec 2018. Directorate of NRI Affairs, Government of Goa.

Department of Political Science

Faculty:

Full-time

- Prakash Desai, Ph.D., Assistant Professor – Political Theory, Modern Indian Political Thought, Democracy and Civil Society, West Asia with reference to Contemporary Political Discourses
- Ravaji Vasant Gaunkar, M.A., Assistant Professor – Goan Society and Politics, Political Sociology of India
- Alaknanda P. Shringare, Ph.D., Assistant Professor – Democratic Governance, Public Administration, Rural Development
- Rahul Tripathi, Ph.D., Professor – International Political Economy/ South Asia

Major Thrust Areas and Achievements:

Thrust Areas:

- Democracy, Governance, International Relations and South Asia.

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Shringare, A.	Completed	State Coordinator for National Election Survey 2019-Goa	Lokniti-CSDS, New Delhi	1.46

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Nat. Seminar on Indic Thought: Exploring the Indianness	28-29 Jan 2019	Goa University

Research publications:

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

- *Desai, P.S. Quest for egalitarian socio-spiritual order: Lingayats and their practices. Journal of Human Values. 25(2); 2019; 87-100. DoI: <https://doi.org/10.1177/0971685819826729>

Book chapter:

- Tripathi, R. Marginality and Its Contestations: A Case of Mining Affected in Goa. Workers and Margins, Ed. by: Jammulamadaka, N.. Springer. 2019; 157-174. DoI: https://doi.org/10.1007/978-981-13-7876-8_8

PhDs:

Degree Awarded: 1

Submitted: -

Students on Roll: 14

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Desai, P.S. Political Orientations of Lingayat Community. Nat. Seminar on Contemporary Issues in Indian Politics. 22-23 Feb 2019. Bangalore University, Bangalore.
- Gaunkar, R.V. Exploring the traditions of Goan Tribal Communities. Nat. Seminar on Indic Thought. 28-29 Jan 2019. Dept. of Political Science, Goa University.
- Gaunkar, R.V. Tribal folk. LokSahityacha Aabhyas: Sanshodhan vh Aavhaane. 21-22 Feb 2019. Dept. of Marathi, Goa University.
- Gaunkar, R.V. Gandhis philosophy and policy vision: A study of recent programmes and rural India. Seminar on The Multifaceted Mahatma: Revisiting Gandhi on His Sesquicentennial Birth Anniversary. 26 Mar 2019. Dept. of English, Goa university.
- Shringare, A. New Social Movements and Developmental Trajectory: A Study of Goa. Nat. Conf. on State Politics in India: Perspective from Western Region. 21 Nov 2017. Dhempe College of Arts & Science and Dept. of Political Science, Goa University.
- Shringare, A. Women in Politics of Goa. Nat. Consultation on Women in State Politics. 27-28 Feb 2019. Women's Resource and Advocacy Centre, Chandigarh and National Alliance of Women (NAWO).
- Shringare, A. Panchayati Raj institutions in Goa: Functioning and challenges. Nat. Seminar on Empowerment of Women through 73rd and 74th Amendments: An Overview of 25 Years. 7-8 Feb 2019. Shivaji University, Kolhapur.
- Shringare, A. Idea of Local Governance in Pre-colonial India. Nat. Seminar on Indic Thought: Exploring the Indianness. 28-29 Jan 2019. Dept. of Political Science, Goa University.
- Tripathi, R. Emerging regional and global scenarios: India and South Asia. India Hungary Dialogue. 21 Jan 2019. Indian Council of World Affairs and Institute of Foreign Affairs and Trade, New Delhi.
- Tripathi, R. Ideas of India. Media and the Idea of India. 23 Mar 2019. Karnatak University Dharwad.
- Tripathi, R. Democracy and the Indian Constitution: Some underlying challenges. The Development of Indian Constitution and The Contemporary Challenges to Modern India. 5-6 Mar 2019. Don Bosco College, Goa.

Lectures on other occasions

- Shringare, A. Policy of Goa Government. Special Summer School in Social Sciences. 11 Oct 2018. Dept. of Political Science, Shivaji University, Kolhapur.
- Shringare, A. Relevance of interdisciplinary studies in social sciences. Interdisciplinary Studies Meet. 11 Jan 2019. MES College of Arts and Commerce, Vasco.
- Shringare, A. Writing research proposals. Workshop on Research Methodology. 25-26 Feb 2019. Dept. of Marathi, Goa Univ.

- Tripathi, R. Politics of Image and Media. Refresher Course in English. 28 Feb 2019. UGC-HRDC, Goa Univ.
- Tripathi, R. Interdisciplinarity in Higher Education. 103rd Orientation Programme. 3 Jan 2019. UGC-HRDC, Goa Univ.

Department of International Relations

Faculty :

Full-time

- **Aparajita Gangopadhyay**, *Ph.D.*, Professor – Latin American Studies, International Relations
- **Dattesh D. Parulekar**, *M.A.*, Assistant Professor – International Relations and Area studies

Contractual/ Exchange:

- **Clara Astarloa**, *Master on Creative Writing*, Assistant Professor – Spanish Language, Latin American History, Arts and Culture, North and Latin American Literature, Creative Writing
- **Yugank Naik**, *M.A.*, Assistant Professor (Contract) – International Relations, Latin American Studies, New Social Movements, World Cinema and Decolonization & Identity

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Ambassador Arun K. Singh	Ananta Centre	US Foreign Policy in South Asia	27 Jul 2018
Dr. Ana Claudia Santano	Centro Universitario Autonomo do Brasil, UniBrasil, Brasil	Antidemocratic Regimes and the Jurisprudence of the Inter-American Commission of Human Rights and the Inter-American Court of Human Rights	17 Dec 2018
Ambassador Amit Dasgupta	Former Ambassador, Ministry of External Affairs, GOI	Contemporary Challenges to Diplomacy	7 Feb 2019
Prof. Agemir Bravasco	Pontifical Catholic University of Rio Grande do Sul, Brasil	Understanding the role of Brazil in Latin America and the World	13 Feb 2019
Dr. Benito Raoulx	Department of Geography Faculty of Economics, Management, Geography and Regional Planning, University of Caen- Normandy, France	Las Playitas	15 Feb 2019

Prof. Dieter Heribert	German Institute for International and Security Affairs	The Chain-US Trade Conflict: An European Perspective	25 Feb 2019
-----------------------	---	--	-------------

Major Thrust Areas and Achievements:

Thrust areas:

- Encourage the analytical understanding of the nuances and intricacies of International Affairs amongst students and the younger genre of the State through creation of dedicated verticals, such as the China Studies Programme. The intent, is to focus on scholarship and research, concerning the strategic dimensions of India's Foreign Policy engagements, with East and South East Asia, Maritime Affairs, South Asia, Europe, Israel, as also the study of Conflict Impact Zones, of relevance to India.

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Nat. Seminar on China, India and Latin America: Converging Opportunities and Competitive Challenges in Strategic Triangulation	3 Oct 2018	Goa University
2. India Forum on China at Goa	7-9 Dec 2018	Goa University

Research publications:

Articles in journals:

- Abdulla, N. Brazil's Africa policy: Continuities and changes. *International Journal of Liberal Arts and Social Science*. 6(8); 2018; 1-13. DoI: <https://www.ijlass.org/data/frontImages/articles/Vol.6No.8/1.1-13.pdf>

Book chapter:

- Gangopadhyay, A. Presentación [Foreward]. *India-Venezuela: Análisis comparativo de las medidas de desmonetización [India-Venezuela: Comparative analysis of demonetization measures]*, Ed. by: Briceño, A.J.H., Hurtado, S.Z., Universidad de Los Andes and Grupo de Estudios Económicos sobre Asia. 2019; 11-14. DoI: <http://www.saber.ula.ve/handle/123456789/45688>

Book:

- Lorca, F.G.; Astarloa, C. Tr. Poeta en Nueva York [Poet in New York]. *Lantia Publishing*. 2018; 176pp.

PhDs:

Degree Awarded: 0

Submitted: 0

Students on Roll: 5

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Gangopadhyay, A. Educational linkages between India and the LAC region. *FIEALC Scientific Forum 2018, Macau*. 19 Oct 2018. .

- Gangopadhyay, A. India's foreign policy and Indira Gandhi: An analysis. *Int. Conf. on Indira Gandhi, A Visionary: Revisiting Her Policies and Their Impact*. 19-20 Mar 2018. St. Agnes College, Mangalore.
- Gangopadhyay, A. Strategizing the diaspora: Policy perspectives, substantive engagements in Latin America. *Nat. Seminar on China, India and Latin America: Converging Opportunities and Competitive Challenges in Strategic Triangulation*. 3 Oct 2018. Institute of Chinese Studies; Goa University.
- Parulekar, D.D. A risen China and an emerged India: Quest for a modus-vivendi in accommodated strategic mutual ascendancy in Sino-Indian engagement. *Int. Conf. on Engaging a Rising China: Strategic Options for India*. 15-16 Mar 2019. Institute for Contemporary Chinese Studies, Mahatma Gandhi University, Kottayam.
- Parulekar, D.D. China's contemporary Economic Odyssey in Latin America: Strategic dimensions to transactional interchange. *Nat. MANDALA DIALOGUE Seminar on China's External Economic Engagements*. 20 Dec 2018. Nehru Memorial Museum and Library (NMML), New Delhi.
- Parulekar, D.D. Contemporary Indo-Nepal Engagement: Opportunities and Prospects for Transformation. *Int. Seminar entitled 'Nepal-India Relations: Issues, Emerging Trends, Boosting Cooperation'*. 17 Feb 2019. Asian Institute for Diplomacy and International Affairs (AIDIA), Kathmandu, Nepal.
- Parulekar, D.D. Contending with the 'China' factor in India's act-East policy-dynamic and strategy-impulse: opportunities, challenges and responses. *Nat. Seminar on India-ASEAN Relations: The Historical and Cultural Pedigree to Act East Policy*. 23-24 Mar 2019. Society for Social Empowerment, New Delhi.
- Parulekar, D.D. From region nondescript to theater incandescent: The travails and vicissitudes of India's contemporary central Asian engagement. *Int. Conf. on Ganga to Volga: India's Connectivity with Inner Asia*. 6-7 Mar 2019. UGC Centre for Inner Asian Studies, SIS, JNU, New Delhi.
- Parulekar, D.D. Strategic Latin America: Understanding China's 'occasional-pivot' and India's occasional-embrace in the politico-diplomatic outreach to the region. *Nat. Seminar on China, India and Latin America Converging Opportunities & Competitive Challenges in Strategic Triangulation*. 3 Oct 2018. UGC Centre for Latin American Studies, Goa University & Institute for Chinese Studies (ICS).
- Parulekar, D.D. Structural Transition in the Chinese Economy: A Macroeconomic Perspective. *Int. Seminar on The Chinese Economy and its Implications*. 26-27 Feb 2019. Centre for Contemporary China Studies (CCCS), Ministry of External Affairs, Govt. of India, New Delhi.
- Parulekar, D.D. The strategic economics of Asia-Latin America cooperation: Understanding the India-Latin America-China triangulation. *Macau Forum for Three-Continental Dialogue: Perspectives and Challenges for Cooperation between Asia, Latin America and Central-Southeastern Europe*. 19 Oct 2018. MAPEAL, Macau, China.
- Parulekar, D.D. Understanding Indian Strategic Culture and the Nation's Polity. *Nat. Seminar on Strategic Culture*. 8-9 Feb 2019. Army War College (AWC), Mhow, Indore.

Lectures on other occasions

- Parulekar, D.D. Understanding the Changing Contours and Nuances in Contemporary Indian Foreign Policy. *Naval Higher Command Course (NHCC), 31*. 7 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.

- Parulekar, D.D. Decoding Conflict Management and Resolution (CMR) Theories: From Democratized Peace to Hegemonic Stability. *Naval Higher Command Course (NHCC)*, 31. 7 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Demystifying Latin America in Global Affairs: Making Sense of Chinese and Indian Strategic Engagement with the Region. *Naval Higher Command Course (NHCC)*, 31. 11 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. From Dark Backwater to Future Frontier: Understanding the Scope of Sino-Indian Competitive Courtship of a Rising African Continent. *Naval Higher Command Course (NHCC)*, 31. 11 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. The Central Asian Republics (CARs) in the 21st Century New Great Game: Strategically Navigating Russian Tutelage, Chinese Traction-Leverage, US Indifference, and Indian Embrace. *Naval Higher Command Course (NHCC)*, 31. 15 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. The Chinese Political Economy Decoded: Delineating Strategic Objectives, Deployed Instrumentalities, Deliverable Outcomes. *Naval Higher Command Course (NHCC)*, 31. 25 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Putin's Russia, in its Periphery and Beyond: Instrumentalizing Disruption, Exploiting Strategic Churn, and Optimizing Multi-Alignment. *Naval Higher Command Course (NHCC)*, 31. 25 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Strategic Churn and Sovereign Outreach in Pursuance of Power Projection and National Development in the Indo-Pacific: US Pivot-to-Asia, China's Orienting West, India Acting East. *Naval Higher Command Course (NHCC)*, 31. 26 Sep 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Capacity Building in the Indian Ocean Region (IOR): Desirability vs Viability. *Int. Conf. on Building Stronger Maritime Partnerships in the Indian Ocean Region (IOR)*. 16 Oct 2018. Global Maritime Symposium 2018, Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Reshaping Contours and Cooperative Vistas in 21st Century Indo-French Strategic Partnership. *Naval Higher Command Course (NHCC)*, 31. 8 Nov 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Mapping an India-Japan Compact: Impinging on Strategic Cooperation and Competition in the Indo-Pacific. *Naval Higher Command Course (NHCC)*, 31. 8 Nov 2018. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Forging Strategic Equilibrium through 'Link-West': Navigating the Challenge of Interlocking Relationships in the 'Israel-Saudi-Iranian' Triad, for Indian Foreign Policy (*Special Plenary Lecture*). 6 Feb 2019. Indian Naval Academy (INA), Kannur, Kerala.
- Parulekar, D.D. Understanding India's Contemporary Latin America Policy and Evolution in Engagement. *Indian Foreign Policy Module of the Kautilya Fellows Programme (KFP) Workshop*. 19 Feb 2019. India Foundation, New Delhi.
- Parulekar, D.D. Conceptualizing 'PEACE' in Theory and Praxis of International Relations and Strategic Studies. *Naval Higher Command Course (NHCC)*, 31. 22 Jan 2019. Naval War College (NWC), INS Mandovi, Goa.

- Parulekar, D.D. Understanding Conceptual and Operative 'CONFLICT', in Sub-Regional, Regional, Inter-Regional and Global Perspectives. *Naval Higher Command Course (NHCC)*, 31. 25 Jan 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Decoding Strategic growth and development in Conceptual and Process Terms: Regional and Global Perspectives and Linkages. *Naval Higher Command Course (NHCC)*, 31. 29 Jan 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Demystifying state collapse & state failure: Deficiencies, Dysfunction, Dislocation. *Naval Higher Command Course (NHCC)*, 31. 30 Jan 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Analysis and Discourse on human security: Humanitarian Intervention & the Responsibility-to-Protect (R2P). *Naval Higher Command Course (NHCC)*, 31. 11 Mar 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Deciphering Entrenched Conventional Frameworks for Peace, Security and Stability: peacekeeping, peacemaking, peacebuilding, peace-enforcement. *Naval Higher Command Course (NHCC)*, 31. 12 Mar 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Defining the Dynamics and Mechanics of conflict-management and conflict-resolution Phenomenon. *Naval Higher Command Course (NHCC)*, 31. 13 Mar 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Understanding Contemporary Trajectory of 'Polity' and 'Politics' in China's Executive Governance: Structures, Systems, Processes. *Naval Higher Command Course (NHCC)*, 31. 25 Apr 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Demystifying the Chinese Economy in Domestic Statecraft: Structures, Strategic Dimensions, Emerging Patterns and Trends, Imperatives for Recalibration'. *Naval Higher Command Course (NHCC)*, 31. 27 Apr 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. China as an 'Actor' and 'Factor' in Regional and Global Geo-Economics: Trade, Investment, Resource-Economics, Hard and Soft Wiring Connectivity. *Naval Higher Command Course (NHCC)*, 31. 29 Apr 2019. Naval War College (NWC), INS Mandovi, Goa.
- Parulekar, D.D. Decoding the Dynamics and Mechanics of 21st Century Chinese Economic Multi-lateralism and Financial Mini-lateralism. (AIIB, NDB, etc...). *Naval Higher Command Course (NHCC)*, 31. 30 Apr 2019. Naval War College (NWC), INS Mandovi, Goa.

Department of Women's Studies

Faculty:

Full-time

• **Shaila Desouza, Ph.D, Professor and Head** – Gender, Health, Development, Law and Violence

Contractual:

•**Mamta Kumari**, *Ph.D*, Assistant Professor (Contract) – Feminist Theories, Women's Movements, Feminist Criminology, Gender and media

•**Sulochana Suresh Pednekar**, *M.A.*, Assistant Professor (Contract) – Global Health with special emphasis on Reproductive health of Women, Education, Sanitation and Environment

Tenure:

•**Nishtha Desai**, *Ph.D.*, Assistant Professor Assistant Professor (Tenure) – Child Protection, Violence against Women, Literature

Contributory:

•**Albertina Almeida** *Ph.D.* Gender Human Rights and Law, Public Policy

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prashanti Talpalkar	DM's College, Assagaon, Mapusa	Cultural practices relating to widowhood	30 Oct 2018
Dr. Usha Desai	Doctor by profession and trained tree expert	Women, environment and agencies	17 Dec 2018
Dr Bernadette Gomes	Researcher and Artist	Experience of fieldwork in tribal communities	28 Jan 2019
Dr.Huma Ghosh	San Diego State University, California	Status of Muslim women in Goa	6 Feb 2019
Dr. Meera Chaddha-Borwankar	Retired IPS Officer	Possibilities of joining civil services	26 Feb 2019
Adv. Caroline Colaco	Advocate	Legal advice in relationships	18 Mar 2019
Gayathri Rao Konkar	Counselor	Connections and conflicts: Working towards long and stable relationships	5 Mar 2019

Major Thrust Areas and Achievements:

Achievement:

•Prof. Shaila Desouza is appointed for a second term (4 March 2019 to 3 March 2022) as a member of the Goa State Commission for Women, Government of Goa

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Desouza, S.	Completed	State Resource Centre for	Min. of Women and Child Development, GOI and the	40.00

		Women	Dept. of Women and Child, Govt. of Goa	
--	--	-------	---	--

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Purple Campaign: Government College, Quepem	19 July 2018	Government College Quepem
Training of Sanitary workers of Goa University	25 Jul 2018	Dept. of Women's Studies, Goa University
Training on Menstrual Hygiene Management for Student and Staff	3 Aug 2018 – 5 Sep 2018	Dept. of Women's Studies, Goa University
Purple Campaign: MES College, Vasco	8 Sep 2018	MES College, Vasco
State Resource Centre for Women Inauguration and Symposium on 'Working with Women in Goa: Avenues and Challenges'	8 Sep 2018	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Interactive Workshop with the Employees of '181 Women' Helpline	10 Sep 2018	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Pinnacle Discussion (Weighing the Barriers of the Women's Reservation Bill)	25 Sep 2018	Dept. of Political Science & Dept. of Women's Studies, Goa University
Purple Campaign: PES College, Ponda	5 Oct 2018	PES College, Ponda
Wellness in Sexual Health	11 Oct 2018	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Awareness Generation Programme on <i>Beti Bachao Beti Padhao</i>	11 Oct 2018	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
The Inaugural Relationship Well-Being Workshop	30 Nov 2018	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Film Festival: Looking Through Women's Eyes	13-14 Dec 2018	Dept. of Women's Studies, Goa University
Focusing on the Self in a Relationship	21 Dec 2018	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Inter-Sectoral Consultation Meeting on 'Social Mapping of Women in North Goa'	11 Jan 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)Goa university

Building Healthy Relationship	16 Jan 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Legal Advice in Relationships	18 Jan. 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Purple Campaign: Carmel College, Nuvem	24 Jan 2019	Carmel College, Nuvem
Social Mapping of Women in North Goa (Morjim)	08 Feb 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Social Mapping of Women in North Goa (Chimbel)	12 Feb 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Social Mapping of Women in North Goa (Calangute)	14 Feb 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Pinnacle Discussion (Defending Bharatmata-Reflecting on Ideas of Patriotism and Indianness)	20 Feb 2019	Dept. of Political Science & Dept. of Women's Studies, Goa University
Social Mapping of Women in North Goa (Valpoi)	22 Feb 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Gender Sensitization Training Programme for the '181 Helpline' Crisis Management Team	25 Feb 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Gender Sensitization Training Programme for the Goa Police	27 Feb 2019	State Resource center for Women Dept. of Women's Studies, Goa university
Social Mapping of Women in North Goa (Maullinguem)	28 Feb 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
Connection and Conflicts: Working Towards long and Stable Relationships (Department of Women's Studies)	5 Mar 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)
MEAR 2019 Technovation for Gender Equation	08 Mar 2019	Dept. of Women's Studies, Goa University
Wellness in Sexual Health	13 Mar 2019	The Ministry of Women and Child Development, Government of India

		(MWCD, GoI and GOG)
Purple Campaign: S.S. Dempo College of Commerce and Economics, Bambolim	13 Mar 2019	S.S Dempo College of Commerce and Economics Bambolim
Wellness in Sexual Health	15 Mar 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG), Goa university
Training on: Gender, Work and Development	6-10 May 2019	V.V.Giri National Labour Institute, Noida, UP
Training on: Legal and Psychological Aspects Related to Domestic Violence for '181 Helpline' counselors	29 May 2019	The Ministry of Women and Child Development, Government of India (MWCD, GoI and GOG)

Research publications:

Articles in journals:

- Rivankar, K. Menstrual education process among adolescent girls in Goa. *Quest*. 4(1); 2019; 24-33.

PhDs:

Degree Awarded: 0

Submitted: 0

Students on Roll: 5

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Desouza, S. Overcoming challenges faced by WS centres. A way forward. *Western Regional Conference of Regional Association of Women's Studies*. 17-18 Aug 2018. Aarupadai Veedu Institute of Technology (AVIT), Chennai.
- Pednekar S. School infrastructure and health rights: A gender perspective. *Nat. Seminar on Gender and SRH Rights*. 5-7 Dec 2018. Department of Women's Studies, Calicut University, Kerala.
- Pednekar S. Right to Education Act and universal access to education in India. *2. Int. Conf. on Growth, Development and Sustainability*. 1-2 Mar 2019. FLAME University, Pune.
- Shah, A. Navigating Privileges as a Male Feminist. *Nat. Seminar on Standing in Solidarity within the Feminist Movement*. 13-14 Nov 2018. Dept. of Women's Studies, Pune University

Lectures on other occasions

- Desai, N. Gender and the Media, *Short-term Course on Gender Sensitization*. 23 Mar 2019. HRDC, Goa University.
- Desai, N. Protection of Children from Sexual Offences (POCSO) Act to house masters. 10 Jan 2019. Navodaya Learning Institute, Canacona.
- Desai, N. Protection of Children from Sexual Offences (POCSO) Act to house masters. 6 Dec 2018. Navodaya Learning Institute, Canacona.
- Desai, N. Protection of Children from Sexual Offences (POCSO) Act to house mistresses. 24 Jan 2019. Navodaya Learning Institute, Canacona.

- Desai, N. Protection of Children from Sexual Offences (POCSO) Act to house mistresses. 29 Nov 2018. Navodaya Learning Institute, Canacona.
- Desouza, S. 1) Sexual Harassment of Women at the Workplace Act and 2) Violence against Women. *102nd Orientation Programme*, Nov 2018. UGC-HRDC, Goa University.
- Desouza, S. Caring for Senior Citizens. 1 Sep 2018. Girls Islamic Organization, Goa.
- Desouza, S. Gender Equality. *Inauguration of Gender Champions' Club*. 11 Oct 2018. DM's College of Commerce, Assagao.
- Desouza, S. Issues related to Women. 15 Jun 2018. Nirmala Institute of Education, Altinho, Panaji.
- Desouza, S. Sexual Harassment of Women at the Workplace Act. *103rd Orientation Programme*, 28 Jan 2019. UGC-HRDC, Goa University.
- Kumari, M. Intersectionality and Equity. *Short-term Course on Gender Sensitization*. 23 Mar 2019. HRDC, Goa University.
- Nayak, A. Gender and Development. 17 Nov 2018. Dept. of Development Studies, Birla Institute of Technology and Science, Pilani, K K Birla Goa Campus.
- Nayak, Asawari. Gender and Development. 17 Nov 2018. Birla Institute of Technology & Science, Pilani, K K Birla Goa Campus. Sancoale, Goa.
- Nayak, Asawari. Men against abuse and violence, Mumbai. *Samabhav Film Festival on Gender, Masculinity and Relationships*. 8-9 Jan 2019. Don Bosco College, Panaji, Goa.
- Nayak, A. Why Gender Sensitisation. *Short-term Course on Gender Sensitization*. 19 Mar 2019. HRDC, Goa University.
- Pednekar S. Gender and Violence. 24 Feb 2019. Dyanprassarak Mandal's College of Commerce, Assagao.
- Pednekar, S. Menstrual Exclusion Culture and Menstrual Hygiene Management. *Short-term course on Gender Sensitization*. 20 Mar 2019. HRDC, Goa University.
- Pednekar, S. Menstrual Hygiene Management (Training) for School Teachers. 17-19 Jan 2019. Directorate of Education and Rotary Club, Panaji.
- Pednekar, S. Sanitary Dispensers and Incinerators. *Training on Installation at Saligao Waste Management Cell, Saligao*. 4 Feb 2019. Directorate of Higher Education, Goa.
- Shah, A. Gender & Communication Skills. 9 Feb 2019. Vaddem nagar High School.
- Shah A. Men Against Abuse and Violence- Mumbai. *Samabhav film festival on Gender, Masculinity and Relationships*, 8-9 Jan 2019. Don Bosco College, Panaji, Goa.

Department of Library and Information Science

Faculty:

Full-time

- **V. Gopakumar, Ph.D., Librarian and Head**
- **V. Malvankar, Ph.D., Library Assistant**

Visiting:

- **Milind Mhamal, M.L.I.Sc.,**
- **Swati M. Mhamal, M.L.I.Sc.,**

Research publications:

Articles in journals (* in SCI Journals):

- Gad, P.; Gopakumar, V. Impact of Internet on use of libraries: A study among academic college libraries of Bardez Taluka (North Goa). *International Journal of Next Generation Library and Technologies*. 5(1); 2019; 1-15. DoI: <http://www.ijnlglt.com/files/ijnlglt-vol5iss1-prayangigad.pdf>

2.3 Faculty of Natural Sciences

Faculty of Natural Sciences



Departments and Degrees:

Department of Chemistry	(M. Sc., M.Phil.,Ph. D.,)
Department of Mathematics	(M. Sc., M.Phil.,Ph. D.)
Department of Computer Sc & Tech	(M. C. A., M.Phil.,Ph. D.)
Department of Physics	(M. Sc., M.Phil.,Ph. D.)
Department of Electronics	(M. Sc., M.Phil.,Ph. D.)
Department of Earth Science	(M. Sc.,M.Phil., Ph. D.)

FACULTY BOARD

Dean, Faculty of Natural Sciences	Chairman (Ex-Officio)
Head, Department of Physics	Member (Ex-Officio)
Head, Department of Chemistry	Member (Ex-Officio)
Head, Department of Mathematics	Member (Ex-Officio)
Head, Department of Electronics	Member (Ex-Officio)
Head, Department of Computer Science & Tech.	Member (Ex-Officio)
Head, Department of Earth Science	Member (Ex-Officio)

Prof. J. A. E. Desa	Member (Ex-Officio)
Prof. V. P. Kamat	Member (Ex-Officio) (Presently Registrar)
Prof. K. Mahender	Member (Ex-Officio)
Prof. Santosh Tilve	Member (Ex-Officio)
Prof. R. V. Pai	Member (Ex-Officio)
Prof. V. S. Nadkarni	Member (Ex-Officio)
Prof. K. R. S. Priolkar	Member (Ex-Officio)
Dr. Anthony A.A.A. Viegas	Member
Dr. V. M. S. Vernekar	Member
Dr. Jyoti Pawar	Member
Dr. M. Kunhanandan	Member
Dr. Jivan S. Parab	Member

Department of Chemistry

Faculty:

Full-time

- **Sheshanath V. Bhosale**, *Ph.D.*, UGC-Professor – Organic supramolecular chemistry, sensors, artificial photosynthesis and organic solar cells
- **Sunder N. Dhuri**, *Ph.D.*, Assistant Professor – Inorganic Chemistry, Bio-inorganic Chemistry
- **Siddhali V. Girkar**, *M.Sc.*, Assistant Professor – Organic Chemistry
- **Pranay P. Morajkar**, *Ph.D.*, Assistant Professor – Physical chemistry: Laser, Optics, Gas Kinetics
- **V.S. Nadkarni**, *Ph.D.*, **Professor and Head** – Organic Chemistry, Polymer Chemistry
- **Arun V. Salker**, *Ph.D.*, Professor – Inorganic Chemistry, Catalysis, Solid State Chemistry, Environmental Chemistry & Chemical Sensors
- **Rajendra N. Shirsat**, *Ph.D.*, Professor – Physical Chemistry, Computational and Theoretical Chemistry
- **B.R. Srinivasan**, *Ph.D.*, Professor – Synthetic Inorganic Chemistry
- **Santosh G. Tilve**, *Ph.D.*, Professor – Synthetic Organic Chemistry
- **Vidhyadatta M. Shet Verenkar**, *Ph.D.*, Professor – Solid State Chemistry, Gas sensors

Other:

- **Sandesh Tukaram Bugde**, *Ph.D.*, Assistant Professor – Synthetic Organic Chemistry, Asymmetric Organocatalysis
- **Kanchanmala B. Deshpande**, *Ph.D.*, Assistant Professor (Tenure) – Analytical Chemistry
- **Megha Subhash Deshpande**, *Ph.D.*, Post-Doctoral Fellow – Inorganic chemistry
- **Sandeep Kumar Dey**, *Ph.D.*, DST Inspire Faculty – Porous organic materials for toxic ion separation/adsorption and catalysis, Hydrogen bonded supramolecular capsules and metal organic cages, Anion receptors and ion-pair receptors

- Kiran Tulsidas Dhavskar**, *Ph.D.*, Assistant Professor (Contract) – Analytical Chemistry
- Mithil FalDesai**, *M.Sc.*, Assistant Professor (Contract) – Analytical Chemistry
- Vivekanand Vaman Gobre**, *Ph.D.*, Assistant Professor (Contract) – Physical Chemistry
- Rohan Keshav Kunkalekar**, *Ph.D.*, Assistant Professor – Catalysis, Solid State Chemistry, Nano-Material synthesis
- Prem Lama**, *Ph.D.*, DST Inspire Faculty – Synthesis and characterization of organic-inorganic hybrid porous, pressure dependent dynamic materials and magnetic coordination polymers
- Mahesh Satu Majik**, *Ph.D.*, Assistant Professor (Tenure) – Analytical Chemistry
- Bhanudas R. Naik**, *Ph.D.*, Assistant Professor (Contract) – Physical Chemistry

Major Thrust Areas and Achievements:

Thrust Areas:

Anion Receptors and Ion-Pair Receptors; Asymmetric Organocatalysis; Bio-inorganic Chemistry; Computational and Theoretical Chemistry; Coordination Compounds; Catalysis & Chemical Sensors; Hydrogen Bonded Supramolecular Capsules and Metal Organic Cages; Laser, Optics and Gas Kinetics; Laser, Optics and Gas Kinetics; Metal Carboxylates; Nano-Material synthesis and characterization; Organic Supramolecular Chemistry, Artificial Photosynthesis and Organic Solar Cells; Organic Synthesis; 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; Synthetic Inorganic Chemistry; Gas sensors

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Dhuri, S.N.	Ongoing	Design of New Transitional Metal Catalyst for Biomimetic Organic Oxidations	CSIR	9.27
Morajkar, P.P.	Ongoing	Towards higher efficiency and lower emissions using Indian-origin biofuels: Developing a predictive CFD model with well validated reduced combustion kinetic for device scale applications	DST	53.98
Tilve, S.G.	Ongoing	Diastereo and Enantioselective Synthesis of Alkaloids Containing Pyrrolidine and Piperidine Motif	CSIR	24.86
Tilve, S.G.	Ongoing	Intramolecular	DST-SERB	42.11

		Dehydrogenative Coupling (IMDC) Reactions for the Synthesis of Heterocyclic		
Tilve, S.G.	Completed	Green Chemistry Approach for the Synthesis of Bioactive Heterocycles	UGC	9.33
Morajkar, P.P.	Ongoing	Investigation of the effect of reservoir rock composition on the reactivity of CO ₂ /O ₂ mixture with hydrocarbons in the depleted oil reservoirs	DST	48.4
Majik, M.S.	Ongoing	Development of Nucleosides and Marine Natural Products-Based Therapeutics and Their Synthetic Studies	DST	24
Santosh, G.	Completed	Self Assembly of Amphiphilic Donor Acceptor Dyads in to Nanostructures for Applications in Optoelectronics	DST	35
Srinivasan, B.R.	Completed	Hydrothermal Synthesis, Characterization and Properties of New S-block Metal-Organic Frameworks	UGC	9.92

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
RSC Salters Chemistry Camp	22-24 Nov 2018	RSC
Nat. Workshop on Structural Equation Modelling and Social Network Analysis	27-31 Jan 2019	Goa University
Seminar on Recent Trends in Structural Chemistry	16 Feb 2019	Goa University
13. Annual Symp. on Fascinating World of Chemical Sciences for the T.Y. B.Sc. Chemistry Students	9 Mar 2019	Goa University

Research publications:

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

- *Agarwal, A.; Hundal, A.; Chen, J-Y.; Bilic, A.; Xiang, W.; Bhosale, S.V.; Li, J-L.; Evans, R.A.; Gupta, A. Direct connection of an amine to oligothiophene to generate push-pull chromophores for organic photovoltaic applications. *Dyes and Pigments*. 162; 2019; 315-323. Doi: <https://doi.org/10.1016/j.dyepig.2018.10.048>
- *Albuquerque, J.V.; Shirsat, R.N. Prelude to molecular dynamics: Topography-driven gaussian charge models. *International Journal of Quantum Chemistry*. 119(6); 2019; ArticleID_e25835. Doi: <https://doi.org/10.1002/qua.25835>

- Bidaye, P.P.; Fernandes, J.B. A rapid and facile synthesis method for nanosize rutile phase TiO_2 with high photocatalytic activity. *Green and Sustainable Chemistry*. 9(2); 2019; 27-37. DoI: <https://doi.org/10.4236/gsc.2019.92003>
- *Braganza, C.F.; Salker, A.V. Al-doped FeVO_4 nanoparticles for vapour phase methylation of phenol. *ChemistrySelect*. 3(26); 2018; 7602-7607. DoI: <https://doi.org/10.1002/slct.201800231>
- *Chen, J.; Kadam, G.; Gupta, A.; Anuradha; Bhosale, S.V.; Zheng, F.; Zhou, C-H.; Jia, B.-H.; Dalal, D.S.; Li, J. A biomimetic supramolecular approach for charge transfer between donor and acceptor chromophores with aggregation induced emission. *Chemistry – A European Journal*. 24(55); 2018; 14668-14678. DoI: <https://doi.org/10.1002/chem.201803158>
- *Coutinho, D.M.; Verenkar, V.M.S. Spin canting and surface spin disorder in Ni substituted Co-Cd ferrite nanoparticles synthesized by fuel deficient combustion method. *Journal of Alloys and Compounds*. 782; 2019; 392-403. DoI: <https://doi.org/10.1016/j.jallcom.2018.12.179>
- *Deoghare, C.; Nadkarni, V.S.; Behera, R.N.; Chauhan, R. Copolymers with pendant N-arylimide groups via atom transfer radical polymerization: Synthesis, characterization and kinetic study. *Polymer Science, Series B*. 61(2); 2019; 170-179. DoI: <https://doi.org/10.1134/S1560090419020015>
- *DeSouza, R.A.; Kamat, N.M.; Nadkarni, V.S. Purification and characterisation of a sulphur rich melanin from edible mushroom *Termitomyces albus* Heim. *Mycology*. 9(4); 2018; 296-306. DoI: <https://doi.org/10.1080/21501203.2018.1494060>
- *Dey, S.K.; AlKobaisi, Md.; Bhosale, S.V. Functionalized quinoxaline for chromogenic and fluorogenic anion sensing. *ChemistryOpen*. 7(12); 2018; 934-952. DoI: <https://doi.org/10.1002/open.201800163>
- *Dey, S.K.; Hernandez, B.G.; D'Souza, M.; Mhaldar, S.N.; Gobre, V.V.; Dhuri, S.N. Anion selective disruption of strong intramolecular $-\text{NH}\cdots\text{O}=\text{C}$ Hydrogen bonds in a nonchromogenic tripodal benzoylthiourea receptor to display colorimetric response. *ChemistrySelect*. 4(14); 2019; 4068-4073. DoI: <https://doi.org/10.1002/slct.201803577>
- *Fal Desai, M.S.; Kerkar, R.D.; Salker, A.V. Detoxification of NO and CO gases over effectively substituted Pd and Rh in cupric oxide catalysts. *International Journal of Environmental Science and Technology*. 16(3); 2019; 1541-1550. DoI: <https://doi.org/10.1007/s13762-018-1744-5>
- *Gawandi, S.J.; Desai, V.G.; Shingade, S.G. Design, synthesis, and biological evaluation of 1,3,5-trisubstituted pyrazoles as tyrosine kinase inhibitors. *Medicinal Chemistry Research*. 28(3); 2019; 267-278. DoI: <https://doi.org/10.1007/s00044-018-2282-x>
- *Goskulwad, S.; Duclau, D.; Kobaisi, Md.A.; Bhosale, Sidhanath V.; Bansal, V.; Vinu, A.; Ariga, K.; Bhosale, S.V. Dynamic multistimuli-responsive reversible chiral transformation in supramolecular helices. *Scientific Reports*. 8; 2018; ArticleID_11220. DoI: <https://doi.org/10.1038/s41598-018-29152-9>
- *Goskulwad, S.P.; Kobaisi, M.A.; Duong, D.L.; Bhosale, R.S.; Ratanlal, M.; Bhosale, Sidhanath V.; Bhosale, S.V. Supramolecular chiral helical ribbons of tetraphenylethylene-appended naphthalenediimide controlled by solvent and induced by L- and D-alanine spacers. *Chemistry-An Asian Journal*. 13(24); 2018; 3947-3953. DoI: <https://doi.org/10.1002/asia.201801421>

- *Goskulwad, S.P.; More, V.G.; Kobaisi, M.A.; Bhosale, R.S.; La, D.D.; Antolasic, F.; Bhosale, Sidhanath V.; Bhosale, S.V. Solvent-induced self-assembly of Naphthalenediimide conjugated to Tetraphenylethene through D- and L-Alanine. *ChemistrySelect*. 4(9); 2019; 2626-2633. DoI: <https://doi.org/10.1002/slct.201900087>
- *Goskulwad, S.P.; More, V.G.; La, D.D.; Bhosale, R.S.; Puyad, A.L.; Bhosale, Sidhanath V.; Bhosale, S.V. Solvent directed self-assembly of naphthalenediimide-tryptophan-glutamate conjugates. *Indian Journal of Chemistry*. 58B(2); 2019; 200-208. DoI: <http://nopr.niscair.res.in/handle/123456789/45777>
- *Harmalkar, S.S.; Narulkar, D.D.; Butcher, R.J.; Deshmukh, M.S.; Srivastava, A.K.; Mariappan, M.; Lama, P.; Dhuri, S.N. Dual-site aqua mononuclear Nickel(II) complexes of non-heme tetradentate ligands: Synthesis, characterization and reactivity. *Inorganica Chimica Acta*. 486; 2019; 425-434. DoI: <https://doi.org/10.1016/j.ica.2018.10.069>
- *Jyai, R.N.; Srinivasan, B.R. Syntheses, structures, reactivity studies and properties of anionic water rich bivalent metal phthalates. *Journal of Molecular Structure*. 1178; 2019; 89-99. DoI: <https://doi.org/10.1016/j.molstruc.2018.10.012>
- *Kadam, H.K.; Tilve, S.G. 6H-Indolo[2,3-b]Quinoline: A recent synthetic comprehension. *Mini-Reviews in Organic Chemistry*. 16(1); 2019; 35-42. DoI: <https://doi.org/10.2174/1570193X15666180528103548>
- *Kadam, H.K.; Tilve, S.G. Unique synthesis of isochromenoindolone via reductive-oxidative cyclisation approach. *Indian Journal of Chemistry*. 58B(1); 2019; 104-108. DoI: <http://nopr.niscair.res.in/handle/123456789/45703>
- *Kerkar, R.D.; FalDesai, M.S.; Salker, A.V. Complete detoxification reaction by NO reduction with CO over nano-sized copper-substituted Cr₂O₃. *Surface and Interface Analysis*. 50(12-13); 2018; 1343-1348. DoI: <https://doi.org/10.1002/sia.6528>
- *La, D.D.; Malegaonkar, J.N.; Kobaisi, Md. Al; Bhosale, R.S.; Bhosale, Sidhanath V.; Bhosale, S.V. Spermine-directed supramolecular self-assembly of water-soluble AIE-active tetraphenylethylene: nanobelt, nanosheet, globular and nanotubular structures. *New Journal of Chemistry*. 42(18); 2018; 15379-15386. DoI: <http://dx.doi.org/10.1039/C8NJ02636J>
- La, D.D.; Nguyen, T.A.; Quoc, V.D.; Nguyen, T.T.; Nguyen, D.A.; Duy, L.N.P.; Trung, N.P.; Bhosale, S.V. A new approach of fabricating graphene nanoplates@natural rubber latex composite and its characteristics and mechanical properties. *C - Open Access Journal of Carbon Research*. 4(3); 2018; ArticleID_50. DoI: <https://doi.org/10.3390/c4030050>
- *Mandrekar, K.S.; Kadam, H.K.; Tilve, S.G. Domino Bischler-Napieralski - Michael reaction and oxidation, a new route to Coumarin-Pyrrole-Isoquinoline fused pentacycles. *European Journal of Organic Chemistry*. 47; 2018; 6665-6670. DoI: <https://doi.org/10.1002/ejoc.201801244>
- *Mangelsen, S.; Srinivasan, B.R.; Schürmann, U.; Kienle, L.; Näthera, C; Bensch, W. Nanostructured tungsten sulfides: insights into precursor decomposition and the microstructure using X-ray scattering methods. *Dalton Transactions*. 48(4); 2019; 1184-1201. DoI: <https://doi.org/10.1039/C8DT04205E>
- *Mhaldar, S.N.; Mandrekar, K.S.; Gawde, M.K.; Shet, R.V.; Tilve, S.G. Solventless mechanosynthesis of Bis(Indolyl)Methanes. *Synthetic Communications*. 49(1); 2019; 94-101. DoI: <https://doi.org/10.1080/00397911.2018.1542732>

- *More, Y.W.; Padghan, S.D.; Bhosale, R.S.; Pawar, R.P.; Puyad, A.L.; Bhosale, Sidhanath V.; Bhosale, S.V. Proton triggered colorimetric and fluorescence response of a novel quinoxaline compromising a donor-acceptor system. *Sensors*. 18(10); 2018; ArticleID_3433. DoI: <https://doi.org/10.3390/s18103433>
- *Nadkarni, V.S.; Naik, D. Poly (phosphate-co-carbonate) polymers for Solid State Nuclear Track Detection Application. *Radiation Physics and Chemistry*. 156; 2019; 259-265. DoI: <https://doi.org/10.1016/j.radphyschem.2018.11.027>
- *Naik, C.C.; Gaonkar, S.K.; Furtado, I.; Salker, A.V. Effect of Cu sup(2+) substitution on structural, magnetic and dielectric properties of cobalt ferrite with its enhanced antimicrobial property. *Journal of Materials Science: Materials in Electronics*. 29(17); 2018; 14746-14761. DoI: <https://doi.org/10.1007/s10854-018-9611-1>
- *Naik, C.C.; Salker, A.V. Structural, magnetic and dielectric properties of Dy³⁺ and Sm³⁺ substituted Co-Cu ferrite. *Materials Research Express*. 6(6); 2019; ArticleID_066112. DoI: <https://doi.org/10.1088/2053-1591/ab0dd0>
- *Naik, D.G.; Nadkarni, V.S. Novel poly (sulfone-carbonate) polymers for rapid revelation of charged particle tracks by chemical etching process. *Radiation Physics and Chemistry*. 160; 2019; 68-74. DoI: <https://doi.org/10.1016/j.radphyschem.2019.03.015>
- Naik, V.M.; Zantye, P.; Gunjal, D.B.; Gore, A.H.; Anbhule, P.V.; Kowshik, M.; Bhosale, S.V.; Kolekar, G.B. Nitrogen doped carbon dots via hydrothermal synthesis: naked eye fluorescent sensor for dopamine and used for multicolour cell imaging. *ACS Applied Bio Materials*. 2(5); 2019; 2069-2077. DoI: <https://doi.org/10.1021/acsabm.9b00101>
- *Narulkar, D.D.; Srivastava, A.K.; Butcher, R.J.; Dhuri, S.N. Crystal structure of a mononuclear Non-heme nickel(II) octahedral complex: [Ni(bqenH sub(2))(bpy)](CIO sub(4)) sub(2).0.125H sub(2)O. *Zhurnal Strukturnoi Khimii (Journal of Structural Chemistry)*. 59(5); 2018; 1208-1215. DoI: <http://dx.doi.org/10.26902/JSC20180520>
- *Narvekar, K.U.; Nadkarni, V.S.; Tylczynski, Z.; Srinivasan, B.R. Iron doping in sodium para-nitrophenolate dihydrate crystal: A case study. *Materials Today Communications*. 19; 2019; 349-351. DoI: <https://doi.org/10.1016/j.mtcomm.2019.03.002>
- *Petrosyan, A.M.; Srinivasan, B.R. Comments on 'Co-60 Gamma-irradiation effect on linear, nonlinear optical and electrical properties of a semiorganic L-alanine barium nitrate (LABN) crystal'. *Materials Research Innovations*. 23(4); 2019; 207. DoI: <http://dx.doi.org/10.1080/14328917.2017.1415247>
- Poplevin, D.S.; Nikitina, E.V.; Zaytsev, V.P.; Varlamov, A.V.; Tilve, S.G.; Zubkov, F.I. Intramolecular [4+2] cycloaddition in N-allyl- and N-propargyl-alpha-furyl lactams. *Chemistry of Heterocyclic Compounds*. 54(4); 2018; 451-457. DoI: <https://doi.org/10.1007/s10593-018-2290-2>
- *Rao, P.S.; Puyad, A.L.; Bhosale, Sidhanath V.; Bhosale, S.V. Triphenylamine-Merocyanine-based D1-A1-pi-A2/A3-D2 chromophore system: Synthesis, Optoelectronic, and theoretical studies. *International Journal of Molecular Sciences*. 20(7); 2019; ArticleID_1621. DoI: <https://doi.org/10.3390/ijms20071621>
- *Rodrigues, L.; Majik, M.S.; Tilve, S.G.; Wahidulla, S. Synthesis of (-)-elemoxide, a commercially important fragrance compound. *Tetrahedron Letters*. 59(37); 2018; 3413-3415. DoI: <https://doi.org/10.1016/j.tetlet.2018.08.003>

