

# **XXXV ANNUAL REPORT**



**June 2019– May 2020**

**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 .....

4.6 Study India Programme (SIP)

4.7 Swachh Bharat Abhiyaan

4.8 Hostel

4.9 Student Placement And Alumni Relations

**PART 5:AFFILIATED COLLEGES & RECOGNISED INSTITUTIONS**Error! 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 68<sup>th</sup> 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, 002/Tower 11, Vipul Greens, Sohna Road, Sector 48 Gurugram 122018.

##### **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**

Prof. Gourish M. Naik, Dean, Faculty of Natural Sciences (Superannuated on 29/02/2020)  
Prof. V. V. Kamat, Dean, Goa Business School (Superannuated on 30/09/2020)  
Prof. H. B. Menon, Dean, School of Earth, Ocean & Atmospheric Sciences (w.e.f. 30/09/2020 to 31/10/2020)  
Dr. Allan Abreo, Dean, Faculty of Education (Superannuated on 31/03/2020)  
Prof. R. G. Wiseman Pinto, Dean, Faculty of Medicine (w.e.f. 01/04/2020 to 31/10/2020)  
Dr. Prita D. Mallya, Principal, Shree Damodar College of Commerce and Economics, Margao, Goa  
Prof. Vijaya U. Kerkar, Department of Botany, Goa University.

##### **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. (Superannuated on 29/02/2020)

Prof. V. S. Nadkarni, School of Chemical Sciences, Goa University. (w.e.f. 03/03/2020 to 31/10/2020)

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. (Superannuated on 31-07-2019)

Prof. Jyoti Pawar, Goa Business School, Goa University. (w.e.f. 03/03/2020 to 31/10/2020)

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

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

Prof. Vidhyadatta M. Shet Vernekar, School of Chemical Sciences, Goa University. (w.e.f. 03/03/2020 to 31/10/2020)

Prof. V. V. Kamat, Department of CST, Goa University. (Superannuated on 30-09-2020)

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. R. B. Patil, M.E.S College of Arts & Commerce, Zuarinagar – Goa. (completed tenure as Principal on 30/09/2019)

Dr. Sanjay P. Sawant Dessai, Principal, CES College of Arts and Commerce. (w.e.f. 24/12/2019 to 31/10/2020)

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, Cuncoim Educational Society's College of Arts & Commerce, Cuncoim, 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**

<b>Sr. No.</b>	<b>Name of the Dean</b>	<b>Faculty headed</b>	<b>Term</b>
1	Prof. V. S. Nadkarni	School of Chemical Sciences	w.e.f. 15/04/2019 for a period of three years
2	Prof. H. B. Menon	School of Earth, Ocean & Atmospheric Sciences	w.e.f. 11/04/2019 for a period of three years

3	Prof. Vijaya Kerkar	School of Sanskrit & Indic Knowledge System	During Sabbatical leave of Prof. Vrushali Mandrekar, (02/03/2020 to 26/02/2021)
4	Prof. V. V. Kamat	Goa Business School	Superannuated on 30/09/2020
5	Prof. Nina Caldeira	Languages & Literature	w.e.f 01/10/2018 for a period of three years
6	Prof. Silvia Noronha	Social Sciences	w.e.f. 01/01/2019 for a period of three years
7	Prof. Kaustubh Priolkar	Natural Sciences	w.e.f. 28/02/2020 for a period of three years
8	Prof. Prabhat Kumar Sharma	Life Sciences & Environment	w.e.f. 01/11/2017 for a period of three years
9	Prof. R. G. Wiseman Pinto Goa Medical College	Medicine	w.e.f. 16/05/2018 for period of three years
10	Prof. J.A. Laxminarayan, Goa College of Engineering, Farmagudi, Goa	Engineering	w.e.f. 22/03/2018 for a period of three years
11	Dr. Saba Da Silva V. M. Salgaocar College of Law, Miramar	Law	w.e.f. 01/03/2020 for a period of three years
12	Shri M.V. Vengurlekar	Performing, Fine Art & Music	w.e.f. 09/01/2012 until further orders
13	Prof. Ashish K. Rege Goa College of Architecture, Panaji, Goa	Design	w.e.f. 22/03/2018 for a period of three years
14	Vice-Chancellor	Education	Until further orders

## 1.7. Officers of the University

Prof. Varun Sahni

Prof. Y. V. Reddy

Prof. Pranab Mukhopadhyay

Prof. Ramesh V. Pai

Prof. Anuradha Wagle

Dr. V. Gopakumar

Shri V. L. Sawkar

Shri M. Shreedhara

Shri Donald A. E. Rodrigues

Shri Sanjay Bandodkar

Shri Rushikesh G. Halarankar

Vice-Chancellor

Registrar

Finance Officer (w.e.f. 16/07/2018-05/08/2019)

Finance Officer (w.e.f. 05/08/2019 till date)

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 Shirodkar	Assistant Registrar
Shri. Rajanikant S. Parsekar	Assistant Engineer
Shri. Sachin G. Sinai Narvekar	Assistant Engineer
Shri Vamon Bhandodkar	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**

12<sup>th</sup> July, 2019  
16<sup>th</sup> August, 2019  
27<sup>th</sup> September, 2019  
8<sup>th</sup> November, 2019  
3<sup>rd</sup> January, 2020  
13<sup>th</sup> February, 2020  
14<sup>th</sup> May, 2020 (Special Meeting)  
26<sup>th</sup> May, 2020 (Special Meeting)  
10<sup>th</sup> July, 2020 (Special Meeting)  
1<sup>st</sup> October, 2020

### **Dates of Academic Council Meetings**

8 <sup>th</sup> & 9 <sup>th</sup> March, 2019	- 13 <sup>th</sup> meeting of the Academic Council
10 <sup>th</sup> & 24 <sup>th</sup> May, 2019	- 14 <sup>th</sup> meeting of the Academic Council
12 <sup>th</sup> & 13 <sup>th</sup> September, 2019	- 15 <sup>th</sup> meeting of the Academic Council
12 <sup>th</sup> & 13 <sup>th</sup> December, 2019	- 16 <sup>th</sup> meeting of the Academic Council
19 <sup>th</sup> June, 2020	- 17 <sup>th</sup> meeting of the Academic Council
23 <sup>rd</sup> , 24 <sup>th</sup> & 27 <sup>th</sup> July, 2020	- 18 <sup>th</sup> meeting of the Academic Council