- *Said, A.A.; Wagalgave, S.M.; Xie, J.; Puyad, A.L.; Chen, W.; Wang, Z.; Bhosale, S.V.; Bhosale, Sidhanath V.; Zhang, Q. NDI-based small molecules as electron transporting layers in solution-processed planar perovskite solar cells. *Journal of Solid State Chemistry*. 270; 2019; 51-57. DoI: <https://doi.org/10.1016/j.jssc.2018.10.045>
- *Salkar, A.V.; Naik, A.P.; Joshi, V.S.; Haram, S.K.; Morajkar, P.P. Designing a 3D nanoporous network via self-assembly of WO sub(3) nanorods for improved electrocapacitive performance. *CrystEngComm*. 20(42); 2018; 6683-6694. DoI: <https://doi.org/10.1039/C8CE01257A>
- *Shaikh, D.B.; Bhosale, R.S.; La, D.D.; Kobaisi, M.A.; Bhosale, Sidhanath V.; Bhosale, S.V. Chiral supramolecular assemblies from an achiral naphthalene diimide bearing a urea moiety. *Chemistry-An Asian Journal*. 13(21); 2018; 3268-3273. DoI: <https://doi.org/10.1002/asia.201801115>
- *Shaikh, D.B.; Said, A.A.; Bhosale, R.S.; Chen, W.; Bhosale, Sidhanath V.; Puyad, A.L.; Bhosale, S.V.; Zhang, Q. Dithiafulvenyl-Naphthalenediimide-based small molecules as efficient non-fullerene electron-transport layer for inverted perovskite solar cells. *Asian Journal of Organic Chemistry*. 7(11); 2018; 2294-2301. DoI: <https://doi.org/10.1002/ajoc.201800385>
- *Siddiqui, K.A.; Bharati, A.K.; Lama, P. Coordination polymers based on mu sup(2)Eta sup(1):Eta sup(1) and mu sup(2)Eta sup(2):Eta sup(2) bridging mode of pyridyl carboxylate: ionic liquid-induced hydrothermal synthesis, structural and thermogravimetric analysis. *Journal of the Iranian Chemical Society*. 15(10); 2018; 2315-2324. DoI: <http://dx.doi.org/10.1007/s13738-018-1420-1>
- *Srinivasan, B.R.; Deshpande, M.S. Reinvestigation of growth of 2-aminopyridine bis thiourea zinc sulphate single crystal. *Journal of Molecular Structure*. 1183; 2019; 24-27. DoI: <https://doi.org/10.1016/j.molstruc.2019.01.059>
- *Thi, H.P.N.; Ninh, H.D.; Tran, C.V.; Le, B.T.; Bhosale, S.V.; La, D.D. Size-Control and surface modification of flexible metal-organic framework MIL-53(Fe) by Polyethyleneglycol for 5- Fluorouracil anticancer drug delivery. *ChemistrySelect*. 4(8); 2019; 2333-2338. DoI: <https://doi.org/10.1002/slct.201803887>
- *Tylczyński, Z.; Petrosyan, A.M.; Srinivasan, B.R. On questionable ferroelectric and piezoelectric properties in single crystals. *Journal of Crystal Growth*. 498; 2018; 62-66. DoI: <https://doi.org/10.1016/j.jcrysgr.2018.06.002>
- *Volvoikar, P.S.; Tilve, S.G. A simple approach for the synthesis of azocine alkaloids: The total synthesis of megallanesine. *Tetrahedron Letters*. 59(26); 2018; 2567-2569. DoI: <https://doi.org/10.1016/j.tetlet.2018.05.055>
- *Zaytsev, V.P.; Sorokina, E.A.; Kvyatkovskaya, E.A.; Toze, F.A.A.; Mhaldar, S.N.; Dorovatovskii, P.V.; Khrustalev, V.N. Three-component reaction between isatoic anhydride, amine and methyl-substituted furylacrylaldehydes: crystal structures of 3-benzyl-2-[(E)-2-(5-methylfuran-2-yl)vinyl]-2,3-dihydroquinazolin-4(1H)-one, 3-benzyl-2-[(E)-2-(furan-2-yl)-1-methylvinyl]-2,3-dihydroquinazolin-4(1H)-one and 3-(furan-2-ylmethyl)-2-[(E)-2-(furan-2-yl)-1-methylvinyl]-2,3-dihydroquinazolin-4(1H)-one. *Acta Crystallographica. Section E: Crystallographic Communications*. E74; 2018; 1101-1106. DoI: <https://doi.org/10.1107/S2056989018009982>

Book chapters

- Bhosale, R.S.; Aljabri, M.; La, D.D.; Bhosale, Sidhanath V.; Jones, L.A.; Bhosale, S.V. Tetraphenylethene Derivatives: A Promising Class of AIE Luminogens-Synthesis,

Properties, and Applications (Chapter 9). *Principles and Applications of Aggregation-Induced Emission*. 2019; 223-264. DoI: https://doi.org/10.1007/978-3-319-99037-8_9

- Deshpande, K.B.; Mishra, G.K. Recent advances in bioanalytical techniques using enzymatic assay (Chapter 8). *Advances in Biological Science Research: A Practical Approach*. 2019; 119-134. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00008-2>
- Gawas, U.B.; Mandrekar, V.K.; Majik, M.S. Structural analysis of proteins using X-ray diffraction technique (Chapter 5). *Advances in Biological Science Research: A Practical Approach*. 2019; 69-84. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00005-7>
- Harmalkar, S.S.; Dhuri, S.N. Iron-oxygen intermediates and their applications in biomimetic studies (Chapter 22). *Advances in Biological Science Research: A Practical Approach*. 2019; 363-380. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00022-7>
- Kunkalekar, R.K.; Gawas, U.B. Role of nanoparticles in advanced biomedical research (Chapter 21). *Advances in Biological Science Research: A Practical Approach*. 2019; 347-361. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00021-5>
- Majik, M.S.; Gawas, U.B.; Mandrekar, V.K. Analytical methods for natural products isolation: Principles and applications (Chapter 24). *Advances in Biological Science Research: A Practical Approach*. 2019; 395-409. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00024-0>
- Mandrekar, V.K.; Gawas, U.B.; Majik, M.S. Brominated Molecules From Marine Algae and Their Pharmacological Importance (Chapter 13). *Studies in Natural Products Chemistry*. 61; 2018; 461-490. DoI: <https://doi.org/10.1016/B978-0-444-64183-0.00013-0>
- Morajkar, P.P.; Naik, A.P.; Bugde, S.T.; Naik, B.R. Photocatalytic and microbial degradation of Amaranth dye (Chapter 20). *Advances in Biological Science Research: A Practical Approach*. 2019; 327-345. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00020-3>
- Singh, K.S.; Majik, M.S. Pyrrole-Derived Alkaloids of Marine Sponges and Their Biological Properties (Chapter 10). *Studies in Natural Products Chemistry*. 62; 2019; 377-409. DoI: <https://doi.org/10.1016/B978-0-444-64185-4.00010-1>
- Tilvi, S.; Parvatkar, R.R.; Majik, M.S. Marine-Derived Natural Products Inhibiting Specific Inflammatory Cytokines (Chapter 13). *Studies in Natural Products Chemistry*. 62; 2019; 455-481. DoI: <https://doi.org/10.1016/B978-0-444-64185-4.00013-7>

PhDs:

Degrees Awarded: 7

Submitted: 03

Students on Roll: 32

Conference Presentations, Lectures, etc.

Conference presentations/lectures

- Albuquerque, J.V.; Shirsat, R.N. Prelude to molecular dynamics – II: Guidelines for employing topography based Gaussian charge models **(Poster)**, Theoretical Chemistry Symposium (TCS 2019). 13-16 Feb 2019. Dept. of Chemistry, Birla Institute of Technology and Science, Pilani Campus, Rajasthan.
- Asogekar, P.A.; Verenkar, V.M.S. A comparison between 'as prepared' and 'sintered' Ni_{0.5}Zn_{0.5}Fe₂O₄ synthesized by combustion method **(Poster)**, Nat. School on

Computer Assisted Spectroscopic Data Interpretation Techniques (NSCASDIT-2019). 7-11 Jan 2019. Dept. of Physics, R.T.M. Nagpur University, Nagpur.

- Asogekar, P.A.; Verenkar, V.M.S. Variation in magnetic and electric properties shown by 'as prepared' and 'sintered' $\text{Co}_0.5\text{Zn}_0.5\text{Fe}_2\text{O}_4$. 7. *Interdisciplinary Symp. on Materials Chemistry (ISMC-2018)*. 4-8 Dec 2018. Society for Materials Chemistry, India & Chemistry Division, BARC, Mumbai.
- Bhosale, S.V. Concepts Transfers from Nature (**Invited talk**), Nat. Conf. on Recent Advances in Material Sciences, 5 Feb 2019. Dept. of chemistry, Field Marshal K.M. Cariappa College, Madikeri, Karnataka
- Bhosale S.V. Organic functional materials for advancing technology. *Int. Workshop on Corrosion and Protection of Materials*. 18-21 Sep 2018. Institute for Tropical Technology, Vietnam Academy of Science and Technology, Hanoi, Vietnam.
- Bhosale, S.V. Organic functional Materials for Advancing technology (**Keynote**). 3. *Int. Workshop on Corrosion and Protection of Materials*, 18-21 Sep 2018. Institute for Tropical Technology, Vietnam Academy of Science and Technology, Hanoi, Vietnam.
- Coutinho, D.M.; Verenkar, V.M.S. Magnetic properties of Nickel doped Cobalt Cadmium Ferrite. 7. *Interdisciplinary Symp. on Materials Chemistry (ISMC-2018)*. 4-8 Dec 2018. Society for Materials Chemistry, India & Chemistry Division, BARC, Mumbai.
- Deshpande, K.B. Emerging enzyme based technologies for monitoring environmental pollution, *Int. Conf. on Materials and Environmental Science [ICMES-2018]*, 7-8 Dec 2018. Yashwantrao Patil College & New College; Kolhapur University, Kolhapur.
- Dey, S.K. (**Invited lecture**). 17. Annual Convention of Association of Chemistry Teachers, Goa. 23 Feb 2019. Govt. College of Arts, Science and Commerce, Khandola, Marcela, Goa.
- Dhavskar, K.T. The study of behavior of rigid and flexible carboxylate linkers on Zinc cation and its effect on properties of zinc oxides (**Poster**), *Frontiers in Chemical Sciences 2018 (FICS-2018)*, 6-8 Dec 2018. Dept. of Chemistry, IIT Guwahati.
- D'souza, L.R.; Dhuri, S.N. An insight into the water rich chemistry of Cobalt-N-donor supported complexes stabilized by dicarboxylates (**Poster**), *Int. Conf. on Frontiers in Chemical Sciences (FICS-2018)*, 6-8 Dec 2018. Dept. of Chemistry, IIT Guwahati.
- Fernandes, J.P.D.; Bhosale, S.V.; Morajkar, P.P. Encapsulation of bioactive on magnetite nanoparticles: A targeted drug delivery approach, *Advances in Materials Science & Applied Biology (AMSAB 2019)*, 08-10 Jan 2019. Narsee Monjee Institute of Management Studies (NMIMS), Mumbai.
- Gauns-Dessai, P.P.; Verenkar, V.M.S. Characterization and solid state studies of $\text{Ni}_0.7\text{Zn}_0.3\text{Fe}_1.4\text{Al}_0.6\text{O}_4$: Study of change in properties with change in particle size (Poster), *National school on Computer-Assisted Spectroscopic Data Interpretation Techniques (NSCASDIT 2019)*, Nat. School on Computer Assisted Spectroscopic Data Interpretation Techniques (NSCASDIT-2019). 7-11 Jan 2019. Dept. of Physics, R.T.M. Nagpur University, Nagpur.
- Girkar, S.V. Green synthesis of substituted phenylacetic acid (Poster), *Nat. Symp. on Green Chemistry for Better Sustainability*, 27 Sep 2019. DM's College, Assagao, Mapusa, Goa.

- Harmalkar, N.; D'Souza, L.; Dhuri, S.N. Pyrazine as building unit in cobalt(II) succinates: An autoclave assisted synthesis. *Students meet at BITS, Goa Campus*. 3 Mar 2019. BITS, Pilani, Goa campus.
- Harmalkar, N.; Dhuri, S.N. **(Poster-first prize)**. Pyrazine as a building unit in Cobalt (II) succinates: An autoclave assisted synthesis. Recent Trends in Chemistry: Student's Meet 2019, 3 Mar 2019. Dept. of Chemistry, BITS-Pilani, K.K. Birla Campus, Goa.
- Kerker, R.D.; Salker, A.V. Synergic effect of cerium oxide in catalytic oxidation of carbon monoxide (Poster), Nat. School on Computer Assisted Spectroscopic Data Interpretation Techniques (NSCASDIT-2019). 7-11 Jan 2019. Dept. of Physics, R.T.M. Nagpur University, Nagpur.
- Khan, S.; Tilve, S.G. Wet-Solvent-free mechanochemical grinding for the reduction of nitroarenes to arylamines **(first prize)**. Recent Trends in Chemistry: Student's Meet 2019, 3 Mar 2019. Dept. of Chemistry, BITS-Pilani, K.K. Birla Campus, Goa.
- Kunkalekar, R.K. Nanomaterials and its applications **(Invited talk)**. *Nat. Conf. on Application of Nanotechnology in Science*. 11-12 Jan 2019. Waghire College, Pune.
- Mardolkar, S.D.; Salker, A.V. Effective substitution of copper tellurate for variation in its electro-magnetic and other properties. *Int. Conf. on Nano-materials for Environmental Applications*. 6-7 Mar 2019. Dhemphe College, Miramar, Goa.
- Mardolkar, S.D.; Salker, A.V. Studies and distinction in properties of copper tellurate on Co substitution. *Frontiers in chemical sciences*. 6-8 Dec 2018. IIT-Gohwati.
- Nadimetla, D.N. (Poster-first prize). Nat. Conf. on Recent Advances in Material Sciences. 5 Feb 2019. Dept. of chemistry, Field Marshal K.M. Cariappa College, Madikeri, Karnataka.
- Naik, C.C.; Salker, A.V. Investigation on the photoluminescence properties of Ce³⁺ and Eu³⁺ co-doped Y₂O₃ prepared by solution combustion method (Poster), Nat. Seminar on Advancement in Science and Technology, (NCAST 2019). 9 Feb 2019. Govt. College of Arts, Science and Commerce, Khandola, Goa.
- Naik, C.C.; Salker, A.V. A magnetic, dielectric and antimicrobial study on Cu⁺² substituted cobalt ferrite. *Frontiers in Chemical Sciences*. 6-8 Dec 2018. IIT-Gohwati.
- Narvekar, A.A.; Fernandes, J.B.; Tilve, S.G. Synthesis, characterization and catalytic activity of Fe-Mn oxide and pure α -Fe₂O₃ (Poster), Nat. Seminar on Advancement in Science and Technology, (NCAST 2019). 9 Feb 2019. Govt. College of Arts, Science and Commerce, Khandola, Goa.
- Pawar, V.M.; Nadkarni, V.S. Casting cellulosic thin films: Effect of spinning speed and application as Solid State Nuclear Track Detectors, 14. Biennial DAE BRNS Symposium Nuclear and Radiochemistry (NUCAR-2019). 15-19 Jan 2019, BARC, Mumbai.
- Pawar, V.M.; Naik, D.G.; Pal, R.; Bakshi, A.K.; Nadkarni, V.S. Development of polymeric track detectors for Neutron dosimetry. *Int. Conf. on Polymer Science and Technology (SPSI-MACRO-2018)*. 19-22 Dec 2018. IISER-Pune, Maharashtra.
- PrabhuDesai, P.; Naik, T.; Thekkedath, A.; Deshpande, K.B. Sensing heavy metals in coastal water using surface plasmon resonance. *Int. Conf. on New Frontiers in Environmental and Allied Science [ICNFAS-2019]*, 15-16 Feb 2019. Pune district Education Association.
- Rodrigues, L.; Majik, M.S. Melanogenesis inhibitory activity guided isolation of 4-hydroxycoumarin and ergosterol from *Enteromorpha* sp. (Poster), 17. Prof. K.V. Thomas Endowment Seminar & 2. Int. Symp. on New Trends in Applied Chemistry

(NTAC-2019), 14-15 Jan 2019. Sacred Heart College (Autonomous), Crowne Plaza, Kochi.

- Rodrigues, L.; Tilve, S.G.; Majik, M.S. Regioselective strategies towards the synthesis of elemoxide and elemene (Poster), 17. Prof. K.V. Thomas Endowment Seminar & 2. Int. Symp. on New Trends in Applied Chemistry (NTAC-2019), 14-15 Jan 2019. Sacred Heart College (Autonomous), Crowne Plaza, Kochi.
- Salkar, A.V.; Naik, A.P.; Joshi, V.; Morajkar, P.P. Synthesis of Nanostructured WO₃ nanorods for its electrochemical application (**Poster**), Advances in Materials Science & Applied Biology (AMSAB 2019), 08-10 Jan 2019. Narsee Monjee Institute of Management Studies (NMIMS), Mumbai.
- Salkar, A.V.; Naik, A.P.; Morajkar, P.P. Designing 3D nanoporous network via self-assembly of WO₃ nanorods for improved elelctrocapacitive (**Poster**), Nat. Seminar on Advancement in Science and Technology, (NCAST 2019), 9 Feb 2019. Govt. College of Arts, Science and Commerce, Khandola, Goa.
- Shirsat, R.N. Computational Chemistry (**Invited talk**). Nat. Conf. on Recent Interdisciplinary Approaches in Chemical, Physical and Life Sciences (RIACPLS-2019), 12 Jan 2019. Dept. of Chemistry, Anantrao Pawar College, Pirangut, Mulshi, Mukaiwadi.
- Srinivasan, B.R. A Whiff of structural chemistry (**Invited talk**). Seminar on the Recent Trends in Structural Chemistry, 16 Feb 2019. Dept. of Chemistry, Goa University.
- Shetgaonkar, A.D.; Nadkarni, V.S. Synthesis of novel water soluble polycarbamate dendrimer, *Int. Conf. on Polymer Science and Technology (SPSI-MACRO-2018)*. 19-22 Dec 2018. IISER-Pune, Maharashtra.

Lectures on other occasions

- Bhosale S.V. Supramolecular chemistry: Functional structures on the nanoscale. 6 Sep 2018. Parvatibai Chowgule College of Arts and Science Automomous, Margao, Goa.
- Bhosale S.V. Supramolecular chemistry: Functional structures on the nanoscales. 31 Jul 2018. St. Xavier's College, Mapusa, Goa.
- Bhosale S.V. Concepts transfer from nature. 7 Mar 2018. Government College of Arts, Science & Commerce, Quepem, Goa.
- Dhuri, S.N. Unnat Bharat Abhiyan- MAHRD Scheme. 16 Jan 2019, UGC-HRDC-Goa University.
- Dhuri, S.N. Careers in Basic Sciences after B.Sc. 28 Feb 2019. Govt. College of Arts, Science and Commerce, Sanquelim.
- Dhuri, S.N. Metal-oxygen intermediations in oxidation reactions. 4 Mar 2019. UGC-HRDC, Goa University
- Kunkalekar, R.K. Nanotechnology. *Science week*. 4 Mar 2019. Government College of Arts, Science & Commerce, Sanquelim.
- Girkar, S.V. Asymmetric synthesis (Lecture series for M.Sc. Part II Organic Chemistry students). 1 Oct - 30 Nov 2018. DM's College, Mapusa, Goa
- Girkar, S.V. Careers in Science after Class 12. Science Faculty Day. 14 Aug 2018. Pope John XXIII Higher Secondary School, Quepem, Goa
- Girkar, S.V. Introduction in Medicinal Chemistry (Lecture series for M.Sc. Part II Organic Chemistry students). 1 Oct - 30 Nov 2018. DM's College, Mapusa, Goa

- Shirsat, R.N. Chemistry. Orientation Program, 11 Jan 2019. UGC-HRDC, Goa University
- Shirsat, R.N. Chemistry. Orientation Program, 5 Dec 2018. UGC-HRDC, Goa University
- Shirsat, R.N. Chemistry. Refresher Course, 4 Mar 2019. UGC-HRDC, Goa University
- Shirsat, R.N. Concepts in chemistry. Refresher Course, 19 Oct 2018. UGC-HRDC, Savitribai Phule Pune University
- Shirsat, R.N. Concepts in quantum chemistry and hands on sessions on computer applications in chemistry. Refresher Course, 10-11 Aug 2018. UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Shirsat, R.N. Molecular symmetry and point groups (Lectures in series), 4 Aug 2018. M.Sc. students of Dept. of Chemistry, Government College of Arts, Science and Commerce, Khandola, Marcela, Goa
- Shirsat, R.N. Quantum Chemistry. 2 Mar 2019. Jawaharlal Nehru Rajkeeya Mahavidyalaya, Port Blair, Andaman
- Shirsat, R.N. Tutorials and hands-on sessions, Refresher Course on Quantum Mechanics and Solid State Physics, 10-12 Dec 2018. Indian Academy of Sciences at HPT, RYK College, Nasik

Department of Mathematics

Faculty:

Full-time

- **A.J. Jayanthan**, *Ph.D.*, Professor – Superannuated
- **Mailattu Kunhanandan**, *Ph.D.*, Assistant Professor – Inverse Problems, Combinatorics
- **Manvendra Tamba**, *Ph.D.*, Assistant Professor – Lie Algebra, Number Theory
- **Yeshwant S. Valaulikar**, *Ph.D.*, – Superannuated

Research publications:

Articles in journals:

- Kumari, M.; Valaulikar, Y.S. On Chaplygin's method for first order neutral differential equation. *Applications and Applied Mathematics: An International Journal (AAM)*. 13(2); 2018; 764-780. DoI: <https://tiny.cc/yidxfz>

PhDs:

Degree Awarded: 1

Submitted: -

Students on Roll: 6

Conference Presentations, Lectures, etc.

Lectures on other occasions

- Kunhandan, M. Mathematics Curriculum, Teaching and Learning. *Workshop for School Teachers of Quepem & Sanguem Taluka*. 9 Sep 2018. Directorate of Extra Mural Studies; TLCC, Quepem.
- Kunhandan, M. Combinatorial Techniques. *Refresher course in Natural Sciences*. 25 Feb 2019. UGC-HRDC, Goa Univ.
- Kunhandan, M. Linear Algebra (5 lectures). *KSOM Talent Nurture Programme*. 26-30 Dec 2018. Kerala School of Mathematics.
- Kunhandan, M. Number Theory and Real Analysis (21 lectures). *KSOM Talent Nurture Programme*. 6-25 May 2019. Kerala School of Mathematics.

Department of Computer Science and Technology

Faculty:

Full-time

- **S. Baskar**, *M.Sc.*, Associate Professor – Compiler Construction, Machine Learning
- **Jarret Stevan Anthony Fernandes**, *M.C.A.*, Assistant Professor – Human-Computer Interaction, Software Architecture/Engineering, Virtual/Augmented/Mixed Reality, User Experience (UX/UI) Design & Engineering, Graphics, Object Oriented Tech., Mobile Tech.
- **Venkatesh V. Kamat**, *Ph.D.*, Professor – Computer & Graphics, CAD, Software Engineering E-learning
- **Preeti Ravindranath Khorjuvenkar**, *M.Tech.*, Assistant Professor – Data Structures, Evolutionary and Swarm based algorithms, Devops
- **Ramdas N. Naik Karmali**, *M.C.A.*, Assistant Professor – Data Communications and Computer Networking, Natural Language Processing (NLP), Web Technology
- **Jyoti D. Pawar**, *Ph.D.*, Professor – Data Mining, Data Structures, Natural Language Processing (NLP)
- **P. Payaswini**, *Ph.D.*, Assistant Professor – Data Communication and Networking, Data Structures
- **Yma F. Pinto**, *M.C.A.*, **Associate Professor and Head** – Data Base Management Systems, Operating Systems, Computer Science and Education
- **Ramrao S. Wagh**, *M.C.A.*, Associate Professor – Software Architecture, Object Oriented Tech., Agile and Lean Methods, Geographical Information Systems, Aspect Oriented Programming, Refactoring, Design Patterns, e-Learning, Educational Technology

Major Thrust Areas and Achievements:

Thrust Areas:

- Aspect Oriented Programming; Compiler Construction, Machine Learning; Computer Aided Design; Computer Science and Education; Computers & Graphics; Data Base Management Systems; Data Communications and Computer Networking; Data Mining, Data Structures Development Economics; Natural Language Processing (NLP); Object Oriented Technology; Operating Systems; Refactoring, Design Patterns; Software Architecture; User Experience (UX/UI) Design & Engineering; Virtual/Augmented/Mixed Reality; Web Technology

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Summer school on Data Science	4-16 Jun 2018	Goa University
Workshop on Process Oriented Guided Inquiry Learning (POGIL)	6 Aug 2018	Goa University
Workshop on NoSQL and Docker	10-11 Sep 2018	Goa University
Orientation Programme on High Performance Computing and Matlab	5 Dec 2018	Goa University
Solving real world optimization problems	10 Jan 2019	Goa University
Fair Allocations	22 Feb 2019	Goa University

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

- *Akhtar, Md.S.; Sawant, P.; Sen, S.; Ekbal, A.; Bhattacharyya, P. Improving word embedding coverage in less-resourced languages through multi-linguality and cross-linguality: A case study with aspect-based sentiment analysis. *ACM Transactions on Asian and Low-Resource Language Information Processing*. 18(2); 2019; ArticleID_3273931. DoI: <https://doi.org/10.1145/3273931>
- *Asnani, K.S.; Pawar, J.D. Improving coherence of topic based aspect clusters using domain knowledge. *Computación y Sistemas*. 22(4); 2018; 1403-1414. DoI: <http://www.cys.cic.ipn.mx/ojs/index.php/CyS/article/view/2401>
- *GaunsDessai, K.G.; Kamat, V.V. Computer assisted evaluation using rubrics for reduction of errors and inter and intra examiner heterogeneity. *International Journal of Information and Communication Technology Education (IJICTE)*. 14(4); 2018; 49-65. DoI: <http://dx.doi.org/10.4018/IJICTE.2018100104>

Articles in conference proceedings (in Scopus list):*

- Akhtar, Md.S.; Sawant, P.; Sen, S.; Ekbal, A.; Bhattacharyya, P. Solving data sparsity for aspect based sentiment analysis using cross-linguality and multi-linguality. 16. *Annual Conf. North American Chapter of the Association for Computational Linguistics: Human Language Technologies*, New Orleans, Louisiana, 1-6 Jun 2018.. 1; 2018; 572-582. DoI: <http://dx.doi.org/10.18653/v1/N18-1053>
- *Gauns-Dessai, K.G.; Kamat, V.V. Disguised public key for anonymity and enforced confidentiality in summative e-examinations. *Advances in Computing and Data Sciences (ICACDS). Communications in Computer and Information Science*, Ed. by: MayankSingh, Gupta, P.K., Tyagi, V., Flusser, J., Oren, T.. 905; 2018; 84-94. DoI: http://doi.org/10.1007/978-981-13-1810-8_9
- Kurtiker, P.; Wagh, R.S. Monitoring Student Frustration Level Using Blackbox Logs. 18. *Int. Conf. on Advanced Learning Technologies (ICALT)*. 9-13 July 2018, Mumbai, India. 2018; 225-226. DoI: <http://dx.doi.org/10.1109/ICALT.2018.00119>
- Naik, S.B.; Pawar, J.D. A single-pass algorithm for incremental mining patterns over data streams. *Int. Conf. on Intelligent Computing, Instrumentation and Control Technologies, ICICICT-2017*. 2018; 565-569. DoI: <http://dx.doi.org/10.1109/ICICICT1.2017.8342625>
- *Naik, V.; Kamat, V.V. Analyzing relation between response time, engagement and performance. *Proc. IEEE 9th International Conference on Technology for Education (T4E)*. 10-13 Dec 2018. 2018; 110-113. DoI: <http://doi.org/10.1109/T4E.2018.00030>
- *Naik, V.; Kamat, V.V. Predicting engagement using machine learning techniques. 26. *Int. Conf. on Computers in Education, Doctoral Student Consortium Proceedings (ICCE 2018)*. 26-30 Nov 2018. 2018; 17-20.

Book chapter:

- Naik, S.B.; Pawar, J.D. Frequent itemsets in data streams using dynamically generated minimum support. *Advances in Intelligent Systems and Computing*. Springer, Singapore. 828; 2018; 357-365. DoI: https://doi.org/10.1007/978-981-13-1610-4_36

PhDs:*Degrees Awarded: 5**Submitted: -**Students on Roll: 11***Department of Physics****Faculty:***Full-time*

- **Pallavi Pandhari Gaude**, *Ph.D.*, Assistant Professor – Theoretical Condensed Matter Physics
- **Venkatesha R. Hathwar**, *Ph.D.*, UGC-Assistant Professor – X-ray Diffraction, Chemical Physics and Quantum Crystallography, Crystal Engineering, Structural Materials Science
- **RajeshKumar Shankar Hyam**, *Ph.D.*, UGC-Assistant Professor – Experimental Condensed Matter Physics, Nanomaterials for Energy Applications, Superconducting Materials
- **Bholanath Pahari**, *Ph.D.*, UGC-Assistant Professor – Experimental Condensed Matter Physics, NMR Spectroscopy
- **Ramesh V. Pai**, *Ph.D.*, **Professor and Head** – Theoretical Condensed Matter Physics, Phase Transitions, Many-body Physics in Ultra-cold Atoms
- **Kaustubh R.S. Priolkar**, *Ph.D.*, Professor – Experimental Condensed Matter Physics; Structure - Property Correlation in Functional Materials Using X-ray Absorption Spectroscopy (EXAFS and XANES)
- **Uma Subramanian**, *Ph.D.*, Professor – Experimental Solid State Physics
- **Cherukulappurath Sudhir**, *Ph.D.*, UGC-Assistant Professor – Nanophotonics, Plasmonics, Near-field optics, Super-resolution Microscopy

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Satish C. Abbi	Formerly Head, Physics Department, IIT Delhi, Coordinator, Laser Tech R. P. IIT Delhi, President, BRCA, IIT Delhi	The Noble 2018 Prize In Laser Physics	7 Dec 2018
Prof. Dr. Dieter Suter	Department of Physics, Technische Universität Dortmund August-Schmidt-Straße 4, 44227 Dortmund, Germany	The second quantum revolution and its impact on information technology	2 Jan 2019
Prof. Rajnikant	Department of Physics, University of Jammu, Baba Saheb Ambedkar Road, Jammu Tawi (J&K)-180006 (INDIA)	Basics of Crystallography	31 Jan 2019

Major Thrust Areas and Achievements:*Thrust Areas:*

•Condensed Matter Physics and Sensors & Instrumentation

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Pahari, B.	Ongoing	To Rationalize the Composition-Structure-Property Relationship in $\text{Na}_3+\text{xSC}_2(\text{SiO}_4)_x\text{PO}_4)_3\text{-X}$: New Promising NASICON Materials for Sodium-Ion Batteries	UGC-DAE-CSR	12.58
Hathwar, V.R.	Ongoing	Synthesis, Characterization and Optical Properties of Charge-Transfer Cocystals (UGC start-up Grant)	UGC	10.00
Priolkar, K.R.	Ongoing	Understanding Dynamics of Magneto Structural Coupling in Manganese Inter-Metallics Exhibiting First Order Transition	SERB-DST	41.16
Sudhir, C.	Ongoing	Reduced Graphene Oxide-Gold Nanoparticle Composite Based Surface Enhanced Raman Spectroscopy for Sensing Environmental Pollutants	UGC-DAE-CSR	12.58
Sudhir, C.	Ongoing	Optical Manipulation and Trapping Single Gold Shell Encapsulated Semiconductor Quantum Dots and Applications Towards Bioimaging	SERB-DST	49.5
Pahari, B.	Completed	Solid state NMR and computational study to probe the structural, defects and ion conduction mechanistic features in anti-perovskite based electrolyte materials	DST-SERB	29
Hyam, R.S.	Completed	Electrochemical Synthesis of Nanomaterials for Energy Applications (UGC Startup Grant)	UGC	6.00
Priolkar, K.R.	Completed	Effect of Site Occupancy Disorder on Martensitic Transformation in Mn Rich Magnetic Shape Memory Alloys	CSIR, New Delh	10.9
Raut-Desai, R. (PI); Desa, J.A.E. (Co-PI)	Completed	Mesoscopic Structural Investigation on Magnetic Porous Materials by SANS	UGC-DAE	1.35
Pai, R.V.	Completed	Quantum Phases of spin-1 bosonic atoms in Bichromatic Superlattices	UGC	14.39

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Refresher Course in Experimental Physics	12-27 Nov 2018	Indian Academy of Sciences, Bangalore

Research publications:

Articles in journals (* in SCI Journals):

- *Alavani, B.K.; Das, A.; Pai, R.V. Cluster mean field theory for 2-dimensional spin-1 Bose Hubbard model. *Journal of Physics B: Atomic, Molecular and Optical Physics*. 51(14); 2018; ArticleID_145302. DoI: <https://doi.org/10.1088/1361-6455/aac5b2>
- *Dias, E.T.; Das, A.; Hoser, A.; Emura, S.; Nigam, A.K.; Priolkar, K.R. Absence of first order magnetic transition, a curious case of Mn₃InC. *Journal of Applied Physics*. 125; 2019; ArticleID_063904. DoI: <https://doi.org/10.1063/1.5071444>
- *Dias, E.T.; Das, A.; Hoser, A.; Emura, S.; Nigam, A.K.; Priolkar, K.R. Phase separation and effect of strain on magnetic properties of Mn sub(3)Ga sub(1-x)Sn sub(x)C. *Journal of Applied Physics*. 124(15); 2018; ArticleID_153902. DoI: <https://doi.org/10.1063/1.5050655>
- *Gaonkar, V.N.; Dias, E.T.; Dey, A.B.; Giri, R.P.; Nigam, A.K.; Priolkar, K.R. Role of Tin and Carbon in the magnetic interactions in Mn sub(3)SnC. *Journal of Magnetism and Magnetic Materials*. 471; 2019; 215-219. DoI: <https://doi.org/10.1016/j.jmmm.2018.09.070>
- *Kothawale, M.M.; Tangsali, R.B.; Naik, G.K.; Budkuley, J.S. Enhancement of Magnetization and Tailoring of Blocking Temperatures of Nano-Ni-Zn Ferrite Powder Synthesized Using Microwave-assisted Combustion Method. *Journal of Superconductivity and Novel Magnetism*. 32(2); 2019; 373-379. DoI: <https://doi.org/10.1007/s10948-018-4719-3>
- *Lawrence, M.B.; Desa, J.A.E.; Francis, S.; Phal Dessai, V. Structural and spectroscopic properties of poly(vinyl alcohol)-borax hydrogels co-/doped with holmium and erbium. *Materials Research Express*. 6(6); 2019; ArticleID_065319. DoI: <https://doi.org/10.1088/2053-1591/ab087a>
- *Mahana, S.; Manju, U.; Nandi, P.; Welter, E.; Priolkar, K.R.; Topwal, D. Role of local structural distortion in driving ferroelectricity in GdCrO sub(3). *Physical Review B*. 97(22); 2018; ArticleID_224107. DoI: <https://dx.doi.org/10.1103/PhysRevB.97.224107>
- *Mahmood, Q.; Hassan, M.; Ahmad, S.H.A.; Bhamu, K.C.; Mahmood, A.; Ramay, S.M. Study of electronic, magnetic and thermoelectric properties of AV sub(2)O sub(4) (A = Zn, Cd, Hg) by using DFT approach. *Journal of Physics and Chemistry of Solids*. 128; 2019; 283-290. DoI: <https://doi.org/10.1016/j.jpcs.2017.08.007>
- *Mahmood, Q.; Hassan, M.; Bhamu, K.C.; Yaseen, M.; Ramay, S.M.; Mahmood, A. Density functional theory-based study of the magnetic and optical properties of PbMO sub(3) (M = Cr, Fe) using the modified BeckeJohnson mBJ functional. *Journal of Physics and Chemistry of Solids*. 128; 2019; 275-282. DoI: <https://doi.org/10.1016/j.jpcs.2017.12.030>
- *Maiti, S.; Das, D.; Pal, K.; Llorca, J.; Soler, L.; Colussi, S.; Trovarelli, A.; Priolkar, K.R.; Sarode, P.R.; Asakura, K.; Seikh, Md.M.; Gayen, A. Methanol steam reforming behavior of sol-gel synthesized nanodimensional Cu sub(x)Fe sub(1-x)Al sub(2)O sub(4) hercynites. *Applied Catalysis A: General*. 570; 2019; 73-83. DoI: <https://doi.org/10.1016/j.apcata.2018.11.011>

- *Manjula, S.; Kalaiaarasi, C.; Pavan, M.S.; Hathwar, V.R.; Kumaradhas, P. Charge density and electrostatic potential of hepatitis C anti-viral agent andrographolide: An experimental and theoretical study. *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*. B74; 2018; ArticleID_4981. DoI: <https://doi.org/10.1107/S2052520618014981>
- *Nayak, M.T.; Desa, J.A.E.; Reddy, V.R.; Nayak, C.; Bhattacharyya, D.; Jha, S.N. Structures of silicate glasses with varying sodium and fixed iron contents. *Journal of Non-Crystalline Solids*. 509; 2019; 42-47. DoI: <https://doi.org/10.1016/j.jnoncrysol.2019.01.009>
- *Nayak, M.T.; Desa, J.A.E. Roles of iron and lithium in silicate glasses by Raman spectroscopy. *Journal of Raman Spectroscopy*. 49(9); 2018; 1507-1513. DoI: <https://doi.org/10.1002/jrs.5397>
- Physics#Journal article##Naik, P.P.; Tangsali, R.B.; Meena, S.S.; Bhatt, P. Mossbauer study of as prepared and gamma irradiated Mn sub(0.7) Zn sub(0.3) Fe sub(2) O sub(4) nanoparticles. *Journal of Radiation and Nuclear Applications*. 4(2); 2019; 127-131. DoI: <http://www.naturalspublishing.com/files/published/1pb10d296kr110.pdf>
- *Rao, P.L.; Reddy, Y.J.; Pahari, B.; Ramanathan, K.V. Use of reverse cross-polarization for editing solid-state proton NMR spectra. *Journal of Molecular Structure*. 1168; 2018; 49-55. DoI: <https://doi.org/10.1016/j.molstruc.2018.04.097>
- *Salkar, K.Y.; Tangsali, R.B.; Gad, R.S.; Jeyakanthan, M.; UmaSubramanian Preparation characterization and magnetic properties of Zn sub((1-x))Co sub(x)O nanoparticle Dilute magnetic semiconductors. *Superlattices and Microstructures*. 126; 2019; 158-173. DoI: <https://doi.org/10.1016/j.spmi.2018.12.013>
- *Soares, B.P.; Desa, J.A.E.; Nayak, C.; Bhattacharyya, D.; Jha, S.N. Effect of neodymium and lanthanum oxides on alumino phosphate vitreous and devitrified states. *Materials Research Express*. 6(7); 2019; ArticleID_075202. DoI: <https://doi.org/10.1088/2053-1591/ab11eb>

Book:

- Srinivasan, R.; Priolkar, K.R.; Ramesh, T.G. Experiments in Physics: Laboratory Manual. *Indian Academy of Sciences, Bangalore*. 2018; 406pp.

PhDs:

Degree Awarded: 0
18

Submitted: 0

Students on Roll:

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Hathwar, V.R. Charge density analysis of materials: Beyond the ball and stick model in Crystallography (**Invited talk**). *Seminar on Recent Trends in Structural Chemistry*. 16 Feb 2019. School of Chemistry, Goa University.
- Hyam, R.S. Understanding Synthesis of TiO₂ nanotubes by anodization technique for energy applications. *Advanced Materials Synthesis, Characterization and Applications (AMSCA -2018)*. 14-15 Dec 2018. Savitribai Phule Pune University.
- Priolkar, K.R. Magnetostructural transition in Mn₃SnC antiperovskite. *Indo-Japan User's meeting of Indian beamline at Photon Factory, Japan*. 25-26 Sep 2018. JNCASR, Bangalore.

- Priolkar, K.R. Magnetostructural transition and Antiferromagnetism in Cubic Antiperovskites. *Int. Conf. on Magnetic Materials and Applications (ICMAGMA-2018)*. 9-13 Dec 2018. NISER Bhuvaneshwar, Bhuvaneshwar.
- Priolkar, K.R. Phase separation and modulated structure in Ni-Mn Magnetic shape memory alloys. *Nat. Conf. on Electronic Structures*. 17-19 Dec 2018. SRM University, Chennai.
- Priolkar, K.R. Understanding functional materials with EXAFS. *First Indian Materials Conclave*. 12-15 Feb 2019. Materials Research Society of India, IISc, Bangalore.

Lectures on other occasions

- Hathwar, V.R. Observing atomic interactions using X-rays. 10 Aug 2019. Dept. of Physics, Parvatibai Chowgule College of Arts and Science, Margao, Goa.
- Hyam, R.S. Electrochemical synthesis of nanomaterials for energy applications. 11 Aug 2018. Parvatibai Chowgule College of Arts and Science (Autonomous) Gogol, Margao, Goa.

Department of Electronics

Faculty:

Full-time

- **Rajendra S. Gad, Ph.D., Professor and Head** – Multivariate Signals & Systems and Computer Networks
- **Gourish M. Naik, Ph.D., Professor** – Fiber Optics & Sensors, Opto-electronics, Biomedical Instrumentation
- **Jivan S. Parab, Ph.D., Assistant Professor** – Embedded System Instrumentation, DSP, RTOS, HDL, Fiber optic sensors

Contractual:

- **Narayan T. Vetrekar, Ph.D., Assistant Professor (Contract)** – Pattern Recognition, Biometrics, Multi-spectral Imaging, Machine Learning, Image Processing

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Mr. Rupesh Paliekar Porob	Siemens Pvt. Ltd.	Role of Embedded system in Industry	26 Jan 2019

Major Thrust Areas and Achievements:

Thrust areas:

- Embedded system and Biomedical Instrumentation

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Parab, J.S.	Ongoing	Visweswaraya Young Faculty Award Electronics & IT	DeitY	37
Parab, J.S.	Ongoing	Visweswarayya Research	DeitY	33

		grant for Electronics &IT		
Naik, G.M.	Ongoing	Visweswarayya Research grant for Electronics &IT	DeitY	33
Gad, R.S.	Ongoing	Vishveshvaraya PhD Scheme in area of ESDM &ITES for five full-time candidates	DeitY	203
Gad, R.S.	Completed	Vishveshvaraya PhD Scheme in area of ESDM for two full-time candidates	DeitY	63.88

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Research Methodologies in Science	05-11 Feb 2019	Goa University
Research Technique and Writing Skills Workshop	07-09 May 2019	Goa University

Research publications:

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

- Ghanti, S.; Naik, G.M. Defense techniques of SYN flood attack characterization and comparisons. *International Journal of Network Security*. 20(4); 2018; 721-729. DoI: <http://ijns.femto.com.tw/contents/ijns-v20-n4/ijns-2018-v20-n4-p721-729.pdf>
- *Marchon, N.; Naik, G.M.; Pai, R. Monitoring of fetal heart rate using sharp transition FIR filter. *Biomedical Signal Processing and Control*. 44; 2018; 191-199. DoI: <https://doi.org/10.1016/j.bspc.2018.04.017>
- *Patil, S.; Naik, G.M.; Pai, R.; Gad, R.S. Stacked autoencoder for classification of glioma grade III and grade IV. *Biomedical Signal Processing and Control*. 46; 2018; 67-75. DoI: <https://doi.org/10.1016/j.bspc.2018.07.002>
- Prabhu, Y.V.; Parab, J.S.; Gad, R.S.; Naik, G.M. Farmer-friendly portable system for diagnosis of pest attack in cashew trees. *CSI Transactions on ICT*. 6(2); 2018; 215-219. DoI: <https://doi.org/10.1007/s40012-018-0198-8>

Articles in conference proceedings

- Raghavendra, R.; Vetrekar, N.; Raja, K.B.; Gad, R.S.; Busch, C. Detecting disguise attacks on multi-spectral face recognition through spectral signatures. *24. Int. Conf. on Pattern Recognition, Beijing, China, 20-24 Aug 2018*. 2018. DoI: https://www.researchgate.net/profile/R_Raghavendra/contributions
- Vetrekar, N.; Raja, K.B.; Ramachandra, R.; Gad, R.S.; Busch, C. Multi-spectral imaging for robust ocular biometrics. *Proc. Int. Conf. on Biometrics, ICB-2018*. 2018; 195-201. DoI: <http://dx.doi.org/10.1109/ICB2018.2018.00038>

Book chapters:

- Marchon N.; Naik G.M. Assessment of the fetal health using NI-aECG. *Advanced Computational and Communication Paradigms*, Ed. by: Bhattacharyya S., Gandhi T., Sharma K., Dutta P. Lecture Notes in Electrical Engineering. Springer, Singapore. 475; 2018; . DoI: https://doi.org/10.1007/978-981-10-8240-5_40
- Tavares, N.G.; Gad, R.S. Steady-state visual evoked potential-based real-time BCI for smart appliance control. *Cognitive Informatics and Soft Computing*, Ed. by: Mallick, P.;

Balas, V.; Bhoi, A. and Zobaa, A. *Advances in Intelligent Systems and Computing*, 768. Springer, Singapore.. 768; 2019; 795-805. DoI: https://doi.org/10.1007/978-981-13-0617-4_74

- Tavares, N.G.; Gad, R.S.; Hernandez, A.M.; Kakodkar, U.; Naik G.M. Autonomic nervous system for sympathetic and parasympathetic for cardiac event coherence. *Cognitive Informatics and Soft Computing*, Ed. by: Mallick, P.; Balas, V.; Bhoi, A. and Zobaa, A. *Advances in Intelligent Systems and Computing*, 768. Springer, Singapore.. 768; 2019; 781-794. DoI: https://doi.org/10.1007/978-981-13-0617-4_73

PhDs:

Degree Awarded: 3

Submitted: -

Students on Roll: 10

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Parab, J.S.; Sequeira, M.; Gad, R.S.; Naik, G.M. Effect of reduced point NIR spectroscopy on glucose prediction error in human blood tissue. *The World Thematic Conf. - Biomedical Engineering and Computational Intelligence (Springer BIOCOT 2018)*. 30-31 Oct 2018. Springer.

Lectures on other occasions

- Naik, G.M. Advances in communication technology. *Refresher Course Natural science*. 25 Feb 2019. UGC-HRDC, Goa Univ.
- Naik, G.M. High power lasers. *Refresher Course Natural science*. 7 Mar 2019. UGC-HRDC, Goa Univ.
- Naik, G.M. Holography. *Refresher Course Natural science*. 7 Mar 2019. UGC-HRDC, Goa Univ.
- Naik, G.M. Optical fibers basics. *Refresher Course Natural science*. 25 Feb 2019. UGC-HRDC, Goa Univ.
- Naik, G.M. Recent Trends in Chemistry. *Meet-2019*. 6 Feb 2019. BITS Pilani, KK Birla Goa Campus.

Parab, J.S. Biomedical and agro Instrumentation. *Refresher Course Natural science*. 25 Feb 2019. UGC-HRDC, Goa Univ.

Department of Earth Sciences

Faculty:

Full-time

- **Sohini Ganguly**, *Ph.D.*, DST Inspire Faculty – Igneous Petrology, Volcanology and Geochemistry
- **Niyati Kalangutkar**, *Ph.D.*, Assistant Professor – Igneous Petrology and Volcanology
- **Mahender Kotha**, *Ph.D.*, **Professor and Head** – Sedimentology & Petroleum Geology of Mesozoic Basins; Application of GIS & Remote Sensing in Earth Sciences
- **Anthony Arthur A. Viegas**, *Ph.D.*, Associate Professor – Igneous Petrology

Contractual:

•**Poornima Keshav Dhawaskar**, *Ph.D.*, Assistant Professor (Contract) – Mineralogy, Geochemistry and Igneous Petrology

•**Purushottam Anil Verlekar**, *M.Sc.*, Assistant Professor (Contract)

Major Thrust Areas and Achievements:

Thrust Areas:

•Environmental Studies; Igneous Petrology and Volcanology; Petroleum Geology; Sedimentology & Petroleum Geology of Mesozoic Basins; Statistical Geology

Achievement:

•Ganguly, S.: Young Scientist Award - 2018 (Ministry of Mines (Govt. of India))

Incremental Infrastructure:

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
National conclave on value Education	13 Dec 2018	Goa University

Research publications:

Articles in journals (in SCI Journals):*

- *Menezes, A.; Mahender, K.; Chakraborty, B.; Fernandes, W.A.; Vardhan, Y.V.; Kurian, J. Mapping and analyses of two coralline banks in the western continental margin of India using multibeam echosounder data. *Indian Journal of Geo-Marine Sciences*. 47(7); 2018; 1345-1352. DoI: <http://nopr.niscair.res.in/handle/123456789/44620>
- *Pahari, A.; Tang, L.; Manikyamba, C.; Santosh, M.; Subramanyam, K.S.V.; Ganguly, S. Meso-Neoproterozoic magmatism and episodic crustal growth in the Kudremukh-Agumbe granite-greenstone belt, western Dharwar Craton, India. *Precambrian Research*. 323; 2019; 16-54. DoI: <https://doi.org/10.1016/j.precamres.2019.01.005>
- Rane, N.T.; Matta, V.M. Geochemistry of sediment archives of agricultural lands with reference to past mining in Goa, west-coast of India. *International Journal of Scientific Research and Reviews*. 8(1); 2019; 2808-2825. DoI: <http://www.ijssr.org/pdf/2364.pdf>
- Rane, N.T.; Matta, V.M. Impact of past iron ore mining on the sediment cores of rivers of Goa, west-coast of India. *Research Journal of Environmental and Earth Sciences*. 11(1); 2019; 1-13. DoI: <https://doi.org/10.19026/rjees.11.5991>
- *Shuhail, M.; Yatheesh, V.; Bhattacharya, G.C.; Muller, R.D.; KameshRaju, K.A.; Mahender, K. Formation and evolution of the Chain-Kairali Escarpment and the Vishnu Fracture Zone in the Western Indian Ocean. *Journal of Asian Earth Sciences*. 164; 2018; 307-321. DoI: <https://doi.org/10.1016/j.jseaes.2018.06.022>
- *Singh, Th.D.; Manikyamba, C.; Subramanyam, K.S.V.; Ganguly, S.; Khelen, A.C.; Reddy, N.R. Mantle heterogeneity, plume-lithosphere interaction at rift controlled ocean-continent transition zone: evidence from trace-PGE geochemistry of Vempalle flows, Cuddapah Basin, India. *Geoscience Frontiers*. 9(6); 2018; 1809-1827. DoI: <https://doi.org/10.1016/j.gsf.2017.12.013>
- *Yang, Q-Y.; Ganguly, S.; Santosh, M.; Shaji, E.; Dong, Y.; Nanda-Kumar, V. Extensional collapse of the Gondwana orogen: Evidence from Cambrian mafic magmatism in the Trivandrum Block, southern India. *Geoscience Frontiers*. 10(1); 2019; 263-284. DoI: <http://doi.org/10.1016/j.gsf.2017.12.002>

PhDs:

Degrees Awarded: 2

Submitted: -

Students on Roll: 8

Conference Presentations, Lectures, etc.*Conference presentations/ lectures*

- Gadgil, R.; Viegas, A.; Iyer, S.D. Tectonic aspects of dyke emplacement along the coast of Goa: A Preliminary study. *Nat. Conf. and Workshop on Rock deformation and Structures*. 4-6 Oct 2018. Delhi University.
- Kalangutkar, N.; Kurian, J. Hydrothermal signatures in ferromanganese crust along the Central and South West Indian ridges. *SCOR-Interridge Workshop*. 14-16 Nov 2018. NIO.
- Mahender, K. Stratigraphic sedimentology of Jurassic of Kachchh. *Brainstorming Session and Nat. Seminar on Kachchh*. 30 Dec 2018 - 1 Jan 2019. KSKV Kachchh University, Bhuj, Gujarat.
- Purushottam, V.; Mahender, K. *Sedimentology & petrography of the lower Kaladgi clastic sequence*. 35. *Convention of Indian Association of Sedimentologists*. 20-30 Jan 2019. Sagar University.

2.4 Faculty of Life Sciences & Environment

Faculty of Life Sciences and Environment

**Departments and Degrees:**

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

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

Department of Marine Sciences (M.Sc., M.Phil., Ph.D.)

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

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

FACULTY BOARD (Till 9/1/2017)

Dean, Faculty of Life Science & 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 Marine Science	Member (Ex-Officio)
Head, Department of Biotechnology	Member (Ex-Officio)
Prof. G. N. Nayak	Member (Ex-Officio)
Prof. P. K. Sharma	Member (Ex-Officio)
Prof. (Smt.) Muraleedharan U.D.	Member (Ex-Officio)
Prof. H. B. Menon	Member (Ex-Officio)
Prof. S. K. Dubey	Member (Ex-Officio)
Prof. Sarita W. Nazareth	Member (Ex-Officio)
Prof. R. Roy	Member (Ex-Officio)
Prof. I. K. Pai	Member (Ex-Officio)
Dr. V. M. Matta	Member (Ex-Officio)
Prof. S. Krishnan	Member (Ex-Officio)
Prof. Sanjeev Ghadi	Member (Ex-Officio)
Prof. B.F. Rodrigues	Member (Ex-Officio)
Dr. Nandakumar M. Kamat	Member
Dr. (Smt.) Urmila Barros	Member
Dr. S. Upadhyay	Member
Dr. (Smt.) Lakshangy Suresh Charya	Member
Dr. Aftab A. S. Can	Member

Department of Botany

Faculty:

Full-time

- Rupali Rama Bhandari, Ph.D.**, Assistant Professor – Algal Physiology, Biochemistry and Biotechnology
- Malapati K. Janarthanam, Ph.D.**, Professor – Systematics of Angiosperms, Endemic flora of Western Ghats, Biodiversity
- Nandkumar Mukund Kamat, Ph.D.**, Assistant Professor – Mycology, Biochemistry, Fungal Biotechnology, Environmental Microbiology, Bioinformatics, Environmental impact assessment, Environmental Education, Science popularization & Public Policy research
- Vijaya U. Kerkar, Ph.D., Professor and Head** – Algae and Pteridophyta
- S. Krishnan, Ph.D.**, Professor – Plant Histochemistry, Plant Biotechnology and Molecular Biology
- Bernard F. Rodrigues, Ph.D.**, Professor – Cytogenetics and Plant Breeding, Mycorrhizae, Reclamation of mine wastelands. Documentation of Medicinal Plants, Plant Tissue culture.
- Prabhat Kumar Sharma, Ph.D.**, Professor – Molecular Plant Stress Physiology, Climatic Changes and Crop Productivity, Bioprospecting

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Dr. A.R. Dessai	ICAR, Goa	Principles and methods of preservation of fruits	31 Jan 2019
Dr.(Ms) M.J. Gupta	ICAR, Goa	Methods of storage of fruit crops	14 Feb 2019
Prof. N.S. Atri	Department of Botany, Punjab University, Patiala, Punjab	Mushrooms in service of Society and Environment	8 Mar 2019
Dr. Pradip Sarmokadam	Member Secretary, Goa State Biodiversity Board	Activities of Goa State Biodiversity Board	8 Mar 2019
Dr. Rajendra Kerkar	Vivekanand Environment Brigade Goa	Sacred Groves of Goa	14 Mar 2019

Major Thrust Areas and Achievements:

Thrust Areas:

- Biodiversity and taxonomy (Algae,Fungi, Pteridophytes, Angiosperms), Stress physiology, Mycorrhizae, Medicinal plants, Wasteland reclamation, Histochemistry of rice, endemic plants and bioprospecting

Achievements:

- Rodrigues, B.F.: Dr. V. Agnihothrudu Memorial Award Lecture (Mycological Society of India (MSI))

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
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	24.96
Krishnan, S.	Ongoing	Dye Yielding Plants of Goa and Their Potential Use in Biological and Textile Staining	DSTE, Govt. of Goa	7.5
Randive, P.	Ongoing	Systematic Studies on Lichens of Cotigao Wildlife Sanctuary, Goa	DST	16.89
Rodrigues, B.F.	Ongoing	Screening for Efficient Microbial Consortium for Yield Improvement in <i>Vigna unguiculata</i> (L.) Walp.	DSTE, Govt. of Goa	11.15
Sharma, P.K.	Ongoing	Biodiversity, Eco-physiology and Biotechnology	UGC-SAP (DRS III)	118
Rodrigues, B.F.	Completed	Retrieval of Biophysical Parameters in Part of Western Ghats using GISAT	SAC-ISRO	15.41

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Awareness workshop on Sustainable Eco-Conservation of Wild Edible 'Roan Alami' (<i>Termitomyces</i> spp)	6 Jul 2018	Goa State Biodiversity Board
Seminar on New Vistas in Life Sciences	25 Jan 2019	Goa Univ

Research publications:

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

- Dabolkar, S.; Kamat, N.M. Fractal dimension analysis of swarms of gold nano/micro particles produced by wild *Rhizobium* cultures using a novel slide based system. *International Journal of Interdisciplinary Research and Innovations*. 7(1); 2019; 416-425. DoI: <http://www.researchpublish.com/journal/IJIRI/Issue-1-January-2019-March-2019/0>
- Dabolkar, S.; Kamat, N.M. Potential of geophagous earthworms in ecofriendly and sustainable biomining of gold from auriferous soils. *International Journal of Research and Analytical Reviews*. 6(1); 2019; 585-591. DoI: <http://www.ijrar.org/papers/IJRAR191210.pdf>

- *Deshpande, A.S.; Krishnan, S.; Janarthanam, M.K.; Maslin, B.R. Annotated checklist of *Senegalia* and *Vachellia* (Leguminosae: Mimosoideae) for the Indian subcontinent. *Nordic Journal of Botany*. 37(4); 2019; ArticleID_02047. DoI: <https://doi.org/10.1111/njb.02047>
- de Souza, R.A.; Kamat, N.M. Evaluation and characterization of pellet morphology of genus *Termitomyces* heim of a wild tropical edible mushroom. *Journal of Pharmaceutical, Chemical and Biological Sciences*. 6(4); 2018; 320-328. DoI: https://www.jpCBS.info/2018_6_4_5_Rosy.pdf
- *DeSouza, R.A.; Kamat, N.M.; Nadkarni, V.S. Purification and characterisation of a sulphur rich melanin from edible mushroom *Termitomyces albus* Heim. *Mycology*. 9(4); 2018; 296-306. DoI: <https://doi.org/10.1080/21501203.2018.1494060>
- de Souza, R.A.; Kamat, N.M. *Termitomyces* holomorph benefits from anomalous Sulphur content in teleomorph. *International Journal of Life Sciences Research*. 7(1); 2019; 186-192. DoI: <http://www.researchpublish.com/journal/IJLSR/Issue-1-January-2019-March-2019/0>
- *Fernandes, M.C.; Krishnan, S. Elemental composition and X-ray diffraction studies of *Strobilanthes* species. *Indian Journal of Biochemistry and Biophysics*. 56(2); 2019; 144-149. DoI: <http://nopr.niscair.res.in/handle/123456789/46915>
- *Joseph, S.; Nayaka, S.; Randive, P.; Upreti, D.K. New records and a key to the species of *Malmidea* (lichenized Ascomycota) from India. *Feddes Repertorium*. 129(3); 2018; 189-192. DoI: <https://doi.org/10.1002/fedr.201800011>
- Kamat, N.M. Prehistoric Goa. *Goa Today*. 53(7); 2019; 21-28. DoI:
- *Kambale, S.S.; Janarthanam, M.K. Lectotypifications in *Brachystelma* (Apocynaceae: Ceropogoniaceae). *Rheedea*. 28(1); 2018; 46-48. DoI: <http://dx.doi.org/10.22244/rheedea.2018.28.1.07>
- *Kolte, R.; Deshpande, A.; Kambale, S. *Canscora shrirangiana* (Gentianaceae), a new species from lateritic plateaus of Goa, India. *Kew Bulletin*. 73(3); 2018; ArticleID_34. DoI: <https://doi.org/10.1007/s12225-018-9758-1>
- Kolte, R.R.; Kambale, S.S. Additions to the flowering plants of Goa. *Zoo's Print*. 33(11); 2018; 15-21. DoI: <https://zoosprint.zooreach.org/index.php/zp/article/view/3526/3084>
- *Lin, C-G; Bhat, D.J.; Liu, J-K; Hyde, K.D.; Wang, Y. The genus *Castanediella*. *MycoKeys*. 51; 2019; 1-14. DoI: <https://doi.org/10.3897/mycokeys.51.32272>
- Martins, W.F.X.; Rodrigues, B.F. Arbuscular mycorrhizal fungal diversity in *Oryza sativa*(rice) varieties cultivated in Khazan lands in Goa. *Kavaka*. 50; 2018; 48-52. DoI: <http://www.fungiindia.co.in/images/kavaka/50/8.pdf>
- *Naveenkumar, V.V.; Prabhukumar, K.M.; Jagadeesan, R.; Harinarayanan, C.M.; Nair, M.C.; Janarthanam, M.; Balachandran, I. *Utricularia sunilii* (Lentibulariaceae), a striking new species from southern Western Ghats, Kerala, India. *Phytotaxa*. 371(2); 2018; 140-144. DoI: <http://dx.doi.org/10.11646/phytotaxa.371.2.9>
- Randive, P.; ayaka, S.; Janarthanam, M.K. Lichens of Cotigao Wildlife Sanctuary, Goa. *International Journal of Life Sciences*. (Sp. Issue A9); 2018; 31-36. DoI: <http://oaji.net/articles/2017/736-1518452613.pdf>
- Rodrigues, K.M.; Rodrigues, B.F. Maximizing the shelf life of monoxenically produced carrier-based am fungal bio-inocula for maintaining its long-term viability. *Journal of Phytology*. 10; 2018; 43-48. DoI: <https://doi.org/10.25081/jp.2018.v10.3546>

- Sawant, A.; Rodrigues, B.F.; Sardesai, Y. Anti-microbial and anti-cancer activity of *Setosphaeria monoceras*, an endophytic fungus associated with tropical mangrove plant. *World Journal of Pharmacy and Pharmaceutical Sciences*. 7(6); 2018; 1315-1329. DoI: http://www.wjpps.com/wjpps_controller/abstract_id/9137
- *Wang, G-N.; Yu, X-D.; Dong, W.; Bhat, D.J.; Boonmee, S.; Zhang, D.; Zhang, H. Freshwater hyphomycetes in Eurotiomycetes: a new species of *Minimelanolocus* and a new collection of *Thysanorea papuana* (Herpotrichiellaceae). *Mycological Progress*. 18(4); 2019; 511-522. DoI: <https://doi.org/10.1007/s11557-019-01473-7>

Book chapter

- Rodrigues, K.M.; Rodrigues, B.F. *Arbuscular mycorrhizae: Natural ecological engineers for agro-ecosystem sustainability* (Chapter 12). *New and Future Developments in Microbial Biotechnology and Bioengineering*, Ed. by: Singh, J.S. and Singh, D.P.. 2019; 165-175. DoI: <https://www.elsevier.com/books/new-and-future-developments-in-microbial-biotechnology-and-bioengineering/singh/978-0-444-64191-5>

PhDs:

Degrees Awarded: 3

Submitted: 3

Students on Roll: 20

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Dabolkar, S.; Kamat, N.M. Comparative studies on swarms and morphology of AuNps and micro particles produced by bacterial and fungal cellular and cell free. *Int. Symp. on Fungal Biology: Advances, Application and Conservation (INSFB 2018) & 45th Annual Meeting of Mycological Society of India*. 19-21 Nov 2018. Nat. Fungal Culture Collection of India, Agharkar Research Institute, Pune.
- Dabolkar, S.; Kamat, N.M. Generating sustainable wealth from lateritic waste - Prospects of Biomining of Gallium. *Nat. Conf. on Microbial Bioremediation: Novel Approaches and Trends*. 27-28 Feb 2019. Dept. of Microbiology, Goa Univ.; DSTE, Govt. of Goa.
- Dabolkar, S.; Kamat, N.M. How Indian state of Goa could attain its potential in Asia as major metallogenic province through knowledge based sustainable biomining with new focus on neglected auriferous resources. *Nature Conf.: Minerals and Materials for a Sustainable Future*. 2018. 11-13 Sep 2018. Geological Survey of Norway, Trondheim, Norway.
- Dabolkar, S.; Kamat, N.M. Reinventing the Indian alchemic heritage of Bhunagas – How geophagous earthworms can help in ecofriendly and sustainable biomining of gold from auriferous soils. *Seminar on Appropriate Technologies for Rural Sectors*. 27 Oct 2018. Centre For Appropriate Technology for rural sector- CATers.
- DeSouza, R.; Kamat, N.M.; Nadkarni, V.S. Cultural melanin characterization from wild edible mushroom *Termitomyces albuminosus* heim. *Int. Symp. on Fungal Biology: Advances, Application and Conservation (INSFB 2018) & 45th Annual Meeting of Mycological Society of India*. 19-21 Nov 2018. Nat. Fungal Culture Collection of India, Agharkar Research Institute, Pune.
- DeSouza, R.; Kamat, N.M. The magic, mystery and mechanics of melanized pseudorhiza in *Termitomyces* spp. *Int. Symp. on Fungal Biology: Advances, Application and Conservation (INSFB 2018) & 45th Annual Meeting of Mycological*

Society of India. 19-21 Nov 2018. Nat. Fungal Culture Collection of India, Agharkar Research Institute, Pune.

- Fernandes, M.C.; Krishnan, S. *Strobilanthes callosa* Nees a potential medicinal plant, an alternative for *Strobilanthes ciliata* Nees (vulnerable endemic plant) from Western Ghats of India. 28. *Annual Conf. of Indian Association for Angiosperm Taxonomy & Int. Symposium on Conservation of Angiosperm Diversity: Hidden Treasure of Today and Tomorrow*. 29-31 Oct 2018. Dept. of Botany, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat.
- Gaonkar, V.U.; Krishnan, S. Pollen morphological characteristics of some plant species from Quepem Taluka, Goa and their taxonomic importance. 28. *Annual Conf. of Indian Association for Angiosperm Taxonomy & Int. Symposium on Conservation of Angiosperm Diversity: Hidden Treasure of Today and Tomorrow*. 29-31 Oct 2018. Dept. of Botany, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat.
- Kamat, N.M.; Dabolkar, S. Environmentally sustainable biomining of neglected auriferous resources of Goa. *Nat. Conf. on Microbial Bioremediation: Novel Approaches and Trends*. 27-28 Feb 2019. Dept. of Microbiology, Goa Univ.; DSTE, Govt. of Goa.
- Kamat, N.M.; Dabolkar, S. History of gold mining in Goa through the ages. 20. *Local History Seminar on History of Goa*. 10 Jan 2019. Dept. of History, Goa University; Directorate of Archives and Archaeology.
- Kamat, N.M. How Goans engineered resilient Khazan agroecosystem to withstand natural upheavals for two millenia. *Seminar on Appropriate Technologies for Rural Sectors*. 27 Oct 2018. Centre For Appropriate Technology for rural sector- CATers.
- Kamat, N.M. Konkani language, literature, education and culture-towards a bright future (Chairman's address). *Seminar on Silver Jubilee of Inclusion of Konkani in the 8th schedule of Indian constitution (1992-2017)*. 18-19 Feb 2019. Sahitya Akademi; DHE, Goa; Govt. College of Arts, Science and Commerce, Khandola.
- Khandeparkar, S.; Kamat, N.M. Novel artificial technique for studying Aquatic *Hyphomycetes* under laboratory conditions. *State level Exhibition of Research Based Projects*. 9 Mar 2019. Dept. of Microbiology, R.S. Naik College of Arts and Science, Ponda; DSTE, Govt. of Goa.
- Naik, A.V.; Krishnan, S. Evaluation of antioxidant potential of plant parts of *Annona muricata* L. (Annonaceae). 3. *Annual Int. Conf. Intellectual Property: Prosecution to Litigation Part-II: Protecting Inventions and Copyrights*. 15-16 Nov 2018. Goa College of Pharmacy, Panaji, Goa.
- Pal, S.; Kamat, N.M. Fractal analysis of fresh water yeast colony margins facilitates strain selection in biotreatment of turbid water. *Int. Symp. on Fungal Biology: Advances, Application and Conservation (INSFB 2018) & 45th Annual Meeting of Mycological Society of India*. 19-21 Nov 2018. Nat. Fungal Culture Collection of India, Agharkar Research Institute, Pune.
- Pal, S.; Kamat, N.M. Potential of novel biotreatment process using freshwater yeast culture as active cellular biofloculants for reduction of turbidity of mine tailing water. *Nat. Conf. on Microbial Bioremediation: Novel Approaches and Trends*. 27-28 Feb 2019. Dept. of Microbiology, Goa Univ.; DSTE, Govt. of Goa.
- Pal, S.; Kamat, N.M. Yeast in southwest monsoon rainwater: Some ecological and biometeorological implications. *Nat. Symp. on Current Trend and Future Prospects in Plant Science Research*. 1-3 Feb 2019. Banaras Hindu University Varanasi.

- Petkar, A.; Kamat, N.M. Fractal characterization of presumptively polysaccharide capped calcium oxide crystalline mycolith swarms in wild mushroom cultures obtained by thermal treatment. *Int. Symp. on Fungal Biology: Advances, Application and Conservation (INSFB 2018) & 45th Annual Meeting of Mycological Society of India*. 19-21 Nov 2018. Nat. Fungal Culture Collection of India, Agharkar Research Institute, Pune.
- Rodrigues, B.F. Development of viable inocula from pot and monoxenic cultures of AM fungi (**Lead lecture**). *Agrobiodiversity Conservation for sustainable Socio-ecological Development*. 2018-09-24. Centre for Ecological Economics and Natural Resources (CEENR), Institute for Social and Economic Change (ISEC), Bengaluru and Department of Applied Botany, Mangalore University.
- Verenkar, N.G.S.; Krishnan, S. Phytochemical analysis of crude bark extracts from selected dye-yielding plant species. *3. Annual Int. Conf. Intellectual Property: Prosecution to Litigation Part-II: Protecting Inventions and Copyrights*. 15-16 Nov 2018. Goa College of Pharmacy, Panaji, Goa.

Lectures on other occasions

- Kamat, N.M. Critique. Goa State Draft Tourism Policy. 7 Nov 2018. Centre for Responsible Tourism; Caritas, Goa; Council for Social Justice and Peace.
- Kamat, N.M. 'Resurgent Goa' - Goan Society from 1900-1961 by V.V. Kamat. 25 Oct 2018. Broadway book centre, Panaji.
- Kamat, N.M. Biodiversity laws in Goa. 29-30 Jan 2019. UNDP-GEF (Global ABS); NLSIU, Bangalore; V.M. Salgaonkar College of Law.
- Kamat, N.M. Restoring ecological, economic and agroentrepreneurial glory of Khazans of Goa. 30 April 2019. Senado hall, Hotel Mandovi, Panaji.
- Kamat, N.M. Wild edible termitomyces Mushroom. *Workshop for members of Biodiversity Management committees*. 6 Jul 2018. Goa State Biodiversity Board.
- Krishnan, S. Cyto-histochemistry and its applications in Biology. *Refresher Course in Life sciences*. 28 Sep-18 Oct 2018. UGC-HRDC, Goa Univ.
- Krishnan, S. Engineering rice for enhanced nutrition and productivity. *Refresher Course in Life sciences*. 28 Sep-18 Oct 2018. UGC-HRDC, Goa Univ.

Department of Microbiology

Faculty:

Full-time

- **Lakshangy Charya**, *Ph.D.*, Assistant Professor – General and Environmental Microbiology, Bioremediation, Ectomycorrhizal fungi
- **Priya Mallika D'Costa**, *Ph.D.*, Assistant Professor (Tenure) – Marine Microbiology, Interactions Between Bacteria and Phytoplankton, Diatom Diversity, Biofilms
- **Pooja Dua-Chaudhari**, *Ph.D.*, UGC-Assistant Professor – Cancer Research, biomarker identification. Aptamer based theranostics for disease treatment and diagnostics
- **Sandeep Garg**, *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

•**Milind Mohan Naik**, *Ph.D.*, Assistant Professor (Tenure) – Environmental Microbiology, Molecular Biology, Agricultural Microbiology, Marine Microbiology

Contractual:

•**Delicia Avilla Barretto**, *Ph.D.*, Assistant Professor (Contract) – Medical Microbiology, Bioprospecting, Food Microbiology

•**Varada Samir Damare**, *Ph.D.*, Assistant Professor (Contract) – Marine Microbiology, Microbial Ecology, Marine Protists, Microbial Bioprospecting, Bioremediation, Trophic Interactions

•**Snigdha Mayenkar**, *M.Sc.*, Assistant Professor (Contract) – Biotechnology, Nanotechnology, Fermentation technology, Environmental Microbiology, Bioactive compounds

•**Bhakti Balkrishna Salgaonkar**, *Ph.D.*, Assistant Professor (Contract) – Halophilic Archaea, Extremophilic Microorganisms and their Bioprospecting

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Dr. Subhajit Basu	Hebrew University, Israel	Mutual quest <i>Trichodesmium</i> bacteria for iron from dust.	15 Jan 2019
Prof. Ashwani Pareek	School of Life Sciences, Jawaharlal Nehru University, Delhi	Getting ready to feed 9 Billion	28 Jan 2019
Prof. D. Balachandar	Dept. of Agricultural Microbiology, Tamil Nadu Agricultural University Coimbatore	SCAR marker as quality standard of inoculants.	06 Feb 2019

Major Thrust Areas and Achievements:

Thrust Areas:

•Applied Environmental Microbiology and Marine Microbiology – Ecology of extremophiles with focus on halophilic microorganisms (Archaea, Bacteria, Fungi, Phytoplankton), their molecular microbiology and genetic engineering, heavy metal bioremediation and bioprospecting for industrially important enzymes (protease, xylanase, amylase cellulases, lipase), antimicrobials and PHA

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Naik, M.M.	Completed	Studies on Involvement of Quorum Sensing Molecules in Development of Biofilm and Expression of Virulence Genes in <i>Listeria monocytogenes</i> and	SERB-DST	11.5

		Staphylococcus aureus Isolated from Dairy Industry		
--	--	--	--	--

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Nat. Conf. on Microbial Bioremediation: Novel Approaches and Trends	27-28 Feb 2019	Goa University

Research publications:

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

- *Asolkar, T.; Ramesh, R. Development of T3SS mutants (hrpB sup(-) and hrcV sup(-)) of *Ralstonia solanacearum*, Evaluation of virulence attenuation in Brinjal and Tomato - A pre-requisite to validate T3Es of *R. solanacearum*. *Indian Journal of Microbiology*. 58(3); 2018; 372-380. DoI: <https://doi.org/10.1007/s12088-018-0736-y>
- *Dua, P.; Kang, S.; Shin, H.-S.; Kim, S.; Lee, D.-k. Cell-SELEX-based identification of a human and mouse cross-reactive endothelial cell-internalizing aptamer. *Nucleic Acid Therapeutics*. 28(4); 2018; 262-271. DoI: <https://doi.org/10.1089/nat.2017.0711>
- *Fernandes, G.L.; Shenoy, B.D.; Menezes, L.D.; Meena, R.M.; Damare, S.R. Prokaryotic diversity in Oxygen depleted waters of the Bay of Bengal inferred using culture-dependent and -independent methods. *Indian Journal of Microbiology*. 59(2); 2019; 193-199. DoI: <https://doi.org/10.1007/s12088-019-00786-1>
- *Gaonkar, S.K.; Furtado, I. Isolation and culturing of protease- and lipase-producing *Halococcus agarilyticus* GUGFAWS-3 from marine *Haliclona* sp. inhabiting the rocky intertidal region of Anjuna in Goa, India. *Annals of Microbiology*. 68(12); 2018; 851-861. DoI: <https://doi.org/10.1007/s13213-018-1391-6>
- Gaonkar, S.K.; Furtado, I.J. Use of immobilized whole cells of *Haloferax* ATCC BAA 645 for treatment of dairy and fish waste effluents. *International Journal of Pharmacy and Biological Sciences*. 8(1 (Spl Issue)); 2018; 16-21. DoI: https://www.ijpbsonline.com/uploads/1/2/1/8/12183777/16-21-use_of_immobilized-sanket_gaonkar.pdf
- *Halдар, S.; Nazareth, S.W. Diversity of fungi from mangrove sediments of Goa, India, obtained by metagenomic analysis using Illumina sequencing. *3 Biotech*. 9(5); 2019; ArticleID_164. DoI: <https://doi.org/10.1007/s13205-019-1698-4>
- *Halдар, S.; Nazareth, S.W. Taxonomic diversity of bacteria from mangrove sediments of Goa: Metagenomic and functional analysis. *3 Biotech*. 8(10); 2018; ArticleID_436. DoI: <https://doi.org/10.1007/s13205-018-1441-6>
- *Imran, Md.; Das, K.R.; Naik, M.M. Co-selection of multi-antibiotic resistance in bacterial pathogens in metal and microplastic contaminated environments: An emerging health threat. *Chemosphere*. 215; 2019; 846-857. DoI: <https://doi.org/10.1016/j.chemosphere.2018.10.114>
- *Lotlikar, N.P.; Damare, S.R. Variability in protein expression in marine-derived *Purpureocillium lilacinum* subjected to salt and chromium stresses. *Indian Journal of Microbiology*. 58(3); 2018; 360-371. DoI: <https://doi.org/10.1007/s12088-018-0733-1>
- *Malik, A.D.; Furtado, I. Cellulase-free xylanase by *Halococcus thailandensis* GUMFAS7 and *Halorubrum saccharovorum* GUMFAS1-bionts of a sponge

- Cinachyrella cavernosa. *Microbiology*. 88(2); 2019; 212-219. DoI: <https://doi.org/10.1134/S0026261719020073>
- *Malik, A.D.; Furtado, I. Haloferax sulfurifontis GUMFAZ2 producing xylanase-free cellulase retrieved from Haliclona sp. inhabiting rocky shore of Anjuna, Goa-India. *Journal of Basic Microbiology*. 59(7); 2019; 692-700. DoI: <https://doi.org/10.1002/jobm.201800672>
 - Malik, A.D.; Furtado, I.J. Clarification of saline textile dye waters using haloarchaeal aerobic sequential bioreactor system. *International Journal of Pharmacy and Biological Sciences*. 8(1 (Spl Issue)); 2018; 22-28. DoI: https://www.ijpbsonline.com/uploads/1/2/1/8/12183777/22-28-clarification-alisha_malik.pdf
 - *Mujawar, S.Y.; Shamim, K.; Vaigankar, D.C.; Dubey, S.K. Arsenite biotransformation and bioaccumulation by Klebsiella pneumoniae strain SSSW7 possessing arsenite oxidase (aioA) gene. *Biometals*. 32(1); 2019; 65-76. DoI: <https://doi.org/10.1007/s10534-018-0158-7>
 - *Naik, M.M.; Naik, S.P.; Dubey, S.K.; Bhat, C.; Charya, L.S. Enhanced exopolysaccharide production and biofilm forming ability in methicillin resistant Staphylococcus sciuri isolated from dairy in response to acyl homoserine lactone (AHL). *Journal of Food Science and Technology*. 55(6); 2018; 2087-2094. DoI: <https://doi.org/10.1007/s13197-018-3123-0>
 - *Salgaonkar, B.B.; Sawant, D.T.; Harinarayanan, S.; Braganca, J.M. Alpha-amylase production by extremely halophilic archaeon Halococcus strain GUVSC8. *Starch*. 71(5-6); 2019; ArticleID_1800018. DoI: <https://doi.org/10.1002/star.201800018>
 - *Salkar, K.; Gadgil, V.; Dubey, S.K.; Naik, M.M.; Pandey, R.R. Largest freshwater lake 'Loktak' in Manipur needs urgent conservation. *Current Science*. 114(12); 2018; 2436-2437. DoI: <http://www.currentscience.ac.in/Volumes/114/12/2436.pdf>
 - *Shamim, K.; Sharma, J.; Mutnale, M.; Dubey, S.K.; Mujawar, S. Characterization of a metagenomic serine metalloprotease and molecular docking studies. *Process Biochemistry*. 71; 2018; 69-75. DoI: <https://doi.org/10.1016/j.procbio.2018.05.020>

Book chapters:

- Charya, L.S.; Garg, S. Advances in methods and practices of ectomycorrhizal research (Chapter 19). *Advances in Biological Science Research: A Practical Approach*. 2019; 303-325. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00019-7>
- Damare, V.S. Advances in isolation and preservation strategies of ecologically important marine protists, the thraustochytrids (Chapter 30). *Advances in Biological Science Research: A Practical Approach*. 2019; 485-500. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00030-6>
- D'Costa, P.M.; Naik, R.K. Advances in sampling strategies and analysis of phytoplankton (Chapter 31). *Advances in Biological Science Research: A Practical Approach*. 2019; 501-521. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00031-8>
- Haldar, S. Bioinformatics methods: Application toward analyses and interpretation of experimental data (Chapter 1). *Advances in Biological Science Research: A Practical Approach*. 2019; 1-19. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00001-X>
- Naik-Samant, S.; Naik, M.M.; Vaingankar, D.; Mujawar, S.Y.; Parab, P.; Meena, S.N. Biodegradation of seafood waste by seaweed-associated bacteria and application of seafood waste for ethanol production (Chapter 10). *Advances in Biological Science*

Research: A Practical Approach. 2019; 149-159. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00010-0>

- Prabhu, N.; Borkar, S.; Garg, S. Phosphate solubilization by microorganisms: Overview, mechanisms, applications and advances (Chapter 11). *Advances in Biological Science Research: A Practical Approach*. 2019; 161-176. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00011-2>
- Shamim, K.; Mujawar, S.; Mutnale, M. Metagenomics a modern approach to reveal the secrets of unculturable microbes (Chapter 12). *Advances in Biological Science Research: A Practical Approach*. 2019; 177-195. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00012-4>

Book:

- Meena, S.N.; Naik, M.M. *Advances in Biological Science Research: A Practical Approach*. Academic Press. 2019; 550pp. DoI: <https://www.sciencedirect.com/book/9780128174975/advances-in-biological-science-research#book-info>

PhDs:

Degree Awarded: 2

Submitted: 0

Students on Roll: 8

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- D'Costa, P.M. Biotechnological applications of diatoms and their associated bacteria. *Nat. Seminar on Recent Trends in Microbial Technology*. 8-9 Feb 2019. Government College of Arts, Science and Commerce, Quepem, Goa.
- Garg, S. Microbial transformation of solid waste to wealth. *Nat. Conf. on Recent trends in Solid Waste Management (NCRTSM-2019)*. 30-31 Jan 2019. Yashvantrao Chavan Institute of Science, Satara, Maharashtra.
- Naik, M.M.; Bhargui, P.; Manerikar, V. The first report on *Listeria monocytogenes* producing siderophores and responds positively to N-acyl homoserine lactone molecules (AHL) by enhanced biofilm formation and virulent gene expression (best oral presentation). *Nat. Seminar on Recent Trends In Microbial Technology*. 8 Feb 2019. Government college, Quepem.

Department of Marine Sciences

Faculty:

Full-time

- **Aftab A.S. Can**, *Ph.D.*, Assistant Professor – Air-sea interactions, Indian Summer monsoon, ocean circulation
- **Vishnu Murty Matta**, *Ph.D.*, **Professor and Head** – Marine Chemistry, Environmental Chemistry, Seaweed Chemistry
- **Harilal B. Menon**, *Ph.D.*, Professor – 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

•**Maheshwar R. Nasnodkar**, *Ph.D.*, Assistant Professor – Marine Chemistry, Estuarine Geochemistry

•**Chandrashekher U. Rivonker**, *Ph.D.*, Professor – Marine Biodiversity and Ecology, Fisheries, Aquaculture, Phytoplankton Ecology

•**Shankarshana Upadhyay**, *Ph.D.*, Associate Professor – Marine Chemistry, Estuarine Chemistry, Aquatic Chemistry

Other:

•**G.N. Nayak**, *Ph.D.*, CSIR Emeritus Scientist – Marine Geology, Modern Sedimentology, Sediment Geochemistry, Environmental Studies

Major Thrust Areas and Achievements:

Thrust areas:

•Aerosol and Radiative Forcing; Air-sea Interactions; Application of GIS & Remote Sensing; Aquatic Chemistry; Coastal Water Optics; Estuarine Chemistry and Geochemistry; Fisheries and Aquaculture; Indian Summer Monsoon; Marine Biodiversity and Ecology; Marine Chemistry; Marine Geology; Modern Sedimentology; Ocean Circulation; Phytoplankton Ecology; Seaweed Chemistry; Sediment Geochemistry

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Nayak, G.N.	Ongoing	Beryllium Concentration, Clay Minerals and Metals in Sediments in Reconstruction of Paleoclimate	IUAC-UGC	6.5
Nayak, G.N.	Ongoing	Bioavailability of Metals in Zuari Estuarine Sediments and their Bioaccumulation in Edible Benthic Biota, Goa, West Coast of India, Goa State	DST	7.14
Nayak, G.N. (PI); Nasnodkar, M.R.(Co-PI)	Completed	Baseline Marine Environmental Monitoring Studies in Cumbarjua Canal (Consultancy)	Aditya Environmental Services Pvt. Ltd.	5.05
Matta, V.M.	Completed	Atmospheric deposition and its influence on rain water quality and coastal waters of Arabian sea with special reference to nutrients and iron and manganese	MoES	47.37

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Workshop on Bioavailability and Bioaccumulation of Metals in Estuaries and its Effect on Human	18 Dec 2018	Goa University

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

- *Bejugam, P.; Nayak, G.N. Source of sediments and response of clay minerals, organic matter and metals to fluctuating environmental conditions in western Bay of Bengal. *Indian Journal of Geo-Marine Sciences*. 48(4); 2019; 535-553. DoI: <http://nopr.niscair.res.in/handle/123456789/47191>
- *Bejugam, P.; Nayak, G.N. Tracing source–sink processes and productivity from trace metals (Ba, Zn, Pb, Cd) of the surface sediments off Mahanadi to Pennar, western Bay of Bengal. *Environmental Earth Sciences*. 78(4); 2019; ArticleID_107. DoI: <https://doi.org/10.1007/s12665-019-8070-1>
- Choudhary, S.; Nayak, G.N.; Khare, N. Provenance, processes and productivity through spatial distribution of the surface sediments from Kongsfjord to Krossfjord system, Svalbard. *Journal of the Indian Association of Sedimentologists*. 35(1); 2018; 47-56. <http://journal.indiansedimentologists.com/ojs/index.php/1/article/view/20>
- *Choudhary, S.; Nayak, G.N.; Tiwari, A.K.; Khare, N. Sediment composition and its effect on the productivity in Larsemann Hills, East Antarctica. *Arabian Journal of Geosciences*. 11; 2018; ArticleID_416. DoI: <https://doi.org/10.1007/s12517-018-3755-4>
- *Choudhary, S.; Nayak, G.N.; Tiwari, A.K.; Khare, N. Source, processes and productivity from distribution of surface sediments, Prydz Bay, East Antarctica. *Polar Science*. 18; 2018; 63-71. DoI: <https://doi.org/10.1016/j.polar.2018.06.002>
- Devli, M.; Mahender, K. Paleocurrent, deformation and geochemical studies of lower part of the Bagalkot group of Kaladgi Basin at Ramthal and Salgundi: Implications on sedimentation history. *Journal of the Indian Association of Sedimentologists*. 35(1); 2018; 77-88. DoI: <http://journal.indiansedimentologists.com/ojs/index.php/1/article/view/25>
- *Diniz, J.E.; Nayak, G.N.; Noronha-D'Mello, C.A.; Mishra, R. Reconstruction of palaeo-depositional environment in North-Eastern Arabian Sea. *Environmental Earth Sciences*. 77; 2018; ArticleID_665. DoI: <https://doi.org/10.1007/s12665-018-7838-z>
- *Dubey, K.M.; Chaubey, A.K. Origin and distribution of shallow gas-charged sediment on the inner continental shelf of central west coast of India. *Current Science*. 116(8); 2019; 1410-1417. DoI: <https://www.currentscience.ac.in/Volumes/116/08/1410.pdf>
- Komarpant S.; Padate, V.P.; Rivonker, C.U. Morphology, growth and behaviour of Ocypode ceratophthalma (Pallas, 1772) (Decapoda: Brachyura: Ocypodidae) from Goa, west coast of India. *Journal of the Marine Biological Association of India*. 60(1); 2018; 71-76. DoI: <http://mbai.org.in/php/journalload.php?id=2476&bkid=120>
- Mahajan, A.S; Tinel, L.; Hulswar, S; Cuevas, C.A.; Wang, S.; Ghude, S; Naik, R.K.; Mishra, R.K.; Sabu, P.; Sarkar, A.; Anilkumar, N.; Lopez, A.S. Observations of iodine oxide in the Indian Ocean marine boundary layer: A transect from the tropics to the high latitudes. *Atmospheric Environment: X*. 1; 2019; ArticleID_100016. DoI: <https://doi.org/10.1016/j.aeaoa.2019.100016>
- *Menon, H.B.; Adhikari, A. Remote sensing of chlorophyll-a in case II waters: A novel approach with improved accuracy over widely implemented turbid water indices. *Journal of Geophysical Research: Oceans*. 123(11); 2018; 8138-8158. DoI: <https://doi.org/10.1029/2018JC014052>

- *Nasnodkar, M.R.; Nayak, G.N. Assessment of sediment quality using total and bioavailable concentration of metals in intertidal mudflats of a tropical (Vashishti) estuary, west coast of India. *Arabian Journal of Geosciences*. 11; 2018; ArticleID_505. DoI: <https://doi.org/10.1007/s12517-018-3826-6>
- *Nasnodkar, M.R.; Nayak, G.N. Clay mineralogy and chemistry of mudflat core sediments from Sharavathi and Gurupur estuaries: Source and processes. *Indian Journal of Geo-Marine Sciences*. 48(3); 2019; 379-388. DoI: <http://nopr.niscair.res.in/handle/123456789/47036>
- *Nasnodkar, M.R.; Nayak, G.N. Clay minerals and associated metals in mudflat core sediments of the Vaghotan Estuary, India: Implications of metal sorption. *Journal of the Geological Society of India*. 93(4); 2019; 466-470. DoI: <http://www.geosocindia.org/index.php/jgsi/article/view/143402>
- Nayak, G.N.; Noronha-D'Mello, C.A. Estuarine mudflat and mangrove sedimentary environments along central west coast of India. *SF Journal of Environmental and Earth Science*. 1(1); 2018; 7pp. DoI: <https://scienceforecastoa.com/Articles/SJEES-V1-E1-1013.pdf>
- *Nayak, G.N.; Volvoikar, S.P.; Hoskatta, T. Changing depositional environment and factors controlling the growth of mudflat in a tropical estuary, west coast of India. *Environmental Earth Sciences*. 77(21); 2018; ArticleID_741. DoI: <https://doi.org/10.1007/s12665-018-7923-3>
- *Padate, V.P.; Bhat, M.S.; Rivonker, C.U. New records of two decapod crustaceans (Decapoda: Dendrobranchiata and Pleocyemata) from the Gulf of Mannar, India. *Journal of Natural History*. 52(33-34); 2018; 2209-2220. DoI: <http://dx.doi.org/10.1080/00222933.2018.1524031>
- Padate, V.P.; Rivonker, C.U. Recent trends of demersal marine fish and invertebrate production in Southeast Asia: A hypothesis-based analysis. *ASEAN Journal on Science and Technology for Development*. 35(43102); 2018; 53-63. DoI: <https://ajstd.org/index.php/ajstd/article/view/474>
- *Prabhudessai, S.; Vishal, C.R.; Rivonker, C.U. Biotic interaction as the triggering factor for blooms under favourable conditions in tropical estuarine systems. *Environmental Monitoring and Assessment*. 191; 2019; ArticleID_54. DoI: <https://doi.org/10.1007/s10661-018-7172-7>
- *Prerna, R.; Pandey, D.K.; Mahender, K. Longitudinal profiling and elevation-relief analysis of the Indus. *Arabian Journal of Geosciences*. 11(13); 2018; ArticleID_343. DoI: <https://doi.org/10.1007/s12517-018-3657-5>
- *Saha, A.; Santosh, M.; Ganguly, S.; Manikyamba, C.; Ray, J.; Dutta, J. Geochemical cycling during subduction initiation: Evidence from serpentinized mantle wedge peridotite in the south Andaman ophiolite suite. *Geoscience Frontiers*. 9(6); 2018; 1755-1775. DoI: <https://doi.org/10.1016/j.gsf.2017.12.017>
- *Sanaye, S.V.; Rivonker, C.U.; Sreepada, R.A.; Ansari, Z.A. Natural diet of the alligator pipefish, *Syngnathoides biaculeatus* (Bloch, 1785) inhabiting Palk Bay, southeast coast of India. *Indian Journal of Geo-Marine Sciences*. 47(7); 2018; 1391-1397. DoI: <http://nopr.niscair.res.in/handle/123456789/44614>
- *Singh, N.; Rajan, S.; Choudhary, S.; Peter, M.; Krishnaiah, C. Diisopropylnaphthalene in the surface sediments of an Arctic fjord: Environmental significance. *Polar Science*. 18; 2018; 142-146. DoI: <https://doi.org/10.1016/j.polar.2018.04.009>
- Singh, N.; Sivaramakrishnan, R.; Choudhary, S.; Chikkamadaiah, K. Spatial distribution and environmental assessment of heavy metals in the surface sediments

of Kongsfjorden, Svalbard. *Czech Polar Reports*. 8(1); 2018; 1-23. DoI: <http://www.sci.muni.cz/CPR/15cislo/SinghN-web.pdf>

- *Velip, D.T.; Rivonker, C.U. Population structure and reproductive biology of selected sciaenid species along the fishing grounds of Goa, west coast of India. *Current Science*. 115(1); 2018; 146-152. DoI: <http://www.currentscience.ac.in/Volumes/115/01/0146.pdf>

Articles in conference proceedings

- Nayak, G.N. Bioavailability of metal in estuarine sediments and bioaccumulation in sediment associated biota and mangroves, west coast of India. *Proc. Nat. Conf. on Biodiversity: Management issues and conservation strategies*. 2018; 1-9.