### **Dates of the Standing Committee Meeting of the Academic Council**

14<sup>th</sup> January, 2019 - 7<sup>th</sup> meeting of the Standing Committee

12 <sup>th</sup> April, 2019	- 8 <sup>th</sup> meeting of the Standing Committee
14 <sup>th</sup> June, 2019	- 9 <sup>th</sup> meeting of the Standing Committee
25 <sup>th</sup> October, 2019	- 10 <sup>th</sup> meeting of the Standing Committee
17 <sup>th</sup> & 20 <sup>th</sup> April, 2020	- 11 <sup>th</sup> meeting of the Standing Committee
12 <sup>th</sup> May, 2020	- 12 <sup>th</sup> meeting of the Standing Committee
3 <sup>rd</sup> July, 2020	- 13 <sup>th</sup> meeting of the Standing Committee

**Date of Planning Board Meeting** – 20<sup>th</sup> December, 2019

**Date of Court Meeting** – 29<sup>th</sup> March, 2019

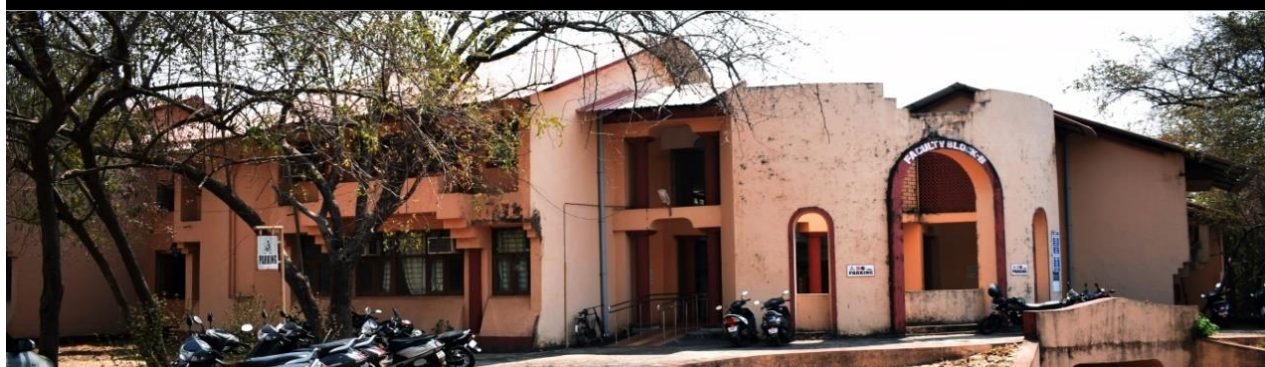


## PART 2:

### 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:**

<b>Programme</b>	<b>Date</b>	<b>Major Sponsors</b>
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](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](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

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

### Major Thrust Areas and Achievements:

Thrust Areas:

**Projects:**

<b>Project Investigator</b>	<b>Status</b>	<b>Title</b>	<b>Funding agency</b>	<b>Grant (Rs. in Lakhs)</b>
Prof. Vrushali s. Mandrekar	Completed	Translated ‘ Tamas’ into Konkani	Sahitya Academy	25,000/-

**Visiting Scholars**

<b>Name of the scholar</b>	<b>Institution</b>	<b>Title of Lecture</b>	<b>Date</b>
Dr. Bipin Tiwari	Carmel College of Arts, Science and commerce of Women, Nuvem, Goa	Mushi Premchand Ka Katha Sahitya Me Samajik Sarokar	30.07. 2020
	Goa University	Book- U.P. 65 , Writer: Nikhil Sachan	30.10.2020
Ms. Mamata Verlekar	Sant Sohirobanath Ambye, Government College of Arts, science & Commerce, Pernem	Rashtriya aur vaishvik star Par Hindi	30.09.2020
	National Bank for Agriculture and Rural Development (Goa Regional Office)	Sahitya aur Hamara Samai	14.09.2020
	Goa University	Mahadevi Verma Kriti Shrunkhala Ki Kadiya	31.08.2020
Ms. Manisha Gaude	Goa University	‘ Premchand Se Meri Pehli Mulakat’	29.07.2020
	Goa University	‘Arun Prakash: Nimn Varg Ki Trasadi Ke Katha Kaar	27.11.2020
	St. Michal Higher Secondary school, Taleigao	‘ Hindi Bhasha Evam Mahatva’	19.09.2020
Mr. Aditya Bhangui	Manohar Media - Shabd Srishti	Shabd Srishti - Poem Presentation	01.07.2020
	Ganpat Parsekar College, Harmal	Anuvad Kala	01.12.2020
	Goa University	Shabdo Ka Sahi Prayog	29.01.2021
	RBI, Patto Panaji	Hindi Ki Vartani	18.01.2021

### Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
‘ Premchand Se Meri Pahli Mulakat’ delivered by resource persons i) Dr. Pradeep Kumar, Theatre Artist, Delhi ii) Dr. Ramita Gurav, Assoc. Prof., Hindi Dept, St. Xaviers College Mapusa Goa.	30.07.2020	-
Online discussion sessions: ‘VAICHARIKI’		
• Mahadevi Verma Kriti Shrinkhala Ki Kadiya	31.08.2020	-
• Book- U.P. 65 , Writer: Nikhil Sachan	30.10.2020	-
• Aadivasi Kavya Mei Mithak, delivered by Poet, Critic – Anuj Lugun	24.11.2020	-
• Arun Prakash: Nimn Varg Ke Trasadi Ke Katha Kaar	27.11.2020	-
• Shabdo Ka Sahi Prayog	29.01.2021	-
• Samay Samaj aur Akhyan delivered by famous writer, editor- Shri Akhilesh	26.02.2021	-

### Research Publications:

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

- Dr. Bipin Tiwari

01. Nagarnama, Banasjan, July – December 2019, Page 152 – 167

02. Samay Ki Shinakht, Baya, January –March 2020 Page 146-149

- Ms. Mamata Verlekar

01. Jaag, Ank-2, September 2020, year 47 – ‘ Laprek Mogan Shaar Javap Gadyache Ek Nave  
Roop – Page 14

Book Chapters - Nil

Books - Nil

PhDs

Degrees Awarded

01. Dr. Ranjit Kumar Tiwari

02. Dr. Sundaram Sharma

Submitted

Students on roll

01. Priyanka Velip

## 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, चिंतन अनी कार्य	8 Mar 2019	Goa University
Translation Workshop Bhasha-Vardhini (भाषा-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 Konkani 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. Collehe 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

- Sunita S. Umraskar**, *Ph.D.*, Associate Professor – Linguistics, Medieval Marathi Literature and Modern form of Literature
- Vinay Madgaonkar**, *M.A* Assistant Professor – History of Modern Marathi Literature (1818-1947) & Marathi Translations from Indian Literature
- Chinmay Madhu Ghaisas**, *M.A.*, Assistant Professor -Translation Studies & Comparative Literature, Creative Writing, Professional Marathi & Grammar, Journalism & Mass Media, Marathi Drama, Science fiction in Marathi.
- Bapat Vinayak Alias Vinay Laxman**,*M.A.*, Assistant Professor -Literary Criticism, Ancient Marathi Literature, Marathi Novels
- Purva Pandit Vasta**, *M.A.*, Assistant Professor - Translation Studies, Comparative Literature, Modern Marathi Literature