PhDs:

Degree Awarded: 0

Submitted: -

Students on Roll: 11

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Rane, N.T.; Matta, V.M. Impact of past mining on sediment cores of water reservoirs of Goa. *Nat. Conf. on Ecosystem conservation and sustainable Development (ECOCASD-18)*. 27-28 Nov 2018. Society for advancement of Biological Sciences, Bengaluru.
- Gaonkar, C.V.; Matta, V.M. Assessment of metal contamination in a tropical estuary of West coast of India. *Nat. Conf. on Ecosystem conservation and sustainable Development (ECOCASD-18)*. 27-28 Nov 2018. Society for advancement of Biological Sciences, Bengaluru.
- Rane, N.T.; Matta, V.M. Assessment of metal contamination through different pollution indices in Mayem lake, Goa. *Nat. Conf. on Ecological imbalances-causes and solutions (EICS-2019)*. 21-22 Mar 2019. Dept. of Zoology, Veerashaiva College, Ballari; State Pollution Control Bboard, Ballari.
- Rane, N.T.; Matta, V.M. Impact of past mining on metal contamination in Mayem lake in Goa, west coast of India. *Nat. Conf. on Biodiversity: Management Issues and Conservation Strategies*. 21-22 Dec 2018. Dept. of Zoology, Ghokhale Centenary College, Ankola, Karnataka.
- Shaikh, A.A.; Menon, H.B.; Shaikh, N.S. Aerosol dynamics in the Indian sector of Southern Ocean and coastal Antarctic region during austral summer: Its implication on local climate **(poster)**. *Conference on "Aerosol Impacts: Human Health to Climate Change*. 26-28 Nov 2018. Indian Aerosol Science and Technology Association (IASTA-2018); Indian Institute of Technology-Delhi, Delhi.
- Hulswar S.; Shaikh, A.A.; Menon, H.B. Microphysical characteristics of aerosols over tropical Indian Ocean and associated radiative forcing (Poster). *20. Nat. Space Science Symposium (NSSS-2019)*. 29-31 Jan 2019. Savitribai Phule Pune University, Pune.
- Menon, H.B.; Hulswar, S. Physico-chemical characteristics of aerosols and its implications on aerosol radiative forcings- results of a study carried between 15° N and 55° S over North Indian and Indian Ocean sector of Southern Ocean. *Asian Oceania Geosciences Society Conference, Honolulu, Hawaii*. 3-8 Jun 2018. AOGS.

- Menon, H.B.; Adhikary, A. Remote sensing of Chlorophyll-a in case II waters: A novel approach with improved accuracy over existing algorithms. *Asian Oceania Geosciences Society annual meeting, Honolulu, Hawaii*. 3-8 Jun 2018. AOGS.
- Rivonker C.U. Marine Bio-resource and ecosystem function: An appraisal. *Nat. Conf. on Present scenario of Basic and Applied Biosciences*. 25 Feb 2019. Srishaila Jagadguru Vageesha Panditaradhya College, Harihar, Davanagere 577601.

Lectures on other occasions

- Rivonker C.U. Impact of marine biodiversity processes on the benthic ecosystem. *Underwater Domain Awareness Summer School*. 2-13 Jul 2018. Maritime Research Centre, Pune.
- Rivonker C.U. Fish taxonomy as an integral part of Marine Biodiversity assessment. *Training program*. 17 Jul 2018. Goa State Biodiversity Board, Govt. of Goa.

Department of Zoology

Faculty:

Full-time

- **I. Krishnananda Pai, Ph.D., Professor and Head** – Zooplanktology, Biodiversity
- **Ramballav Roy, Ph.D., Professor** – Environmental Adaptation Nutritional Biochemistry. Lipid Biochemistry, Lipidomics
- **Nitin S. Sawant, Ph.D., Assistant Professor** – Conservation Biology, Wildlife Biology, Herpetology, Biodiversity
- **S.K. Shyama, Ph.D., Assistant Professor** – Superannuated in November 2018

Contractual:

- **Shanti N. Dessai, Ph.D., Assistant Professor (Contract)** Animal Physiology, Animal Cell Culture

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Reena Mathur	Former Head, Department of Zoology, University of Rajasthan	Animal Behaviour and Wildlife Biology	1 Feb 2019
Dr. Varad Giri	Director, Foundation for Biodiversity Conservation	Importance of Herpetofauna	1 Feb 2019
Dr. A.J.T. Johnsingh	Eminent Wildlife Biologist, Conservationist and Author	Wildlife Conservation in India and Career in Conservation	5 Mar 2019

Major Thrust Areas and Achievements:

Thrust Areas:

- Tissue culture, Electrophysiology, membrane physiology, Lipid biochemistry, Human Genetics, Wetland biology, Environmental Biology and Biodiversity

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Roy, R.	Ongoing	Development of Alternative Sustainable Fish Feeds to Promote Human Health using Novel Non-conventional Indigenous Ingredients	DBT(India); BBSRC(UK)	114.00
Shyama, S.K.	Completed	Genetic Stock Structure of Shevto Grey Mullet (<i>Mugil cephalus</i>) across Estuarine and Brackish Water of Goa and Development of Molecular Marker for Quick Identification of Different Stocks	DSTE, Govt. of Goa	3.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Workshop on Taxonomy, Animal Behaviour and Wildlife Biology	1 Feb 2019	Goa University

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

- Bhagat, J.; Greeshma, S.S.; Shyama, S.K. Genotoxicity of cerium oxide nanoparticle in Zebrafish and green mussel *Perna viridis* using alkaline comet assay. *LIFE: International Journal of Health and Life-Sciences*. 4(3); 2019; 118-127. DoI: <https://dx.doi.org/10.20319/lihls.2019.43.118127>
- *D'Costa, A.H.; Shyama, S.K.; Praveen Kumar, M.K.; Fernandes, T.M. Induction of DNA damage in the peripheral blood of zebrafish (*Danio rerio*) by an agricultural organophosphate pesticide, monocrotophos. *International Aquatic Research*. 10(3); 2018; 243-251. DoI: <https://doi.org/10.1007/s40071-018-0201-x>
- *Jadhav, T.D.; Sawant, N.S.; Shyama, S.K. Diversity and distribution of freshwater turtles (Reptilia: Testudines) in Goa, India. *Journal of Threatened Taxa*. 10(9); 2018; 12194-12202. DoI: <http://dx.doi.org/10.11609/jott.2835.10.9.12194-12202>
- Fernandes, A.; Pai, I.K. Zooplankton diversity and limnological parameters in river Sal, Goa. *Journal of Bioresources*. 5(2); 2018; 24-32. DoI: <http://jbr.rgu.ac.in/img/pdf/july-december/24%20to%2032.pdf>
- Jadhav, T.; Sawant, N.; Shyama, S.K. First report on presence and status of introduced invasive species Red-eared Slider, *Trachemys scripta elegans* in Goa, India. *NeBIO*. 9(2); 2018; 177-179. DoI: <http://nebio.in/2018/06/21/jadhav-et-al/>
- Naha, N.; Das, M.; Banerjee, A. Toxic exposure and life style factors on ageing brain neurodegenerative disease, Alzheimer's and Parkinson's: Role of natural antioxidants to ameliorate the condition. *Journal of Alcoholism & Drug Dependence*. 6(2); 2018; ArticleID_1000309. DoI: <https://doi.org/10.4172/2329-6488.1000309>
- *Dessai, S.N. Cryopreservation of cultured mantle cells of *Paphia malabarica* for perennial availability. *Cryobiology*. 82; 2018; 93-98. DoI: <https://doi.org/10.1016/j.cryobiol.2018.04.002>

- *Pawar, A.P.; Sanaye, S.V.; Shyama, S.K.; Sreepada, R.A.; Bhagat, J.; Kumar, P.; Sinai Khandeparker, R.D. In vivo DNA damage in gill, haemolymph and muscle cells of whiteleg shrimp *Litopenaeus vannamei* on exposure to organophosphorus pesticide. *Aquaculture Environment Interactions*. 11; 2019; 75-86. DoI: <https://doi.org/10.3354/aei00299>
- *Vaigankar, D.C.; Dubey, S.K.; Mujawar, S.Y.; D'Costa, A.; Shyama S.K. Tellurite biotransformation and detoxification by *Shewanella baltica* with simultaneous synthesis of tellurium nanorods exhibiting photo-catalytic and anti-biofilm activity. *Ecotoxicology and Environmental Safety*. 165; 2018; 516-526. DoI: <https://doi.org/10.1016/j.ecoenv.2018.08.111>

Book chapter:

- D'costa, A.; PraveenKumar, M.K.; Shyama, S.K. Genotoxicity assays: The micronucleus test and the single-cell gel electrophoresis assay (Chapter 18). *Advances in Biological Science Research: A Practical Approach*. 2019; 291-301. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00018-5>
- Desai, S.N. Frontiers in developmental neurogenesis (Chapter 23). *Advances in Biological Science Research: A Practical Approach*. 2019; 381-393. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00023-9>

PhDs:

Degree Awarded: 2

Submitted: 2

Students on Roll:

3

Department of Biotechnology

Faculty:

Full-time

- **Urmila Barros, Ph.D.**, Professor – Immunology
- **Sanjeev C. Ghadi, Ph.D.**, **Professor and Head** – Applied Enzymology, Genetics and Molecular Biology
- **Savita S. Kerkar, Ph.D.**, Professor – Bacterial diversity and bioprospecting bioactive metabolites in hypersaline environment, Probiotics in aquaculture, Biogeochemical processes in mangrove ecosystems and marine salterns, Bioremediation
- **Usha D. Muraleedharan, Ph.D.**, Professor – Biochemistry (Enzymology); Biological Oceanographic Processes
- **Sanika Darshan Samant, Ph.D.**, Assistant Professor – Bioremediation and Bioprospecting
- **Dharmendra Kumar Tiwari, Ph.D.**, UGC-Assistant Professor – Biosensor development, Biomaterials, Nanomaterials for biological applications, Fluorescent protein engineering & Light microscopy

Contractual:

- **Ms. Trupti Asolkar, M.Sc.**, Assistant Professor (Contract) – Biotechnology
- **Mr. Krishnan Gautam, M.Sc.**, Visiting faculty

Major Thrust Areas and Achievements:

Thrust Areas:

- Study of agarases, xylanases, lipases and proteases of special characteristics of commercial importance from marine microorganisms
- Biodiversity & ecology of hypersaline and sulphate reducing bacteria
- Processes for preparation of toxins and other bioactive substances from bacteria and higher marine organisms
- Biodegradation of oils spills and tar balls by selectively developed, genetically superior, marine microbial consortia
- Establishment of methods to assess risks due to recombinant DNA in marine environment

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Tiwari, D.K.	Ongoing	Photodynamic Therapy Using Virus-Like Nanoparticle (VLNP) Based BRET Nano-photosensitizer for Non-invasive Cancer Treatment	DBT	88.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
International Conference on Promoting Entrepreneurship in Goa for cultural sustainability	21-22 Sep 2018	Goa Univ
Workshop on Biotechniques	29 Nov 2018	Goa Univ

Research publications:

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

- *Bartakke-Bhambure, A.; Mahajan, G.R.; Kerkar, S. Salt tolerant bacterial inoculants as promoters of rice growth and microbial activity in coastal saline soil. *Proceedings of the National Academy of Sciences, India. Section B: Biological Sciences*. 88(4); 2018; 1531-1538. DoI: <https://doi.org/10.1007/s40011-017-0901-9>
- *Biswas, B.; Fernandes, A.C.; JitendraKumar; Muraleedharan, U.D.; Bhaskar, T. Valorization of *Sargassum tenerrimum*: Value addition using hydrothermal liquefaction. *Fuel*. 222; 2018; 394-401. DoI: <https://doi.org/10.1016/j.fuel.2018.02.153>
- *Doijad, S.P.; Poharkar, K.V.; Kale, S.B.; Kerkar, S.; Kalorey, D.R.; Kurkure, N.V.; Rawool, D.B.; Malik, S.V.S.; Ahmad, R.Y.; Hudel, M.; Chaudhari, S.P.; Abt, B.; Overmann, J.; Weigel, M.; Hain, T.; Barbuddhe, S.B.; Chakraborty, T. *Listeria goaensis* sp. nov.. *International Journal of Systematic and Evolutionary Microbiology*. 68(10); 2018; 3285-3291. DoI: <http://dx.doi.org/10.1099/ijsem.0.002980>
- *Fernandes, M.S.; Kerkar, S. Enhancing the anti-tyrosinase activity of a hypersaline *Kitasatospora* sp.SBSK430 by optimizing the medium components. *Current Science*. 116(4); 2019; 649-653. DoI: <https://www.currentscience.ac.in/Volumes/116/04/0649.pdf>

- *Fernandes, M.S.; Kerkar, S. Halotolerant *Bacillus* sp. as a source of antifungal agents against major mushroom pathogens. *Journal of Microbiology, Biotechnology and Food Sciences*. 8(5); 2019; 1125-1129. DoI: <https://doi.org/10.15414/jmbfs.2019.8.5.1125-1129>
- *Insulkar, P.; Kerkar, S.; Lele, S. Purification and structural-functional characterization of an exopolysaccharide from *Bacillus licheniformis* PASS26 with in-vitro antitumor and wound healing activities. *International Journal of Biological Macromolecules*. 120(Part B); 2018; 1441-1450. DoI: <https://doi.org/10.1016/j.ijbiomac.2018.09.147>
- *Joshi, P.N.; Mathias, A.; Mishra, A. Synthesis of ecofriendly fluorescent carbon dots and their biomedical and environmental applications. *Materials Technology*. 33(10); 2018; 672-680. DoI: <http://dx.doi.org/10.1080/10667857.2018.1492683>
- *Noronha, N.M.; Mulla, A.B.; Gauns, M.U.; Ghadi, S.C. Enumeration of total virioplankton and isolation of specific cyanophages from selected aquatic ecosystems in Goa, India. *Current Science*. 115(11); 2019; 2147-2150. DoI: <https://www.currentscience.ac.in/Volumes/115/11/2147.pdf>
- *Poduval, P.B.; Noronha, J.M.; Bansal, S.K.; Ghadi, S.C. Characterization of a new virulent phage theta MC1 specific to *Microbulbifer* strain CMC-5. *Virus Research*. 257; 2018; 7-13. DoI: <http://dx.doi.org/10.1016/j.virusres.2018.08.020>
- *Sinha, R.K.; Krishnan, K.P.; Kerkar, S. Population dynamics of bacterioplanktonic component associated with the phytoplankton biomass in Kongsfjorden, an Arctic fjord. *Current Science*. 115(9); 2018; 1690-1694. DoI: <http://www.currentscience.ac.in/Volumes/115/09/1690.pdf>

Book Chapters

- Devasia, V.L.A.; Kanchana, R.; Vahist, P.; Muraleedharan, U.D. Technological advancements in industrial enzyme research (Chapter 6). *Advances in Biological Science Research: A Practical Approach*. 2019; 85-102. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00006-9>
- Fernandes, Samantha; Kerkar, S. Bacterial probiotics over antibiotics: A boon to aquaculture (Chapter 14). *Advances in Biological Science Research: A Practical Approach*. 2019; 215-232. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00014-8>
- Imran, Md.; Ghadi, S.C. Genome sequence analysis for bioprospecting of marine bacterial polysaccharide-degrading enzymes (Chapter 2). *Advances in Biological Science Research: A Practical Approach*. 2019; 21-34. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00002-1>
- Imran, Md.; Ghadi, S.C. Role of carbohydrate active enzymes (CAZymes) in production of marine bioactive oligosaccharides and their pharmacological applications (Chapter 16). *Enzymatic Technologies for Marine Polysaccharides*, Ed. by: Trincone, A., CRC Press. 2019; 357-368. DoI: <https://www.taylorfrancis.com/books/9780429058653/chapters/10.1201/9780429058653-16>
- Kotecha, H.; Poduval, P.B. Microbial lectins: Roles and applications (Chapter 9). *Advances in Biological Science Research: A Practical Approach*. 2019; 135-147. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00009-4>
- Naik-Samant, S.; Naik, M.M.; Vaingankar, D.; Mujawar, S.Y.; Parab, P.; Meena, S.N. Biodegradation of seafood waste by seaweed-associated bacteria and application of seafood waste for ethanol production (Chapter 10). *Advances in Biological Science*

Research: A Practical Approach. 2019; 149-159. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00010-0>

- Raut, G.; Kamat, Srijay; RaviKumar, Ameeta Trends in production and fuel properties of biodiesel from heterotrophic microbes (Chapter 16). *Advances in Biological Science Research: A Practical Approach*. 2019; 247-273. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00016-1>
- Vahist, P.; Kanchana, R.; Devasia, V.L.A.; Shiroadkar, P.V.; Muraleedharan, U.D. Biotechnological implications of hydrolytic enzymes from marine microbes (Chapter 7). *Advances in Biological Science Research: A Practical Approach*. 2019; 103-118. DoI: <https://doi.org/10.1016/B978-0-12-817497-5.00007-0>

PhDs:

Degrees Awarded: 3

Submitted: -

Students on Roll: 16

Conference Presentations, Lectures, etc.

Conference presentations/ lectures:

- Kerkar, S. CRZ: An overview of rules and regulations. *My Earth 2050: Sustainable Habitats for Co-Existence*. 6 Feb 2019. Dept. of Life Sciences, K.C. College; Godrej & Boyce Mfg. Co. Ltd..

2.5 Faculty of Commerce and Management Studies

Faculty of Commerce and Management studies



Departments and Degrees:

Department of Management Studies: (M.B.A., M.Phil. Ph. D.)

FACULTY BOARD

Dean, Faculty of Commerce and Management Studies

Head, Department of Commerce

Chairperson (Ex-Officio)

Member (Ex-Officio)

Head, Department of Management Studies	Member	(Ex-Officio)
Prof. B. Ramesh	Member	(Ex-Officio)
Prof. Y. V. Reddy (Presently Registrar)	Member	(Ex-Officio)
Prof. Nandakumar Mekoth	Member	(Ex-Officio)
Prof. Guntur Anjana Devi Raju	Member	(Ex-Officio)
Prof. Purva G. Hegde Desai	Member	(Ex-Officio)
Prof. Nilesh Borde	Member	(Ex-Officio)
Dr. (Smt.) Rajanala Nirmala	Member	
Dr. Shri Ram Padyala	Member	

The residual term of the Board shall be up to 28/03/2019

Powers and functions of the Faculty Board are enclosed.

Department of Management Studies

Faculty:

Full-time

- **Nilesh A. Borde**, *Ph.D.*, Professor – Finance and Financial Economics (Shareholder Value Creation, Corporate Finance, Capital Markets, Mergers & Acquisitions)
- **Edgar D'Souza**, *M.T.M.*, Assistant Professor (Tenure) – Hospitality, F&B Service & Management
- **Kevin D'Souza**, *M.T.M.*, Assistant Professor (Tenure) – Hospitality, Food sector
- **M.S. Dayanand**, *Ph.D.*, **Professor and Head** – Marketing and Tourism
- **Purva G. Hegde-Desai**, *Ph.D.*, Professor – Finance and Marketing, Financing and Working Capital Management in SMEs and Consumer Behaviour
- **Teja Tushar Khandolkar**, *M.B.A.*, Assistant Professor – Marketing
- **Nandakumar Mekoth**, *Ph.D.*, Professor – Services Marketing, Marketing Research, Consumer Behavior, Business Research Methods
- **Rajanala Nirmala**, *Ph.D.*, Associate Professor – Marketing & HR
- **Albino Thomson**, *M.T.M.*, Assistant Professor (Tenure) – Hospitality, Rooms Division

Major Thrust Areas and Achievements:

Thrust areas:

- Consumer Behavior; Corporate Finance; Cost management; Retail Management; Risk management; Security Analysis; Shareholder Value Creation

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Mekoth, N.	Completed	Impact Assessment Study under the Deendayal Antyodaya Yojana - National	Goa State Urban Development Agency	0.83

		Urban Livelihoods Mission (Consultancy)	(GSUDA)	
Hegde-Desai, P. (PI); Borde, N.A. (Co-PI)	Completed	Financing of Micro, Small and Medium Enterprises (MSMEs) in Goa (With reference to specified sectors)	UGC	6.37

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Workshop on Research Paper writing in Reputed Journals	3 Aug 2018	Goa University
IPR, Commercialisation and it's Challenges	12 Oct 2018	Goa University

Research publications:

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

- Braganca, A.V.; Nirmala, R. Perceived public image of a nurse and work meaningfulness among nurses. *International Journal of Nursing Education*. 10(3); 2018; 1-5. DoI: <http://dx.doi.org/10.5958/0974-9357.2018.00056.9>
- *Dalvi, V.; Mekoth, N. Regimen difficulty and medication non-adherence and the interaction effects of gender and age. *Hospital topics*. 96(2); 2018; 35-41. DoI: <http://doi.org/10.1080/00185868.2017.1385361>
- Hackl, B.; Hasebrook, J.; Nirmala, R.; Servatius, F. A twinkle-toed Elephant case study: How new work in India spreads. *Personalfuhrung*. (Dec 18/Jan 19); 2018; 28-34.
- *Mekoth, N.; Thomson, A.R. Food preferences and culture: The influence of nationality and religion among tourists visiting Goa. *Tourism, Culture & Communication*. 18(3); 2018; 191-204. DoI: <https://doi.org/10.3727/109830418X15319363084472>
- Sirdessai, S.; Hegde-Desai, P. Impact of event tourism on quality of life of consumers in developing countries: A review of concepts, methods, issues, evidence and future research directions. *Ajanta*. 8(1); 2019; 159-170.
- *Sony, M.; Mekoth, N. A qualitative study on electricity energy-saving behaviour. *Management of Environmental Quality*. 29(5); 2018; 961-977. DoI: <https://doi.org/10.1108/MEQ-02-2018-0031>
- *Sony, M.; Mekoth, N. The relationship between workplace spirituality, job satisfaction and job performance. *International Journal of Process Management and Benchmarking*. 9(1); 2019; 27-46. DoI: <https://doi.org/10.1504/IJPMB.2019.097819>

Book chapter:

- D'Souza, K.; Hegde-Desai, P. Antecedents of dietary self regulation. *Food Culture and Tourism of India*, Ed. by: Pandya, C., Dev Sanskriti Vishwavidhyalaya, Haridwar. 2018; 12-23.

PhDs:

Degree Awarded: 2

Submitted: -

Students on Roll:

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- Hegde-Desai, P. Research methods in marketing and consumer behavior, consumer behavior: Marketing resources. *The Indian Economy, Emerging Trends, Issues and Challenges*. 22-23 Mar 2019. Govt. College of Commerce and Economics, Borda, Margao, Goa.
- Sirdessai, S.; Hegde-Desai, P. Assessing the role of government in the tourism sector and its impact on shareholders. *The Indian Economy, Emerging Trends, Issues and Challenges*. 22-23 Mar 2019. Govt. College of Commerce and Economics, Borda, Margao, Goa.

Lectures on other occasions

- Hegde-Desai, P. Research methods in commerce and management. *Refresher Course in Commerce and Management*. 23 Aug 2018. UGC-HRDC, Goa Univ.
- Hegde-Desai, P. Financing of MSMEs. *Management Development Program on Financing of MSMEs*. 30-31 Aug 2018. Goa University.
- Hegde-Desai, P. General Financial Rules, *Establishment Rules and CCS Rules, Noting, Drafting and Vigilance Management*. 24 Oct 2018. National Productivity Council.

Department of Commerce

Faculty:

Full-time

- **Guntur AnjanaRaju, Ph.D., Professor and Head** – Accounting & Finance and Capital market studies
- **Pournima S. Dhume, Ph.D., Assistant Professor (Tenure)** – Finance, Capital Market Studies, Taxation, Mutual Funds, Retail Management
- **Pushpender Kumar, Ph.D., Assistant Professor (Tenure)** – Accounting & Finance, Cost management
- **Pinky Pawaskar, Ph.D., Assistant Professor (Tenure)** – Consumer Behavior, Tourism, Advertising
- **B.G. Poornima, Ph.D., Assistant Professor (Tenure)** – Accounting & Finance, Quantitative techniques, Econometrics, Risk management
- **Bommadevara Ramesh, Ph.D., Professor** – Accounting & finance, Capital market studies (functional areas), Entrepreneurship, SMEs, Tourism Sector
- **Yeruva Venkata Ramana Reddy, Ph.D., Professor (HAG) (on lien)** – Finance and Accounting
- **Padyala SriRam, Ph.D., Assistant Professor** – Accounting and Finance
- **K.B. Subhash, Ph.D., Professor** – Finance, Entrepreneurship, Quantitative Techniques, Strategic Management, Materials Management and Tourism
- **Vitiksha Chandrakant Venji, M.Com., Assistant Professor (Tenure)** – Accounting and Finance

Contractual:

- **Ramashanti Naik, M.Com., Assistant Professor (Contract)** – Accounting and Finance

Major Thrust Areas and Achievements:

Thrust Areas:

- Capital Management in SMEs; Capital Markets; Mutual Funds; Taxation

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Nat. Workshop on Structural Equation Modelling and Social Network Analysis	27-31 Jan 2019	Goa University
Research Methodology Workshop Series	6 Sep-24 Oct 2018	Goa University
Entrepreneurship Bootcamp	25 Aug 2018	Goa University

Research publications:

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

- Barreto, B.E.; Ramesh, B. Price discovery and volatility spillover in metal commodity market in India. *Indian Journal of Accounting*. 50(1); 2018; 97-106. DoI: <http://indianaccounting.org/downloads/013%20Brahma%20Edwin%20Barreto%20&%20Dr.%20B.%20Ramesh.pdf>
- Dhabolkar, P.; Reddy, Y.V. Evaluating the tracking performance of index mutual funds and exchange traded funds in India. *IUP Journal of Financial Risk Management*. 16(1); 2019; 37-49.
- Dhume, P.; Lucas S. Job satisfaction and job stress: An empirical study on academicians in Goa. *International Journal of Business and Management Invention*. 8(4); 2019; 39-50. DoI: [http://www.ijbmi.org/papers/Vol\(8\)4/Series-1/E0804013950.pdf](http://www.ijbmi.org/papers/Vol(8)4/Series-1/E0804013950.pdf)
- Dhume, P.; Patil, Anuradha Performance evaluation of exchange traded funds in India. *SSRG International Journal of Economics Management Studies*. 6(3); 2019; 35-47. DoI: <http://www.internationaljournalssrg.org/IJEMS/2019/Volume6-Issue3/IJEMS-V6I3P105.pdf>
- Dhume, P.S.S.; Naik, D. Consumers attitudes towards T.V. commercials: A study based in the state of Goa. *ELK Asia Pacific Journal of Marketing and Retail Management*. 9(4); 2018; ArticleID_EAPJMRM-2018-V-9-4-3. DoI: <https://www.elkjournals.com/journalcurrentissue.asp?JType=EAPJMRM&VType=9&IType=4>
- Dhume, P.; Venji, V.C. Impact of exchange rate fluctuations on India's foreign trade. *International Journal of Research and Analytical Review*. 6(1); 2019; 47-51. DoI: <http://www.ijrar.org/papers/IJRAR19J3385.pdf>
- Naik, D.; SriRam, P. The role of financial institution for agricultural financing in the state of Goa. *International Journal of Advance and Innovative Research*. 6(1(XVII)); 2019; 86-90. DoI:
- *Parab, N.; Reddy, Y.V. Impact of financial performance indicators on stock returns: Evidence from India. *International Journal of Business and Society*. 19(3); 2018; 762-780. DoI: <http://www.ijbs.unimas.my/images/repository/pdf/Vol19-no3-paper13.pdf>
- *Patil, A.; Parab, N.; Reddy, Y.V. Analyzing the impact of demonetization on the Indian stock market: Sectoral evidence using GARCH model. *Australasian Accounting, Business and Finance Journal*. 12(2); 2018; 104-116. DoI: <http://ro.uow.edu.au/aabfj/vol12/iss2/7/>
- *Poornima, B.G.; Morudkar, V.; Reddy, Y.V. Impact of dividend announcements of banks on stock returns and the determinants of dividend policy. *Indian Journal of Finance*. 13(5); 2019; 7-24. DoI: <http://dx.doi.org/10.17010/%2Fijf%2F2019%2Fv13i5%2F144182>

- Ramesh, B.; Sakharkar, A. Revisiting underpricing of Initial Public Offerings (IPO's) - Evidences from Indian stock markets. *International Journal of Innovative Research and Advanced Studies*. 6(2); 2019; 99-104. DoI: http://www.ijiras.com/2019/Vol_6-Issue_2/paper_16.pdf
- Rane, A.; AnjanaRaju, G. Dividend smoothing and implications of Lintner model - A study of Indian consumer goods sector using panel data. *International Journal of Management Studies*. 5(2); 2018; 87-93. DoI: [http://dx.doi.org/10.18843/ijms/v5i2\(1\)/13](http://dx.doi.org/10.18843/ijms/v5i2(1)/13)
- Reddy, Y.V.; Ingalthalli, V.B.; Sahay, H. The impact of macroeconomic announcements on financial market volatility in India. *IUP Journal of Applied Finance*. 25(2); 2019; 65-90. DoI: https://iupindia.in/Applied_Finance.asp
- Sakharkar, A.; Ramesh, B. Pricing and performance evaluation of initial public offerings (IPO's): Evidence from Indian stock markets. *International Journal of Research and Analytical Reviews (IJRAR)*. 6(1); 2019; 675-683. DoI: http://www.ijrar.org/viewfull.php?&p_id=IJRAR19J4036

Book Chapters

- Subhash, K.B.; Kamat, K.; Scaglione, M.; D'Mello, C.; Weiermair, K. Film Tourism and Its Impact on Residents Quality of Life: A Multi Logit Analysis. *Best Practices in Hospitality and Tourism Marketing and Management*, Ed. by: Campón-Cerro, A.; Hernández-Mogollón, J. and Folgado-Fernández, J. Applying Quality of Life Research (Best Practices). Springer, Cham. 2019; 181-199. DoI: https://doi.org/10.1007/978-3-319-91692-7_9
- Subhash, K.B. Religious tourism in Asia: Tradition and change through case studies and narratives. *Religion and religious tourism: A case study of Kerala*, Ed. by: Yasuda, S.; Raj, R. and Griffin, K. CAB International. 2018; 158-165. DoI: <https://www.cabi.org/cabebooks/ebook/20183343870>

PhDs:

Degrees Awarded: **10**

Submitted: -

Students on Roll: **27**

Conference Presentations, Lectures, etc.

Conference presentations/ lectures

- AnjanaRaju, G. An empirical study on currency hedging: Which currency futures traded pair is best suits for hedging, USD/INR, GBP/INR, EURO/INR or JPY/INR? 7. *Int. Conf. on Emerging Trends in Finance, Accounting and Banking*. 7-8 Sep 2018. Shri Dharmasthala Manjunatheshwara Institute for Management Development (SDMIMD), Mysore.
- AnjanaRaju, G.; Jambotkar, M. Empirical analysis on linkages between foreign exchange rates and commodity prices: Evidence from India. 7. *Int. Conf. on Emerging Trends in Finance, Accounting and Banking*. 7-8 Sep 2018. Shri Dharmasthala Manjunatheshwara Institute for Management Development (SDMIMD), Mysore.

Lectures on other occasions

- Dhume, P. Research Paper Writing. 16 Oct 2018. St. Xaviers College, Mapusa.
- SriRam, P. Dissertation Guidelines. 23 Jul 2018. Govt. College of Arts , Science & Commerce, Khandola, Goa.

- SriRam, P. Pricing and Value of Futures Contracts. 23 Feb 2019. MES College of Arts & Science, Zuarinagar, Goa.

2.6 Centre for Study of Social Exclusion & Inclusive Policy

Faculty:

In-Charge

- Silvia Maria De Mendonca Noronha

Contractual:

- Vijay M. Gawas, LL.M., Assistant Professor

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
- Formulating policies for protecting the rights of these groups and eradicating the problem of exclusion and discrimination

Research publications:

Articles in journals

- Gawas, V.M. Analysis the law for prevention of atrocities against Scheduled Castes and Scheduled Tribes. *Scholarly Research Journal for Humanity Science & English Language*. 6(29); 2018; 8195-8204. DoI:<http://www.srjis.com/pages/pdfFiles/154020198933.%20Mr.%20Vijay%20M.Gawas%202.pdf>
- Gawas, V.M. Impact on tribal people after codification of Gaunkary system into code of Comunidades. *Scholarly Research Journal for Humanity Science & English Language*. 6(29); 2018; 8181-8194. DoI: <http://www.srjis.com/pages/pdfFiles/154020188332.%20Mr.%20Vijay%20M.Gawas%201.pdf>
- Gawas, V.M. Right to education under constitution of India and development among the scheduled tribes: A socio-legal study. *International Journal of Law*. 4(3); 2018; 63-72. DoI: <http://www.lawjournals.org/archives/2018/vol4/issue3/4-3-65>
- Gawas, V.M. Analysis the provision for right to strike of workers under the Industrial Dispute Act 1947 and other provisions of laws. *International Journal of Law*. 4(5); 2018; 25-30. DoI: <http://www.lawjournals.org/archives/2018/vol4/issue5/4-5-21>
- Gawas, V.M. Constitutional framework of legal rights, legislative enactments and judicial approach towards safeguarding the rights of child in India. *International Journal of Law*. 4(6); 2018; 102-107. DoI: <http://www.lawjournals.org/archives/2018/vol4/issue6/4-6-33>

- Gawas, V.M. Mining and its impact on tribal's peoples in Goa. *Pune Research Scholar*. 4(6); 2018; 14pp. DoI: <http://puneresearch.com/media/data/issues/5c0d4b84679aa.pdf>
- Gawas, V.M. Forest rights and its impact on tribal people in Goa. *Pune Research World*. 3(4); 2018; 16pp. DoI: <http://puneresearch.com/media/data/issues/5c0d59031c44e.pdf>
- Gawas, V.M. The relevance of social justice in the present context of Indian Constitution. *An International Multidisciplinary Quarterly Research Journal - Ajanta*. 8(1); 2019; 99-111.

Book chapters:

- Gawas, V.M. Protection of rights and right to livelihood of Scheduled Tribes under Constitution of India (Chapter 7). *Recent Trends in Humanities and Social Sciences*, Ed. by: Kayastha, B.L.. 1; 2019; 97-114.

Book:

Gawas, V.M. Violence against Women and Human Rights Protection: A case study of Goa. *Yash Publishers and Distributors, New Delhi*. 2017; 184pp.

PART: 3

INNOVATIVE PROGRAMMES/SCHEMES

3.1 Research Development & Resources Mobilisation Cell (RDRM)

1. During 2019-20 **10** sponsored research projects and **09** consultancy projects were sanctioned to the faculty members of the University. A total of **25** research projects are currently operational and **53** project proposals have been submitted for funding to various funding agencies.
2. Keeping in line with the changing research environment in the country, a new **Research Policy** of Goa University was framed and adapted after it was approved by the Executive Council on 12th July, 2018. **Guidelines on Academic Ethics** were also framed during last year. Both, Research Policy and the Guidelines are available on the University website.
3. In association with Directorate of Internal Quality Assurance (DIQA), DRDRM devised and is implementing a scheme to incentivise research of the faculty members. Under this scheme, every publication in SCOPUS or Web of Knowledge listed journal attracts Research Incentive points which can be encashed by the faculty members to fund their research activities.
4. In order to help a faculty member to kick-start her/his research career, DRDRM operates a scheme under which Goa University provides a **seed money grant** of Rs. 50,000/- to all new faculty members joining the University against a regular vacancy.
5. Goa University with financial support from Goa State Council of Science & Technology, Department of Science, Technology & Environment, Govt. of Goa has established a **Patent cell** at the University. This Patent cell is managed by the Intellectual Property Assessment Committee (IPAC) and is supported by DRDRM. As a part of activities of the Patent cell, Intellectual Property Assessment Committee organised a two-day workshop on Patent Awareness on 27th & 28th September, 2019. Two patent proposals were also recommended and filed during this period.
6. To promote joint research activities between **University of Coimbra and University of Porto, and Goa University**, DRDRM and Directorate of International Collaboration and Exchange (DICE) organised a **workshop on Materials Science** on 18th & 19th November, 2019, Three Professors each for the two Portuguese Universities participated and gave lectures at this workshop. In addition, four faculty members of Goa University also delivered lectures. A poster session was arranged wherein all research scholars of Goa University working in Materials Science presented their work.

Prof. In-charge: K. R. Priolkar, Dept. of Physics.

3.2 Extra Mural Studies and Extension Services (EMS & ES)

Title of the Activities	Organizing unit/ agency/ collaborating agency	Number of teachers coordinat ed in such activities	Number of students participated in such activities
Certificate Course on 'Astrobiology - Our quest for signs of life outside Earth' (A Two Credit course for curious citizens of 21st century) by Dr. Nandkumar M. Kamat (07/12/2018 to 06/04/2019)	Directorate of Extra Mural Studies & Extension Services	One	Five One from Civil Society
The Fourth Monkey (A theatre performance by the students of 'Faces of Theatre' course) (11/09/2018)	Directorate of Extra Mural Studies & Extension Services/Mustard Seed Company, Panjim	One	Thirty Eight
Certificate Course in "Faces of Theatre' by Dr. Isabel S.R. Vas (20 Jul - 6 Oct 2018)	Directorate of Extra Mural Studies & Extension Services	One	Thirty Eight Two from society
Winter Camp in Mathematics for Secondary and Higher Secondary students of Bardez taluka(26/11/2018 to 28/11/2018 for High School and 29/11/2018 to 01/12/2018 for Higher Secondary)	Directorate of Extra Mural Studies & Extension Services/DM College and Research Centre, Assagao	Six from DMC college Assagao	Forty Three + four teachers of High School.Twenty nine Higher Secondary students + two teachers.
Workshop for Maths teachers from Quepem and Sanguem Taluka (08/09/2018)	Directorate of Extra Mural Studies & Extension Services and TLSCC(Quepem)	Three Maths Faculty from Goa University	Thirty Eight School teachers of Mathematics
Workshop on mushroom Cultivation	Directorate of Extra Mural Studies & Extension Services/ Government College Quepem	Four from Government College Quepem	Two hundred
Workshop on Vermicomposting	Directorate of Extra Mural Studies &	One	Hundred includes

	Extension Services/ Government College Quepem		Students and members from civil society
Seminar on Artificial Intelligence(06/09/2018)	Directorate of Extra Mural Studies & Extension Services/ Directorate of Students Welfare	One	Twenty nine
Special Classes for (Non Teaching) Contractual employees of Goa University (16/03/2019 to 28/04/2019)	Directorate of Extra Mural Studies & Extension Services	Five	Forty one
ICT Workshop for School and Higher Secondary Teachers	Directorate of Extra Mural Studies & Extension Services/Parvatibai Chowgule College,Margao	Two	Twenty three Teachers
National Seminar on Human rights of Children: Legal and Social Perspective(15/12/2018)	Directorate of Extra Mural Studies & Extension Services/Kare College of Law, Margao	Six	Eighty seven
Workshop on Kuchipudi dance by Guru Dr. P.A. Saikumar, Department of Dance, Andhra University (8 Apr 2019, 11.00 am)	Directorate of Extra Mural Studies & Extension Services	One	Twenty five

3.3 DIRECTORATE OF DIGITAL LEARNING & INITIATIVES (DDLI)

Directorate of Digital Learning is a bold initiative of Goa University to impart education using latest ICT technologies. For past 18 years, the centre (formerly known as DEITI) is striving hard to provide quality educational content not only to students at various level but to general public across the state of Goa.

The directorate aims to generate high quality Massive Open Online Courses (MOOCs), multimedia documentation & training programmes in e-content development.

Recently DDLI has been upgraded with latest multimedia hardware & software application as per the norms of SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) and successfully produced a 40 hrs content for NRC ARPIT MOOCs in Marine Science. This 4-credit course was hosted on SWAYAM platform from 26th

November 2018 to 28th February 2019. DDLI has also rendered the services to IIT-Chennai, University of Madras in development of MOOCs on NPTEL & SWAYAM respectively.

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, students from Bed colleges are trained in use of ICT tools and integrating it in formal education process.

The directorate also provides services towards video documentation, video conferencing, webcasting to the university departments and other directorates.

STAFF

Prof. Ramrao Wagh
Director

Sachin Sambhaji
Assistant Director(Engineering)

Sachin Patil
Assistant Director(Engineering)

Nitin Patil
Engineering Assistant

3.4 Workstation for Microdata from Census

The initiative to host the Census Data Workstation was taken by Goa University in response to the invitation received from 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 microdata station was to permit qualified researchers optimum use of anonymized sample microdata from census for in-depth research. Workstation enables the researchers to have access to microdata which is not published by census. This facility would be available to all including those who are not part of the University system. Workstation does not permit the researchers to take out or copy the data. The researcher would be allowed to process the sample micro data using the software available in the workstation and generate the tables for use. Only computer printout of the tables so generated will be allowed to be taken out of the work station. Workstation has a fully air-conditioned lab with 5 computer terminals and software required to access and process the microdata.

Coordinators: Prof. P. K. Sudarsan, Department of Economics and

Dr. V. Gopakumar, University Librarian

3.5 Visiting Chair Research Professors Programme (VRPP)

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 through generous grants.

The full list of Visiting Research Professors including the new appointments is as follows:

Ser#	VRPP Chair	Professor
1	DD Kosambi Chair in Interdisciplinary Studies	Prof RomilaThapar
		Dr.SudhirKakar
		Prof MadhavGadgil
		Prof Shahid Amin
		Prof DhruvRaina *
		Prof SaurabhDube *
		Prof IshitaDube *
		Prof Kumkum Roy*
2	Dayanand Bandodkar Chair in Political Economy	Prof AmitBhaduri
		Prof Ashok Chandra
		Prof SatishDeshpande*
		Prof Prabhat Patnaik*
		Prof Rammanohar Reddy*
3	KavivaryaBakibaabBorkar Chair in Comparative Literature	Prof Ashok Vajpai
		Prof JeetThayil
		Prof Nirmala Jain
		Prof UdayBhembre
		Prof KiranBudkuley*
		Prof GithaHariharan

		Prof VrindaNabar*
		Prof AnvitaAbbi*
4	Mario Miranda Chair in Art, Fine Art	Prof Jyotindra Jain
		Prof ArjitSen Gupta*
		Prof VidyaDehejia*
		MsShebhaChachi
		Prof Raman Sivakumar*
5	Anthony Gonsalves Chair in Western music	Santiago LucardiGirelli
		Mark Troop
6	Nana Shirgaokar Chair in Indian Music	Smt.ShubhaMudgal
		UstadBahauddinDagar
		Smt.BombayJayashri*
		Smt.Vidya shah*
7	SantSohirobanathAmbiye Chair	Prof B V Nemade
		Prof SomnathKomarpant
		Prof S.M Tadmokkar*
		Prof V.D. Sawant*

*- Currently active in 2018-19.

VRPP – Salient features & achievements

- Internationally reputed personalities from India and abroad provide unique opportunity to Goans to interact.
- 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 University but also in colleges affiliated to university and other locations in Goa benefitting PG/UG students and 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 Professors.
- Documentation of Goan culture, social practices.
- Infused the young researchers in Goa with new ideas by engaging in dialogues

- Brought back interest in liberal art, Indian and western classical music & Literature in the young minds
- Most of the sessions have been video graphed and made available on web or local intranet. This will serve as a source of knowledge in coming years.

List of activities/courses/workshops conducted under each chair

In its Sixth year, various courses, events, workshops, Conferences and performances were organized under each chair.

D DKosambi Chair in Interdisciplinary Studies

1. Prof Dhruv Raina conducted a Public Lectures on three different topics at International Centre Goa, Goa University and St Xavier's College, Mapusa from 10th to 17th December 2018.
2. Prof Ishita Dube & Prof Saurabh Dube jointly conducted a one credit course on "HSO-200 History and Disciplines" from 05th December to 20th December, 2018

Dayanand Bandodkar chair in Political Economy

1. Prof Rammanohar Reddy & Prof Prabhat Patnaik jointly conducted a one credit Course on "ECO-501 Development Challenges in Contemporary India" from 28th January to 02nd February 2019.

Kavivarya Bakibaab Borkar chair in Comparative Literature

1. Prof. Kiran Budkuley taught four 4 credit regular courses for MA-Konkani students from July to November 18 and November to April 2019.
2. Prof Vrinda Nabar conducted courses on "Ego 128 Imagining Women: Representations in Literature and Cinema" and "Ego 135 Roads Not Taken: Decoding Gender, Understanding Feminism" from 25 Sept-06th Oct, 2018 and 06th to 20th January, 2019 respectively.
3. Prof Vrinda Nabar also conducted a Public Lecture on "**The Gendering of Narratives and Narratives of Gender**" on 11th Januray, 2019 at International Centre Goa.
4. Two day Workshop on "Modern Konkani Poetry" was held on 22nd and 23rd January, 2019 in association with Dept of Konkani.

5. Prof AnvitaAbbi conducted a Public Lectures on three different topics at International Centre Goa, Goa University and Rosary College, Navelim from 26th Nov to 12th Dec 2018.

Mario Miranda chair in Art, Fine Art

1. Prof Raman Sivakumar conducted a workshop on “Engaging with Art: A Workshop on Reading Art Objects and Writing About them” from 19th November to 26th November at Seminar hall, Goa University.
2. Goa University co-hosted a National Conference on “Art Education in India: Challenges & Possibilities” in collaboration with Foundation for Indian Art & Education on 04th & 05th March 2019 at Chemistry Auditorium, Goa University.

Anthony Gonsalves Chair in Western music

1. Prof Santiago Girelli conducted two 2 Credit course and one 1 credit course from July 2018 to March 2019.
2. Goa University Choir performed at National Centre for Performing Art, Mumbai from 06th Nov to 09th Nov 2018 and participated in music festivals.

Nana Shirgaokar Chair in Indian Music

1. Prof Vidya Shah conducted one credit course on “SOO-16: Social Organization of Music in North India” from 27th Aug to 07th September, 2018.
2. Smt Vidya Shah invited to sing at Concert conducted at Old Goa Church from 21st Feb to 23rd Feb 2019 along with other musician from Mumbai and Goa for Ketevan Festival.

SantShirobanathAmbiye Chair in SantSahitya

1. Prof. V.D Sawant taught two credit courses for MA-Marathi students from July to November 18 and November to April 2019.
2. Prof. Prof Tadkodkar taught four credit courses for MA-Marathi students from July to November 18 and November to April 2019.
3. National seminar on “Study of Folk Literature: Confront & way out” was held in association with Dept of Marathi on 21st & 22nd February 2018.
4. Department of Marathi had conducted Study tour in collaboration with D-VRPP to various places of SantAmbiye on 14th August 2018.

5. Department of Marathi habitrated by produced video documentation on GoanMarathi Writers in collaboration with D-VRPP from December 18 to February 19 in Seminar / Conference Hall.
6. Department of Marathi published book on “Indian Drama and Dramatist in The Beginning of three Thousand ERA”in collaboration with D-VRPP on February 2019 in Conference Hall.
7. Department of Marathi published book on “Study of Folk Literature: Confront & Way out” in collaboration with D-VRPP in February 2019 in Conference Hall.

Director,VRPP

VRPP Organizational Structure

(WEF 2018-19)

Standing Committee of Executive Council on VRPP

Prof Varun Sahni

Chairperson

Members

- ShriSrinivasDempo
- Prof Sita Naik
- Prof Ira Bhaskar
- ProfShailaDesouza

Director, VRPP & Member Secretary

- Prof Nandakumar Mekoth

Prof Nandakumar Mekoth

Director, VRPP

www.unigoa.ac.in/vrpp

vrpp@unigoa.ac.in

PART: 4
GENERAL ADMINISTRATION AND ACTIVITIES

4.1 Computerisation and IT Infrastructure

The University has Central Computing facilities at its Computer Centre. Goa University Management System (GUMS) ERP is in its final stage of implementation. The Computer Centre maintains and manages in house Data Centre. Various IT related services are extended to the Faculty, Staff, Students and Research Scholars. Computer Centre is responsible for maintenance of Servers, University Network, Internet Services, WiFi, CCTV, Biometric Attendance System, Mail services, Firewall.

Contact Person : Sanjay Bandodkar, 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 the 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 175000 books and 10983 volumes of bound journals. The library subscribes to 263 periodicals out of which 87 are foreign journals. 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 thorough an Open Source Integrated Library management Software KOHA. Users can easily get awareness 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, Oxford English Dictionary.

Library website

The Library website can be accessed at the URL www.library.unigoa.ac.in. This website is developed suing an Open Source Content Management System Drupal. 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 in this page. They include all INFONET Digital Library resources, Encyclopedia Britannica (Academic Edition), Indiastat.Com. We have added 214 e-books on various subjects to our collection. Huge list of online resources are also available in this page.

UGC Infonet Consortia

Goa University Library, being the first phase member of the UGC Infonet Programme, avails the IP authenticated e-journals from the Inter University Centre of the UGC namely the INFLIBNET Centre, Ahmedabad. Goa University stands at the top most ranks in the usage of these e-journals. The library also has access to the Sci-finder database.

Institutional Repository

The Goa University Library has digitized its 837 thesis and uploaded in 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 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

Library has 40 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 PhD thesis being submitted are also subjected to Plagiarism checking.

Goa University Library conducted a short term course in Literature Searching and Academic Writing in collaboration with the UGC Academic Staff College, Goa University. Workshops on Research Methodology and Library Automation were conducted in the Library premises.

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

University Librarian: V. Gopakumar

4.3 Sports Activities

INTER COLLEGIATE CHAMPIONSHIP RESULTS, 2018-2019

Sr. No	Event	Men		Women	
		Winners	Runners-Up	Winners	Runners-Up
01	Badminton	Shree Damodar, Margao	Don Bosco Panjim	Shree Damodar, Margao	V. M. Salgaoncar Law, Miramar
02	Table Tennis	Chowgule, Margao	G.E.C. Farmagudi	St. Xavier's, Mapusa	M.E.S. Zuarinagar
03	Judo	G.C. Khandola	Shree Damodar, Margao	P. E. S. Farmagudi	Rosary, Navelim
04	Chess	G. M. C. Bambolim	G. E. C. Farmagudi	-----	-----
05	Cross Country	Shree Mallikarjun, Canacona	Rosary, Navelim	Shree Mallikarjun, Canacona	G. C. Quepem
06	Weight Lifting	Ganpat Parsekar, Harmal	D.M.C, Assagao	-----	-----
07	Power Lifting	Kare Law, Margao	G. E. C. Farmagudi	-----	-----
08	Best Physique	S.S. Dempo, Cujira	G. C. Quepem	-----	-----
09	Football	Rosary, Navelim	St. Xavier's, Mapusa	Carmel, Nuvem	Rosary, Navelim
10	Tennikoit	Rosary, Navelim	St. Xavier's, Mapusa	G.C. Quepem	Shree Mallikarjun, Canacona
11	Cycling	G.C. Quepem	Rosary, Navelim	-----	-----
12	Basketball	G.M. C. Bambolim	S.S. Dempo, Cujira	St. Xavier's, Mapusa	Shree Damodar, Margao
13	Swimming	G. M. C. Bambolim	Dhempe, Miramar	Chowgule, Margao	S. S. Dempo, Cujira
14	Kabaddi	M.E.S. Zuarinagar	C. E. S. Cuncolim	Zantye, Bicholim	G. C. Pernem
15	Tennis	G. M. C. Bambolim	Shree Mallikarjun, Canacona	-----	-----
16	Athletics	Rosary, Navelim	V. Prabhodini, Porvorim	G. C. Quepem and Rosary, Navelim	-----
17	Handball	Shree Damodar, Margao	Rosary, Navelim	St. Xavier's, Mapusa	Don Bosco, Panjim
18	Kho-Kho	Shree Mallikarjun, Canacona	C. E. S. Cuncolim	C. E. S. Cuncolim	G. C. Quepem
19	Volleyball	G. C. Sanquelim	G. C. Quepem	Carmel, Nuvem	M.E.S. Zuarinagar
20	Hockey	St. Xavier's, Mapusa	Rosary, Navelim	St. Xavier's, Mapusa	G. C. Quepem
21	Cricket	Shree Damodar, Margao	G. E. C. Farmagudi	S. S. Dempo, Cujira	Don Bosco, Panjim
22	Baseball	G. C. Khandola	S. Vivekanand, Borim	G. V. M's, Ponda	Don Bosco, Panjim
23	Teakwondo	Chowgule, Margao	G. C. Khandola	Rosary, Navelim	G. C. Khandola

Inter University Championship Participation and Performance, 2018-2019.

No	Event	Date	Zone	Venue	Performance	Participation
01	Cross Country Men.	04/10/2018	All India	Gulbarga Uni. Kalaburagi	Participation	05
02	Cross Country Women.	04/10/2018	All India	Belgavi	Participation	06
03	Aquatics – Women.	2 - 4/11/18	All India	Jain Uni. Bangalore	Participation.	04
04	Aquatics – Men. Aalhad V. Chati.	28 - 31/10/2018	All India	Jain Uni. Bangalore	Gold in 3M Spring Board and Silver in High Board Diving.	04
05	Athletics Men.	24 - 28/11/2018	All India	Mangalore Uni. Mangalore	Participation	10
06	Athletics Women.	24 - 28/11/2018	All India	Mangalore Uni. Mangalore	Participation	02
07	Judo - Men	27 - 29/12/2018	All India	Guru Nanak Dev Uni. Amritsar	Participation	06
08	Power Lifting - Men	19- 23/2/2019	All India	Calicut Uni. Thrisur	Participation	07
09	Table Tennis - Men	20- 23/11/2018	West Zone	SRTM Univ. Nanded	Participation	05
10	Cricket - Women.	31/1- 7/2/2019	West Zone	Nagpur Univ.	Won two rounds	16
11	Hockey - Men	2-6/11/2018	West Zone	LNPE, Gwalior	lost in qualifying round.	16
12	Kabaddi - Men	26- 30/11/2018	West Zone	Shivaji Univ.Kolhapur	Lost in qualifying round	12
13	Kho Kho - Men.	22- 26/12/2018	West Zone	Mumbai Univ.	Won two rounds	12
14	Football - Women.	29/12- 2/1/2019	West Zone	ITM Uni. Gwalior	Winner	20
15	Football - Women.	14- 19/2/2019	All India	Guru Nanak Dev Uni. Amritsar	Quarter Finals	20
16	Football - Men.	11- 20/12/2018	West Zone	Mumbai Univ.	Runners Up	20
17	Football - Men.	23- 30/12/2018	All India	Mumbai Univ.	Fourth position	20
18	Cricket Men.	22- 29/12/2018	West Zone	VNS Gujarat Uni. Surat	Participation	16

Total

20

Goa University teams at Inter University Championships, 2018-2019

Sr. No	EVENT	NAMES OF THE PLAYERS AND OFFICIALS
--------	-------	------------------------------------

01.	Cross Country – Men (All India)	Pradyumn Naik, Akash Saroj, Gaonkar Yogesh, Gaonkar Jayant, Teddy Cardozo Officials: Nitisha Gaonkar, Savio Leita
02.	Cross Country – Women (All India)	Bhandari Chetali, Velip Alisha, Archana Velip, Deepa Velip, Vijayshree Velip, Rohine Gaonkar Officials: Nitisha Gaonkar, Savio Leita
03.	Aquatics – Women (All India)	Shet Narvekar Kiran Gurudas, Gramopadhye Saachi Ajay, Clarissa Elizabeth Desouza, Patil Suman Dayanand Officials: Shri. Deepak Chhetry
04.	Aquatics – Men (All India)	Ashwin John Mascarenhas, Taran Mukherjee, Joao Carlos Elton Estrochio, Aalhad V. Chat Officials: Shri P. Narsimhalu.
05.	Athletics - Men (All India)	Bindu Ajay Kumar Ram, Khan Salman, Faleiro Antonio Ronaldo, Bharat Bhushan Sharma, Naik Pradyumn Gurudas, Mandal Saifur Rahim Ab, Mishra Raju Suman, Vishwakarma, Vijay Omkar, Renati Venkata Sunil, Bhandodkar Harshad Gurudas Officials: Dr. Rajan Mathew, Digambar Narvekar
06.	Athletics Women (All India)	Fernandes Kaisiya Cassia, Fernandes Rizma Alrida Officials: Francis Lobo, Devi Gaonkar
07.	Judo Men (All India)	Salgaonkar Ashish Ashok, Parmekar Pradosh Shashikant, Kawlekar Amay Balchandra, Shaikh Habib Jalil, Sharma Pankaj Ramashankar, Kadam Arjun Parshuram Officials: Nagesh Hugar
08.	Power Lifting Men (All India)	Parab Varad Padmakar, Virnodkar Ulhas Prakash, Goltekar Aniket Ankush, Bile Prasad Yeshwant, Prabhu Desai Shivram Alias Omkar Ashish, Marathe Abhinav Deepak, Bhandodkar Harshad Gurudas Officials: Manoj Hede, Andrew Gomes
09.	Table Tennis – Men (West Zone)	Jadhav Nikhil Ajay, Sonawane Rutuj Sadashiv, Chari Gaurav Kamlesh, Tamhankar Kewal Shreekrishna, Lokre Shubham Chandrashekhar Officials: Ajay Naik
10.	Cricket – Women (West Zone)	Sayed Uzma Abdul Azim, Naik Sujidha Sudesh, Dabolkar Bhakti P., Parab Shreya Subhash, Chari Manasee Madhu, Ghadi Sugandha Gajanan, Gaonkar Preeti Kashinath, Usapkar Pooja Manoj, Kavlekar Bindia B, Bhandari Vanita Karunakar, Raut Dessai Sayani Uttam, Kandgal Roshan Anseri, Naik Saisha Dnyaneshwar, Chari Neha Tukaram, Faldesai Ciya Nitin, Deepali Singh Officials: Surat Gawas
11.	Hockey – Men (West Zone)	Raju Rathod, Sheldon Furtado, Tahir Ahmed Tahashildar, Brendan De Noronha., Akshay P Valmiki, Clavin Carvalho, Mandar P. Manjrekar, Pranesh P. Sakhalkar, Kambali Riyazahmed Shabbir, Kabir Fairouz Khan, Ayyaz Khan, Mahesh M. Pawar, Swapnil S Haldankar, Jagrut Salunke, Suraj G Gaonkar, Kano Bhago Shelke Officials: Alexander Remedious, Sam Braganza
12.	Kabaddi – Men (West Zone)	Kharvat Dinesh Dhondur, Sane Chetan Prasad, Parab Vishnudas Dattaram, Cuncolienkar Abhishek Arun, Sawal Sagar Laxman, Rathod Vishal Babu, Rathod Sanjay Babu Sawal Desai Nehal Balkrishna, Velip Ashwin Rohidas, Velip Rama Krishna, Velip Sathyaprasad Sudhakar, Rane Sardesai, Ajinkyasen Kanhojirao Officials: Sushant Haldankar, Bindiya R. Gaonkar
13.	Kho-Kho – Men (West Zone)	Gaonkar Sanket Dilip, Gaonkar Sarvesh Dilip, Gaonkar Sandesh Mangesh, Gaonkar Roshan Tolu, Gaonkar Jayant Mangesh, Kakodkar Aviram Ganpat, Gaonkar Akshay Anant, Das Kushal Jaykanta, Wagh Suraj Ramesh, Velip Amresh Ramesh, Velip Aniket Arjun, Gaonkar Deepak Mohan Officials: Ramlal Vernekar, Caetano Clemento
14.	Football – Women (West Zone)	Alisha Tavares, Linda Calado, Velanie Fernandes, Avia Jean Vas, Kumar Dishna Dilip, Patil Akshata Krishna, Vilma Faleiro, Marlet Cardozo, Nevilla Colaco, Barretto Ancella Maria, Da Costa Annette Tereza Gracias Flor, Fernandes Anline Sharmila, Colaco Jeromina, Chetna Tirodker, Gadekar Rima Harischandra, Vaz Ansiva, Scindia Saundatkar, Noronha Rhea,

		Pereira Riza, Cynthia Diana Lobo Officials: Osvaldo Da Costa, Girijadevi Desai
--	--	---

15.	Football – Women (All India)	Alisha Tavares, Linda Calado, Kumar Dishna Dilip, Patil Akshata Krishna, Vilma Faleiro, Nevilla Colaco, Barretto Ancella Maria, Da Costa Annette Tereza Gracias Flor, Fernandes, Anline Sharmila, Colaco Jeromina, Chetna Tirodker, Gadekar Rima, Harischandra, Vaz Ansiva, Noronha Rhea, Pereira Riza Officials: Osvaldo Da Costa, Girijadevi Desai
16.	Football – Men (West Zone)	Gaonkar Harshad Shivanand, Khan Mohammed Hassan, Pednekar Rishabh Shyamsunder, Vaingankar Gaurav Gurudas, Satelkar Sachidanand Laxman, Dias Gautam Inacio, Pednekar Devendra Namdev, Murgaonkar Devendra Dhaku, Rodrigues Flagan , Lamani Suresh Subhash, D'Silva Jeniton Bosco, Miranda Clive, Lucas Jayson, Satarkar Stephen M, Kalangutkar Siddhant Shyamsundar, Cardoz Joston Jonas, Gaonkar Sanket Sunil, Gosavi Vishnu Sazro, Rebello Joliston John, Pujar Ganesh Basu Officials: Ryan Pereira, Siddesh Kesarkar
17.	Football – Men (All India)	Gaonkar Harshad Shivanand, Khan Mohammed Hassan, Pednekar Rishabh Shyamsunder, Vaingankar Gaurav Gurudas, Satelkar Sachidanand Laxman, Dias Gautam Inacio, Pednekar Devendra Namdev, Murgaonkar Devendra Dhaku, Rodrigues Flagan , Lamani Suresh Subhash, D'Silva Jeniton Bosco, Miranda Clive, Lucas Jayson, Satarkar Stephen M, Kalangutkar Siddhant Shyamsundar, Cardoz Joston Jonas, Gaonkar Sanket Sunil, Gosavi Vishnu Sazro, Rebello Joliston John, Pujar Ganesh Basu Officials: Ryan Pereira, Siddesh Kesarkar
18.	Cricket – Men (West Zone)	Morajker Sanket Vijaykumar, Khutker Manthan Ankush, Mishra Shivam Krupashankar, Naik Rohit Madhav, Chauhan Omprakash, Kothambikar Abhishek Ashok, Kadam, Mandar Nandakumar, Kalgutkar Rajat Rajendra, Sawant Pranal Purnanand, Parab Akash Uttam, Bhonsle Saiesh Nilesh, Chadha Balpreet Singh, Shetgaonkar Atish Ashok, Jha Shubham Deepak, Bakhale Kashyap Udaykumar, K. R. Krishnanunni Officials: Ajikya Kudtarkar, Gaurang Dhuri

Goa University Sports Awards for the Academic year 2018 -2019

1. Beat Sportswoman

Ms. Cynthia Diana Lobo	i) Won Third Place in 7-A- Side Unified Football at Special Olympics World Summer Games 2019, Abu Dhabi UAE. ii) Winner at Inter University West Zone Football Championship at LNIPE, Gwalior	St. Xaviers College, Mapusa
---------------------------	--	-----------------------------

2. Best Sportsman

Mr. Aalhad V. Chati	i) First Place in All India Inter-University High Board Diving at Jain Uni, Bangalore ii) Second Place in 3 Mts Spring Board Diving, at Jain Uni. Bangalore. iii) Third Place in 1 Mts Spring Board Diving, Jain Uni. Bangalore. iv) Selected to represent Indian University team in diving at 30 th Summer Universiade, 2019 at Napoli, Italy.	Goa Dental College, Bambolim
---------------------	---	------------------------------

3) **Best College in Sports (Women) – St. Xaviers College, Mapusa**

Winners position in Four Inter Collegiate Championship
Table Tennis, Basketball, Handball, Hockey.

4) **Best College in Sports (Men) - Goa Medical College, Bambolim**

Winners position in Four Inter Collegiate Championship
Basketball , Swimming, Chess, Tennis .

(Milton L. Fernandes)
Asst. Dir. of Phy. Edn. &
Sports

4.4 Directorate of Students' Welfare and Cultural Affairs

The Student's welfare activities are looked after by The Directorate of Students Welfare and Cultural Affairs office. Following activities were facilities by DSW office during academic year 2018-19.

1. Election for the post of University Class Representatives was held on 10/10/2018.
2. Election for University Faculty Representatives was held on 17/10/2018.
3. Election for Executive Body of Goa University Student Council was held on 26/11/2018.
4. Election for Post Graduate Student's Union for the year 2018-19 was held on 16/10/2018.
5. Under Earn While You Learn Scheme remuneration of Rs. 44,800/- was provided to the eligible Post Graduate students.
6. Plateaunica 2018-19: It was organized by Post Graduate Student's Union from 27th February to 2nd March, 2019 at the Dr. Shyama Prasad Mukherjee Indoor Stadium, Goa University. The Plateaunica was organized to bring together all the Post-graduate students together and to enable them to test their creativity and talents in the field of Art, Culture and Music. Several on-stage and off-stage events were held.

Dattesh Parulekar

Director, DSW 2018-2019

4.5 U. G. C. Human Resource Development Centre

UGC- Human Resource Development Centre Scheme is 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 education through study and research to achieve academic excellence.

The UGC-HRDC at Goa University has been conducting Orientation Courses since its establishment from February, 1988. In addition to Orientation Program, 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. A Computer Lab has been set up with special grants from the UGC. Participants are given basic training along with hands-on experience with Computers. They are also helped in exploiting the informative resources on Internet and in the use of other technologies. Refresher Courses participants are trained to use software packages pertaining to their particular discipline.

Till date the UGC-HRDC at Goa University has completed 103 Orientation Programs and 195 Refresher Courses catering 3687 and 5792 participants respectively beside this, there was also short term courses. During the year 2018-19 the UGC-HRDC, conducted four Orientation Program, six Refresher Courses in subject of Library and information science, Hindi, Commerce/Management, Life Science (Inter Disciplinary), English and Natural Science (Inter Disciplinary), three Short Term Course Research Methodology in Science, Workshop on MOOC's e- Content Development and Open Educational Resources, Gender Sensitization and one Principal's Meet . Thus the year 2018-19, 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.

Refresher Courses/Orientation Programs/S.T.C./Others conducted in 2018-19

Sr. No.	Courses Conducted	From	To	Number of Participants		
				Male	Female	Total
1	100 th Orientation Program	22-05-2018	18-06-2018	17	20	37
2	Refresher Course in Library and information Science	05-06-2018	25-06-2018	26	3	29
3	Refresher Course in Hindi	03-07-2018	23-07-2018	18	12	30
4	101 st Orientation Program	01-08-2018	28-08-2018	27	10	37
5	Refresher Course in Commerce/Management	21-08-2018	10-09-2018	15	20	35
6	Refresher Course in Life Science (Inter Disciplinary)	28-09-2018	18-10-2018	22	10	32
7	102 nd Orientation Program	13-11-2018	10-12-2018	17	26	43
8	103 rd Orientation Program	02-01-2019	29-01-2019	21	15	36
9	Principal Meet	10-01-2019	--	19	6	25
10	Short Term Course Research Methodology in Science	05-02-2019	11-02-2019	22	10	32
11	Refresher Course in English	19-02-2019	11-03-2019	9	4	13
12	Refresher Course in Natural Science (Inter Disciplinary)	21-02-2019	13-03-2019	6	10	16
13	Workshop on MOOC's e-content Development and Open Educational Resources	12-03-2019	18-03-2019	11	9	20
14	Gender Sensitization	19-03-2019	25-03-2019	25	8	33

Sd/-

(C. U. Rivonker)

I/C Director
UGC – HRDC

PART 5:

AFFILIATED COLLEGES & RECOGNISED INSTITUTIONS

General Education

1. Dhempe College of Arts & Science, Miramar, Panaji
2. Smt. Parvatibai Chowgule College of Arts and Science, Margao
3. St. Xavier's College of Arts , Science and Commerce, Mapusa
4. S. S. Dempo College of Commerce & Economics, Altinho, Panaji
5. Carmel College for Women, Nuvem, Salcete
6. M. E. S's College of Arts & Commerce, Zuarinagar
7. Shree Damodar College of Commerce & Economics, Margao
8. D M's Anand R. Sirsat College of Arts, Sou. Sheela Premanand Vaidya College
Of Science and V. N. S. Bandekar College of Commerce, Assagao.
9. Goa Vidyaprasarak Mandal's College of Commerce & Economics, Ponda
10. P. E. S.'s Shri Ravi S. Naik College of Arts and Science, Ponda
11. Cuncolim Education Society's College of Arts and Commerce, Cuncolim
12. Government College of Arts, Science and Commerce, Sanquelim
13. Goa College of Home Science, Campal, Panaji
14. Government College of Arts, Science and Commerce, Khandola, Marcela
15. Rosary College of Arts & Commerce, Navelim
16. Saraswat Vidyalaya Society's Sridora Caculo College of Commerce and
Management Studies, Mapusa.
17. Fr. Agnel College of Arts and Commerce, Pilar
18. Government College of Arts and Commerce, Pernem
19. Shree Mallikarjun College of Arts and Commerce, Canacona
20. Zantye Brothers' Educational Foundation's College of Commerce, Bicholim
21. Vikas Parishad, Mandrem College of Commerce, Madhla Maj, Pernem

22. Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda.

Professional

23. GSS's Don Bosco College, Panaji
24. Goa College of Pharmacy, Panaji
25. Goa Engineering College, Farmagudi, Goa
26. Nirmala Institute of Education, Altinho, Panaji
27. Goa College of Fine Art, Altinho, Panaji
28. V. V. M. Govind Ramnath Kare College of Law, Margao
29. Goa Dental College, Bambolim
30. Goa College of Music, Altinho, Panaji
31. Institute of Nursing Education, Bambolim
32. Goa Vidya Prasarak Mandal's College of Education, Ponda
33. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda
34. Shivgram Education Society's Homoeopathic College and Hospital, Shiroda
35. Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda
36. P. E. S. College of Education, Ponda
37. Vrundavan Institute of Nursing Education, Porvorim
38. Institute of Psychiatry & Human Behaviour, Bambolim
39. P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda
40. Don Bosco College of Engineering, Fatorda, Margao

41. Goa College of Hospitality and Culinary Education, Cida de Goa, Vaignim Beach
42. Agnel Institute of Technology and Design, Assegao Bardez
43. Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim.
44. V.M. Salgaoncar Institute of International Hospitality Education
45. Ramanata Crisna Pai Raikar School of Agriculture, Savoi Verem, Ponda –Goa.
46. St. Joseph Vaz College, Cortalim, Marmagao.
47. JD Institute of Fashion Technology, Panaji.

5A.GENERAL EDUCATION COLLEGES

5.1 DCT Dhempe College of Arts and Science, Miramar

Year of Establishment: 1962

College Address: Dhempe College of Arts and Science, Miramar, Panaji, Goa 403001

Principal's Details:

Name: Dr.Vrinda P. S. Borker

Contact no.: 08322461507/ 9822129669

Email:dhempe@rediffmail.com

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

The NAAC accreditation status:

Whether accredited : Yes

Score and Grade : 'A' Grade (3.20)

Round of accreditation: 3rd cycle

Courses offered& Sanctioned and filled strength:

- B. A. : Sanctioned-180 & Filled-177
- B.Sc. : Sanctioned-220 & Filled-199
- M.Sc. (Chemistry): Sanctioned- 20 & Filled-20

Research Centre, If any: Research Centre in Chemistry in collaboration with five other colleges

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

Any new course(s) started: M.Sc. (Chemistry)

Faculty strength: Teaching staff: 45

Achievements of the College:

- Re-Accredited at A Grade (3.20 CGPA) by NAAC; 101-150 band of NIRF by MHRD
- ISO 9001:2015 Certified; Green Certification Level III by GSCP and selected as Nodal College by Honorable Governor of Goa for Swacchata Mission
- MoUs with premier Institutions such as NATIONAL INSTITUTE OF OCEANOGRAPHY, NATIONAL CENTRE FOR ANTARTIC AND OCEAN RESEARCH, INDIAN COUNCIL OF AGRICULTURAL RESEARCH, THE ENERGY AND RESOURCES INSTITUTE, SANGATH, ASSOCIATION OF FRIENDS OF ASTRONOMY, EDC-IGNITE, IMMUNOPATHOLOGY AND THERAPEUTIC IMMUNOINTERVENTIONPARIS - FRANCE,Vellalar college for Women Cluster of Colleges for Research in Chemistry
- College with Potential for Excellence awarded by UGC under XII Plan
- Sakura Exchange Program in collaboration with Meijo University, Japan

Sponsored Research Projects sanctioned / Completed during June 2018 to May 2019.

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	Mrs. Shilpa Naik	Study of the effect of Medium of Instruction in e-learning a software	06/09/2017 2 years	UGC	2.85	Ongoing
2	Dr. Swati Pawar	Study of Quantum phase transitions in Bose-Hubbard chains	06/09/2017 2years	UGC	2.75	Ongoing
3	Dr. Swati Pawar	Design and development of a photovoltaic and human power hybrid energy system	02/08/2017 3 years	DST&E	5.00	Ongoing
4	Dr. Manojlb ram-purkar	Assessment of Spring water quality in Bardez and Tiswadi taluka of Goa, India	26/10/2017 2 years	DHE	2.70	Ongoing

Conferences/workshops organized:

State Level: 12

National Level: 02

International Level: 01

Details of International Conferences/Workshops organized:

Two-Day International conference on 'Nano-materials for Environmental Applications' (NEA 2019) funded by DST& E (Rs. 4, 00,000/-); Meijo University (Rs. 1, 00,000/-); DCT (Rs. 2, 00,000/-); other sponsors (Rs. 50,000/-). 6th and 7th March 2019. 08 participants from abroad

Publications:

Publications	Cat-I	Cat-II	Cat-III	
--------------	-------	--------	---------	--

	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	4	7	1	12
	Foreign Publisher	Indian Publisher	Local Publisher	
(a) Research papers In Edited Books	0	2	0	2
(b) Books	0	0	1	1
	International	National	Local	
II. Research papers in Conference Proceedings	2	0	0	2
Total	6	9	2	17

Papers presented in conferences/Seminars/Workshops:

Abroad: 6 within India: 22 within Goa: 17

Invited Lectures given by the faculty.

Within India: 03 within Goa: 13

No. of teachers who obtained research degree during the year: 02

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 recognised and reputed agencies), Date of award
Dr. Vrinda Borker	Best paper presentation award	International Conference on "Industrial waste Treatment & Control", London
Mr. Prajal Sakhardande	Goemkarponn Award	Transform Goa, Kuwait-based organization
Mrs. Deepa Audi	Best paper award	International Virtual Congress
Dr. Avelyno D' Costa	Best paper award	National conference on "Wetland Conservation: Approaches and Threats
Mrs. PaliaPandit	Awarded Scholarship	Goembab'sYadastik, State level
Dr. K.K. Therisa	Commissioned as	Officers Training Academy, Gwalior

	NCC Officer	
--	-------------	--

Sports Achievement:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	3	0	2	5	0	1	0	1
State	0	0	0	0	0	0	1	1
Inter-University	0	0	0	0	1	0	0	1
National	0	0	0	0	3	0	0	3
International	0	0	0	0	0	0	0	0
Total	3	0	2	5	4	1	1	6

Details of the top 5 Sports Achievements

Any other special achievements of faculty:

- Prajal Sakhardande (2019) published a book entitled, 'Goa Gold Goa Silver, Her

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
VedantSawant	Tennis-ball Cricket	All India National Tennis-ball Cricket Championship	SAMMS, Thiruvallur District TBCA and Tamil Nadu Tennis Ball Cricket Association	1 st Place
PrachiKankonkar	Softball	Senior South Zone National Softball Championship	Goa Softball Association	3 rd Place
AniketNaik VedantSawant	Tennis-ball cricket	Indo-Nepal International Inter-state Tennis ball Cricket Championship	Nepal Tennis Ball Cricket Association	1 st Place
JostanCardoz	Football	All India Inter-University Football Championship	Mumbai University	4 th Place

History, and Her Heritage from earliest times to 2019.

5.2 Smt.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. Nandkumar N. Sawant

Contact No: (0832) 2722222

Email:principal@chowgules.ac.in

College website: www.chowgules.ac.in

The NAAC accreditation Status:

Whether accredited : Yes

Score and Grade : 'A' Grade (3.41)

Courses offered and Sanctioned Strength

Courses	Sanctioned Strength	Filled Strength
F.Y.B.Sc	240	241
S.Y.B.Sc	180	230
T.Y.B.Sc	150	207
F.Y.B.Sc – Self-financed	30	30
S.Y.B.Sc - Self-financed	25	26
T.Y.B.Sc - Self-financed	25	25
T.Y.B.Sc Geography - Self-financed	20	11
F.Y.B.Sc – Biochemisrty (self-financed)	20	20
S.Y.B.Sc - Biochemisrty (self-financed)	25	14
T.Y.B.Sc - Biochemisrty (self-financed)	25	05
F.Y.B.Sc - Statistics (self-financed)	20	03
S.Y.B.Sc - Statistics (self-financed)	20	05
F.Y.B.A	180	203
S.Y.B.A	180	161
T.Y.B.A	180	132
F.Y.B.A - Portuguese	20	0
S.Y.B.A – Portuguese (self-financed)	20	0
T.Y.B.A. - Portuguese	20	0
T.Y.B.A – Sociology (self-financed)	20	27

F.Y.B.Voc – Software Development (self-financed)	30	31
S.Y.B.Voc - Software Development (self-financed)		
F.Y.B.Voc – 3D Media & Virtual Reality - VFX (self-financed)	30	13
F.Y.B.Voc – Multimedia-Digital Filmmaking (self-financed)	30	16
	30	13
<u>P.G.Courses (Self-Financed Courses)</u>		
M.A. – Part I (Geography)	20	05
M.A. – Part II (Geography)	20	23
M.Sc. – Part I (Information Technology)	20	16
M.Sc. – Part II (Information Technology)	20	14
M.Sc. – Part I (Analytical Chemistry)	20	12
M.Sc. – Part II (Analytical Chemistry)	20	08
M.A. – Part I (Economics)	20	07
M.A. – Part II (Economics)	20	03
M.A. – Part I (Hindi)	20	16
M.A. – Part II (Hindi)	20	05
M.A. – Part I (Psychology)	20	13
M.A. – Part II (Psychology)	20	10
M.A. – Part I (English)	20	07
Post Graduate Diploma in Computer Applications	30	12
Post Graduate Diploma in Geoinformatics	20	24
Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques	15	-
Total		1588

Research Centre:

- i. Geography
- ii. Hindi
- iii. Botany

No. of Candidates, Subjectwise, registered for PhD under the research Centre:

Subject	No. of Candidate
Geography	01
Hindi	04
Botany	Nil

Any new course(s) started:

1. B.Voc. 3D Media & Virtual Reality – VFX
2. B.Voc – Multimedia – Digital Filmmaking
3. M.A. English

Faculty Strength: 84

Achievements of the College:

A. The college has signed Memorandum of Understanding with the following institutions:

At International Level:

- i) Camoes, Institute for Co-operation and Language, I.P. Portugal for promoting the teaching and dissemination of Portuguese language and Culture through agreements of co-operation with institutions of higher education abroad.

At National Level:

- i) Baba Naik Mahavidyalaya, Kokrud, Sangli, Maharashtra for undertaking students and research projects as per the expertise and logistics available with both the colleges.

At State Level:

- i) Govt. College of Commerce and Economics, Margao, for undertaking students and faculty related assignments to enhance the quality of colleges as per the expertise and logistics available with both the colleges.
- B. The college introduced specialized research laboratories such as 'Central Research Lab' and 'Environmental Lab' in July 2018. Central Research Laboratory harbours instruments/equipments that are essential for carrying out research related activities. This setup intends to encourage faculty from all departments to carry out in-depth research. It will also help the students to get hands on exposure of the research techniques, working of instruments and their application, thus inculcating a research culture in them.

Sponsored Research Projects sanctioned, ongoing and completed during June 2018 and May 2019.

Major Research Projects

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. in Lakhs)	Specify whether sanctioned, ongoing or completed

1	Dr. Purnima Singh	Studies on characterization of most promising substance of biotechnological interest from selected bacterial strains of extreme environment.	14.08.2017 to 13.08.2019	Science & Engineering Research Board (SERB)	19.20	Ongoing
2	Dr. Sanjay S. Gaikwad	Assessment of Carbon Stock & Carbon Sequestration Scenario through Land Use Change in the state of Goa	1.07.2015 to 1.07.2018	UGC	13.85	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, ongoing or completed
1	Lactina Regina Gonsalves	Development of functionalized nanoparticle oxides for gas sensing and other potential Applications	26.10.2017 to 2017-19	Director of Higher Education (DHE)	3.10	Ongoing
2	Uma Masur	Molecular characterization of dysoxylum binectariferum Hook f. regenerated plants in vitro by RAPD, SSR and ISSR methods.	26.10.2017 to 2017-19	Director of Higher Education (DHE)	3.50	Ongoing
3	Sachin Moraes	Male International migration and the experience in rural Goa.	10.01.2018 to 2017-19	ICSSR, New Delhi	2.50	Completed 29.03.2019

4	Sameena Fernandes Falleiro	Teaching and Learning with ICT: Current status and future directives with reference to under Graduate Education in Goa	27.08.2018-20	DHE Research science Promotion	2.00	Sanctioned 27.06.2018
5	Nandini Vaz Fernandes	Evaluation of effectiveness of methodologies used in conducting practicals of graduate & undergraduate courses in Biological sciences	27.06.2018-20	DHE Research science Promotion	2.00	Sanctioned 27.06.2018

Sponsored Consultancy Work undertaken: (sanctioned / completed / ongoing)

Name of faculty member	Name of consultancy project	Name of the Sponsor	Duration of consultancy	Amount	Sanction Date
Dr. N N Sawant Mr. Deepak Kumbhar	Colvale Housing Board Project	Goa State Biodiversity Board, Saligao	4 months	19000.00	18 th June 2018
Mr. Adrian Ferro	Kolhapur Oxygen CRYOTIMES E-	Kolhapur Oxygen & Acetylene Pvt.	Ongoing	20000.00 per year	April 2015
Dr. N. N. Sawant Dr. Nandini Vaz Fernandes Dr. Uma Masur Mr. Deepak	Peoples Biodiversity Register (PBR) Chandor	Goa State Biodiversity Board, Saligao	3 Years	70000.00	June 2016
Dr. Uma Masur Mr. S.S.Adsul Mr. Deepak	Medicinal Plant Cultivation,	GSREPL, Raia	1 year	257000.00	April 2019

Conferences/Workshops Organized:

State Level: 04 National Levels: 08

Publications:

Publications	Cat-I	Cat-II	Cat-III	
--------------	-------	--------	---------	--

	Scopus, Web of Science, ICI indexed	UGC Recognized	ISSN	Total
I. Research papers in	03	13	14	30
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books / Edited Books	-	01		01
Books	06	02	01	09
Total	09	16	15	40

Papers presented in Conferences/Seminars/Workshops:

Abroad: 03 within India: 31 within Goa: 24

Invited Lectures given by the Faculty:

Abroad: 03 within India: 09 within Goa: 23

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	Institution visited	Dates of visit	Funding Agency
Dr. Nandkumar N. Sawant	India Growth And Development	France	University of De La Reunion	10th Novemberto 9th December 2018	Erasm u s+ Programm e of the European Union
D r. Anagha Bicholcar	Geography , Environment and Geomorpholog y	Srilanka	University of Sri Jayewardenep ura	24 th to 30 th November 2018	Self-funded
M rs. A ish a Bibi Shaikh	Soco -C u ltu ra l Geography and Geomorpholog y	Srilanka	University of Sri Jayewardenepu ra	24 th to 30 th November 2018	Self-funded

No. of teachers who obtained research degree during the year: 03

Details of research degree obtained:

Name of the Teacher	Department	Name of the thesis	University which awarded degree
---------------------	------------	--------------------	---------------------------------

Dr. MEghana Devli	Geology	Sedimentology and Provenance Studies of lower Part of the Bagalkot Group of Kaladgi Basin: Implications of Tectonic and Sedimentation History	Goa University
Dr. Sobita Kirtani	Psychology	A Psychological Analysis of the Elderly with varying levels of subjective well-being.	Karnataka University
Dr. Mayuri Naik	Chemistry	Synthetic studies in oxygen heterocycles.	Goa University

No. of Teachers Pursuing PhD. 12

Awards:

Name of the Faculty	Title of the Awards/Honours	Name of Agency/Institution sponsoring the award. Date of Award
Dr. Nandkumer N. Sawant	Educational Leadership Award	26 th Business School Affaire and devang Mehta National Educationl Award 16 th August 2018
Dr, Hanumant Chopdekar	National Urmi Kavya Puraskar 2018	Urmi Publication Aurangabad 18 th August 2018
Dr, Hanumant Chopdekar	Late. Padmaja Naik Gavnekar Memorable Research Award 2018	Konkani Bhasha Mandal, Margao 30 th September, 2018.

Sports Achievements:

Level of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter Collegiate	4	10	8	23	3		5	8
National	-	1		1				
Total	5	11	8	24	3		5	8

Details of the top 5 Sports Achievements:

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
Agnelo Peixoto	Track and Field	West Zone Junior National Athletics	Athletics Federation of	2 nd place

		January 2019	India	
--	--	--------------	-------	--

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

- Mr. Rahul Pillai, Faculty and Research Scholar, Department of Geography and Co-ordinator, Center for South Asia Studies under Erasmus Plus Project, signed with University of La Reunion, France pursued his research for six months i.e from 15th September, 2018 to 15th march, 2019 at the University of La Reunion, France for Doctral level research.
- Dr. Hanumant Chopdekar was felicitated at Rastriy Kaavya Mahotsav 2018 organized at Aginta Fardapur Aurangabad – Maharashtra on 19th August 2018 at the National Poetry Festival 2018.

5.3 St. Xavier's College of Arts, Science and Commerce, Mapusa

Year of Establishment: 1963.

College Address: St.Xavier College, Xaviernagar, Mapusa, Bardez Goa, 403 507

Principal's Details:

Name: Dr. Blanche Mascarenhas

Contact No.91 (0832) 2262356

Email:xavierscollege1963@gmail.com

Website:www.xavierscollege-goa.com

The NAAC accreditation status:

Whether accredited : Yes

Score and Grade : 'A' Grade (3.12)

Round of accreditation: 3rd cycle

Courses offered and sanctioned strength:

Courses Offered: 27

Sanctioned Strenght: 1100 (FY)

Filled Strength: 3107

Research Centre, if any: Part of College Cluster for research with effect from academic year 2019 – 2020. MOU for the same signed in academic year 2018-2019.

Faculty Strength: 177

Achievements of the College:

1. NAAC accreditation, Cycle 4, Score of 3.12, Grade A.
2. Best College in commerce Award 2019 Goa Region awarded for best placement support, Ragging Free and ecofriendly campus by Indian youth chamber of commerce industry
3. MOU –cluster College for research centre.
4. Best college for sports (women): Goa University and GENO Awards.

Sponsored Research Projects sanctioned between June 2016 and May 2017.

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. in Lakhs)	Specify whether sanctioned, ongoing or completed
1.	Dr. Hari K. Kadam	Synthesis of Novel Indolopyrrolanocoumarins, Indolo-carbazolocoumarins and Cytosinocoumarins and Study of their Antioxidant and Antiglycosidase activity	4 th June 2016 to 3 rd June 2019	Science and Engineering Research Board of India	28,52,434/-	Completed on 3 rd June 2019
2.	Dr. Hari K. Kadam	Synthesis of Novel coumarylpyrazoles and coumarylpyrazolones and the study of their antioxidant and antiglycosidase activity	17 th march 2019 to 16 th march 2022	Dept. of Science and Technology, Govt. of Goa	2,00,000/-	Sanctioned on 17 th March 2019 and in progress.
3.	Dr. Reshma Raut Dessai (Physics)	Mesosopic Structural Investigation on Magnetic Porous Material by SANS	13 th January 2016 to January 2019.	UGC-DAE-CSR	1,35,000/-	Completed in January 2019.

Conference/Workshops organized:

State Level: 17 National Levels: 02

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI	UGC Recognised	ISSN	Total

	indexed journals			
I. Research papers in journals	Nil	03	13	16
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books / Edited Books	No.	No.	No.	
(a) Research papers in edited books	02	Nil	01	03
(b) Books	Nil	02	Nil	02
	International	National	Local	
III. Research papers in conference proceedings	Nil	Nil	Nil	
Total	02	05		14

Papers presented in Conferences/ Seminars/Workshops:

Abroad: 00 within India: 15 within Goa: 18

Invited Lectures given by the faculty:

Abroad: 01 within India: 01 within Goa: 18

No. of teachers who obtained Research Degree during the year:

Phd: 01 Dr. Sharmila Paes, History, Goa University.