### Major Thrust Areas and Achievements:

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

### Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
NIL	NIL	NIL	NIL	NIL

### Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date
NIL	NIL	NIL	NIL

### Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
National seminar – Historical Marathi Literature	27 <sup>th</sup> & 28 <sup>th</sup> Nov 2019	VRPP- Under SantSohirobanathAmbiye chair
Study Tour	14 <sup>th</sup> August 2019	VRPPUnder SantSohirobanathAmbiye chair

Recording of Marathi song	31 <sup>st</sup> July 2019	VRPPUnder SantSohirobanathAmbiye chair
GhumatAartiInter College Competition	29th August 2019	VRPPUnder SantSohirobanathAmbiye chair

### Research Publications:

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

Sr.no	Research paper	Journal	ISSN	Date	Name
1	Bhashantaratan Artharjan	Aayushi International Interdisciplinary Research Journal	2349- 638x	January 2020	Mr Vinay Madgaonka r,
2	ParyavaranSamv ardhanalaPradha nyaDenareSants ahitya	Ajanta	2277- 5730	March 2020	Mr Vinay Madgaonka r
3	JnaneshwaritilK hagolVijnanVivar an	Ajanta	2277- 5730	April- June 2020	Mr Vinay Madgaonka r,
4	Siolim Goa yethilloknatya 'zagar'	Tiffin	2231- 57x	July- December 2020	Mr Vinay Madgaonka r,

### Book Chapters

Sr. no	Research paper	Book	ISBN	Dat e	Name
1	RashtravadPrajvalitKarnarisahityakr utiGomantghata	Nation, National ism and Literatu re	978- 81- 9250 27-2- 4	20 20	Mr Vinay Madgaon kar,

Books: Nil

PhDs

Degrees Awarded

Submitted

Students on roll

NIL

03

03

## 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, Besançon, 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](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](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	21 Jan 2019

		Peregrinação	
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 Aveiro, Portugal	J.H. Cunha Rivara Chair V.R.P.P. Course Pro 122 Lusosonia: Post-colonial cartographies on sounds and memories	29 Jan-8 Feb 2019

Achievement:

- Sahapedia-UNESCO Fellowship 2019 to Dr. Pedro Pombo

#### **Seminars, Conferences, Workshops, etc., organized:**

<b>Programme</b>	<b>Date</b>	<b>Major Sponsors</b>
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 4<sup>th</sup> 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 4<sup>th</sup> 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. APROLÍNGUAS (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 Norohna	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](http://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.; Duraippah, A. and Nawn, N. Springer, Singapore. 2018; 165-183. DOI: [https://doi.org/10.1007/978-981-10-5675-8\\_10](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
- Mozinha 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. दादलोआनीबाईलपरस्परसंबाद, 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
- **Rajavi Damodar Naik**, M.A., Assistant Professor -Applied Ethics and Indian Philosophy

### Contributory Faculty:

- *Dr. Santiago Lusardi Girelli, Ph.D., Philosophy and Aesthetics.*
- *Ms. Sendra Florencia Pereira, M.A., Bio Ethics*

### Major Thrust Areas and Achievements:

#### Thrust Areas:

The research interests of the faculty members cover a variety of philosophical problems, notions and systems in both Indian and Western Philosophy.

#### Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Koshy Tharakan, Department of Philosophy, Goa University		Resource for Internationalisation of Higher Education Institution in India	Erasmus+	9,69,119

#### Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date
Prof. Sonia Sikka	Department of Philosophy, University of Ottawa, Canada	Heidegger's Question Concerning Technology	5 <sup>th</sup> February, 2020
Prof. Sonia Sikka	Department of Philosophy, University of Ottawa, Canada	Belief and Belonging Reflections on the idea of Religion	7 <sup>th</sup> February, 2020
Prof. Job Kozhamthadam	Director, Indian Institute of Science and Religion, Delhi	Artificial Intelligence and Human Future: A Technological and Philosophical Prospective	20 <sup>th</sup> February, 2020
Prof. Dhruv Raina	Jawaharlal Nehru University, New Delhi	Revisiting the dialectic of enlightenment: The Popper- Adorno Debate Today ,(Public Lecture under VRPP)	28 <sup>th</sup> February, 2020
Prof. Dhruv Raina	Jawaharlal Nehru University, New Delhi	Physicist in Conversation: A Trans-cultural History of Physics ( Public Lecture under VRPP)	29 <sup>th</sup> February, 2020
Prof. Dhruv Raina	Jawaharlal Nehru University, New Delhi	The entangled histories of Philosophy and science in the twentieth Century India (Public Lecture under VRPP)	2 <sup>nd</sup> March, 2020
Dr. Subodh Kerkar	Mario Miranda Visiting Research Professor	Introduction to Contemporary Art (2 Credit Course Under VRPP)	25 <sup>th</sup> February 2020 to 4 <sup>th</sup> March, 2020

### Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
Workshop on "Under- Graduate Curriculum in Philosophy"	6 <sup>th</sup> March, 2020	Department of Philosophy, Goa University

### Research Publications:

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

- Singh, M. (2019). Social Justice and Sustainable Development. *Problemy Ekorozwoju*, Vol.14, No. 2, pp.57-62.
- Singh, M. (2020). The Notion of Good Life: A Dialogue on the Moral Foundations of Legitimacy. *Journal of Indian Council of Philosophical Research*, Vol.37, No.1, pp.83-95.

Book Chapters: Nil

Books: NIL

PhDs

Degrees Awarded: 0

Submitted: 01

Students on roll: 18

## 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 Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Rao, N.	Ongoing	Preliminary Investigation into the Archival Sources relating to Indo-Oman Trade Relationship in the Pre-modern Period in the Goa Archives	National Records and Archives Authority, Sultanate of Oman	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 लोकसत्ताक्रांती: दयानंदबांदोडकर आणि गोव्यात बहुजनांचा 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. 11<sup>th</sup> 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
- **Shraddha Shrikant Naik**, Ph.D., Assistant Professor – International Relations, India's Foreign Policy, Interregionalism and BRICS
- **Prachi Satyavan Naik**, M.A., Assistant Professor – Political Theory, Language Politics, Cultural Politics, Electoral Politics

### Major Thrust Areas and Achievements:

Thrust Areas: The Department maintained its focus on teaching and research in the areas of Local Government, Indian Democracy and South Asia. A major initiative was its partnership with the Election Commission of India/Chief Electoral Officer, Goa for the creation of e learning content on Democracy and Electoral Management which could be useful for election officers as well as general public. The Department also launched a Certificate Programme in Community Engagement and Rural Development in collaboration with Goa Institute of Public Administration and Rural Development, conducted in both online/offline mode. Department was also made the nodal point for coordinating events on 70<sup>th</sup> Anniversary Celebrations of Indian Constitution.

### Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Nil				



## Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date

## Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
National Seminar on Indic Thought: Exploring the Indianness	28 <sup>th</sup> & 29 <sup>th</sup> January, 2019	ICSSR, New Delhi

## Research Publications:

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

- Desai, P. S. (2019). ಉನ್ನತ ಶಿಕ್ಷಣದ ಮೇಲಿನ ದಾಳಿ [Unnata Shikshanada Melina Dali](Attack on Higher Education)(Kannada) (Kembauta)
- Desai, P.S. (2019).Quest for egalitarian socio-spiritual order: Lingayats and their practices , (Journal of Human Values, Sage)
- Desai, P.S. (2020). ರಾಜಕೀಯ ಸುಳ್ಳು ಮತ್ತು ಕರೋನಾ [Rajakiya Sullugalu Mattu Corona](The Political Lies and Corona)(Kannada) (Kembauta)
- Shringare A.P. (2019). Goa 2019: Sway of Regional Factors. (Economic and Political Weekly), 54(32), August.
- Shringare A.P. (2019). The 2019 Peoples Verdict in Goa: Lesson for the BJP. (Social Science in Perspective). 11(3&4).

## Book Chapters

- Patagundi, S. S., & Desai, P. S. (2020). Karnataka: BJP's spectacular victory over the Congress and JD (S). Sage.
- Naik, Shraddha. (2019). The Emergence of BRICS: An Extension of Interregionalism to the Global South. Verlag Barbara Budrich.
- Tripathi, Rahul (2019) Marginality and its Contestations:A Case of Mining Affected in Goa in Nimruji J.Workers and Margins:Grasping Erasures and Opportunities, Palgrave Macmillan
- Tripathi,Rahul (2020) Common Currency in South Asia:An Optimalist Assessment in A.S.Raju, New Futures for South Asia: Commerce and Connectivity, Routledge India

Books

Nil

PhDs

Degrees Awarded 2 Submitted 2 Students on roll 12

1. Sara M. George: Creation of Small States in India: Administrative and Developmental Perspective, 2020.
2. Mukund Narvekar: Managing India's Maritime Security Post 26/11

## 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

•**Clara Astarloa**, *M.A.*, Assistant Professor – Spanish Studies

*Contractual*

•**Yugank Naik**, *M.A.*, Assistant Professor– International Relations

### Major Thrust Areas and Achievements:

Thrust Areas: International Relations and Area Studies (South Asian, European, Latin American and Caribbean, Chinese, Maritime Studies and among others).

### Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Nil	Nil	Nil	Nil	Nil

### Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date
Nil	Nil	Nil	Nil
Nil	Nil	Nil	Nil
Nil	Nil	Nil	Nil

### Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
3 <sup>rd</sup> India Forum on China @ Goa “China and Asia’s changing Geopolitics	06.12.2019 07.12.2019	Institute of Chinese Studies, New Delhi, Kourad Adenauer Stiftung Foundation and Goa University
National Seminar “India- Argentina Relations @70”	12.12.2019 13.12.2019	Goa University
Webinar - Post COVID-2019 GLOBAL Schema: Strategic Opportunity or Challenged for Indian Foreign Policy?	18.07.2020	Goa University

### Research Publications:

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

#### Book Chapters

- Parulekar, D. D. (2019). Mega-Regions in Industrialisation, Urbanisation & Infrastructure Development: The Indian Experience for Asia-Europe-Latin America Dialogue. Universidad Megatrend, Belgrado.
- Gangopadhyay, A. (2019). From Historical Linkages to Transformative Convergences: India-Brazil Cultural and Educational Relations in the 21st century. Universidad Megatrend, Belgrado.
- Parulekar, D.D. (2019). "India, Latin America and the Caribbean", in 'India's Foreign Policy : Towards Resurgence', Gen. Dhruv Katoch (ed.), Pentagon Press, New Delhi, 2019, pp. 136-145. ISBN 978-93-86618-78-8.

#### Books

- Astarloa, C. (2019). Mandalay. Copper Coin Publishing Pvt Ltd, Delhi.

#### PhDs

Degrees Awarded: Nil      Submitted: Nil      Students on roll: 09

## 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 Talpankar	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 Women	Min. of Women and Child Development, GOI and the Dept. of Women and Child, Govt. of Goa	40.00

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

<b>Programme</b>	<b>Date</b>	<b>Major Sponsors</b>
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	13 Mar	S.S. Dempo College of

Commerce and Economics, Bambolim	2019	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. *102<sup>nd</sup> 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. *103<sup>rd</sup> 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.ijnslt.com/files/ijnslt-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

<b>Santosh G. Tilve</b>	<i>Ph.D.</i> Senior Professor	Synthetic Organic Chemistry
<b>B.R. Srinivasan</b>	<i>Ph.D.</i> Professor	Synthetic Inorganic Chemistry
<b>V.S. Nadkarni</b>	<i>Ph.D.</i> Professor	Organic Chemistry, Polymer Chemistry
<b>Vidhyadatta M. Shet Verenkar</b>	<i>Ph.D.</i> Professor	Solid State Chemistry: Synthesis and Characterization of Spinel: Ferrites/Manganites/ Cobaltites, Applications: Gas sensing/Catalysis
<b>Rajendra N. Shirsat</b>	<i>Ph.D.</i> Professor	Computational and Theoretical Chemistry
<b>Sunder N. Dhuri</b>	<i>Ph.D.</i> Assist. Professor	Coordination Compounds, Synthetic Inorganic Chemistry, Bio-inorganic Chemistry
<b>Siddhali V. Girkar</b>	<i>M.Sc.</i> Assistant Professor	Organic Chemistry
<b>Pranay P. Morajkar</b>	<i>Ph.D.</i> Assistant Professor	Nanostructured materials, Reaction kinetics, Energy & Environmental Applications
<b>Rohan Keshav Kunkalekar</b>	<i>Ph.D.</i> Assistant Professor	Catalysis, Solid State Chemistry, Nano-Material synthesis
<b>Sandesh Tukaram Bugde</b>	<i>Ph.D.</i> Assistant Professor	Synthetic Organic Chemistry, Photoredox Catalysis, Asymmetric Organocatalysis
<b>Sheshanath V. Bhosale</b>	<i>Ph.D.</i> UGC - Professor	Organic supramolecular chemistry, sensors, artificial photosynthesis and organic solar cells

**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

#### *Contractual/Tenure*

- **Mahesh M Majik**, *Ph.D.*, Assistant Professor (Tenure, till Aug 2019)
- **Prachi S. Torney** *Ph.D.*, Assistant Professor (Contract) Organic Synthesis and Methodologies, Heterocyclic and Medicinal Chemistry, Domino Reactions, Photocatalysis, Analytical Method Development, Biochemistry
- **Kanchanmala B. Deshpande** *Ph.D.*, Assistant Professor (Tenure) Bio-analytical Chemistry, Sensing and remediation of toxic analytes
- **Kiran T. Dhavskar** *Ph.D.*, Assistant Professor (Contract) Anion receptor chemistry, Analytical Chemistry, Imaging studies and method development, Sensing, separation, and remediation of toxic analytes, Generation and development of green methodologies, techniques and materials
- **Bhanudas Naik** *Ph.D.*, Assistant Professor (Contract) Physical Chemistry
- **Vivekanand VamanGobre** *Ph.D.* Assistant Professor (Contract) Natural Sciences, Theoretical Physics, Chemistry, Intermolecular Interactions, Materials modeling, Computer Science, parallel processing CPU/GPUs, Advance computing. Scanning probe microscopy, Quantum Biology

#### **Major Thrust Areas and Achievements:**

##### **Thrust Areas:**

- Analytical Chemistry
- Anion Receptors and Ion-Pair Receptors
- Asymmetric Organocatalysis
- Bio-inorganic Chemistry
- Catalysis
- Computational and Theoretical Chemistry
- Coordination Compounds
- Environmental Chemistry, Catalysis & Chemical Sensors
- Hydrogen Bonded Supramolecular Capsules and Metal Organic Cages
- Intermolecular Interactions
- Laser, Optics and Gas Kinetics
- Materials Science
- Metal Carboxylates
- Nano-Material synthesis
- Nanoscience
- Optical Spectroscopy
- Organic Chemistry
- 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
- Synthetic Organic Chemistry
- Theoretical Chemistry

**Projects:**

<b>Project Investigator</b>	<b>Status</b>	<b>Title</b>	<b>Funding agency</b>	<b>Grant (Rs. in Lakhs)</b>
Tilve, S.G.	Ongoing	Diastereo and Enantioselective Synthesis of Alkaloids Containing Pyrrolidine and Piperidine Motif	CSIR	24.86
Dhuri, S.N.	Ongoing	Design of New Transitional Metal Catalyst for Biomimetic Organic Oxidations	CSIR	9.27
Morajkar, P.P.	Completed	Investigation of the effect of reservoir rock composition on the reactivity of CO <sub>2</sub> /O <sub>2</sub> 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
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	Intramolecular Dehydrogenative Coupling (IMDC) Reactions for the	DST-SERB	42.11

		Synthesis of Heterocyclic Scaffolds		
Tilve, S.G.	Ongoing	Green Chemistry Approach for the Synthesis of Bioactive Heterocycles	UGC	9.33
Rohan Kunkalekar	Ongoing	Shape Selective Metal Oxide Based Nano-catalysts for Environmental Remediation	UGC Start up Grants	10
Sandesh Bugde	Ongoing	Design, Synthesis and Application of Heterocyclic Quinones as Organic Photoredox Catalysts for Organic Transformations	UGC Start up Grants	10
SCS	Ongoing	SAP DSA-I	UGC	18
SCS	Ongoing	FIST	DST	240

### Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date
-	-	-	-

### Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
'14th Annual One Day Symposium on the theme, "Fascinating world of Chemical Sciences" for TY BSc students, at School of Chemical Sciences	14 <sup>th</sup> March 2020	UGC SAP & SCS

### Research Publications:

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

- Abbas, K., Hussain, M. A., Bukhari, S. N. A., Amin, M., Tahir, M. N., & Bhosale, S. V. (2020). Flurbiprofen conjugates based on hydroxyethylcellulose: Synthesis, characterization, pharmaceutical and pharmacological applications. *Arabian Journal of Chemistry*, 13(1). <https://doi.org/10.1016/j.arabjc.2018.03.011>
- Aljabri, M. D., Gosavi, N. M., Jones, L. A., Morajkar, P. P., La, D. D., & Bhosale, S. V. (2019). Arginine-induced self-assembly of protoporphyrin to obtain effective

- photocatalysts in aqueous media under visible light. *Molecules*, 24(22).  
<https://doi.org/10.3390/molecules24224172>
- Aljabri, M. D., Jadhav, R. W., Al Kobaisi, M., Jones, L. A., Bhosale, S. V., & Bhosale, S. V. (2019). Antenna-like ring structures via self-assembly of octaphosphonate tetraphenyl porphyrin with nucleobases. *ACS Omega*, 4(7).  
<https://doi.org/10.1021/acsomega.9b00909>
  - Aljabri, M. D., La, D. D., Jadhav, R. W., Jones, L. A., Nguyen, D. D., Chang, S. W., Tran, L. D., & Bhosale, S. V. (2019). Supramolecular nanomaterials with photocatalytic activity obtained via self-assembly of a fluorinated porphyrin derivative. *Fuel*, 254.  
<https://doi.org/10.1016/j.fuel.2019.115639>
  - Asogekar, P. A., & Verenkar, V. M. S. (2019). Structural and magnetic properties of nanosized Co sub (x) Zn sub ((1-x)) Fe sub (2) O sub (4)(x= 0.0, 0.5, 1.0) synthesized via autocatalytic thermal decomposition of hydrazinated cobalt zinc ferrous succinate.
  - Bhargao, P. H., & Srinivasan, B. R. (2019). Synthesis and structural characterization of a barium coordination polymer based on a micro sub (2)-monoatomic bridging 4-nitrobenzoate, *J. Coord. Chem.*, 72, 2599-2615.  
<https://doi.org/10.1080/00958972.2019.1666980>
  - D. Jawale Patil, P., D. Ingle, R., M. Wagalgave, S., S. Bhosale, R., V. Bhosale, S., P. Pawar, R., & V. Bhosale, S. (2019). A Naphthalimide-Benzothiazole Conjugate as Colorimetric and Fluorescent Sensor for Selective Trinitrophenol Detection. *Chemosensors*, 7(3). <https://doi.org/10.3390/chemosensors7030038>
  - Gaikwad, S. V., Nadimetla, D. N., Al Kobaisi, M., Devkate, M., Joshi, R., Shinde, R. G., ... & Lokhande, P. D. (2019). Iodine-DMSO-Catalyzed Chemoselective Biomimetic Aromatization of Tetrahydro- $\beta$ -carboline-3-carboxylic Acid: Mechanism Study with DFT-Calculaton. *ChemistrySelect*, 4(34), 10054-10059.
  - Gokakakar, S. D., Pavaskar, P. A., & Salker, A. V. (2020). Photo-catalytic studies of Mn and Fe tetraphenyl porphyrins in the degradation of Amido Black 10B dye with solar light. *SN Applied Sciences*, 2(2). <https://doi.org/10.1007/s42452-020-1989-8>
  - Goskulwad, S. P., Nadimetla, D. N., Shaikh, D. B., La, D. D., Al Kobaisi, M., Bhosale, R. S., Bhosale, S. V., & Bhosale, S. V. (2020). Supramolecular self-assembly of naphthalene diimidebolaamphiphile with biologically important amines: Cyclam, spermine and melamine. *Journal of Molecular Structure*, 1206.  
<https://doi.org/10.1016/j.molstruc.2020.127743>
  - Harmalkar, D. S., Santosh, G., Shetgaonkar, S. B., Sankaralingam, M., & Dhuri, S. N. (2019). A putative heme manganese(v)-oxo species in the C-H activation and epoxidation reactions in an aqueous buffer. *New Journal of Chemistry*, 43(33).  
<https://doi.org/10.1039/c9nj01381d>
  - Harmalkar, S. S., Butcher, R. J., Gobre, V. V., Gaonkar, S. K., D'Souza, L. R., Sankaralingam, M., Furtado, I., & Dhuri, S. N. (2019). Synthesis, characterization and antimicrobial properties of mononuclear copper(II) compounds of N,N'-di(quinolin-8-yl)cyclohexane-1,2-diamine. *Inorganica Chimica Acta*, 498.  
<https://doi.org/10.1016/j.ica.2019.119020>
  - Jadhav, R. W., Kobaisi, M. Al, Jones, L. A., Vinu, A., & Bhosale, S. V. (2019). The Supramolecular Self-Assembly of Aminoglycoside Antibiotics and their Applications. In *ChemistryOpen* (Vol. 8, Issue 9). <https://doi.org/10.1002/open.201900193>
  - Jadhav, R. W., La, D. D., More, V. G., Tung Vo, H., Nguyen, D. A., Tran, D. L., & Bhosale, S. V. (2020). Self-assembled kanamycin antibiotic-inorganic microflowers and their application as a photocatalyst for the removal of organic dyes. *Scientific Reports*, 10(1).  
<https://doi.org/10.1038/s41598-019-57044-z>