No. of Teachers pursuing PhD: 06

Sports Achievements of Students:

Levels of Competition	Individual Event			Total	Team Event			Total
	First place	Second Place	Third Place		First Place	Second Place	Third Place	
Inter-collegiate	03	08	04	15	05	02		07
Inter-University							01	
International							01	01
Total	03	08	04	15	05	02	02	08

Details of the top 5 sports achievements:

Name of the student/ captain of the	Name of the event in which participated	Name of the tournament/sports event with date	Name of the organizer	Place won 1st/2nd/3rd
--	--	--	------------------------------	---

team	(sports/games)			
1.Cianna Lobo	Handball (women)	Intercollegiate championship	Goa University	1 st
2.Charmaine Fernandes	Basketball (women)	Intercollegiate championship	Goa University	1 st
3.Maheshwari Haldankar	Hockey (women)	Intercollegiate championship	Goa University	1 st
4.Siddesh Patkar	Hockey (men)	Intercollegiate championship	Goa University	1 st
5.Jason Monteiro	football	Intercollegiate championship	Goa University	1 st

5. 4 DCTs S. S. Dempo College of Commerce & Economics.

Year of Establishment: 1966

College Address: Deendayal Integrated School Complex, Cujira, Bambolim - Goa

Principal's Details:

Name: Dr. Radhika S. Nayak

Contact No. : 0832-2976646

Email: principal@dempocollege.edu.in

College Website: www.dempocollege.edu.in

Courses offered and sanctioned and strength:

Sr.no.	Courses offered	Sanctioned strength	Filled strength
1	B.Com. (Hons)	F.Y. 300 S.Y. 300 T.Y 240 Total 840	F.Y. 374 S.Y. 298 T.Y 341 Total 1013
2	BBA	F.Y. 100 S.Y 100 T.Y 50 Total 250	F.Y. 101 S.Y 90 T.Y 49 Total 240
3	M.Com.	F.Y. 50 S.Y 50 Total 100	F.Y 33 S.Y 18 Total 51
4	M.A. in Tourism and Heritage Management	Part I 30 Part II 30 Total 60	Part I 18 Part II 11 Total 29
5	PGDM-Event Management	30	12
6	Six months' Certificate course in Event Management	30	17
7	Integrated Masters of	40	40

	Commerce I MCom		
--	-----------------	--	--

Any new course(s) started:

- 1) Six Months Certificate Course in Event Management
- 2) Coaching for Competitive Exams
- 3) Digital Marketing (IT Dept)
- 4) Equity Research and Portfolio Management
- 5) Event Management
- 6) GST
- 7) Digital Marketing (Comm. Dept)

Faculty strength: 26.

Achievements of the college:

- 1) Institution accredited by NAAC with 'A' Grade (CGPA – 3.30).
- 2) Member of Research cluster for Commerce & Economics
- 3) In keeping with the 'Skill India' Campaign launched by the Hon. Prime Minister Narendra Modi, the 'Dempo Center for Skill Development' was established
- 4) 'Dempo Center for Industry – Institution Collaboration' was set up
- 5) MoU was signed with 'Serendipity Arts Foundation' for volunteer Management and with the 'Navhind Times' for conducting an inter-school spelling competition (Spell Bee).

Conference/Workshops Organized:

State Level: 01

National Level: 01

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN/IS BN	Total
III. Research papers in Journals	04	10	-	14
	Foreign Publisher	Indian Publisher	Local Publisher	
IV. Books/Edited Books	No.	No.	No.	
(c) Research papers In Edited Books	-	-	01	01
(d) Books	-	-	07	07
	International	National	Local	
V. Research papers	04	-	-	04

in Conference Proceedings				
Total	08	10	08	26

Papers presented in Conferences/Seminars/ Workshops:

Abroad: 03 within India: 03 within Goa: 08

Invited Lectures given by the faculty.

Within Goa: 02

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.		
01	Name	Subject	University which awarded degree
	Dr. Prisca Braganza	Commerce	Goa University
	Dr. Vinod Joshua	Commerce	Goa University
	Dr. Sangeeta Chakrabarty	Computer Science	Goa University

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
Cheryl Venan Dias	Best Paper Award in Management Track	RDA (Research Development Authority) Rajasthan
Dr. Amitha Shabhogue	Excellent Paper Award	ISER, Sydney Australia

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	06	04	02	12	02	01	-	03
State	01	03	01	05	-	01	-	01
Inter-University	-	-	01	01	-	01	-	01

National	-	-	02	02	01	-	01	02
International	-	-	-	-	-	-	-	-
Total	07	07	06	20	03	03	01	07

Details of the top 5 Sports Achievements 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
Suman Patil	Swimming (Bronze medals in 50 Mts Butterfly & 50 Mts Freestyle)	Khelo India 9 th -20 th January 2019	Ministry of Youth Affairs & Sports
Shasha Naik	Tennis Ball Cricket (First Place)	29 th Senior National (Women) 22-25 Dec, 2018	Andhra Pradesh Tennis Ball Cricket Association
Chitra Kotkeni	Tennis Ball Cricket (Third Place)	29 th Senior National (Men) 22-25 Dec, 2018	Andhra Pradesh Tennis Ball Cricket Association
Aniketh Chodankar	Tennis Ball Cricket (Third Place)	29 th Senior National (Men) 22-25 Dec, 2018	Andhra Pradesh Tennis Ball Cricket Association

5.5 Carmel College of Arts, Science and Commerce for Women, Nuvem

Year of Establishment: 1964

College Address: Carmel College of Arts Science & Commerce for Women, Nuvem, Salcete - Goa.

Principal's Details:

Name: Dr. (Sr.) M. Aradhana A. C.

Contact No: 08322790959

Email: acaradhana@yahoo.co.uk

College website: www.carmelcollegegoa.org

The NAAC Accreditation Status: Re-Accredited by NAAC with 'A' Grade (3rd Cycle)

Courses offered and sanctioned strength: 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: 932 students

Post-Graduate: 210

Filled Strength: Under-graduate: 839 students

Post-graduate:112

Research Centre

Faculty Strength: Under-graduate: 39 Post-graduate: 09

Achievements of the College:

- Centre for conducting on line examinations
- The College is certified under ISO-9001-2015 certification on 20/03/2017.

Sponsored consultancy work sanctioned during the reporting period:

Honorary consultancy: Dr. Manoj Borkar is the member of Thematic Expert Committee on Marine and Wetland Biodiversity constituted by Goa State Biodiversity Board.

Conference/Workshop organized:

National level: 01 State level: 02

Conferences/workshops organized:

State Level: 02

Seminar

- A one day State Level seminar on "IPR- Emerging Trends, Challenges & Implementation" was organized by IQAC and Department of Chemistry of Carmel College, Nuvem on 3rd October 2018. Eminent speakers from the education sector and Legal organizations shared their knowledge and experiences with the participants and students in their respective sessions. Adv. Shirley Sousa highlighted on the topic "The significance of Copyrights and the issue of Infringement." Dr. Gopakumar V. expressed his views on "Ethics in Academic writing and Plagiarism". He also discussed on the Referencing Styles and explained the ways of writing bibliographical entries. The inputs and feedback during the session served as a good learning experience for conducting research and writing of research articles. The third session on the topic "IP commercialization and its Challenges" was delivered by renowned IP Attorney, Adv. Shalini Menezes, who guided the participants on patents and the methods adopted for its commercialization.

Details of workshops organised:

- Carmel College under the aegis of **Directorate of Sports Authority for Youth Affairs – Goa** through the scheme of '**Implementation of the Goa State Youth Policy 2015**' organized two workshops on the 12th and the 13th of July for the students of the college. 12th of July had Soap making under the expertise of Ms.SulabhaShinde, where the students had the opportunity to have hands - on training to make different soaps using different ingredients to change the properties of soap ,e.g aloe vera, neem, rose petals, multanimiiti etc. 50 students in batches of 5 each had the feel of making their own soap, and each got to carry a small sample away the next day.

On the 13th of July a Fresh Flower Bouquet- making workshop was conducted, where, a batch of another 50 students had the opportunity to make their own Fresh Flower Bouquets. This was done under the expertise of a well-known florist. Each student contributed to making of a lovely garden of Fresh Flower Bouquets, which added a festive touch to the Carmel Campus.

- A two- day Orientation Training programme in Nutrition and Health was organized on 26th and 27th November, 2018 for 30 Anganwadi workers of Integrated Child Development Services Scheme (ICDS), project, Salcete, Goa.. Integrated Child Development Services (ICDS) is a government programme in India which provides food, preschool education, and primary healthcare to children less than 6 years of age and their mothers. Dr. Sr. Aradhana was the chief Guest. She appreciated the organizers of the training programme and extended her support to the department for community development. She said that nutrition plays a very important role in human development and this knowledge can be imparted to mothers through Anganwadi workers as they are mediators at the village level. Mrs.SangitaRane, demonstration Officer and In-Charge of CFNEU, Goa, welcomed the gathering and briefed them about the importance of organizing the training programme. The resource persons were invited from Primary Health Centre, Loutolim, to deliver various talks on importance of exclusive breastfeeding for 6 months, extended breast feeding for two years and complimentary feeding after six months, consequences of malnutrition, management of low birth-weight babies, importance of micronutrients, balanced diet and role of ICDS in Nutrition and Health. This was followed by demonstration of low cost nutritious recipes.
- **A Physics Popularization Programme** was organized by the Department of Physics Carmel College for Women, Nuvem on 28th November 2018 from 10.00am to 1.00 pm at the college auditorium for the students of Carmel College and Higher Secondary School, and neighbouring Institutions. It was a lecture-cum- demonstration on “**Experimental demonstration of concepts in Physics**”.

The resource person for the program was a well-known experimental demonstrator Prof. B DattatreyChakradeo, retired associate Prof. and HOD Physics at CHM College, Ulhasnagar and President, of Marathi VigyanParishadAmbernath, Maharashtra. Prof Chakradev, put across the different Physics concepts like Bernoulli's Principle, Oscillations and multiple collisions, elastic collisions & laws of conservation of energy

and momentum, electro-magnetic induction & eddy currents, reflection and refraction of light and total internal reflection, multiple reflections, Physics of colours, etc. He also exhibited some magic and explained the physics behind every magic.

250 students from Carmel College Nuvem, Carmel HSS Nuvem, Loyola HSS Margao, Fr. Agnel HSS and Verna Chowgule College, Margao, attended this 3 hour long program along with their accompanying teachers. He was assisted by two students Mr.YashBharambe and Mr. Harsh Gurav, both from Ambernath, Maharashtra.

- A workshop on the basics of screenplay writing was conducted by Naveen Gupta, AIR, New Delhi, on 14th December 2018. The 3-hour workshop which saw the participation of over 75 students, and staff, dealt with story, elements of screenplay writing, character delineation, the notion of the hero, and a comparison between Hollywood and Bollywood. The presentation was replete with anecdotes from the film industry. Mr Gupta screened and analyzed clips from *Sholay*, *Deewar*, *Fugitive*, and *Good Will Hunting*. Mr. Gupta was felicitated by the Principal, Dr. Sr. Aradhana A.C. and the staff of the Department of English who helmed the event.
- The Department of Political Science organized a **workshop on Documentary making** on 9th January 2019. Mr.RamprasadAdpaikar and Mr.MayurBalve were the resource persons. The workshop was divided into two parts. First part focused on understanding of a Documentary through various aspects like subject matter, target audience, purpose, scope and the types of documentaries.

The second half of the session was an introduction to the technical aspect involved in a making of a documentary. This session gave students the brief understanding of manpower required for the documentary making project, the various camera angles, different types of shots involved in a shooting, selection of scene and various editing apps and techniques related to it.

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
VI. Research papers in Journals	01			
	Foreign Publisher	Indian Publisher	Local Publisher	
(e) Books	01	01	09	
	International	National	Local	
VII. Research papers in Conference Proceedings	03	11		

Total				
-------	--	--	--	--

Papers presented in Conferences/Seminars/Workshops:

Abroad: 08 within India: 17 within Goa: 06

Invited Lectures given by the faculty.

Abroad: 03 within India: 01 within Goa: 02

No. of Teachers pursuing Ph.D.: 03

Awards/Honours:

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. Sr. Aradhana A.C.	International excellence award	International Multi-Disciplinary Research Foundation
Mr. Rajendra	Teachers Day Award (teacher par excellence)	IAM Institute of Hotel Management
Dr. Brian Mendonca	Certificate of excellence in recognition of outstanding contribution in the field of education	Rotary Club of Margao Midtown

Sports Achievements:

Levels of competition	Individual Event			Team Event			Total
	First Place	Second place	Third Place	First Place	Second place	Third Place	
Inter-Collegiate	-	-	-	02	-	-	02
Total	-	-	-	02	-	-	02

Details of the Sports Achievements of National and International level only.

Name of the Student	Name of the event in which participated	Name of the Tournaments/sports event with date	Name of the Organizer

i) Fernandes Velanie	Women's National Football Championship/ West Zone Inter-University Football Championship	Football (18/09/2018 to 01/10/2018) Football (29/12/2018 to 02/01/2019)	
ii) Patil Akshata Krishna	Women's National Football Championship	Football (18/09/2018 to 01/10/2018)	
iii) D'Souza Vailanka	-do-	-do-	
iv) Tavares Alisha	-do-	-do-	
i) Vas Avia Jean	West Zone Inter-University Football Championship	Football (29/12/2018 to 02/01/2019)	
i) Dishna Dilip Kumar	West Zone Inter-University Football Championship	Football (29/12/2018 to 02/01/2019)	

Awards/Honours and Special Achievements:

- Mr. Audhoot Satardekar for co-authoring the book "Income Tax & Goods & Service Tax" for TYBCom Sem. V
- Dr. Manoj R. Borkar for being the Lead Author of the book on 'Environmental Studies' for First year students
- Ms. Sajani D'Costa for co-authoring the book "Entrepreneurship Development" for SYBCom Sem. III
- Dr. Brian Mendonca for being awarded a certificate of Excellence by the Rotary Club of Margao Midtown
- Mr. Rajendra for having been conferred the "Teachers' Day Award" by the Institute of Advanced Management, Verna.
- Ms. Flossy Rodrigues of T.Y. B.Sc. Botany secured the first rank at the University examinations.
- Ms. Sasha Viegas of T.Y. B.Sc. Zoology also secured the first rank at the University examinations.

5.6 M. E. S. College of Arts & Commerce, Zuarinagar

Year of Establishment: 1972.

College Address: Zuarinagar-Goa, 403726

Principal's Details:

Name: Dr. R. B. Patil

Contact No: 2556010

Email: mescollege1@rediffmail.com, mescollege1@gmail.com,
prin.mes@unigoa.ac.in

Website: www.mescollege.org

The NAAC accreditation Status

Whether accredited: Accredited by NAAC Score and Grade: B Grade With 2.47 CGPA
Round of accreditation: 3rd cycle

Courses offered and sanctioned strength:

- B.A. - Sanctioned – 420; Filled -415,
- B.Com. - Sanctioned –780; Filled -775
- BBA - Sanctioned -120; Filled -128,
- BBA in Shipping and Logistics – Sanctioned – 90; Filled - 57
- BCA - Sanctioned -240; Filled -139,
- M.Com – Sanctioned – 60; Filled – 37
- M.A. – Sanctioned – 60; Filled – 07

Research Centre:

Department of Sociology- Sanctioned - 08; Filled -01

Department of Economics -Sanctioned - 08; Filled -01

Faculty strength: 39.

Achievements of the College:

- **Semester VI Results April 2019**

B.A.	70.94%
B.COM.	70.41%
B.B.A. (General)	97.5%
B.B.A. (Shipping& Logistics)	100%
B.C.A.	94.64%

M.A.	100%
M.COM.	100%

- MES College was ranked 67th among the Arts Colleges, 110 among the commerce Colleges and 73 among the BCA Colleges in India by the India TodayMDRA Survey 2018-19.
- M.E.S. College was awarded A+ grade by Goa University under the SwachhatamMahavidyalayaSamman for the academic year 2018-19.
- M.E.S. College is one among 292 non-technical institutions in India selected in phase II under the Unnat Bharat Abhiyan. The College has adopted 5 villages to implement the programmes of Unnat Bharat Abhiyan.

Conferences/Workshops Organized:

State Level: 03

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	-	20	10	30
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	-	-	-	-
(f) Research papers In Edited Books	-	-	01	01
(g) Books	-	-	01	01
	International	National	Local	
VIII. Research papers in Conference Proceedings	03	01	-	04
Total	03	21	12	36

Papers presented in Conferences/Seminars/Workshops:

Abroad: 01 within India: 15 within Goa: 04

Invited Lectures given by the faculty

Abroad: 01

within Goa: 05

Teachers who obtained research degree during the year: Ph.D.:01

No. of Teachers pursuing Ph.D: 18

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	01	05	11	17	03	05	01	09
State	07	01	05	13	01	01	-	02
Inter-University	-	-	-	-	-	01	-	-
National	-	-	-	-	-	-	-	-
International	-	01	-	-	-	-	-	-
Total	08	07	16	30	04	07	01	11

Details of the Sports Achievement 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
Madhukar Ghogale	Karate-individual Kata	International Level Combat Martial arts open Karate Championship 2018	Combat Martial arts Association -India	2 nd Place
Flagan Rodrigues	Football	All India University Championship 22.12.2018 - 29.12.2019	Mumbai University	4 th Place
Suresh Lamani	Football	All India University Championship	Mumbai University	4 th Place

5.7 V V M's Shree Damodar College of Commerce & Economics, Margao.

Year of Establishment: 1973

College Address: Shree Damodar Educational Complex, G. R. Kare Road, Tansor, Comba, Margao-Goa, 403 601

Principal's Details:**Name:** Dr. (Mrs.) Prita D. Mallya.**Contact No :** (0832) 2722501, 2722500, 2722511**Email:** principal.sdcc@vvm.edu.in**College Website:** www.damodarcollege.edu.in**The NAAC accreditation Status:****Whether accredited:** Yes**Score and Grade:** CGPA of 2.81 on a 4 point scale and B Grade**Round of accreditation:** 3rd cycle**Courses offered, sanctioned and filled strength:****1. Courses offered, sanctioned and filled strength:**

1. Bachelor of Commerce (B.COM)	768	759
2. Bachelor of Computer Application (BCA)	240	180
3. Bachelor of Business Administration-Fin.Serv.(BBA-FS)	40	229
4. Master of Commerce (M.COM)	80	62

Research Centre, If any - Yes**Registered for Ph.D**

1. Commerce	10
2. Economics	02
3. Management	04

Faculty Strength: 21**Conferences / Workshops Organized by the College:**

State Level: 04 National Level: 01 International Level: 01

Details of International Conferences/Workshops organized:**Title of the Conference:** International Conference on Management, Commerce, Law, Banking, Social Sciences and Environment on 17th August 2018. No. of participants from abroad was 14 nos. The expenditure was incurred from self financed programmes**Papers presented in Conferences/Seminars/Workshops:**

Abroad: 06 within India: 01

No. of teachers who obtained research degree during the year:**PhD:** 01 **Name:** Dr. Maithili S. Naik - Commerce - Goa University

No. of Teachers pursuing Ph.D: 05

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	--	--	--	4	2	2	8
State	2	1	1	4	--	--	--	--
Inter-University	--	--	--	--	--	1	1	2
National	1	1	--	2	--	1	2	3
Total	3	2	1	6	4	4	5	13

Details of the top 5 Sports Achievements, 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
Bharati Prasad	Individual Kata	Shobukai's 9 th Open National Karate Championship & Premier League 2018	KARATEDO Shobukai Nihon Shito-RYU Karate Federation India	1 st Place
Tejan Fallary	Badminton Senior	Yonex Sunrise West Zone Inter State Badminton Championship 2018 held a Bilaspur (C.G.) from 8 th Oct. to 11 th Oct. 2018	Bilaspur district Badminton Association under the Aegis of Chattisgarh Badminton Association	3 rd Place
Yash Kunkolienkar	Badminton Senior	Yonex Sunrise West Zone Inter State Badminton Championship 2018 held a Bilaspur (C.G.) from 8 th Oct. to 11 th Oct. 2018	Bilaspur district Badminton Association under the Aegis of Chattisgarh Badminton Association	3 rd Place
Emilia Silveira	Badminton	Yonex Sunrise West Zone	Bilaspur	2 nd

	Women's Double	Inter State Badminton Championship 2018 held at Bilaspur (C.G.) from 8 th Oct. to 11 th Oct. 2018	district Badminton Association under the Aegis of Chattisgarh Badminton Association	Place
Ravi Das	(LOBA) SQAY	19 th Junior and Senior Sqay National Championship 2018-19 (boys & girls) held at Panchkula (Haryana) from 25 th January 2019 to 27 th January 2019	Sqay Association of Haryana under the Aegis of Sqay Federation of India	2 nd Place

5.8 D M's Anand R. Sirsat College of Arts Sou. Sheela Premanand Vaidya College of Science and V. N. S. Bandekar College of Commerce, Assagao

Year of Establishment: 1974

College Address: Dnyanprassarak Mandal's College & Research Centre, Assagao, Bardez – Goa. 403 507.

Principal's Details:

Name: Dr. D. B. Arolkar

Contact: (0832) 2268683/ (0832) 2268488

Email: dbarolkar@rediffmail.com

College Website: www.dmscollege.ac.in

The NAAC accreditation status: Accredited: Yes, Score: 3.02, Grade: A
Accreditation round: 3 rd Cycle

Courses offered and sanctioned strength:

Courses offered	Sanctioned strength	Filled strength
B.A.	120	131
B.Sc. (Computer Sc.)	20	15
(Electronics)	20	12
(Chemistry)	60	71
B.COM.	300	310
BBA	60	51
BCA	60	45

M. COM.	50	27
M. Sc. (Pharm. Chem.)	30	30
M.Sc. (Organic Chemistry)	30	20
Ph.D. Commerce	11	11
Ph.D. Chemistry	02	02

Faculty strength: 6

Achievements of the College:

- Our college has been awarded A+ grade by Goa University for being one of the Cleanest Colleges of Goa under Swatchatam Mahavidyalaya Competition.
- College is placed among the 100 Best Commerce Colleges in India by India Today Surveywherein
 - BCA Course is ranked 70th among Computer Applications Colleges of India by Times of India.
 - B.Sc. Course is ranked 85th among Science Colleges of India by Times of India.
 - B.A. Course is ranked 88th among Arts Colleges of India by Times of India.
 - B.Com. Course is ranked 89th among Commerce Colleges of India by Times of India.
 - B.B.A. Course is ranked 25th among Private Colleges of India by Times of India and 30th Overall by Times of India.
- Our college won 2 nd places at the 'Students Parliament Competition 2019.

Conferences/Workshops organized:

State level: 07

National levels: 02

Publications:

Publications*	Cat- I	Cat - II	Cat -III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	40	0	0	40
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/ Edited Books				
a. Research papers in Edited books	---	---	---	
b. Books	0	2	0	2
	International	National	Local	
Research papers in Conference Proceedings	2	15	1	18
Total	42	17	1	60

Papers presented in Conferences/Seminars/Workshops:

	Abroad	Within India	Within Goa
Seminars	2	4	1

Invited Lectures given by the faculty.

Within India: 04

Within Goa: 09

Teachers who obtained research degree during the year: 04

- 1) Dr. Dhaneesh Kumar T. K., Economics, Goa University
- 2) Dr. Naresh Shirodkar, Economics, Gokhale Institute of Politics and Economics
- 3) Dr. Suchita Golatkar, Mathematics, Goa University
- 4) Dr. Narayan Vetrekar, Electronics, Goa University

No. of Teachers pursuing Ph.D.: 09 teachers**Sports Achievements:**

Levels of Competition	Individual Event			Total	Team Event			Total
	First Place	Second Place	Third Place		First Place	Second Place	Third Place	
Inter-Collegiate	5	7	2	14	--	--	--	--
State	1	3	2	6	--	--	--	--
Inter-University	--	1	--	1	--	2	--	2
National	1	2	--	3	--	--	--	--
International	--	--	--	--	--	--	--	--
Total	7	13	4	24	0	2	0	2

Details of the top 5 Sports Achievements, if any:

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 Organiser	Place won 1 st /2 nd /3 rd
Ganesh Pujar	Football	West Zone inter-University Football Championship	Mumbai University	II
Shreya Parab	Cricket	West Zone inter-University Cricket Championship	Barkatulla University	
Shubham Jha	Cricket	West Zone inter-University Cricket Championship	Barkatulla University	

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

- 1) Dr. Suchita Golatkar, Head Department of Mathematics presented a paper at the 'International Integers Conference 2018' at Augusta University, Georgia, USA
- 2) Dr. Aparna Lolayekar, Head, Department of Economics, presented a paper at the Spatial Econometric Conference on 'Regional Income Convergence and Spatial Dependence' at Webster University, Vienna, Austria.
- 3) Dr. Jayaprakash, the College Librarian's book titled 'Use and Impact of Internet on Health Professionals in Goa State' was published by Lambert Academic Publisher, Germany. He is also appointed as an Editorial member of American Journal of Information Science and Technology, New York.
- 4) A book titled 'Floating Drug Delivery System' by Ms. Prabhat Dessai, Assistant Professor, and Post Graduate Department of Chemistry was published by Scholars' Press, Latvia, U.K.

Any other special achievement

Cadet Krishna Pujar of NCC Army Wing and Cadet Keshav Kumar Thakur represented the Goa and Karnataka Directorate at the Republic Day Parade 2018. Cadet Keshav Kumar Thakur created history for being the first cadet from Goa to be appointed as the Platoon Commander to lead the Navy Platoon comprising cadets of different directorates from all over India at Republic Day Parade, 2019 at New Delhi.

5.9 Goa Vidyaprasarak Mandal's College of Commerce and Economics, Ponda.

Year of Establishment: 1986

College Address: GVM's Gopal Govind Poy Raiturcar College of Commerce & Economics,

Farmagudi, Ponda – Goa. 403401

Principal's details:

Name: Shri. Pravin M. Bhende

Contact No.: 9822127625

Email: pmbhende@gmail.com

College website: www.gvmcommercecollege.com

Courses offered, sanctioned & filled strength:

B.Com - sanctioned -720; filled - 716

B.C.A. (self financed) – sanctioned -120; filled - 80

M.COM (self financed) - sanctioned -80; filled - 36

Faculty strength: 25

Conferences/workshops organized:

State Level: 01

Publications: (Only Publications in ISSN/ISBN journals/books)

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
IX. Research papers in Journals	<i>Nos. only</i>	<i>Nos. only-06</i>	<i>Nos. only 01</i>	07
Total	--	06	01	07

Papers presented in Conferences/Seminars/Workshops:

Within Goa: 04

Invited Lectures given by the faculty.

Within India: 01 within Goa: 01

Teachers who obtained research degree during the year: 02

1. Ms. Raina Pinto – Commerce – Goa University
2. Mrs. Smita Sanzgiri – Commerce – Goa University

No. of Teachers pursuing Ph.D: 03**Sports Achievements:**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	4	1	---	5	1	---	---	1
State	2	1	2	5	---	---	---	---
National	---	1	---	1	---	1	3	4
Total	6	3	2	11	1	1	3	5

Details of the top 5 Sports Achievements:

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
Anar Singbal	Badminton	West Zone Badminton @Chattisgarh from 7 th to 11 th October 2018	State Association	2 nd / 3 rd
Nikita Gaude	Softball	Nationals @Goa 16 th to 18 th Nov.18	Softball Association	3 rd
Sahil Naik	Due Ball	Junior National @ Udaipur from 12 th to 14 th October 2018	Due Ball Association	3 rd

5.10 P. E. S.'s Shri Ravi S. Naik College of Arts & Science, Ponda

Year of Establishment: 1986.

College Address: P. E. S. SRSN College of Arts & Science, Farmagudi, Ponda-Goa.

Principals Details:

Name: Dr. Vikas J. Pissurlekar

Contact No. : 8329464616

Email: prin.pes@unigoa.ac.in

College Website: <http://www.pescollege.in>

The NAAC accreditation Status: 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	198	197
	S.Y.B.A	198	162
	T.Y.B.A	198	156
B.Sc	F.Y.B.Sc	240	239
	S.Y.B.Sc	240	223
	T.Y.B.Sc	240	216
M.Sc	PART I	30	30

	PART II	30	30
--	---------	----	----

Faculty strength: 48

Contract Basis: 20

Achievements of the College:

- NIRF Ranking 2018: Ranked in 101-150 Rank Band
Only college in Goa to be ranked in the same Rank Band for two consecutive years.
- Signed an MOU with Marathi Shikshak Sangh of Shivaji University Kolhapur.
- Signed an MOU with Centre for Incubation and Business Acceration (CIBA)

Sponsored Research Projects sanctioned between June 2018 and May 2019.

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.Pritam Borkar Patil Dr.Rasika Gaonkar(Co.PI)	Fabrication of Photocatalysts	2019	DSTE	500000	Ongoing
3.	Dr.Kiran Naik	Hydrothermal synthesis of bio-ceramics	2019	DSTE	750000	Ongoing
4.	Dr.Sunita Borkar	Investigation on Alkaliphilic and Halophilic Bacteria from Coastal Ecosystems of Goa as producers of Plant Growth Regulators	2019	Directorate of Higher Education. Govt of Goa	500000	Ongoing
5.	Dr.Flory Pereira Dr.Teja Savoikar (Co-PI)	Screening for Plastic Associated microorganism showing	2019	Directorate of higher education , Govt of Goa	500000	Ongoing

	Mr. Anchit Shet Parker (Co-PI)	potential for plastic degradation				
--	--------------------------------	-----------------------------------	--	--	--	--

Conferences/ Wokshops organize:

State level – 2 National Level: - 1

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
X. Research papers in Journals : 44	3	18	27	45
	Foreign Publisher	Indian Publisher	Local Publisher	
(b) Books: 2	Nil	Nil	Nil	2
	International Nil	National 1	Local 1	
XI. Research papers in Conference Proceedings	20	9	1	30
Total				

Papers presented in Conferences/Seminars/Workshops:

Abroad: 06 within India: 14 within Goa: 28

Invited Lectures given by the faculty:

Within Goa: 04

No. of teachers who obtained research degree during the year: Ph. D.:04

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 recognised and reputed agencies), Date of award
Dr.Ranjita U. Sawaikar	Best Lecture Award	By IWWA in the 51 st Convention from 18 th to 20 th Jan 2019
Dr Baddrudin	Best paper award	ASEAN Study Centre,Bangkok

Dr. Pritam Patil	Best paper award	(NEA-2019), Dhempe College of Arts and Science, Miramar – Goa
Shri.Domnic Savio Dias	Best paper award	(NEA-2019), Dhempe College of Arts and Science, Miramar – Goa

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	4	2	2	8	Nil	Nil	Nil	Nil
National	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil
Total	4	2	3	8	Nil	Nil	Nil	Nil

Details of the top 5 Sports Achievements:

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.Sagar S. Bhonsle	Weight Lifting	Weight Lifting Championship	Goa University	1 st
Ms. Shubali Gaonkar	Judo	Judo championship	Goa University	1 st
Ms. Anandi Reddi	Judo	Judo championship	Goa University	1 st
Ms. Saish Savoikar	Taekwando	Taekwando championship	Goa University	1 st
Ms. Yasmeen Shaikh	Judo	Judo Championship	Goa University	2 nd
Ms. Kachavi Khalida	Taekwando	Taekwando Championship	Goa University	2 nd
Ms. Nita Kolpate	Judo	Judo championship	Goa University	3 rd
Ms. Megashri Gaonkar	Judo	Judo championship	Goa University	3 rd
Ms. Yasmeen Shaikh	Ahtletics	West Zone National championship	M.P	3 rd

5.11 Cuncolim Educational Society's College of Arts and Commerce, Cuncolim

Year of Establishment: 1987

College Address: Cuncolim, Salcete Goa 403 703.

Principal's Details:

Name: Dr. Sanjay P. Sawant Dessai

Contact No.: 2865210/9765569757

Email: cescac21@yahoo.co.in

Website: www.cescollege.ac.in

Course offered & Sanctioned and filled strength:

B. A. - Sanctioned 360, filled 329 Students

B.COM. - Sanctioned 360, filled 226 Students

Research Centre, if any: Yes

No of candidate, subject wise, Registered for Ph.D under the Research Center:
02(Commerce)

Faculty strength: 19

Achievements of the College: Result: T.Y.B.A. - 71.08 %, T.Y.B.COM. - 69.41 %

Conferences/workshops organized: National 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	---	---	28	28
	International	National	Local	
III Research papers in Conference Proceedings	----	06	----	06
Total		06	28	34

Paper presented in Conferences/Seminars/workshops:

Within India: 18

within Goa: 02

Invited Lectures given by the faculty:

Within India: 07

within Goa: 05

Sports achievements:

Levels of Competition				Individual Event	Team event			Total
	First Place	Second Place	Total		First Place	Second Place	Third Place	
Inter-collegiate	---	---	02	02	01	01	---	---
State	---	---		---	---	---	---	---
Inter-University	---	---	07	---	---	---	---	---
National	---	---	06	---	---	---	---	---
International	---	---		---	---	---	---	---
Total	---	---	15	02	01	01	---	19

5.12 Government College of Arts, Science and Commerce, Sanquelim**Year of Establishment:** June 1988**College Address:** Govt. College of Arts, Science and Commerce, Sanquelim-Goa.**Principal's Details:****Name:** Gervasio S.F.L. Mendes (Principal)**Contact No:** Ph. No. (0832) 2364271**Email:** gcascs@gmail.in**College Website:** www.gcascs.ac.in**The NAAC accreditation Status:** Score-2nd, Grade- A (3.17), Accreditation round- 2017, Period-12/09/2017 to 11/09/2022**Courses offered and sanctioned strength:**

Faculty	Class	Strength (total)
Arts (Bachelor of Arts)	F.Y.B.A.(5 Divisions)	294
	S.Y.B.A.(3 Divisions)	176
	T.Y.B.A.(1 Division)	203

	In each subject	
Science (Bachelor of Science)	F.Y.B.Sc.(2 Division)	190
	S.Y.B.Sc.(2 Division)	113
	T.Y.B.Sc.(1 Division)	131
Commerce (Bachelor of Commerce)	F.Y.B.Com.(3 Divisions)	153
	S.Y.B.Com.(1 Divisions)	72
	T.Y.B.Com.(2 Division)	174

Any new course(s) started: 6 Units Mathematics, 6 Units Hindi, PG Mathematics, PG Hindi and PG Economics

Faculty strength: 41.

Achievements of the College: Re-accredited by NAAC with 'A' Grade (CGPA3.17/4.00)
Recognition as Research Centre for Ph.D. Economics.

Conferences/Workshops organized:

National Level: 1

State Level: 17

Publications

Publications*	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recongnized	ISSN	Total
Research papers in journals	11	1	-	12
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	-	1	-	1
(a) Research Papers in Edited Books		1	3	4
	International	National	Local	
III. Research papers in Conference Proceedings		1	1	2
Total	11	4	4	19

Papers presented-in Conferences/Seminars /Workshops:

Within Goa: 17

Invited Lectures given by the faculty:

Within India: 01

within Goa: 03

No. of teachers who obtained research degree during the year: Ph.D.: 01

Awards/Honours:

Name of the faculty member	Title of the Awards/Honours	Name of the Agency/ Institution sponsoring the award
Dr. Vanita Patil	Ph.D awarded by Goa University	Goa University
Mr. Sameer Fatte Librarian	Goa State Best Library Award	Directorate of Art & Culture, Govt. of Goa.

Sports Achievements:

Level of Competition	Individual Event				Team Event			
	First Place	Second Place	Third place	Total	First Place	Second Place	Third place	Total
Intercollegiate	-	2	5	7	4	1	3	8
State	1	1	2		2	-	-	
National	-	-	-	-	1	-	1	2
Total	1	3	7	7	7	1	4	10

Details of the Sports Achievements at National and International Level only

Sr. No	Name of the Student	Name of the event in which participated	Name of the tournament/event with date	Name of the organizer
01.	Sailee Dhuri (Winner)	Softball	Goa State Softball Championship	Goa State Softball Association
02.	Ijaz Khan (Gold) Brijesh Gad (Silver) Gautam Gad (Bronze) Paramjeet Kumar (-do)	Judo	Goa State Judo Championship	Goa State Judo Association
03.	Harshad Gaonkar & Mohammad Hassan Khan (4 th Rank & Winners)	Football	All India & West Zone	Football Mumbai University
04.	Gautam Gad Balakrishna Desai Digambar Rane (Third Place)	Tug-of-War	30 th Senior National Championship, Punjab	Tug-of-War Association, Punjab
05.	Khazima Shaikh (First Place)	Throwball	State Level Championship	Amateur Throwball Association

Special Sports Achievements:

Sant Sohrobanath Ambiyee Government College of Arts and Commerce had organized Intercollegiate Volleyball Tournament for Men in which our College secured 1st place and also secured 1st place at Intercollegiate Volleyball Tournament organised by Don Bosco College, Panaji.

Dhempe College had organized a Sports event EBULLIENCE in which the College won 1st place.

5.13 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, Offg. Principal

ContactNo. 2227603, 2425254

Email: Principalgchs@rediffmail

Website: www.goahomescience.gov.in

Course offered, Sanctioned strength, filled strength :

Courses offered: Food, Nutrition & Dietetics, Textiles & Clothing, and Human Development.

Sanctioned strength: 60 Filled strength: 50

Faculty strength: 06

Achievements of the College;**a. Good Academic Performance**

We achieved 100% results at the T.Y.B.Sc. examination in all three specializations - *Textiles & Clothing, Human Development, and Food, Nutrition & Dietetics*. Out of a total of 23 students that appeared for the examinations, 10 received Distinction and 11 obtained First Class.

b. Youth Exchange Programmes

Four students from Nihon University, Japan, visited the Goa College of Home Science for nine days, as a part of the Study India Programme (SIP) organized by Goa University, in February 2018. The departments of the College put together myriad

practical, hands-on activities for the Japanese students on Goan Culture and Heritage. The topics covered this year were: Goan Handicrafts, Goan Savouries and Sweets, Preparation of Goan Lunch Thali, Traditional Indian Textiles, Shell Craft of Goa, Tie and Dye Techniques of Textile Coloration, Natural Dyes from Goan Flora, Weaving of Kunbi Sarees, Quilting, Goan Spices and their Nutritional Values, Wedding Ceremonies in India/Goa, and Traditional Goan Dance Forms.

c. State Level Workshops And Seminars

- In collaboration with CFNEU, Goa region, a State level Workshop on the theme “Optimal Infant and Young Child Feeding Practices: Better Child Health” was organized on Friday, 1st September 2017.
- Periodic training programmes on “Malnutrition, Anemia and Alcoholism” were organized for the ICDS beneficiaries of Tiswadi taluka on the vital issues of nutritional deficiency and its prevention and management as per the MOU with Goa Institute of Public Administration and Rural Development (GIPARD) on 4th and 8th August 2017, 6th and 7th September 2017, and 1st December 2017.

d. National Seminar 2016

A 2 day Workshop on Android Botix was organized on the 29th and 30th of November, 2017 as part of National Workshop Series (NWS) by Innovation Cell IIT Bombay and Robokart.com.

e. International Conference

The 4th International Conference on Stress Management (ICSM 2017) with the theme “Stress Safety Net for Organizational Excellence” was organized in collaboration with International Stress Management Association (ISMAIND) and the Goa Psychology Association (GPA) with kind support from the Rotary Club of Panaji Riviera on the 3rd and 4th of November 2017 at Hotel Mandovi, Panaji, Goa.

f. Consultation/Projects Undertaken

1. Nestle Healthy Kids Programme :

Goa College of Home Science has signed an MOU with Nestle India Ltd. to implement an Interactive Programme aimed at creating Nutrition and Health Awareness among Adolescents, in the age groups 13 to 17 years. Through this programme, students from various schools in Goa are made aware about importance of healthy eating habits and physical activity in their lives. This academic year, a total of 31 schools

across Goa were covered under the program and the program reached out to a total of 5029 students this year.

2. Training Programmes In Collaboration With Gipard :

Goa Institute of Public Administration and Rural Development (GIPARD) and Goa College of Home Science have signed a MOU for organizing various training programmes. Accordingly, training programmes on “Malnutrition, Anemia and Alcoholism” were organized for the ICDS beneficiaries of Tiswadi taluka on various occasions during 2017-18. The objective was to create awareness on the vital issues of nutritional deficiency and its prevention and management. Training programmes were held on 4th and 8th August 2017, 6th and 7th September 2017, and 1st December 2017. A total of 180 ICDS functionaries attended the training programmes. The topics deliberated included Nutrition for healthy living, Consequences of Malnutrition and its management, Causes and Prevention of Nutritional Anemia, Effects of Alcoholism and its Treatment and Prevention.

3. Handloom Weaving Centre :

The Handloom Weaving and Training Centre at the Goa College of Home Science was set up under the patronage of Wendell Rodricks, Fashion Designer of International Repute, in 2012, with the objective of reviving Kunbi articles. One of the objectives of the Handloom Weaving and Training Centre is to work in collaboration with other Institutions established for the development of handloom Textile and fashion industry. In keeping with this objective, we tied up with KAITHARI SPOORTHY GROUP for sourcing revived saree and two varieties of authenticated Kunbi saree. Associated piece works such as hand bobbin winding, hand pirn winding and hand warping works were finalized from Interior Karnataka. The whole project of weaving Kunbi sarees in association with Kaithari was undertaken with the aim of popularizing the Goan Kunbi saree.

g. New Initiatives

1. Course In Cosmetology :

A 15 day Certificate Course in Cosmetology was organized by Goa College of Home Science - Campal, Panaji from 15th January to 7th February 2018. The course instructor was Hairstylist and Makeup Artist Iona Lopes. During the 30 hour course duration, content like basic haircuts, temporary perming, hair color, head massage, makeup, facials, manicure/ pedicure, personal hygiene, customer care, selling skills

and client communications were taught to the participants. The participants were awarded certificates on successful completion of the course.

2. Wine Making Workshop :

The Women's Wing of Goa Chamber of Commerce and Industry took an initiative of organizing a wine making workshop in collaboration with the Goa College of Home Science, with an aim of nurturing one's skill and to encourage entrepreneurship. Prof. Arina Frank from St. Xavier's College was the resource person. She demonstrated how to make wine from Black Currant, green grapes and Amla.

Conferences/Workshops organized:

State Level: 2 National Level: 1 International Level: 1

Details of International Conferences/Workshops organized

International Conference on Stress Management

More than 200 psychologists from 40 universities, from 18 states of India, and 6 countries registered for the 4th International Conference on Stress Management (ICSM 2017) held on the 3rd and 4th of November 2017 at Hotel Mandovi, Panaji, Goa. Our collaborators for the conference were the International Stress Management Association (ISMA^{IND}), Goa Psychology Association (GPA), and the Rotary Club of Panaji Riviera. The theme of the ICSM 2017 conference was "Stress Safety Net for Organizational Excellence".

Dr. N. Saibaba, Scientific Advisor to Chairman, Department of Atomic Energy, Government Of India was Chief Guest at the inaugural function, while Mr. Yogish Dempo, President, Rotary Club of Panaji Riviera was Guest of Honour. This occasion witnessed the presentation of International Council of Stress Management Professionals (ICSMP) Awards and National Stress Management Awards for organizations and professionals. The PVRK Prasad Memorial Award was conferred upon Dr. N. Saibaba.

Conference delegates included International and National practitioners of psychology, health care professionals, and academicians from various universities, as also executives from the Industry, Education and Health sectors. Researchers presented 103 papers that identified stressors encountered, analyzed coping mechanisms used, and discussed techniques of managing stress and espousing a healthy life style.

The Conference Chair was Dr. B. Udaya K. Reddy, President of the International Stress Management Association, India Chapter. The Co-Chairs were Ms. Amita Quenim and Dr. Mahesh Pai, President and Secretary respectively, of the Goa Psychology Association.

Dr. Michelle Tuckey, Associate Professor of Psychology at the University of South Australia presented the Key Note Address on "Psychosocial Factors at Workplace". A plenary session on "Stress reduction and inoculation" was conducted by Dr. Peter Devenish-Mearns Human Resilience Consultant, Chaplain and Researcher from Australia. A plenary session on "Stress Safety Net for Organizational Excellence" was conducted by Dr. B. Udaya K. Reddy, President of the International Stress Management Association, India Chapter.

Three panel discussions were held on the topics “Impact of Stress on Student behavior and performance”, “Prudent Stress Coping Strategies for Women”, and “Scope of Stress Management Lab in Organized Sector- opportunities and Issues”.

Two pre-conference workshops were also organized on “Cognitive Behavior Therapy for Stress Counselling” and “Stress Safety Net Implementation for Agile Workforce” for HR professionals and business leaders on 2nd November 2017.

Feedback received from participants indicated that the conference enabled them to learn how to successfully manage stress by changing the way one responds to stress, making time for relaxation, and learning healthier coping strategies.

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	-	-	2	
	Foreign Publisher	Indian Publisher	Local Publisher	
(a) Research papers In Edited Books	-	-	2	
(b) Books	-	-	-	
	International	National	Local	
III. Research papers in Conference Proceedings	-	-	1	
Total				

Papers presented in Conferences / Seminars / Workshops:-

Within India: 03

within Goa: 01

Invited Lectures given by the faculty.

Within India: 01

within Goa: 03

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. Daisy John,	1. Bharat Vidya Ratan	1. Indian Solidarity Council, New

Associate Professor	Award 2. Arch of International Education Excellence Award	Delhi on 28 th August 2018. 2. International Seminar on Individual Contribution for International Integration and World Peace, on 24 th November 2018.
---------------------	--	---

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

The Goa College of Home Science achieved 100% results at the T.Y.B.Sc. Examination in all three specializations - *Textiles & Clothing*, *Human Development*, and *Food, Nutrition & Dietetics*. Out of a total of 23 students that appeared for the examinations, 10 received Distinction, 2 received Second Class and 11 obtained First Class

5.14 Government College of Arts, Science & Commerce, Khandola

Year of Establishment: June 1989.

College Address: Govt. College of Arts, Science & Commerce, Khandola, Marcela, Goa.

Principal's details:

Name: Dr. Purnakala V. Samant

Contact No.:9326142001

Email: gcasck@rediffmail.com

Website: www.khandolacollege.edu.in

The NAAC accreditation Status :

Whether accredited: Yes

Score and Grade: NAAC Accredited with 'A' Grade CGPA of 3.01 score

Round of accreditation : Cycle 2

Courses offered and sanctioned strength:

- B. A. – Sanctioned strength-60 & filled strength-154,
- B.Sc. Sanctioned strength-80 & filled strength-145,
- B. Com. Sanctioned strength-120 & filled strength-126.
- M.Sc.(Chemistry) Sanctioned strength-30 & filled strength-30,
- M.com. Sanctioned strength-40 & filled strength-38,
- M.A.(Geography) Sanctioned strength-30 & filled strength-22,

Research Centre, if any: Yes, in Chemistry

No. of Candidates	Subjectwise	Registered for PhD under Research Centre
4	Chemistry	Cluster Research Centre

Any New Courses Stared: MA Geography (Part I)

Faculty strength: 70

Achievements of the college:

- (a) NIRF Rank Band: 101-150 (b) IIC, MHRD : 1 Star
- MOU with Sophia women college, Ajmer, Rajasthan, MOU for cluster research centre in chemistry & Geography as lead college and partners in commerce economics and Konkani.
- Started research in chemistry
- Introduced new programme M.A.(PG) Geography and Diploma in Sanskrit Language was introduced in the interest of benefit for community
- Expenditure for special grants, library, equipments, Laboratories, seminar etc. is ...Rs. 4,16,90,184/-

Conferences/ Workshops Organized (Nos. only):-

National Level: 06 State level: 01 Local Level: 16

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in journals	03	17	01	21
(a) Books	Nil	Nil	03	03
	International	National	Local	
II. Research papers in Conference Proceedings	01	Nil	Nil	01
Total				

Papers presented in Conferences / Seminars / Workshops:-

International Level: 08 National Level: 56 State Level: 02

Invited lectures given by the faculty:

Within Goa: 02

No. of teachers who obtained research degree during the year: Ph.D. – 05

No. of teachers pursuing PhD: 5

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. Purnakala Samant	Best Paper Award (Oral) at the international conference on modern trends in chemical sciences.	27 th to 29 th December, 2018 at SRM Chennai.
Dr. Prakash Vazrikar	1 st place (Best writer) in Konkani Drama –State Level Award Organised	Goa Kala Academy in 2019
Mr. Yanita C. Palkar	Awarded Pradnyawant Puraskar	Lokostav 2018 State Level by Adarsh Yuva Sangh, Cancona
Ms. Yanita C. Palkar	Awarded Pradnyawant Puraskar	Lokostav 2018 State Level by Adarsh Yuva Sangh, Cancona
Mr. Mahesh Kerkar	Awarded Pradnyawant Puraskar	Lokostav 2018 State Level by Adarsh Yuva Sangh, Cancona

Sports Achievements:

Level of Competition	Individual Event				Team Event			
	First Place	Second Place	Third place	Total	First Place	Second Place	Third place	Total
Intercollegiate	9	4	5	18	2	2	1	5
State	5		2	7		1		1
Total	14	4	7	25	2	3	1	6

5.15 Rosary College of Commerce & Arts, Navelim, Salcete, Goa**Year of Establishment:** 1990**College Address:** Navelim, Salcete, Goa 403707.**Principal's Details:****Name:** Rev. Dr. Simão R. Diniz**Contact No.:** 9822124121**Email:** rosarycollege.1990@gmail.com**College Website:** www.rosarycollege.org**The NAAC Accreditation Status:** Re-accredited. 3rd Cycle by NAAC, Bangalore with Grade 'A' (CGPA score of 3.29 on a 4 Point Scale)**Courses offered, sanctioned and filled strength:**

Commerce (F.Y.B.Com) - 304
 Arts (F.Y.B.A.) – 134
 Computer Applications (F.Y.BCA) - 63
 Business Administration (F.Y.BBA) - 49
 Business Administration (Travel & Tourism) (FYBBA-T&T) - 48
 Masters of Commerce (M.Com-I) - 18

Research Centre, if any: Yes, in Commerce

Faculty strength: 33

Achievements of the College:

- Our College has been reaccredited by NAAC with an 'A' Grade with a CGPA score of 3.21 on a 4 Point Scale.
- We have received recognition from the Department of Higher Education as Research Centre in Commerce

Conferences / Workshops / Seminars / Events Organized:

State Level: 02 National Levels: 10

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
III. Research papers in journals	01	04	09	14
IV. Books / Edited Books	Nil	Nil	02	02
(b) Research papers in edited books	Nil	Nil	Nil	Nil
(c) Books	Nil	Nil	Nil	Nil
	International	National	Local	
V. Research papers in Conference Proceedings	03	02	Nil	05
Total	04	06	11	21

Invited lectures given by the faculty:

Abroad: 02

No. of teachers pursuing Ph.D.: 04

Sports Achievements:

Levels of competition	Individual Events			Team Events			Total
	1 st	2 nd	3 rd	1 st	2 nd	3 rd	

	Place	Place	Place	Place	Place	Place	
Inter-Collegiate	45	82	16	05	06	01	155
State	02	0	0	0	0	0	02
Inter-University	09	0	0	02	0	0	11
National	03	0	01	0	0	0	04
International	0	0	0	0	0	0	0
Total	59	82	17	07	06	01	172

Details of top 5 Sports Achievements, if any:

Sr. No.	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
1.	Mr. Clive Miranda	Football	All India West Zone (Boys) 11 th to 21 st December, 2018 All India Inter-University	University of Mumbai	1 st Place West Zone
2.	----	Football	All India West Zone and All India Inter-University (Girls) 29 th December, 2018 to 2 nd January, 2019	I.T.M. University of Gwalior	1 st Place West Zone
3.	Ms. Rezima Fernandes	Athletic	All India West Zone Athletics Championship 17 th and 18 th October, 2019	Raipur, Chattisgarh	Gold in 100 and 200 mts.
4.	Mr. Salman Khan	Athletic	All India West Zone Athletics Championship 17 th and 18 th October, 2018	Raipur, Chattisgarh	Bronze in 1500 mts.
5.	Ms. Valenie D'Souza	Sqay Marshall Art	Sqay Marshall Art National Championship for Juniors and Seniors 24 th to 27 th January, 2019	Panchkurla, Haryana	1 st Place Gold

5.16 Saraswat Vidyalaya Society's College of Commerce and Management Studies, Mapusa.

Year of Establishment: 1991.

College Address: Telang Nagar, Khorlim, Mapusa Goa.

Principal Details:

Name: Santosh B. Patkar

Contact No.: 9421157379/(0832) 2250042

Email: patkar_santosh@rediffmail

College Website: www.saraswatbba.com/www.caculoccollege.ac.in

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

Yes, 2.47 with B Grade, 1stCycle

Courses offered and sanctioned strength:

Class	Strength
F.Y.B.COM.	69
	57
	59
	77
S.Y.B.COM	48
	55
	60
	65
T.Y.B.COM.	60
	68
	70

Bachelor of Business Administration (BBA)

Class	Strength
F.Y.B.B.A.	55
S.Y.B.B.A.	53
T.Y.B.B.A.	51

Bachelor of Computer Application (BCA)

Class	Strength
F.Y.B.C.A.	31
S.Y.B.C.A.	28
T.Y.B.C.A.	19

Faculty strength: 24

Conference/workshop organized:

State level: 02

National Level: 03

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
XII. Research papers in Journals	-	2	1	3
	Foreign Publisher	Indian Publisher	Local Publisher	
XIII. Books/Edited Books				
(h) Research papers In Edited Books				
(i) Books	-	-	-	-
	International	National	Local	
XIV. Research papers in Conference Proceedings	2	15	1	18
Total	1	17	2	21

Papers presented in Conferences/Seminars/Workshops:

Within India: 03

within Goa: 16

Invited Lectures given by the faculty:

Within Goa: 02

Number of teachers who obtained research degree during the year: Ph.D - 02

No. of Teachers pursuing Ph.D: 09

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-	-	2	3	5	-	-	3	3

collegiate								
State	-	-	1	1	-	-	-	-
Inter-University	-	-	-	-	-	3	-	3
National	-	-	-	-	1	2	4	7
International	-	-	-	-	-	-	-	-
Total	-	2	4	6	1	5	7	13

Details of the Sports Achievements 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. Aditi Sawant	Tennis Ball Cricket	28 th Jr. National Tennis Ball Cricket Tournamaent	Tamilanadu Tennis Ball Cricket Association	1 st
Mr. Amrut Verlekar	Tennis Ball Cricket	28 th Jr. National Tennis Ball Cricket Tournamaent	Tamilanadu Tennis Ball Cricket Association	2 nd
Mast Raju Gurudkar	Tennis Ball Cricket	28 th Jr. National Tennis Ball Cricket Tournamaent	Tamilanadu Tennis Ball Cricket Association	2 nd
Mr. Ketan Jadav	Soft Ball	South Zone National Soft Ball Championship	Goa Soft Ball Association	3 rd
Ms. Ashwarya Chandelkar	Tug-of-war	Tug-of-war Championship	Tug-of-war Federation of India	3 rd

5.17 Fr. Agnel College of Arts and Commerce, Pilar

Year of Establishment: June 1991

College Address: Fr. Agnel College of Arts & Commerce, Pilar, Goa. 403 203

Principal's Details:

Name: Dr. Savio P. Falleiro

Contact No.: 9422060384

Email: principal@franelcollege.edu.in

Website: www.franelcollege.edu.in

The NAAC accreditation status:

Score	Grade	Accreditation Round
80-85 %	B++	I
3.05	A	II

Courses offered and sanctioned strength:

Courses Offered	Sanctioned (First Year Level)	Filled Strength (First Year Level)
Bachelor in Commerce	180	198
Bachelor in Arts	120	130
Bachelor in Computer Applications	40	24

No. of Vandidates, subjectwise, registered for PhD under the Research Center:

Commerce: 06

Economics: 02

New Courses Started: Doctorate in Philosophy in Economics (under cluster option)

Faculty strength: - 46

Achievement of the college:

Mou's (10 Academic): Tolani College of Commerce (Mumbai), Fin Serve Activate, J.K Business School (Gurugram) and SDPA (New Delhi), The Guest Institute, Literary Language Academy, Director of Higher Education and Government College Pernem, Director of Higher Education and Government College Sanquelim, Sophia Girls College (Ajmer), Rotary Club, Telco Crat (Chandigarh).

Establishment of two Research Centres in Commerce and Economics with the cluster option of the University.

Conduct of two Institutional Conferences through National/International level Collabrations.

Special grants through/from shrujan, UGC, MPLAD and Consumer Cell.

Conduct of Activities/Programmes through Unnat Bharat Abhiyan (UBA).

Conferences / Workshops organized:

State Level: 06 National Level: 03 International Level: 01

Details of International Conferences/Workshops organized:

Title of Conference/Workshop	Funding Agency	Amount Sanctioned	Date	No of Participants from abroad
Emerging trends in social sciences and management	Registration and well wishers		15 th to 17 th November 2018	25
Intellectual Property Rights: Digital Transformation	Registration and well wishers		27 th to 29 th March 2019	05

Publications:

Publications*	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
Research papers in Journals		07	01	08
	Foreign Publisher	Indian Publisher	Local Publisher	
Books			04	04
	International	National	Local	
Research papers in conference proceedings			02	02
Total		07	07	14

Papers presented in Conferences/Seminars/Workshops:

Within India: 03 within Goa: 10

Invited Lectures given by the faculty

Within Goa: 01

No. of teachers pursuing Ph.D: 04

Awards

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award
Dr Reji George	Best Paper	JK Business School Gurugram Haryana, The Society for Social Development and peoples Action New Delhi, Fr Agnel College of Arts abd Commerce Pilar : 27 th March to 29 th March 2019

Sports Achievements:

Levels of Competition	Individual Event				Team Event			Total
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	
Inter-collegiate	01							
State	10	04	08	23	01			01
National		01		01				
International	01			01		01		01

Total	12	05	08	25	01	01		01
-------	----	----	----	----	----	----	--	----

Details of the Sports Achievements at National and International Level only

Name of the student	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 Laxman Naik	Tennis Ball	Indo-Nepal International Inter State Tennis Ball Cricket Championship/ 30 th Dec 2018 to 1 st Jan 2019.	Nepal Tennis Ball Cricket Association Under : Asian Tennis Ball Cricket Federation	1 st
Mr Teddy Cardozo	Athletic	30 th West Zone Athletic Championships 2018/ 17 th & 18 th Oct	Athletic Association Raipur	2 nd
Mr. Kunal Kundaikar	- Football	Reliance Youth Foundation Football West Zone Pune	Reliance Foundation	2 nd
Mr Teddy Cardoz	Marathon	37 th International Marathon	Galaxy Entertainment Marathon International de Macau	4 th Position

Special Achievements of faculty:

1. Fr. Milton Fernandes won a gold medal in Master of Arts (Konkani) at Goa University
2. Fr. Ninotcha Mendes won a gold medal in Master of Arts (Sociology) at Goa University.
3. Dr. Anthony Rodrigues successfully guided three Research Scholars in Doctorate of Philosophy (Commerce).
4. Mr. Milind Mhamal made three unique compilations related to Goa Opinion Poll, Gopakapattana and tiatr, all of which helped systematically document rare works for the benefit of researchers/lay public.

5.18 Government College of Arts and Commerce, Pernem

Year of Establishment: 1993

College Address: Sant Sohirobanath Ambiyé, Govt. College of Arts & Commerce, Virnoda, Pernem, Goa. 403512.

Principal's Details:

Name: Dr Filipe Rodrigues e Melo

Contact No.:9422061226

Email: gcacpg@yahoo.co.in

College Website: www.govtcollegepernem.org

The NAAC accreditation status: 'B' Grade, CGPA 2.74/4.00

Courses offered and sanctioned strength: B. A. & B. Com

COURSE OFFERED	Sanctioned	Filled Strength
BA(FYBA)	120	106
BCOM(FYBCOM)	120	110
MCOM(Part-I)	30	29

Research Centre, If any: Yes

No. of Candidates, subject wise, registered for Ph. D under the research center: 31,
Research Centre (Commerce)

Any new course(s) started: MCOM (Account), MCOM (Management) and Research Centre (Commerce)

Faculty Strength: 28

Achievements of College:

- a) Commencement of MCOM Degree Course
- b) Establishment of research centre in Commerce
- c) Introduction of English Literature under BA Program

Conferences/Workshops Organised: 02

State Level: 01 International Level: 01

Details of International Conference/Workshops organized:

International Multidisciplinary Conference was organized by S.S.A Government College, Pernem and Leelawati College of Commerce and Computer Studies, Pune on 22nd Feb 19. It was organized at Sanskruti Bhavan, Patto Panjim.

Foreign Delegates attended14.

Other Local Participants and Paper Presenters202.

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognised	ISSN	Total
I. Research papers in Journals	-	7	-	7
	Foreign Publisher	Indian Publisher	Local Publisher	
(a) Books	--	03	--	03
	International	Indian	Local	
III. Research papers in Conference Proceedings	08	02	--	10
Total	08	12	--	20

Papers presented in Conferences/ Seminars/ Workshop:

Abroad: 06

within India: 06

within Goa: 01

Invited Lectures given by the faculty: Within Goa: 05

Teachers who obtained research degree during the year: Ph. D: 01

No. of Teachers pursuing Ph. D: 07

Awards/ Honours:

Name of the faculty Member	Title of the Award	Name of Agency/Institution sponsoring the award (only recognised and reputed agencies), date of award
Prof. Neeta Torne	Rashtriya Sahitya Bhushan	Shikshak Vikas Parishad, Shiroda Goa

Sports Achievements:

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	2	3	2	7
National	-	-	-	-	2	1	-	3
Total	2	-	-	2	4	4	2	10

Details of the top 5 Sports Achievements:

Name of the student/ captain of team	Name of the event in which participated (Sports/ Games)	Name of the Tournament / sports event with date	Name of the organiser	Place won 1 st /2 nd /3 rd
Mr. Nehal Parsekar	Football	13 th National Mini Football Chaimpionship from 12/10/2018 to 14/10/2018	National Mini Football Association	2
Mr. Yatin E. Ghadi	Cricket	Indo-Nepal Sports festival 2019 at Pokhara, Nepal from 29/12/2018 to 02/01/2019	Nepal tennis ball cricket association in collaboration with Asian tennis Ball Cricket Association	1
Mr. Nehal Parsekar	Football	3 rd National Football Chaimpionship from 31/12/2018 to 02/01/2019	Global Sports Foundation	1
Sahadev S. Joshi	Football	3 rd National Football Chaimpionship from 31/12/2018 to 02/01/2019	Global Sports Foundation	1

5.19 Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts & Commerce, Canacona**Year of Establishment:** 1993**College Address:** Delem, Canacona, Goa 403702**Principal's Details:****Name:** Dr. Manoj S. Kamat**Contact No:** 0832-2633422/ 2633433/9422415010**Email:** fmnadaf@rediffmail.com**College website:** www.shreemallikarjuncollege.in / mskamat@gmail.com**The NAAC accreditation Status:**

Whether accredited : YES

Score and Grade : 2.81 & B grade

Round of accreditation: 1st Cycle

Courses offered, sanctioned and filled strength:

Degree in Arts – Sanctioned – 360, Filled – 348

Degree in Commerce - Sanctioned – 180, Filled – 127

Degree in Science - - Sanctioned – 80, Filled – 42

Any New Courses: B.Sc. Chemistry (Hon)

Faculty strength: 18

Achievement	Name of the awardee	Awarding Agency	Date of Award	Category
Champions at the 10 th edition of Socio Fiesta 2019	Department of Sociology	Parvatibai Chowgule College	07 January 2019	Inter Collegiate
Best College in Goa in the state of Goa for Extension activities leading to Humanitarian services	Shree Mallikarjun College	The International association of Lions Club District 317-B	30 th March 2019	Extension Services
Rashtra Ekta ki Awaz	Shree Mallikarjun College	Cancona Kalakar Sangh in association with Department Art and Culture, Govt. of Goa.	13 th Jan 2019	
MOU		Parvatibai Chowgule College, Margao		
MOU	College	Govt. College KHandola		
MOU	College	Maniben Nanvanti Women's College Pune		
MOU	College	Aashawadi Prakashan		
MOU	College	Center for Environment and Economic		

		Development CEED, New Delhi		
MOU	College	Sangamner, Nagarpalika Art, D.J. Malpani Commerce and B.N. Sarda Science College, Ahmednagar		
MOU	College	Post Graduate Research Center in economic Sangamner, Ahmednagar		

Conferences/Workshops Organized:

State Level: 01

National Level: 01

International Level: 01

Details of International Conferences/Workshops organized

- **DEPARTMENTS OF KONKANI AND HINDI** of our College in association with SEWA a registered NGO based in Kalyan- Mumbai organized an Inter-disciplinary International Conference on the focal theme **“INDIAN CINEMA AND WOMEN”** on **3rd& 4th February 2017**. About 15 foreign delegates from Canada, France, Denmark, Poland, Portugal, Korea, Japan, and Austria participated along with Indian delegates from different parts of India.
- Commerce Department organized a National Conference on 23rd and 24th September 2016 on the theme **“Gender, Environment and Sustainable Development”**.

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	1	28	6	35
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/ Edited Books	-	5	1	6

a) Research Papers in Edited Books	-	5	-	5
	International	National	Local	
III. Research Papers in conferences	3	1	-	4
Total	4	39	7	50

Papers presented in Conferences/Seminars/Workshops:

Abroad: 01

within India: 10

within Goa: 10

Invited Lectures given by the faculty.

Within India: 19

within Goa: 09

No. of teachers who pursuing PhD: 02

Awards:

Name of the faculty member	Title of the Award	Name of agency institutuion sponsoring the award
Dr. Pramada Desai	Contribution in the field of education	Margao School Complex 2018
Dr. Arvind Haldankar	Best Paper Presenter Award	Karnataka Sociology Association Kannada Univesity, Hampi. 01/09/2018
Dr. Purnanand Chari	Ramesh Veluskar Kavya Puraskar	Litro Cultural Institution (Ukte Malab)
	Dalit Seva Sanghatan Puraskar	
Dr. Manoj Kamat	Best Columnist	Gomantak Media 2018
Shri Vividh Pawaskar	Lion of the Year	

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	4	7	6	17	3	2	--	05
State	4	4	4	12	2	1	--	3
National		2	2	4	2			2
Total	08	13	12	33	7	3	--	10

Details of the top 5 achievements:

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. Kshitija Dessai	All India Tennis ball Cricket Championship	All India Tennis Ball Cricket Championship held at Himachal Pradesh from 21 st to 23 rd June 2018.		1 st place
Ms. Kshitija Dessai	26 th Junior National Tennis Ball Cricket Championship	26 th Junior National Tennis Ball Cricket Championship held at Saraswati Vedu Engineering College Jambulkalam Tamil Nadu from 1 st to 4 th March 2019		1 st place
Ms. Chetali Bhandari	30 th West Zone Athletic Championship	30 th West Zone Athletic Championship held at Nagpur from 17 th to 18 th October 2018		II place 5000 Meters
Ms. Chetali Bhandari	30 th West Zone Athletic Championship	30 th West Zone Athletic Championship held at Nagpur from 17 th to 18 th October 2018		II place 3000 Meters
Ms. Alisha Velip	30 th West Zone Athletic Championship	30 th West Zone Athletic Championship held at Nagpur from 17 th to 18 th October 2018		III place 1500 Meters and 3000 Meters

Special Events of Faculty:

- Shooting of patriotic song at Doordarshan Kendra, Panaji by Department of Konkani and Cultural Committee
- Dr, Purnand Chari-Voice over for National Project-OM CD by Radhika Productions Mysore

5. 20 Narayan Zantye College of Commerce, Bicholim

Year of Establishment: 1994

College Address: Vathadev, Sarvan, Bicholim – Goa Post: Industrial Estate Pin: - 403 529

Principal's Details:

Name: Shri Rajesh Amonkar

Contact No: 9823618272

(0): 2361377/2363769

Email: asmad3@rediffmail.com

College website: www.zantyecollege.ac.in

The NAAC accreditation Status: Accredited by NAAC with 'B' Grade (CGPA Score 2.76 on a Four Point Scale)

Courses offered, sanctioned and filled strength:

B.COM. (Bachelor of Commerce)

Sanctioned strength:

F.Y.B.Com. – 180 + 10% students

S.Y.B.Com. - 180 students

T.Y.B.Com. - 180 students

Filled strength:

F.Y.B.Com. - 193 students

S.Y.B.Com. - 164 students

T.Y.B.Com. - 219 students

Total – 576 Students

M.COM. (Master of Commerce) – (Self financing)

Sanctioned strength:

M.Com. Part - I - 40 students

M.Com. Part – II - 40 students

Filled strength:

M.Com. Part – I - 25 students

M.Com. Part – II – 38 students

Total - 63

Research Centre, if any: Yes, Research Centre in Commerce

No. of Candidates, subject wise, registered for Ph.D under the Research Centre: 06 candidates are registered for Ph.D

Faculty Strength:

i) 08 Associate Professors (Full Time Regular)

ii) 09 Assistant Professors (Full Time Regular)

iii) 01 Librarian (Permanent)

iv) 01 College Director of Physical Education & Sports (Permanent)

Conferences/Workshops Organised:

State Level: 02

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	12	03	17
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books				
(a) Research Papers in Edited Books	---	06	---	06
(b) Books	01	04	---	05
	International	National	Local	
III. Research Papers in Conference Proceedings	---	03	---	03
Total	03	25	03	31

Papers presented in Conferences/Seminars/Workshops:

Within Goa: 03 within India: 04

Invited Lectures given by the faculty:

Within Goa: 03

No. of Teachers pursuing Ph.D: 03

Sports Achievements:

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

5.21 Vikas Parishad, Mandrem College of Commerce, Economics and Management, Pernem

Year of Establishment: 2012.

College Address: VP's Mandre College of Commerce, Economics and Management, Mandre – Goa. 403527

Principal's Details:

Name: Shri Narayan J. Naik (Administrative Incharge)

Contact No.: 9422395963/9423837316

Email: mandrecollege@yahoo.co.in

College Website: www.mandrecollege.ac.in

Courses offered, sanctioned and filled strength: B.Com. (Intake 60 and filled strength - 113)

Achievements of the College:

Nitin Naik, student of TYB.Com. (2018-19) selected for National parade

Sports Achievement:

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				
State			1	1				
National							1	1
Total	1		1	2			1	1

5.22 Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda.

Year of Establishment: 2013

College Address: Shirshirem, borim – Ponda Goa. 403401

Contact No.: 8806531262/ 8263806243

Principal's Details:

Name: Dr. (CA) Subrahmanya Bhat

Email: svvmcollege@yahoo.com

Courses offered, sanctioned and filled strength: Course - BCOM, Sanctioned strength – 198, Filled Strength – 168 (FYBCOM-66, SYBCOM-62, TYBCOM-40)

Faculty strength: 14

Conferences/Workshops Organized:

National Level: 1 no

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	—	16	06	22
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	No.	No.	No.	
a) Books	03	—	03	06
	International	National	Local	
III. Research papers in Conference Proceedings	—	—	01	01
Total	03	16	10	29

Papers presented in Conferences/Seminars/Workshops:

Within India: 05 within Goa: 08

Invited Lectures given by the faculty.

Within India: 05 within Goa: 03

No. of Teachers pursuing Ph.D: 05

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		01		01				
State	01			01				

5B. PROFESSIONAL COLLEGES

5.23 Don Bosco College, Panaji

Year of the Establishment: 2001

College Address: M.G.Road, Near Municipal Market, Panaji-Goa

Principal's Details:

Name: Mr. Cedric Silveira

Contact No: 8830034811

Email: cedricsilveira@yahoo.com

College website: www.donboscogoa.org

Courses Offered, sanctioned and filled strength:

Courses Offered	Sanctioned Strength	Filled Strength
Bachelor in Computer Application (BCA)	80	41
Bachelor in Business Administration (BBA)	40	40 + 1 NRI + 2 Foreign Students= 43
Bachelor of Business Administration Travel & Tourism (BBA T&T)	30	30 + 10% of sanctioned strength = 33
Bachelor of Arts in Mass Communication (BAMC)	30+03	33
Bachelor of Social Work (BSW)	30	05
Bachelor of Physical Education (BPed)	50	50
Master of Social Work	30	7

Faculty Strength: 26

Achievements of the College:

- Melange the inter higher Secondary Competition was organized on 17th August for the students of different colleges around Goa.
- Lateral courses will be conducted for FY & SY BCA to help improve their technical skills on topics such as Python Programming, Object Oriented programming using C++, Android App Development and C# Web Development.
- COSMOCRAT, one of the most awaited events. Students from different colleges showcase their skills of advertising, marketing, strategic management and more.
- Students visited organizations like Thomas Cook, Air India, Cox and Kings Grand Hyatt, Taj Vivanta in regards to assignments and internship.

- The Photography club, Readers club and film club started by the BAMC department.
- National Seminar for Social Workers on Generic Health care and healthy ageing in current life style.
- Intercollegiate event to find the fittest man and woman in Goa University.

Sponsored Research Projects only sanctioned / Completed during June 2018 and May 2019.

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 Pankaj Kumbhar	Functioning of Gram Sabha in Goa	November 2018 to April 2019	NCRI Human Resource Development Ministry, GOI	45000	Completed

Conferences/Workshops Organized:

State level: 2 National Level: 01

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
• Research papers in Journals	0	4	0	4
	International	National	Local	
• Research papers in Conference Proceedings	0	2	0	2

Papers presented in Conferences/Seminars/Workshops:

Within India: 06 within Goa: 01

Invited Lectures given by the faculty.

Within Goa: 2

No. of teachers who obtained research degree during the year: Ph. D. - 02

No. of Teachers pursuing Ph.D: 02

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	4	1	6	11	1	3	0	4

Details of the Sports Achievements 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
Amey Shetye	Baseball	West Asia cup 2019-15 th – 20 th July 2019 Sri Lanka	Baseball federation of Asia	3rd
Ansiva Vaz	Football	Inter University Football West zone-17 th – 23 rd Dec 2019	AIU	1st
Chetna Tirodkar	Football	Inter University Football West zone-17 th – 23 rd Dec 2019	AIU	1st
Rima Gadekar	Football	Inter University Football West zone-17 th – 23 rd Dec 2019	AIU	1st

Any other Special Achievements of faculty

Teachers Dr Cedric Silveira and Dr Pankaj Kumbhar received their PhD's

5.24 Goa College of Pharmacy, Panaji

Year of Establishment: 1963

College Address: Goa College of Pharmacy, 18th June Road, Panaji, Goa-403001.

Principal's Details:

Name: Dr. Gopal Krishna Rao

Contact No.: 0832-2226883.

Email: gcpprincipal@yahoo.com.

College website: www.gcp.goa.gov.in

Courses offered and sanctioned strength:

Bachelor in Pharmacy:

Sanctioned strength: 63 (60 + 3 [Tuition fee waiver])

Filled strength : 60 + 2(Tuition fee waiver) + 1(Govt. of India)
= 63.

No. of students left after admission rounds = 01.

Therefore, Total = 62

		Sanctioned strength	Filled strength
b) Master of Pharmacy:	Quality Assurance	15	15
	Pharmacology -	09	09
	Pharmacognosy -	12	12

	Sanctioned strength	Filled strength
c) Ph. D. in Pharmacy:		02 (2018-19)
		02 (2017-18)
		<u>10</u> (2015-17)
		Total: 14

Research Centre, if any: No. of Candidates, subjectwise, registered for Ph.D under the Research Center:Ph.D. in Pharmacy – 02 nos.

Faculty strength: 33**Achievements of the College:**

- Ranked 43rd in the country by MHRD under National Institutional Ranking Framework (NIRF-2019).
- Goa College of Pharmacy, in collaboration with GCEIP, organized the 3rd Annual International Conference on 'Intellectual Property Rights' on 15th & 16th November, 2018, where resource persons from India and abroad deliberated. A total of 150 delegates attended the Conference held at the college.
- MoUs have been entered into with Pharmaceutical Companies, such as, Pfizer (India) Ltd. & Sanofi Dev. Centre for projects & training and Cipla Ltd. & BlueCross Ltd. for educational scholarship for students.

Sponsored Consultancy Work sanctioned during the reporting period:

Name of Faculty member	Name of consultancy project	Name of the Sponsor	Duration of consultancy	Amount	Sanction Date
Smt. Rajashree Gude	Formulation & Development of Herbal Liposomes.	Amsar Pvt. Ltd., Goa	01 yr.	Rs.50,000/-	19/9/2018

Conferences/Workshops Organized

International Level: 01

Details of International Conferences/Workshops organized : One -.

Title of Conference Workshop: 3rd Annual International Conference on 'Intellectual Property Rights' in November, 2018. A total of 150 delegates attended the Conference Held at the college.

Date: 15th& 16th November, 2018.

Publications

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	<i>Nos. only</i> 12	<i>Nos. only</i> ---	<i>Nos. only</i> ---	
Total :	<i>Nos. only</i> 12	<i>Nos. only</i> ---	<i>Nos. only</i> ---	

Papers Presented in Conference/Seminars/Workshop:

Within India: 12

within Goa: 10

Invited Lectures given by the faculty.

Within India: 04

within Goa: 01

No. of Teachers pursuing Ph.D: -10

Sports Achievements:

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	-	-	-	-
Total :	-	01	-	01	-	-	-	-

5.25 Goa College of Engineering, Farmagudi

Year of Establishment: 1967

College Address: Farmagudi, Ponda – Goa

Principal's Details:

Name: Dr. M.S. Krupashankara

Contact No.: 0832-2336301/309

Email:pp1@gec.ac.i

College Website: www.gec.ac.in

Courses offered sanctioned and filled strength:

B. E. Civil Engg.	Sanctioned – 60;	Filled-69,
B. E. Mech Engg.	Sanctioned – 60;	Filled-67,
B. E. Electrical & Electronics Engg.	Sanctioned – 60;	Filled-64,
B. E. Elec.& Telecommunication Engg.	Sanctioned – 60;	Filled-63,
B. E. Computer Engg.	Sanctioned – 60;	Filled- 63,
B. E. Information Technology Engg.	Sanctioned-60;	Filled-63,
B. E. Mining Engg	Sanctioned - 30;	Filled-25,
M. E. Foundation Engg.	Sanctioned – 18;	Filled- 05,
M. E. Industrial Engg.	Sanctioned – 18;	Filled-11,
M. E. (ETC) ECI Engg.	Sanctioned – 15;	Filled- 05,
M. E. (ETC) Microelectronics Engg.	Sanctioned – 15;	Filled- 06,
M.E. Power & Energy	Sanctioned – 18;	Filled- 06,
M. E. Computer Sci. Engg.	Sanctioned – 18;	Filled- 14,
M. E. InD. Auto. & RF	Sanctioned – 18;	Filled- 10,
M.E. Structural Engineering	Sanctioned - 18;	Filled- 15,
M.E. Information Technology	Sanctioned – 18;	Filled – 04,
Ph.D - Civil Engg.		Filled – 03
Ph.D – Mechanical Engg		Filled - 00
Ph.D - Electrical & Electronics		Filled - 00
Ph.D – Electronics		Filled - 00








Faculty strength: 97

Achievements of the College:

- 1. Civil Department** in association with Indian Geotechnical Society Goa Chapter organizing annual Dr Victor De Mello lecture with Brazilian Geotechnical Society (ABGS) and Portugal Geotechnical Society (PGS) which are published in International journals of soils and rocks.
- 2. E&E Dept.** -NBA accreditation in year 2013(valid for 2years)
-Applied for NBA in December 2019
- 3. Computer Engineering Department** signed MOUs with the following companies:
 1. Creative Capsule Infotech, Verna Industrial Estate, Goa 403722
 2. Helix Tech, Porvorim, Goa - 403 521
 3. Digital Dwarves Pvt. Ltd. Porvorim, Goa - 403 521
 4. Conexao Technology Solutions, St. Inez- Altinho Road, Panaji, Goa 403001
 5. Codemax IT Solutions Pvt. Ltd.Fatorda, Goa 403602

6. Android Media Pvt. Ltd. Panaji, Goa 403002
7. Global Energy Pvt. Ltd. Panaji, Goa 403001

4. Information Technology Dept. List the MOU's signed by the IT Department, GEC with Industry

Company LOGO	Name of the Company
	Freethink LLP
	Goenche Apps and Sites Private Limited
	Fabcoders Retail Software Private Limited
	Earnestek
	SparkPlus Technologies
	Umang Software Technologies
	Persistent Systems Limited

9. Sponsored Research Projects only sanctioned / Completed during June 2018 and May 2019. (Include only research projects of minimum Rs onelakh)

NIL

10. Sponsored Consultancy Worksanctioned during the reporting period (Include only consultancy projects with minimum Rs onelakh)
Name of faculty member, Name of consultancy project, Name of the Sponsor, Duration of consultancy, Amount, Sanction date.(For example, Mr/Ms/Dr..XXXXX, 'Economic Growth of Goa', UGC, 2 years, Rs.0.76 Lakhs).

CIVIL-

1. Dr. K.G.Guptha, Inspection of distress Building, EE- Electricity Dept, Patto-Panjim, 3.835 lakhs
2. Dr. K.G.Guptha, Assessment of Structural Members, Member Secretary Kala Academy, Panjim, 0.944 lakhs

3. Dr. Ganesh Hegade, Structural Audit of Building, Garrison Engineers, Panjim, 0.944 lakhs

Conferences/ Workshop Organized:

State Level: 09

National level: 04

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	Mech-10	Mech-01 Comp-01	Civil-01 Mech-01 Comp-12 ETC-05	31
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	No.	No.	No	
(a) Research papers In Edited Booms	Mech-02	Civil-01	0	03
(b) Books	0	0	0	
	International	National	Local	
III. Research papers in Conference Proceedings	Civil-24 Mech-14 Sc&H-02	Civil-09 IT-01	Comp-06 IT-01	57
Total	52	13	26	91

Papers Presented in Conference/Seminars/Workshop:

Abroad: 01

within India: 57

within Goa: 32

Invited Lectures given t by the faculty:

Within India: 08

within Goa:

Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
No. only	Comp Dept. 1. Dr.Gajanan Gawde Subject: Data Mining from Computer Science and Technology, Goa University. 2. Dr. Kavita Asnani Subject: "Discovery of Aspects from Code-mixed

	<p>Data” from Computer Science and Technology, Goa University.</p> <p>IT Dept</p> <p>1. Dr. Nilesh B. Fal Dessai Subject:- Computer Science & Technology Goa University</p> <p>Mining</p> <p>1. Dr. Dinesh Kumar Subject-Mining, University- IIT (ISM Dhanbad)</p> <p>ETC Dept.</p> <p>1. Dr. Samarth Borkar Subject-Image Processing Swami Ramanand Teerth Marthwada University, Nanded.</p>
--	--

No. of Teachers pursuing Ph.D:

Civil-01

Mech-04

E&E-06

Comp-03

ETC-04

Awards:

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognised and reputed agencies), Date of award
Civil Dept. Dr. Purnanand Savoikar	Springer Best Paper Awards for two papers	ICRDSI 2019 Conference organized by KIIT Bhubaneswar
MechDept. Dr. Suraj Rane	IIIE Chairman’s Special Award	Indian Institution of Industrial Engineering (IIIE), Mumbai
Mech Dept. Dr. Suraj Rane	AIAP Early Career Research Award	Association of Inventory Academicians and Practitioners (AIAP), New Delhi

Sports Achievement:

Levels of Competition	Individual Event	Team Event	
-----------------------	------------------	------------	--

	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	E&E-01 Sports-01				E&E-01 Sports-02	Civil-01 Sports-01		
State					E&E-01			

Details of the top 5 Sports Achievements, if any:

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 organisation	Place won 1st /2 nd /3 rd
Devdatt Chodankar	Cricket	West Zone	Bombay	Participation

Any other Special Achievements of faculty:

Civil Dept

Dr K G Guptha: Jury member for AICTE clean green and smart campus, jury member for CVA (Chhatra Vishwakarma award), Jury member of AICTE for USVA (Utkrushta saunthan vishwakarma award)

Dr Purnanand Savoikar:

Member of Technical Committee TC107- Laterites & Lateritic Soil of International Society of Soil Mechanics & Geotechnical Engineering (ISSMGE) for 2018-2021 representing India.

Reviewer of journals: Cogent Engineering, Taylor and Francis, UK, Transportation Infrastructure Geotechnology International Journal (Springer), International journal of construction and Building Materials, Journal of Building Engineering, Elsevier Science Direct

Reviewer for Research project of Ministry of Earth Sciences under seismology program.

Mech. Dept

Prof. Harichandra Chandekar :**Certificate of Excellence** awarded by IIT Bombay in recognition of successful completion of the two FDPs (FDP 101x and FDP 201x) and being one amongst top 241 performers from a total of 5308 participants in the programme.

Dr. Shridhar D. Mhalsekar: Setting of Gas Dynamics and Turbomachineries Laboratory.

E&E Dept.

Participated at United Kingdom India education research initiative (UKIERI) workshop organized by AICTE in collaboration with Dudely College UK on

leadership and management. As a part of workshop, project on green and clean GEC campus was carried out.

5.26 Nirmala Institute of Education, Panaji

Year of Establishment: 1963

College Address: Altinho, Panaji – Goa, 403001

Principal's Details:

Name: Dr. Delia Antao (Officiating)

Contact No: 08322225633

Email: niegoa@gmail.com

College website: www.nirmalainstitute.org

The NAAC accreditation Status: Yes accredited, Score CGPA - 2.84 Grade BFirst Round

Courses offered, sanctioned and filled strength:

Courses offered	Sanctioned strength	Filled strength
Bachelor of Education	100 (Second year) 100 (first year)	98 99
Bachelor of Special Education	-----	---
Post Graduate Diploma in Guidance and Counselling	30	16
M.A WellnessCounselling	40	10 (year I and year II)

Faculty strength:

Courses	Full time & regular appointments
Bachelor of Education	14 +1 + 1 (includes Officiating Principal)
M.A. in Wellness Counselling (Self-financing Course)	04

Achievements of the College:

a) **Let Me be Me** - one act play for the Disability day Program

The play was scripted by 12 of the S.Y. B. ED. Students, who also acted in it. It revolved around the concept of Dyslexia, with special focus on the role of teachers in building an inclusive learning community.

Presented for the Disability day Program of 'Sangath', at SanskrutiBhavan, Multipurpose Hall, Panaji

(presented on three occasions too ..

- At a State Level Drama Competition organized by Sports and Youth affairs at Kala Academy, Panaji
- Presented in 'PrayogSanj' organised by Dir. Of Art and Culture at Multipurpose hall, SanskrutiBhavan, Panaji
- Broadcasted on All India Radio, Panaji

b) The annual Goan festival Abolianchem **Fest** was held in the premises. Prior to holding the event several workshops were conducted by experts in connection with this year's theme, the Coconut.

The entire campus was transformed into a miniature Goa. There definitely was warmth, music and magic in the air. The day began with music of the traditional brass band creating an atmosphere of euphoria. The Cantaram group then sang the theme song, 'Abolianchem Fest Ami NetanFulovya'.

Dr. Delia Antao, the officiating Principal in her welcome address highlighted the contributions of Mr. Marius Fernandes (GoychoFestakar) who was the motivational force behind our ' Abolianchem Fest.' She expressed her appreciation and happiness on how the collaborated efforts of the staff and students from all the departments on campus worked under the guidance of numerous experts in diverse fields finally brought this day to fruition. She profusely thanked these illustrious Goan personalities for investing their precious time and talents in training our students and for keeping alive our rich cultural legacy and for so magnanimously passing it down to the future generations.

Dr. Rita Paes , the Director of the Nirmala Institute of Education reiterated how the institute has always endeavored in cherishing the rich Goan culture through its unique initiative ' Project Goa' started in the year 2001. She stated that this year the celebration took on a new name 'Abolianchem Fest.. She further added that a sense of rootedness, pride and sensitivity to everything Goan is the need of the hour in order to safeguard the Goan socio-cultural fabric. The students performed various traditional dances these vibrant performances regaled the audience. The three Nattkullims (one act plays) enacted during the course of the day showcased glimpses of Goan lifestyle and celebrated the unique Goan identity.

c) AtmasodhaCounselling Centre

The Cell has conducted workshops for students of Colleges, and for faculty of some schools

in Goa.

- Aptitude tests were administered to 361 students in three schools
- Besides, counselling sessions for youth, families and children were held at the centre throughout the year.
- Aptitude tests followed by counselling were administered to 349 students throughout the year at the Atmashodha Centre.

d) The M.A. Wellness Counselling Department

The faculty gave various workshops to the B.Ed. D.El.Ed. Trainees and in-service school teachers in the area of wellness counselling.

The faculty and students participated in various activities. These included

A seminar on 'Trends and Challenges in Research'

A two-day National Conference on 'Enhancing Mental Health throughout the life span – Issues challenges and Interventions at which they presented research papers.

e) Post Graduate Diploma in Guidance and Counselling

Five weekends in the year were dedicated to the practice of the different therapies like Gestalt, Transactional Analysis, Cognitive Behaviour Therapy and others.

- An evaluation of the students' progress was conducted every two months. This has proved to be a very useful exercise.
- An orientation course on Research Methodology was conducted to help the students write their dissertations which were on relevant topics and issues in the area of Counselling.
- The students also gave workshops in different schools related to Life-skills development, Choice of careers, etc. Our students have been employed at different centres and organizations.
 - The Rehabilitation Centre for Suicide at COOJ, Bastora
 - As School counsellors by the Government
 - The IBHP centre at the Government Hospital, Bambolim.

Conferences/Workshops Organized:

	Numbers Only
State Level	Department of Extension Services Workshops 375 AtmashodaCounselling Centre For students of Colleges, and faculty of some schools <ul style="list-style-type: none">• Aptitude tests and counseling administered to 349 students in three schools• Besides, counselling sessions for youth, families and

	children were held at the centre throughout the year.
National Level	01 nos.
International Level	01 nos

Details of International Conferences/ Workshops organized

Title of Conference/ Workshop	Funding Agency	Amount Sanctioned	Date	Number of participants from abroad
Innovative Teaching-Learning Practices in Higher Education	<p>A joint venture of the Gandhi ShikshanBhavan,</p> <p>The Smt. Surajba College of Education, Mumbai</p> <p>The Amlani College of Commerce and Economics & its constituent college, M.R. Nathwani College of Arts & The Nirmala Institute of Education, Altinho, Panaji</p>	--	16th August, 2019	04

Publications:

Publications*	Cat - 1	Cat- II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
1. Research papers in journals	Nos. only - nil	Nos. only - Nil	Nos. only	-
	Foreign Publisher	Indian Publisher	Local Publisher	
11.Books/Edited books	No. Nil	No. Nil	No. Nil	---

a) Research papers in Edited Books	Nos. only. Nil	Nos. only. Nil	Nos.	
b) Books	Nos. only - Nil	Nos. only - Nil	Nos. only - Nil	--
	International	National	Local	
111. Research papers in Conference Proceedings	Nos. only - Nil	Nos. only. Nil	Nos.	
Total				

Papers presented in Conferences/Seminars/Workshops:

Within Goa: 25

Sports Achievements:

VLASTOS, an annual futsal tournament was organised by the Sports Director on October 12-13, 2018. Twenty three colleges participated in the event.

5.27 Goa College of Art, Altinho, Panaji

Year of Establishment: 1972

College Address: Altinho, Panaji.

Principal's Details:

Name: Shri Mahesh V. Vengurlekar

Contact No.:2226104

Email: goacollegeofart@gmail.com

Website: goacollegeofart.com

Courses offered and sanctioned strength:

B.F.A. (Painting) 20 students

B.F.A. (Applied Art)..... 30 students

E.W.S. 05 students

T.F.W. 03 students

Total 58 Students

Faculty strength: 14

5.28 Govind Ramnath Kare College of Law, Margao

Year of Establishment: 1979.

College Address: P.O. Box No. 777, Tansor, Comba, Margao-Goa, 403601

Principal's Details:

Name: Dr. Saba V. M. Da Silva

Contact No: 918275540890

E-mail: principal.grkcl@vvm.edu.in

College website: www.grkarelaw.edu.in.