- Kadam, H., Gawas, A. L., Vernekar, S. S., Chodankar, A. A., Gaonkar, S. S., Salgaonkar, L., Anvekar, T., Vaz, T., & Mhaldar, S. (2020). Pivalic acid assisted Biginelli reaction for synthesis of dihydropyrimidinones and dihydrothiopyrimidinones. *Indian Journal of Chemistry -Section B (IJC-B)*, 59B, 677-681.
- Kerkar, R. D., & Salker, A. V. (2020). Nitric oxide reduction by carbon monoxide and carbon monoxide oxidation by O<sub>2</sub> over Co–Mn composite oxide material. *Applied Nanoscience*, 10(1), 141-149.
- Lama, P., Hazra, A., & Barbour, L. J. (2019). Accordion and layer-sliding motion to produce anomalous thermal expansion behaviour in 2D-coordination polymers. *Chemical Communications*, 55(80). <https://doi.org/10.1039/c9cc06634a>
- Liu, W., Shaikh, D. B., Rao, P. S., Bhosale, R. S., Said, A. A., Mak, A. M., Wang, Z., Zhao, M., Gao, W., Chen, B., Lam, Y. M., Fan, W., Bhosale, S. V., Bhosale, S. V., & Zhang, Q. (2020). Molecular Aggregation of Naphthalene Diimide (NDI) Derivatives in Electron Transport Layers of Inverted Perovskite Solar Cells and Their Influence on the Device Performance. *Chemistry - An Asian Journal*, 15(1). <https://doi.org/10.1002/asia.201901452>
- Meena, S. N., Naik, M. M., Ghadi, S. C., & Tilve, S. G. (2019).  $\alpha$ -Glucosidase inhibition activity and in silico study of 2-(benzo [d][1, 3] dioxol-5-yl)-4H-chromen-4-one, a synthetic derivative of flavone. *Bioorganic & medicinal chemistry*, 27(12), 2340-2344.
- Mhaldar, S. N., & Tilve, S. G. (2019). Total Synthesis of 2-(2-Ketoalkyl)-piperidine Alkaloids (+)- Pelletierine, (+)-Haloxynine and (-)-N-Methyl-pelletierine via Regioselective Wacker Oxidation. *ChemistrySelect*, 4(29). <https://doi.org/10.1002/slct.201902115>
- Morajkar, P. P., Guerrero Pena, G. D., Raj, A., Elkadi, M., Rahman, R. K., Salker, A. V., ... & Cha, M. S. (2019). Effects of camphor oil addition to diesel on the nanostructures and oxidative reactivity of combustion-generated soot. *Energy & Fuels*, 33(12), 12852-12864.
- Naik, A. P., Mittal, H., Wadi, V. S., Sane, L., Raj, A., Alhassan, S. M., ... & Morajkar, P. P. (2020). Super porous TiO<sub>2</sub> sub (2) photocatalyst: Tailoring the agglomerate porosity into robust structural mesoporosity with enhanced surface area for efficient remediation of azo dye polluted waste water.
- Naik, C. C., & Salker, A. V. (2019). Effect Cr<sup>3+</sup> Ion Substitution on the Structural, Magnetic, and Dielectric Behavior of Co–Cu Ferrite. *Journal of Superconductivity and Novel Magnetism*, 32(11), 3655-3669.
- Naik, V. M., Gunjal, D. B., Gore, A. H., Anbhule, P. V., Sohn, D., Bhosale, S. V., & Kolekar, G. B. (2020). Nitrogen-doped carbon dot threads as a “turn-off” fluorescent probe for permanganate ions and its hydrogel hybrid as a naked eye sensor for gold(III) ions. *Analytical and Bioanalytical Chemistry*, 412(12). <https://doi.org/10.1007/s00216-020-02550-7>
- Narulkar, D. D., Devulapally, K., U., A. K., Dhuri, S. N., Dhavale, V. M., Vardhaman, A. K., & Giribabu, L. (2020). A novel nonheme manganese(II) complex for (electro) catalytic oxidation of water. *Sustainable Energy and Fuels*, 4(6). <https://doi.org/10.1039/d0se00232a>
- Narvekar, K. U., & Srinivasan, B. R. (2020). 2-Amino-anilinium 4-methyl-benzene-sulfonate. *IUCrData*, 5 (2020) x200230 <https://doi.org/10.1107/S2414314620002308>.
- Narvekar, K. U., & Srinivasan, B. R. (2020). Benzene-1,2-diaminium bis(4-methylbenzene-1-sulfonate). *IUCrData*, 5 (2020) x200100 <https://doi.org/10.1107/S2414314620001005>

- Parmekar, M. V., & Salker, A. V. (2019). An incredible magnetic Pd/CuFe sub (2) O sub (4) catalyst for low-temperature aqueous Suzuki-Miyaura coupling.
- Parmekar, M. V., & Salker, A. V. (2020). Highly tuned cobalt-doped MnO<sub>2</sub> nanozyme as remarkably efficient uricase mimic. *Applied Nanoscience*, 10(1), 317-328.
- Patil, P. D. J., Wagalgave, S. M., Ingle, R. D., Nanubolu, J. B., Bhosale, R. S., Bhosale, S. V., Pawar, R. P., & Bhosale, S. V. (2019). Merocyanine-Benzothiazole Chromophore-Based Sensor for Selective Picric Acid Detection. *ChemistrySelect*, 4(34). <https://doi.org/10.1002/slct.201902722>
- Pawar, V. M., & Nadkarni, V. S. (2020). Preparation of thin films of cellulose acetate-nitrocellulose blend for solid state nuclear track detection using spin coating technique. *Journal of Radioanalytical and Nuclear Chemistry*, 323(3). <https://doi.org/10.1007/s10967-019-06931-w>
- Pawar, V. M., Beck, M., Shetgaonkar, A. D., Pal, R., Bakshi, A. K., & Nadkarni, V. S. (2020). Synthesis and application of boron polymers for enhanced thermal neutron dosimetry. *Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms*, 462. <https://doi.org/10.1016/j.nimb.2019.11.011>
- Petrosyan, A. M., & Srinivasan, B. R. (2019). "Urea oxalic acid" is not parabanic acid. *Chin J Phys*, 61, 272-273. <https://doi.org/10.1016/j.cjph.2019.09.002>
- Petrosyan, A. M., & Srinivasan, B. R. (2019). In fact, L-threonine. *Chin J Phys*, 61 (2019) 235-237. <https://doi.org/10.1016/j.cjph.2019.09.003>
- Rao, P. S., More, V. G., Jangale, A. D., Bhosale, S. V., Bhosale, R. S., Puyad, A. L., Chen, J. Y., Li, J. L., Bhosale, S. V., Gupta, A., & Sharma, G. D. (2019). A series of V-shaped small molecule non-fullerene electron acceptors for efficient bulk-heterojunction devices. *Dyes and Pigments*, 171. <https://doi.org/10.1016/j.dyepig.2019.107677>
- Rodrigues, L., & Majik, M. S. (2019). Progress towards the Total Syntheses of Lycopodium Alkaloid, Lycopladiene A. In *Asian Journal of Organic Chemistry* (Vol. 8, Issue 8). <https://doi.org/10.1002/ajoc.201900262>
- Salkar, A. V., Fernandes, R. X., Bhosale, S. V., & Morajkar, P. P. (2019). NH- and CH-Substituted Ureas as Self-Assembly Directing Motifs for Facile Synthesis and Electrocapacitive Applications of Advanced WO<sub>3</sub>-x One-Dimensional Nanorods. *ACS Applied Energy Materials*, 2(12), 8724-8736.
- Samanta, M., Rananaware, A., Nadimetla, D. N., Rahaman, S. A., Saha, M., Jadhav, R. W., Bhosale, S. V., & Bandyopadhyay, S. (2019). Light triggered encapsulation and release of C60 with a photoswitchable TPE-based supramolecular tweezers. *Scientific Reports*, 9(1). <https://doi.org/10.1038/s41598-019-46242-4>
- Shaikh, D. B., Ali Said, A., Wang, Z., Srinivasa Rao, P., Bhosale, R. S., Mak, A. M., ... Bhosale, S. V., & Zhang, Q. (2019). Influences of structural modification of naphthalenediimides with benzothiazole on organic field-effect transistor and non-fullerene perovskite solar cell characteristics. *ACS applied materials & interfaces*, 11(47), 44487-44500.
- Shejul, D. A., Wagalgave, S. M., Jadhav, R. W., Kobaisi, M. A., La, D. D., Jones, L. A., Bhosale, R. S., Bhosale, S. V., & Bhosale, S. V. (2020). Aggregation-induced emission characteristics and solvent triggered hierarchical self-assembled chiral superstructures of naphthalenediimide amphiphiles. *New Journal of Chemistry*, 44(4). <https://doi.org/10.1039/c9nj05137f>
- Shete, M. D., & Fernandes, J. B. (2019). A simple solid state method to synthesize nanosize ferromagnetic alpha-Fe sub (2) O sub (3) with enhance photocatalytic activity in sunlight. *Bull. Mater. Sci.* 42, 254.



- Shetgaonkar, A. D., & Nadkarni, V. S. (2019). Synthetically Induced 1→4-C Branching Motif - An Access Towards Dense Urethane Connecting Dendritic Scaffolds and Application in Nuclear Track Detection. *ChemistrySelect*, 4(42). <https://doi.org/10.1002/slct.201903243>
- Siddiqui, K. A., Bharati, A. K., & Lama, P. (2020). Zinc-orotate coordination polymer: synthesis, thermogravimetric analysis and luminescence properties. *SN Applied Sciences*, 2(3). <https://doi.org/10.1007/s42452-020-2197-2>
- Singh, G., Lakhi, K. S., Sil, S., Bhosale, S. V., Kim, I. Y., Albahily, K., & Vinu, A. (2019). Biomass derived porous carbon for CO sub (2) capture.
- Srinivasan, B.R., Khandolkar, S.S., & Morajkar, S.M., (2020) Structural identification of two differently coordinated heptamolybdate ligands in a hexamagnesium compound, *Indian J Chem*, 59A, 517-525. <http://nopr.niscair.res.in/handle/123456789/54459>
- Srinivasan, B. R., & Petrosyan, A. M. (2020). In fact, L-alanine. In *Journal of Crystal Growth*, 533, 125477. <https://doi.org/10.1016/j.jcrysgro.2019.125477>
- Srinivasan, B. R., & Tylczyński, Z. (2020). Comments on the paper “Growth and optical studies of tris (thiourea) potassium barium sulphate crystal: a novel semiorganic NLO bimetallic crystal.” *Mat Res Innov*, 24, 58-60. <https://doi.org/10.1080/14328917.2019.1580890>
- Srinivasan, B. R., Bhargao, P. H., & Sudhadevi, P. K. (2020). Diaquatetrakis(μ-3-methoxybenzoato)di-copper(II), *IUCrData*, 5 (2020) x200488 <https://doi.org/10.1107/S2414314620004484>
- Srinivasan, B. R., Morajkar, S. M., Khandolkar, S. S., Gobre, V. V., & Apreyan, R. A. (2020). Synthesis, crystal structure and properties of a new noncentrosymmetric tetraoxido molybdate(VI). *Journal of Molecular Structure*, 1204. <https://doi.org/10.1016/j.molstruc.2019.127518>
- Srinivasan, B. R., Parsekar, N. U., Apreyan, R. A., & Petrosyan, A. M. (2019). On the second harmonic generation activity in centrosymmetric crystals, *Molecular Crystals & Liquid Crystals*, 680, 75-84. <http://dx.doi.org/10.1080/15421406.2019.1624027>
- Srinivasan, B. R., Petrosyan, A. M., & Tylczyński, Z. (2020). Comments on ‘Process development and characterization of centrosymmetric semiorganic nonlinear optical crystal: 4-Dimethylaminopyridine potassium chloride.’ In *Physica B: Condensed Matter*, 582. <https://doi.org/10.1016/j.physb.2020.411997>
- Srinivasan, B. R., Tari, S. P., Parsekar, N. U., & Narvekar, K. U. (2020). Synthesis and structure characterization of [Co(H<sub>2</sub>O)<sub>2</sub>(DMSO)<sub>2</sub>(4-nba)]<sub>4</sub>-nba (DMSO = dimethylsulfoxide; 4-nba = 4-nitrobenzoate), *Indian J Chem*, 59A (2020) 51-56. <http://nopr.niscair.res.in/handle/123456789/53451>
- Tilvi, S., & Majik, M. S. (2019). 2D NMR Studies of Bromotyrosine Alkaloid, Purpurealidin K from Marine Sponge *Psammoplysilla purpurea*. *ChemistrySelect*, 4(21). <https://doi.org/10.1002/slct.201803830>
- Volvoikar, P. S., Tilve, S. G., & Zubkov, F. I. (2019). A Concise Approach for the Synthesis of the ABCD Ring System of Alpinidine. *ChemistrySelect*, 4(24). <https://doi.org/10.1002/slct.201900357>
- Wagalgave, S. M., Bhosale, S. V., Bhosale, R. S., Puyad, A. L., Chen, J. Y., Li, J. L., Evans, R. A., Gupta, A., & Bhosale, S. V. (2019). An efficient, three-dimensional non-fullerene electron acceptor: Functionalizing tetraphenylethylene with naphthalene diimides. *Materials Chemistry Frontiers*, 3(6). <https://doi.org/10.1039/c9qm00129h>
- Wagalgave, S. M., Padghan, S. D., Burud, M. D., Kobaisi, M. Al, La, D. D., Bhosale, R. S., Bhosale, S. V., & Bhosale, S. V. (2019). Supramolecular super-helix formation via self-