The NAAC Accreditation Status:

Last accredited by NAAC with Grade "B" (CGPA of 2.63 on 4.0 point scale)

Courses offered and sanctioned strength:

Name of the course	Sanctioned	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
B.A.LL.B	330	61	49	29	31	26	196
LL.B (DEGREE)	180	51	36	47			134
LL.M	80	24	12				36
Ph.D	04						04

Faculty positions: 09

Achievement of the College:

- MOU between VVM's Govind Ramnath Kare College of Law, Margao, Goa and P.E.S.'s Modern Law College, Pune-Maharashtra (1st March, 2019)
- MOU between VVM's Govind Ramnath Kare College of Law, Margao, Goa and The University of Minho, Portugal (23rd May 2019)

Conference/Workshop Organized:

State Level : 02

International Level : 01

Details of International Conferences/Workshops organized:

The title of the Conference/Workshop	Funding agency	Amount sanctioned and date	number of participants from abroad
International Dialogue on Administrative Law in India & Portugal (2/5/20 19)	N.A	NIL	01

Publications: (Only Publications in ISSN/ISBN journals/ books)

Publications	International	National	Local	Total
Research papers in Journals	--	--	09	09
Total	--	--	09	09

Paper presented in Conference/Seminars/Workshop:

Abroad: 02 within India: 02 within Goa: 17

Invited Lectures given by the faculty:

Abroad: 03 within Goa: 05

No. of Teachers pursuing Ph.D: 04

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter collegiate	03		01	04	01	--	----	01
State	01			01				
Total	04		01	05	01	--	----	01

5.29 Goa Dental College and Hospital, Bambolim

Year of Establishment: 1980

College Address: Goa Dental College & Hospital, Bambolim Goa: - 403 202.

Principal's Details: Dr. Ida De Noronha De Ataide

Contact No: 0832-2459812-15

College Website: <http://gdch.goa.gov.in>

Courses offered & sanctioned strength: BDS – 40 seats, MDS- 15 seats

Faculty strength: 40

Conference/Workshop Organized: State Level- 15.

Publications:

Publications*	Cat - 1	Cat- II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in journals	55	04	12	71
	International	National	Local	
II. Research papers in Conference Proceedings	05	06	02	13
Total				84

Paper presented in Conference/Seminars/Workshop:

Within India: 61 within Goa: 23

Invited Lectures given by the faculty:

Within India: 20 within Goa: 03

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
State	3	-	-	3	-	-	-	-
Total	3	-	-	3	-	-	-	-

Details of the top 5 Sports Achievements:

Name of the Student / captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/s ports event with date	Name of the organizer	Place won 1 st /2 nd /3 rd
Chati Aalhad Vivek	Diving	Diving Event date 26-30th October 2017	All India University Aquatics Games Patiala 2017	1st (Gold) in 3 mt Spring 2nd (Silver) in Platform 1st (Individual Championship) in Men's Category

				2nd Runner's up Goa University men's Category.
--	--	--	--	--

5.30 Goa College of Music, Altinho, Panaji

Year of Establishment: 1987

College Address: Dr. T. B. Cunha Educational Complex, Altinho, Panaji – Goa.

Principal's Details:

Name: Dr. Shashank S. Maktedar

Contact No.: 2232507/2432528/9423057240

Email : goacollegeofmusic@gmail.com / prin.music@unigoa.ac.in

Courses offered, sanctioned and filled strength:

Courses offered	Sanctioned Strength	filled strength
F.C (Vocal)	20	19
F.C (Tabla)	15	15
F.C. (Harmonium)	15	9
B.P.A. (Vocal)	25	17
B.P.A.(Tabla)	15	11
B.P.A.(Harmonium)	15	8
M.P.A.(Vocal)	10	2
M.P.A.(Tabla)	10	5

Research Centre, If any: Yes

Faculty strength: 07

Awards

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognised and reputed agencies), Date of award
Dr. Shashank S. Maktedar, Officiating Principal	"Late Pt. Ranganath Hegde Sheeghalli Award	Shri. Sai Sangeet Vidyalaya Sirsi, Karnataka on 23/02/2019

5.31 Institute of Nursing Education, Bambolim:

Year of Establishment: 1993.

College Address: Institute of Nursing Education, Opposite Military Workshop,
Bambolim-Goa

Principal's Details:

Name: Mrs. Carol Noronha

Contact No. : 0832 2458191 and 0832 2459727

Email: principal-ine.goa@nic.in

College website: www.dhsgoa.gov.in

Courses offered, sanctioned and filled strength:

Courses offered	sanctioned	filled
B. Sc Nursing program	100+3 seats	100+1 seats
M. Sc Nursing program	25 seats	03 seats

Any new course(s) started: Post Basic Diploma in Neonatal Nursing and Post Basic Diploma in Cardiothoracic Nursing program started from January 2019

Faculty Strength: 31

Conferences/Workshops Organised: State Level - 01

Publications:

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

Papers presented in Conferences/Seminars/Workshops:

Within Goa: 02

No. of Teachers pursuing Ph.D: 03

5.32 G. V. M's Dr. Dada Vaidya College of Education, Ponda

Year of Establishment: - 1993

College Address: - PostBox No. 139, Farmagudi Ponda Goa 403 401

Principal's Details:

Name: Dr. Allan J. Abreo

Contact No. : 9422058395, 0832-2335880

Email: gym.educol@gmail.com

College website: www.gymcollege.com

The NAAC accreditation Status: Accredited by NAAC, Second round, CGPA of 2.51 at B+ Grade

Courses offered & sanctioned and filled strength: Two year B.Ed. programme,

Sanctioned Strength:-

FY B.Ed. – 100

SY B.Ed. – 100

Filled Strength: FY-99, SY-99

Research Centre, If any : Ph.D. in Education

No. of Candidates, subject wise, registered for Ph.D under the Research Center: 07

Faculty strength: 13

Conferences/Workshops organized: National Level: 02

Publications:

	International	National	Local	
I. Research papers in Conference Proceedings	---	---	08	08
Total	-----	-----	-----	08

Papers presented in Conference/Seminars/Workshops:

Within India: 04

within Goa: 12

Invited Lectures given by the faculty:

Within Goa: 15

No. of Teachers pursuing Ph.D: 02

5.33 B. S. P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda

Year of Establishment: 1993

College Address: Vajem, Shiroda – Goa. 403103.

Principal's Details:

Name: Dr. Anura P. Bale

Contact No. : 9822589751

Email: baleanura@rediffmail.com

College website: www.gamrc.org

Courses offered, sanctioned and filled strength:

B.A.M.S. -Bachelor of Ayurveda Medicine and Surgery (Ayurvedacharya), 60 Seats

Faculty strength: 38

Achievements of the College:

- Swasthavritta & Yoga Department of Goman tak Ayurveda Mahavidyalaya and Research Centre, Shiroda - Goa, observed the 04th International Yoga Day by organizing a YOGA RALLY- Yogathon 2018 on 19th June, 2018 in association with State AYUSH Society Goa, National AYUSH Mission, Directorate of Health Services, Goa at Panaji from 10.00 a.m onwards and had more than 150 participants consisting of the staff and students of the college.
- Bharateeya Sanskriti Prabodhinis Gomantak Ayurveda Mahavidyalaya & Research Centre and its Hospital - Kamakshi Arogya Dham is the only extensive Ayurveda facility in the State. It has contributed a lot towards diagnosing and treating patients of Psoriasis. Expert Doctors at Kamakshi Arogya Dham have come up along with research, unique combination of herbal medicines which have given very good control and cure in patients of psoriasis.
- CME was organized on 27th July 2018 on the auspicious day of Gurupournima. Guest lecturer was Dr. Pramod Raghuvir Bhide.
- Suvamaprashana was started by our college for the first time in the state of 15 years back. In the last 15 years more than 1,80,000 kids were benefitted. To commemorate this achievement CME - "Kanaka 2018" was organized in collaboration with Ayurveda Rasayani, Pune on 4th August 2018. Lectures were delivered by Dr. Avinash Kadam, Dr. Parth Kale & Dr. Sumod Khedekar.
- JARA- International Conference on Geriatrics As we all know we are celebrating Silver Jubilee of the college this year. To commemorate the achievement college organized a mega event i.e. an International

Conference on JARA - Geriatric Disorders (Old Age) on 29th & 30th August 2018 at Kala Academy, Panaji - Goa.

- Central Research Laboratory of our Institution is now functional, we have signed a MOU with Raghavendra Institute of Pharmaceutical Education and Research (RIPER), Anantapur, Andhra Pradesh.

Sponsored Research Projects sanctioned ongoing and completed during June 2018 and May 2019.

Sr. No.	Name of Investigator /s	Project Title	Date of Sanction and duration	Funding agency	Amount (Rs in Lakhs)	Specify whether sanctioned ongoing or completed
01	Dr. Anura Bale, Dr. Anil Panse, Dr. Mithun Bondre	"An Open Label, Single arm, Multicentre, Prospective, Clinical study to Evaluate Efficacy and Safety of WEL/PSO-01 in patients suffering from Chronic Plaque Psoriasis"	Date of Sanction 09/12/17	Target Institute of Medical Education & Research, Mumbai	55,000 plus lab charges at actual	Completed on 13/05/2019
02	Dr. Anura Bale, Dr. Geeta Patki, Dr. Sumod Khedeker	Evaluation of efficacy and safety of Ayurvita (Forte) Capsule in patients suffering from menstrual irregularities- A open label, multi centre, non comparative, prospective, clinical studies.	May 2018, 125 days	Welex Laboratories Pvt. Ltd	1.5 Lakhs	Completed on 26/09/2018

Conferences/workshops organized:

State level: 04

National Level: 02

International Level: 01

Details of International Conferences/Workshops organized

Title of conference: JARA- International Conference on Geriatrics

As we all know we are celebrating Silver Jubilee of the college this year. To commemorate the achievement college organized a mega event i.e. an International Conference on JARA - Geriatric Disorders (Old Age) on 29th & 30th August 2018 at Kala Academy, Panaji - Goa. All the dignitaries present for the conference appreciated the event. It was inaugurated at the hands of H.E. Smt. Mridula Sinha, Governor of Goa in the presence of Hon. AYUSH Minister Shri. Shripad Yesso Naik, Hon. Speaker Goa Legislative Assembly Dr. Pramod Sawant and Secretary for AYUSH Dr. Rajesh Kotecha.

For the concluding session on 30th August 2018, Adv. Shri. Narendra Sawaikar Hon. M.P. South Goa, Shri. Neelesh Cabral Hon. Minister for Power & Law, Dr. Vinayak Prabhudessai Chairman GBISM&H (Goa Board), Dr. Datta Bhat Dy. Director AYUSH were present

Number of participants from abroad: 04

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
Research papers in journals	--	--	01	01
	International	National	Local	
Research papers in Conference Proceedings	02	02		04
Total	02	02	01	05

Papers presented in conference/Seminar/ Workshops:

Within India: 02 within Goa: 05

Invited lectures given by the faculty:

Abroad: 01 within India: 02 within Goa: 05

Name of the Teacher: Dr. Prathamesh V. Karpe, Associate Professor, Gomantak Ayurveda Mahavidyalaya & Research Centre, Vazem- Shiroda.

Topic: Prevention and Management of Pain & Lifestyle Diseases.

Name of the Country: Australia

Institution Visited: RMIT University, Melbourne, Victoria, Australia 6

Date of Visit: 06th & 07th, October 2018

Awards/Honours:

Name of the faculty member	Title of the awards/ Honours	Name of Agency/ Institution sponsoring the award.
Dr. Anil Panse	Vd. M.V.Kolhatkar Research Award	Khadiwale Vaidyak & Maharshi Annasa Patavardhan Awards Committee.

Sports Achievements:

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

Details of the top 5 Sports Achievements:

Name of the student/ captain of the team	Name of the event in which participated (sports/game)	Name of the Tournament/ sports event with date	Name of the organizer	Place won 1 St/ 2nd/3rd
Miss. Apurva Yelavi	Taekwondo	01st All India Open National Taekwondo Championship 2018 Poomsae Women group under 30 years	Taekwondo Academy of Vasco	01 st

Any other Special Achievements of faculty:

- 1) Dr. Anura P. Bale, Principal was invited as a Resource Person for CME on Kriya Sharir at R.T. Ayurveda Mahavidyalaya Akola in Sept. 2018 and for a workshop at National Ayurveda Institute, Jaipur in Jan 2019.
- 2) Dr. Anil Panse was invited as Resource person for National Seminar Rudhiram - 2019 at Ayurved College Shevgaon Ahemadnagar Maharashtra in March 2019.
- 3) Dr. Bishnupriya Mohanty was invited as Resource Person for the CME on Samhita at Bhaisaheb Sawant Ayurved Mahavidyalaya and Hospital Sawantwadi Maharashtra in Dec 2018.
- 4) Various faculty members of our college for instance Dr. Panse, Dr. Korde, Dr. Gaurav, Dr. Patki were invited as a resource person at ROTP, CME, workshops and seminars at different parts of the country and abroad.

5.34 Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda

Year of Establishment: 1998 -99

College Address: "Shiv-Shail", Shiroda, Goa – 403 103.

Principal's Details:

Name : Dr. Satyawan D. Naik

Contact No : (O) 0832-2306842/2307441, (M) 09764264600

Email : drsdnaik01@gmail.com , skhmchgoa98@gmail.com

College website : www.homoeopathycollege.org.in

Course offered: BHMS Degree, Sanctioned-50; Filled - 50

Faculty Strength: 37

Achievements of the College:

- MOU with Switzerland Homoeopathic Medical College, Switzerland – past 13 years.
- Medical Certification of Cause of Death under the aegis of Statistics Department of Government of Goa and Forensic Department, Goa Medical College, Bambolim - Goa.
- Breast Cancer Awareness Programme.
- National Seminar in Materia Medica.
- Research Project on Iron deficiency Anaemia in middle school children.
- Research project on menstrual diseases in teen age group with efficiency of Homoeopathic Medicine

Conferences/Workshops organized:

State Level: 03 National Level: 01

Papers presented in Conferences/Seminars/Workshops:

Within India: 01 within Goa: 01

Invited lectures given by the faculty

Within India: 02 within Goa: 01

5.35 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda

Year of Establishment: 2001

College Address: Shivshail, Shiroda Goa 403 103

Principal's Details:

Name: Prof.(Dr.)Surenndra Rahamatkar

Contact No: 9011794586

Email: principal.ritgoa@gmail.com

Website: www.ritgoa.ac.in

Courses offered and Sanctioned strength:

Electronics & Telecommunication Engineering–Sanctioned - 63, filled - 13;

Computer Engineering–63, filled - 28;

Information Technology – 63, filled - 14.

Faculty Strength: 28.

Publications:

Publications	International	Local	Total
Research papers in Conference Proceedings	09	02	11
Total	09	06	15

Papers presented in Conferences/Seminars/Workshops:

Within India: 09

within Goa: 06

No. of Teachers Pursuing PhD. 05

Awards:

Name of the faculty member	Title of the Award	Name of Agency/Institution sponsoring the award Date of award
Dr. Shailendra Aswale	Best Researcher Award	RSRI CMCI International Conference. 29 th September 2018
Mr. Viren Pereira	Dr. APJ Abdul Kalam Life time Achievement National Award	International Institute of Social & Economic performs. 17 th August 2019 Ada-Ranvanandi, Bengaluru.

Sports Achievements:

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	-	-	-	
Total	-	-	02	02	-	-	-	

Details of the top 5 Achievement:

Name of the	Name of the event	Name of the	Name of the	Place won
--------------------	--------------------------	--------------------	--------------------	------------------

Student / captain of the team	in which participated (Sports/Games)	Tournament / Sports event with date.	Organizer	1st/2nd/3rd
Mr. Varad Gad	Taekwando	04.09.2018	Goa University	3rd place
Mr. Dyneshwar Ghategashtti	Judo	28.08.2018	Goa University	3rd place

5.36 P. E. S. College of Education, Farmagudi, Ponda

Year of Establishment: 2004.

College Address:, Farmagudi, Ponda Goa 403 401.

Principal's Details:

Name: Dr. Prakash R. Ahire

Contact No.:9850501251

E-mail:prakash.ahire11@gmail.com

College Website: www.pescoe.com

Courses offered and Sanctioned strength: B. Ed. – sanctioned-100; filled-100.

Faculty Strength: 12

Achievement of the college: P.E.S.'s College of Education stood fifth in All Goa State Level Parikrama Cultural Competition.

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
Research papers in journals	UGC Recognized (Foreign Publisher)	UGC Recognized (Indian Publisher)	ISSN	Total 01
Research paper in journal	No.s only	No.s only	No.s only	
Books/Edited Books	Foreign Publisher	Indian Publisher	Local Publisher	
a) Research papers in Edited Books	No.s only	01	No.s only	
b) Books	No.s only	No.s only	No.s only	
Research Papers in Conference	International	01	Local	01
Proceedings	No.s only	No.s only	No.s only	
Total				02

Invited Lectures given by the Faculty:

Within Goa: 02

No. of Teachers who obtained research degree during the year: Ph.D: 01

No. of Teachers persuing Ph.D: 02

5.37 Vrundavan Institutes of Nursing Education, Colvale, Bardez-Goa.

Year of Establishment: 2007.

College Address: Near Binani Glass Fibre Pvt. Ltd., Mushir Wado, Colvale, Bardez-Goa.403 513.

Principal's Details:

Name: Prof. S Rajeswari

Contact No.:+918754720832, 07448202838

Email:vinegoa@yahoo.co.in, rajiawanthika@gmail.com

College Website:www.vrundavaninstituteofnursing.com

Course offered and sanctioned strength: B. Sc. Nursing – Sanctioned:50; filled:55

Faculty strength: 33

Achievements of the College:

Awareness programme on Breastfeeding in collaboration with Inner Wheel Club, Mapusa and won prize at national level

Conferences/Workshops Organized (No.s only)

State Level: Conference on BLS and ACLS by using simulation methods in Collaboration with Red Cross Goa

Publications:

Publications	Cat-I	Cat-II	Cat-III	Total
	International	National	Local	
b) Books	00	01	00	01
Total	00	01	00	01

5.38 Institute of Psychiatry and Human Behaviour, Bambolim

Year of Establishment: 1980.

College Address: Bambolim, Goa.

Principal's Details:

Name: DrShivanand M. Bandekar

Contact No: 9420920890

Email: dir-iphb.goa@nic.in

College Website: www.iphb.goa.gov.in

Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned	Filled Strength
MD (Psychiatry)	6	6
DPM	2	2

Faculty strength: 8

Achievement of the College:

- B. Training of 60 Medical officers of Directorate of health service in the field of psychiatry B.
- C. IPHB will be starting 2 new courses i.e M.phil in Psychiatric social work and Diploma in psychiatric nursing C.
- D. Organized PG CME In collaboration with Indian Psychiatric Society west zonal Branch. D.
- E. 2 Faculty i.e Assistant Professor in Psychiatric Social Work and e Assistant Professor in Psychiatric Nursing were filled to start new course
- F. Conducted the Psychiatric camPs/ awareness Programme and also conducted awareness programme on Substance use (Alcohol and tobacco) for the students of Class IX th in different schools.

Publications:

Publications*	Cat-I	Cat-II	Cat-III	Total
Research papers in Journals	01	--	--	01
Total	01	--	--	01

Papers presented in Conferences/Seminars/Workshops:

Within India: 02

Invited Lectures given by the Faculty:

Within India: 02

within Goa: 09

Any other Special Sports Achievements of Faculty and Students:

Ongoing research projects:

- 1) Impact of spirituality/ Religion on Quality of life among 2nd year medical students.
- 2) Drug utilization pattern in Inpatient Psychiatric Unit.
- 3) Study of Psychiatric Co-morbidities in cancer patients in the Department of Surgery
- 4) Outcome Alcohol used disorder in patients treated as tertiary care Psychiatry Hospital in Goa.

5.39 P.E.S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda.

Year of Establishment: 2007

College Address: Farmagudi, Ponda Goa 403 401

Principal's Details:

Name: Dr. S. N. Mamle Desai

Contact No: 8390773995

Email: smamledesai@rediffmail.com

College website: www.pespharma.i

Courses offered, Sanctioned & filled strength:

First year B.Pharm, Sanctioned strength is 60 plus 3 seats under AICTE Tuition Fee Waiver Scheme, Total filled strength=**63 seats**,

Second year B.Pharm Total filled strength is 64 (from 1st year B.Pharm) + 07 seats directly admitted to S.Y. B.Pharm who have passed out Diploma in Pharmacy + 02 repeat student -total filled seats=**73 seats**,

Third year B.Pharm- total filled strength is **66 seats**,

Fourth year B.Pharm – total filled strength is **62 seats**

M.Pharm (first year) in **Pharmaceutical Chemistry**- sanctioned strength is 15 seats, **filled strength is = 6 seats**,

M.Pharm (second year) in **Pharmaceutical Chemistry**- sanctioned strength is 15 seats, **filled strength is = 15 seats**,

M.Pharm (First year) in **Pharmaceutics**- sanctioned strength is 15 seats, filled strength = **15 seats**.

M.Pharm (first year) in **Pharmaceutics**- sanctioned strength is 15 seats, **filled strength = 10 seats**.

Faculty Strength: 18

Achievements of the College: In the 12th year of existence, the College has been placed in the band of 75-100 by National Institute Ranking Framework (NIRF), MHRD, and Government of India.

Publications: (only publications in ISSN/ISBN journals/books)

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC recognized	ISSN	Total
I. Research papers in journals	Nos. Only- 16	Nos. Only- 02	Nos. Only-02	
	Foreign publisher-	Indian Publisher-	Local Publisher-	
II. Books/Edited Books	No.- NIL	No.- 01	No.-	
(a) Research papers in Edited Books	Nos. Only- NIL	Nos. Only- NIL	Nos. Only-	
(b) Books	Nos. only- NIL	Nos. only-	Nos. Only-01	
	International	National	Local	
III. Research papers in conference proceedings	Nos. only-03	Nos. only-01	Nos. only-	
Total	19	04	03	

Papers presented in Conferences/Seminars/Workshops:

Within India: 10

within Goa: 10

Invited Lectures given by the faculty:

Within India: 01

No. of Teachers pursuing Ph.D:04

Name of the faculty	Title of the Award	Name of Agency/Institution sponsoring the award
Mr. Mangirish. Deshpande	Second Place in Oral Presentation	APTI-at ApticonOct-2018-Jaipur
Dr.ShilpaBhilegaonkar	IJRULA Title award as best researcher 2018	International Journal for research under Literal access June 2018

5.40 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

Courses offered, sanctioned and filled strength:

Sem I

Courses Offered	Sanctioned no:	Strength
Mechanical Engineering I + II	120 + 06	117
Electronics & Telecommunication Engineering	60+3	63
Computer Engineering	60+3	57
Civil Engineering	60+3	58

Sem III

Courses Offered	Sanctioned no:	Strength
Mechanical Engineering	60+3+12	76
Electronics & Telecommunication Engineering	60+3+12	61
Computer Engineering	60+3+12	66
Civil Engineering	60+3+12	75

Sem V

Courses Offered	Sanctioned no:	Strength
Mechanical Engineering	60+3+12	62
Electronics & Telecommunication Engineering	60+3+12	63
Computer Engineering	60+3+12	62
Civil Engineering	60+3+12	68

Sem VII

Courses Offered	Sanctioned no:	Strength
Mechanical Engineering	60+3+12	85
Electronics & Telecommunication Engineering	60+3+12	82
Computer Engineering	60+3+12	80
Civil Engineering	60+3+12	87

Faculty strength: Regular – 57, Contract - 22

Achievements of the College:

1. MOU with Sanofi-Synthelabo (India) Private Limited.
2. CENTRE OF EXCELLENCE (Engine & Transmission Sponsored By BMW).
3. CENTRE OF EXCELLENCE FOR ADVANCED WELDING Sponsored By Putzmeister India Pvt. Ltd.
4. A Bipartite Agreement In The Form MOU Was Signed Between Don Bosco College Of Engineering, Fatorda, Goa And Autotech Builds Automation, Mapusa, Goa On 5th July 2018 In The Don Bosco Engineering College (DBCE) Campus.
5. Don Bosco College Of Engineering, Fatorda, Goa Has Signed Memorandum Of Understanding (MOU) With Eduvance, The Educational Arm Of Vanmat Technologies Pvt. Ltd., Santacruz (East), Mumbai On 28th Sept. 2018.
6. AICTE CII Survey – Silver Ranking
7. Institution's Innovation Council (IIC) – The institute stood 8th in the Institutions Innovation Council (IIC) with 4 STAR Ratings for the IIC Calendar Year 2018-19 in the Zone: Western/WRO
8. Swatch Mahavidyalaya – The institute was awarded 1st place in Professional Category and 4th place in Overall Category

Sponsored Research Projects sanctioned, Ongoing and Completed during June 2018 and May 2019.

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. Varsha Turkar	Development of Machine Learning Tools for Speckle Reduction and Urban	Date of Sanction: March 01, 2018 Duration: 3	Project sponsored by NISAR, Space Application Centre,	Research Grant: 2600000 /-	Sanctioned on: March 01, 2018 Duration:

		Applications	Years (2017- 2020)	ISRO.		3 Years (2017- 2020) ONGOING
2	Gaurang Patkar Amey Shet Tilve Ankit Kumar Tiwari	Sentiment Analysis of Online Articles	5 th May,2018	DRDO	13.70 lakhs	Sanctione d ONGOING

Conferences/Workshops Organized:

State Level: 08

National Level: 14

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
• Research papers in Journals	06	06	01	13
	Foreign Publisher	Indian Publisher	Local Publisher	
• Books/Edited Books	No.	No.	No.	
• Research papers In Edited Books	01	Nil	Nil	01
• Books	Nil	Nil	Nil	Nil
	International	National	Local	
• Research papers in Conference Proceedings	07	05	02	14
Total	14	11	03	28

Papers presented in Conferences/Seminars/Workshops:

Within India: 15

within Goa: 01

Invited Lectures given by the faculty:

Within Goa: 01

No. of Teachers pursuing Ph.D: 20

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. Deron Rodrigues	Grade A in Task Based Training(TBT-2019) - eYantra Lab Setup Initiative(eLSI)	Date: December 24, 2018 to March 31, 2019 ERTS Lab, Department of Computer Science and Engineering, IIT Bombay, Powai
Prof. Mathilda Colaco	Grade A in Task Based Training(TBT-2019) - eYantra Lab Setup Initiative(eLSI)	Date: December 24, 2018 to March 31, 2019 ERTS Lab, Department of Computer Science and Engineering, IIT Bombay, Powai
Prof. Flavia Leita	Grade A in Task Based Training(TBT-2019) - eYantra Lab Setup Initiative(eLSI)	Date: December 24, 2018 to March 31, 2019 ERTS Lab, Department of Computer Science and Engineering, IIT Bombay, Powai
Prof. Yeshudas Muttu	Grade A in Task Based Training(TBT-2019) - eYantra Lab Setup Initiative(eLSI)	Date: December 24, 2018 to March 31, 2019 ERTS Lab, Department of Computer Science and Engineering, IIT Bombay, Powai
Gaurang Patkar	Asia Invention Creativity Award in World Invention and Innovation Contest	Korea Invention News(KI News) 2-3rd June 2018

Sports Achievements of Students:

Levels of Competition	Individual Event				Team Event Total			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter – Collegiate	4	2	1	7	1	-	-	1
State	-	-	-		-	-	-	-
Inter-University	-	-	-		-	-	-	-
National	-	-	-		-	-	-	-
International	-	-	-		-	-	-	-
Total	4	2	1	7	1	-	-	1

Any other Special Achievements of faculty

- a. Prof. Gaurang Patkar was awarded **Gold medal** at World Invention and Innovation Contest at an award ceremony held in Seoul Korea- Korea Invention News (KI News) from 2nd to 3rd June, 2018.
- b. Prof. Mohini Naik is selected as a “**Mentor of Change**” under Atal Tinkering Lab (ATL), NITI Aayog, Government of India in the year August 2018.
- c. Prof. Swapnil Ramani got **Elite + Silver** Topper of 2% in NPTEL online certification course.
- d. Prof. Roseline Fernandes got **Elite + Silver** Topper of 5% in NPTEL online certification course.
- e. Prof. Akshata A. Sinai Kudchadker got **Elite + Gold** Topper of 5% in NPTEL online certification course.
- f. Ms. Mayalin Noronhagot **Elite + Gold** Topper of 1% in NPTEL online certification course.

5.41 Goa College of Hospitality and Culinary Education, Cidade de Goa, Vaiginim Beach.

Year of Establishment: 2011

College Address: Cidade de Goa, Vainguinim Beach, Goa – 403 004.

Principal's Details:

Name: Mrs. Zarine Lobo

Contact No: 9850902471

Email: principal@gchce.com

College Website: www.goahospitalitycollege.com

Courses offered, sanctioned & filled strength: Bachelor in Business Administration (Hospitality & Culinary Management): Sanctioned Strength-104, Filled in Strength- 94

Faculty Strength: 03

No of Teachers pursuing Ph.D: 01

5.42 Agnel Institute of Technology and Design, Assagao, Bardez

Year of establishment: 2012

College Address: Agnel Technical Education Complex, Assagao, Bardez, Goa.

Principals Details:

Name: Dr. V. Mariappan
Contact No:0832-2268642/2268032
Email:vm@aitdgoa.edu.in
College website: www.aitdgoa.edu.in

Courses Offered, sanctioned and filled strength:

Mechanical Engineering-Sanctioned – 63 & filled-62
 Computer Engineering-Sanctioned – 63 & filled-56,
 Electronics & Communications Engineering - Sanctioned – 63 & filled-32.

Faculty Strength: 40

Conferences/Workshops Organized: National Level: 02

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
• Research papers in Journals	01	11	13	25
	International	National	Local	
• Research papers in Conference Proceedings	--	10	01	11
Total	01	21	14	36

Papers presented in Conferences/Seminars/Workshops:

Within India: 06 within Goa: 17

No of Teachers pursuing Ph.D: 01

Sports Achievements:

Levels of competition	Individual Event				Team Event			
	First place	Second Place	Third place	Total	First place	Second place	Third place	Total
Inter- Collegiate	--	04	01	05	--	--	--	--
Total	--	04	01	05	--	--	--	--

5.43 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim

Year of Establishment: 2012.

College Address: Vidya Nagar, Parvari, Taluka- Bardez, Goa – 403521

Principal's Details:

Name: M. R. Patil

Contact No.: 9420979228, 0832-2413600,

Email: vidyaprabodhinigoa@gmail.com, info@vidyaprabodhnicollege.edu.in

College Website: www.vidyaprabodhnicollege.edu.in

The NAAC accreditation Status: 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	120	130
S.Y.B. Com	120	105
T.Y.B. Com	120	141
B.A.B.Ed.		
F.Y.B.A.B.Ed.	100	100
S.Y.B.A.B.Ed.	100	99
T.Y.B.A.B.Ed.	100	96
Fourth Year B.A.B.Ed.	100	79

Faculty strength: 29

Achievements of the College:

- Accredited by NAAC with B+ Grade on a Seven Point Scale Under New Framework (1st cycle) Date: 26/09/2018.
- The College is figured in the top Best Commerce Colleges in India by the India Today Ranking 2019.
- Recognized by U.G.C. under Section 12(B) of the UGC Act, 1956. Date: 05/10/2019

Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC recognized	ISSN	Total
I. Research	---	16	2	18

papers in Journals				
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	1	---	---	1
	International	National	Local	
III. Research papers in Conference Proceedings	---	2	1	3
Total	1	19	3	22

Papers presented in Conferences/Seminars/Workshops:

Within India: 08 within Goa: 09

Invited lectures given by the faculty.

Within India: 06 within Goa: 10

No. of Teachers pursuing Ph.D.:11

Sports Achievements:

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	6	3	3	12	-	1	1	2
State	7	1	1	9	3	1	-	4
Inter-University	-	-	-	-	-	1	-	1
National	-	-	-	-	3	1	2	6
International	-	-	-	-	-	-	-	-
Total	13	4	4	21	6	4	3	13

Details of the Sports Achievements 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. Nehal Parab	Tennis Ball Cricket	AllIndia Tennisball championship	Organized by Himachal	Gold Medal

		2018 from 21st June, 2018	Pradesh tennisball Cricket Association	
Mr.VindeshNagvekar	TennisBall Cricket	All India Tennisball championship 2018 from 10th to 12th August 2018	Organized by Thiruvallur tennisball Cricket Association	Gold Medal
Mr.SiddhantKalanigutkar	Football	West Zone Inter University Men Football Championship at Mumbai University- Mumbai from 11th to 19th December, 2018	Organized by Mumbai University	Silver Medal
Mr. VindeshNagvekar	TennisBall Cricket	U-19 Junior national Tennisball Cricket Championship 2018-19 held at Vellore, Tamilnadu from 26th January to 5th February, 2019	Organized by Tamilnadu tennisball Cricket Association	Silver Medal
Miss. Anisha Reddy Miss. AlfiyaBepari Miss. Meena Khatri Miss.PranjaliNavelkar	Tug of war	31 st Junior Tug of War National Championship 2018-19 held at Vellore, Tamilnadu from 25 th to 29 th December 2018.	Organized by Tug of War Federation of India	Bronze Medal

5.44 V. M. Salgaocar Institute of International Hospitality Education

Year of Establishment: 2014

College Address: Manora, Raia, Salcete, Goa

Principal's Details:

Name: Prof. Irfan S. Mirza, Director/Principal

Contact No: 7720023201

Email: irfan.mirza@vmsiie.edu.in

College website: www.vmsiie.edu.in

Courses offered, sanctioned and filled strength: B.Sc.International Hospitality Management, sanctioned: 120; filled: 86

Achievements of the College:

- Our institute was the recipient of "Swachhatam Mahavidyala Samman" for three Consecutive years 2016, 2017 and 2018.
- Our institute has signed an MOU with Turismo de Portugal for student study Exchange program, and is functional. Our students go to Portugal for a period of one Month and students from Portugal come to our campus.
- Our institute is the recipient of "Social Responsibility Award for Education" at 13th International Achievers Summit, (Bangkok Thailand)

Conferences/Workshops Organized: 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	---	---	02	02
	International	National	Local	
III. Research papers in Conference Proceedings	01	---	1	02
Total	01	---	3	04

Papers presented in Conferences/Seminars/Workshops:

Abroad: 01 within India: 01 within Goa: 01

No. of Teachers pursuing Ph.D: 01

5.45 Ramanata Crisna Pai Raikar School of agriculture, Savoi Verem, Ponda –Goa.

Year of Establishment: 2016

College Address: Madhalawada, Savoi – Verem, Ponda – Goa.

Principal's Details:

Name: Shrirang V. Jambhale

Contact No: 9673751125

Email: rcpragrischool@gmail.com

College website: www.rcpragrischool.com

Courses offered:

Advance Diploma (Agriculture) - Sanctioned strength: 40, Filled strength: 35

Faculty strength: 05

Achievements of the College: Only institutional achievements should be mentioned.

- MoU with ICAR – CCARI for Knowledge Sharing and Research Programme.
- MoU with HAS University, the Netherland for Students Exchange Programme, Knowledge Transfer and Upgradation of Skills.
- MoU with IDEA, the Netherland for Skill Enhancement in Agriculture and Providing Training.

Conferences/Workshops Organized: State Level: 01

5.46 St. Joseph Vaz College, Cortalim, Marmagao

Year of Establishment: 2017

Principal's Details:

Name: Dr. Maria A. A. R. Fonseca (Since June, 2019)

Contact No: 9422055377

Email: principal@sjvc.ac.in

College website: www.sjvc.ac.in

Courses offered, sanctioned and filled strength:

B.Sc – Sanctioned – 60, Filled – 45

Faculty strength: 10

Achievements of the College:

- St. Joseph Vaz College bagged the 2nd place in VI Goa Environmental Festival organized by KalaKriti at Kala Academy on the theme “Think and Act on 21st August, 2018.

- (St. Joseph Vaz College won the 1st place in Model making and 3rd place in JAM, in “Goa’s Young Innovators” a one-day state level programme organized by St. Xavier’s College, Mapusa.
- St. Joseph Vaz College won the 1st place in GigGag and Wealth Out of E-waste, and 2nd place in Bollywood Dhamaal in “Impetus 2018-19” a 2-day national level intercollegiate event organized by Fr. Agnel College of Arts & Commerce, Pilar Goa.
- St. Joseph Vaz College won the 1st place in “Stand Up & comedy” and “Fashion Show” and also 2nd place in “Mehendi Competition” in the state level intercollegiate event “CHEMOTRON – 2k19”, organized by the Department of Chemistry, PES’s Ravi Sitaram Naik College of Arts and Science, Ponda.

5.47 JD Institute of Fashion Technology, Panaji.

Year of Establishment: Affiliated 2019, and established in the year 1988

College Address : - JD Institute of Fashion Technology,
Mushtifund Sauntha, Near Mahalaxmi Temple, Dr Dada
Vaidya Road, Panjim Goa – 403001

Principal’s Details:

Name : Babu Rajendra Prasad R

Contact No : 9845653000

Email : principal.goa@jdindia.com

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

Courses offered, sanctioned and filled strength:

- BSc Fashion & Apparel Design Sanctioned 40 Filled 11
- BSc Interior Design Sanctioned 40 Filled 07

Any new course(s) started:

- BSc Fashion & Apparel Design
- BSc Interior Design

Any other Special Achievements of faculty

- Sponsored and Participated in Khadi Exhibition 2020, Goa International Exhibition Center Goa.
- Talk Session on Waste Management by Gaurav Pokle, YIMBY Goa

5.48 V. M. Salgaocar College of Law, Miramar

Year of Establishment: 1973

College Address: P.O. Caranzalem, Miramar - Panjim, Goa, 403 002

Principal's details:

Name: Dr. M. R. K. Prasad

Contact No: 0832-2461809/7350198881

Email: prasadmandav@gmail.com

College Website: www.vmslaw.edu.in

The NAAC accreditation Status: 3rd NAAC Accreditation cycle, Grade B+(2.56)

Courses offered:

	Sanctioned Strength	Filled Strength
B. A. LL.B.-	132	130
LL.B.-:	120	118
LL.M.-	50	34

Faculty strength: 12 (Regular), 14 (Contract)

Achievements of the College:

- Knowledge Steez Award for Contribution to social justice and legal Aid awarded by Knowledge Steez, Noida, Delhi.
- Recognition by NAAC as Accredited Institution with B+ Grade.
- MOU with Globl Resolution Organization, Tennessee, USA.
- MOU with Faculty of Law, University of Lisbon, Portugal.
- MOU with INS-Mandovi, (Provost e Physical Training School) Veerem, Goa.

Conferences/workshops organized:

State Level: 02

National levels: 04

Publications :

Publications	Cat-I	Cat-II	Cat-III	Total
I. Research papers in Journals	---	08	---	08
Books/Edited Books	---	03	---	03
Total	01	---	3	04

Papers presented in Conference/ Seminars/ Workshops

Within Goa: 11

Papers presented in Conference/Seminars/Workshops:

Abroad: 09 within India: 13 within Goa: 26

Invited lectures given by the faculty.

Abroad: 01 within India: 15 within Goa: 40

No of Teachers who obtained Research Degree during the year:

Ph.D. : 01

No. of teachers pursuing Ph.D: 07

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.Kim Couto	Dedicated Teacher Award	Inner Wheel Club, Panaji.

Sports Achievements:

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	04	08	-	02	-	02
State	01	-	-	01	-	-	03	03
Inter-University	-	-	-	-	-	-	-	-
National	-	-	-	-	-	-	-	-
International	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

5 C. RECOGNISED INSTITUTIONS

List of Recognised Institutions:

5.49 XAVIER Centre of Historical Research, Alto Porvorim

Name of the Director: Savio Abreu S. J.

Year of Establishment: 1977

Website: www.xchr.in

Faculty/Scientist strength: 03

Courses/Degree for which the Institution is recognised: Ph.D. in History

5.50 National Institute of Malaria Research, New Delhi.

Name of the Director: Dr. Neena Valecha (Officer-In-charge)

Year of Establishment: 1977

Website: www.mrcindia.org

Faculty/Scientist strength: 50

5.51 Directorate of Archives & Archaeology, Panaji Goa.

Name of the Director: M. L. Dicholkar

Year of Establishment: 1995

Courses/Degree for which the Institution is recognised: Ph.D. degree.

Website: <http://www.daa.goa.gov.in>

5.52 National Institute of Oceanography, Dona Paula, Goa

Name of the Director: Dr S. W. A. Naqvi

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.

5.53 Earth System Science Organisation-National Centre for Antarctic & Ocean Research (ESSO-NCAOR), Vasco-Da-Gama

Year of Establishment: 1998

Name of the Director: S. Rajan

Courses/Degree for which the Institution is recognised: Ph. D. degree

Website: www.ncaor.gov.in.

Faculty/Scientist strength: 11(Regular) 42(Contract)

5.54 Thomas Stephens Konknni Kendr, Porvorim

Name of the Director: Apolinasio Cardozo

Year of Establishment: 1982

Courses/Degree for which the Institution is recognised: Konkani Research Work.

Website: www.tskk.org.

Faculty/Scientist strength: 6.

5.55 Fisheries Survey of India, Government of India, Ministry of Agriculture,

Department of Animal Husbandry, Dairying & Fisheries, Mormugao

Zonal Base,

Mormugao Goa.

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.

5.56 Syngenta Biosciences Pvt. Ltd. Santa Monica Works, CorlimIlhas,

Goa, 403 110.

Name of the Director: Dr. Bhanu Manjunath

Year of Establishment: 2005

Courses/Degree for which the Institution is recognised: Ph. D.

Website: www.syngenta.com

Faculty/Scientist strength: 87

5.57 ICAR, Research Complex for Goa Ela, Old Goa, 403 402.

Name of the Director: Dr Narendra Pratapsingh

Year of Establishment: 1989

Courses/Degree for which the Institution is recognised:

Website: www.icargoa.res.in

PART 6:

AWARDEES AND RANK HOLDERS

6.1 Ph. D. Awardees: Faculty Wise List

FACULTY OF LANGUAGES & LITERATURE				
Sr no.	Candidate name	Title	Subject	Guide
1	Dr. Ranjita Ramchandra Parab	Madhu Kankariya Ka Katha Sahitya: Stri Vimarsh	Hindi	Prof. Vrushali S. Mandrekar
2	Dr. Sapana Shripad Savaikar	Suryabala Ka Katha Sahitya: Samajik Avam Sanskrutik Paridrushya	Hindi	Prof. Vrushali Mandrekar
3	Ms. Glenis Maria D'Souza nee Mendonca	Konkani Fiction in English Translation: A Critical Study	English	Dr. Kiran J. Budkuley
FACULTY OF SOCIAL SCIENCES				
1	Dr. Theophila Domnica De Souza	Beyond Environmentalism: A Study in Environmental Ethics	Philosophy	Prof. Koshy Tharakan
2	Dr. Amitha Shanbhogue	An Economic Analysis of Consumption Patterns and Poverty in India	Economics	Prof. Pranab Mukhopadhyaya
3	Dr. Vishal Rama Chari	Impact of Financial Liberalisation on India	Economics	Prof. Pranab Mukhopadhyaya
4	Dr. Siddhesh Anant Sinai Shilimkhan	Socio – Economic Study of Child Labour in Beach Shack Restaurants in Goa	Economics	Dr. Silvia M. De. Mendonca e Noronha

FACULTY OF NATURAL SCIENCES

Sr no.	Candidate name	Title	Subject	Guide
1	Dr. Mahalinganathan K.	Chemical and Stable Isotope Records of Antarctic Snow and its Implications of Palaeoclimate Studies	Earth Science	Dr. Thamban Meloth
2	Dr. Dinesh Kumar Naik	Distribution of foraminifera and sub-millennial scale paleoclimatic reconstruction from marine sediments off southwest coast of India	Earth Science	Dr. Rajiv Nigam
3	Dr. Udaysing Vithalrao Rane	Network on Chip (NOC) Platform for high Performance Computing	Electronics	Dr. R. S. Gad
4	Dr. Prajesh Sitaram Volvoikar	Synthetic Studies of Selected Bioactive Nitrogen Heterocycles containing Indole, Isoindolinone and Acridine Motifs	Chemistry	Prof. Santosh G. Tilve
5	Dr. Mithil Suresh Fal Desai	Catalytic detoxification of exhaust gases over mixed metal oxide nano catalysts.	Chemistry	Prof. A. V. Salker
6.	Dr. Sagar Narayan Patil	Synthetic Studies of Chiral Bioactive Molecules and their Key Intermediates"	Chemistry	Dr. S. G. Tilve
7.	Dr. Arnab Mukherjee	Intraseasonal variability of currents along east coast of India	Physics	Dr. Shankar Doraiswamy
8.	Dr, Chandrakant Nagnath Phadte	On Fibonacci Sequence and its Extensions	Mathematics	Dr. Y. S. Valaulikar

FACULTY OF LIFE SCIENCES AND ENVIRONMENT

Sr no.	Candidate name	Title	Subject	Guide
1	Dr. Maria Vera Jesus Da Costa	Morphological, Physiological, Biochemical and Molecular response of Rice Seedlings to Metallo-Nanoparticles	Botany	Prof. P. K. Sharma
2	Dr. Sushant Vilas Sanaye	Studies on eco-biology, captive breeding and rearing of alligator pipefish, <i>Syngnathoides biaculeatus</i> (Block-1785)	Marine Science	Prof. C. U. Rivonkar
3	Dr. Dinesh Tolu Velip	Studies on demersal fish community along the fishing grounds of Goa, West Coast of India	Marine Science	Prof. C. U. Rivonkar
4	Dr. Sumesh K. G	On the role of air-sea interaction parameters in the formation of convection systems over north Indian Ocean during EL-Nino, La-Nina and IOD years	Marine Science	Dr. M. R. Ramesh Kumar
5	Dr. Suchitra Chakraborty	Mechanism controlling Lead distribution in continental Margin Sediments of India	Marine Science	Dr. B. Nagender Nath
6	Dr. Roseline Cutting Thakur	Study of size segregated chemical composition of aerosols and air-snow interaction of ionic precursors over the Polar Regions	Marine Science	Dr. Thamban Meloth
7	Dr. Nidheesh A. G	Decadal and long-term sea-level changes in the tropical Indo-Pacific Ocean	Marine Science	Dr. S. Unnikrishnan
8	Dr. Prakash Mehra	Sea-Level variability at select coastal and island regions in	Marine Science	Dr. P. Vethamony

		the India Ocean		
9	Ms. Shaikh Shamshad Bi Mainoddin	Synthesis, Characterization and Evaluation of Toxicity of a few Nanoparticles	Zoology	Prof. P. V. Dessai

(Rank Holders list to be added after the Convocation)