assembly of naphthalene diimidefunctionalised with bile acid derivatives. Scientific Reports, 9(1). <https://doi.org/10.1038/s41598-019-49235-5>

- Nadimetla, D.N.; Kobaisi, M.A.; Bugde, S.T.; Bhosale, S.V. (2020), Tuning achiral to chiral supramolecular helical superstructures. The Chemical Record. 20(8), 793-819. <https://doi.org/10.1002/tcr.202000004>.
- Dey, S.K.; Hernandez, B.G.; D'Souza, M.; Mhaldar, S.N.; Gobre, V.V.; Dhuri, S.N. (2019) Anion selective disruption of strong intramolecular -NH...O=C Hydrogen bonds in a nonchromogenic tripodal benzoylthiourea receptor to display colorimetric response. ChemistrySelect. 4(14); 2019; 4068-4073. <https://doi.org/10.1002/slct.201803577>
- Narvekar, A. A., Tilve, S. G., Fernandes, J. B. (2020) Transformation of a Fe–Mn oxide into a ferromagnetic  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> Journal of Thermal Analysis and Calorimetry 142:1207–1214. <https://doi.org/10.1007/s10973-019-09142-3>
- Narvekar, K.U., Nadkarni, V.S., Tylczyński, Z., & Srinivasan, B.R., Iron doping in sodium para-nitrophenolate dihydrate crystal: A case study Materials Today Communications 19 (2019) 349-351. <https://doi.org/10.1016/j.mtcomm.2019.03.002>
- Copolymers with Pendant N-Arylimide Groups via Atom Transfer Radical Polymerization: Synthesis, Characterization and Kinetic Study, Chetana Deoghare, Vishnu S. Nadkarni, Raghu N. Behera, and Rashmi Chauhan, Polymer Science, Series B, 2019, Vol. 61, No. 2, pp. 170–179.

#### Book Chapters

Deshpande Kanchanmala, Mishra Geetesh K. (2019), Chapter on Recent advances in bioanalytical techniques using enzymatic assay by Elsevier publisher. Book entitled “Advances in biological science research” 119-134

Books :NIL

Technical Reports :NIL

#### PhDs

Degrees Awarded : 04  
 Channapur Manjunath Bhimaray  
 Coutinho Daniel Marven  
 MardolkarSudarshanaDhanarath  
 Naik Chandan Chandrakant

Submitted : 04  
 Pawar Vishal Madhukar  
 GaunsDessaiPrajyoti Pandurang  
 Albuquerque Johnross Virgil  
 Narvekar Apurva Anand

Students on roll : 31  
 Shetgaonkar Abhijit Digamber  
 Bhargao Pooja Hanumantrao  
 Shete Madhavi Dattaram  
 Morajkar Sudesh Manohar  
 NarvekarKedarUmakant  
 Kerkar Rahul Damu  
 Asogekar Pratik A.  
 Parsekar Neha Uday  
 Harmalkar Dinesh Sham  
 Mandrekar Ketan Sharad  
 Mhaldar Shashank Nitin  
 HarmalkarSarveshShyam  
 D'Souza Luann Romaine  
 Rodrigues Lima  
 Naik Amarja Prashant  
 SalkarAkshay Vinod  
 Ghare Vipul Mangesh  
 More Vishal G.  
 Harmalkar Nikita N.  
 Zalmi Geeta  
 Khobrekar Pritesh P.  
 Valadares Joette  
 Vieges Jeffrey  
 Nadimetla Dinesh N.  
 Jadhav Ratan  
 More Kerba Shivaji  
 Sawal Mangala  
 Da costa Seneca  
 Domnic Savio Dias  
 NavelkarSanjali  
 Kotkar Gayatri

## **Department of Mathematics**

### **Faculty**

Full-time

- A.J. Jayanthan**, *Ph.D.*, Associate Professor, Retired on 30 November 2019
- MailattuKunhanandan**, *Ph.D.*, Assistant Professor – Functional Analysis, Combinatorics
- ManvendraTamba**, *Ph.D.*, Assistant Professor – Lie Algebra, Number Theory
- Yeshwant S. Valaulikar**, *Ph.D.*, Associate Professor, Retired on 30 November 2019
- Fernandes e Pereira Jessica**, PhD, Assistant Professor – Graph Theory, Joined on 30<sup>th</sup> April 2020

## Major Thrust Areas and Achievements:

**Thrust Areas:** Functional Analysis, Graph Theory, Lie Algebra, Number Theory, Combinatorics

## Research Publications:

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

1. Mamta Kumari & Valaulikar, Y.S. (2019). On positive solution of first order neutral delay differential equation. International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 14, Number 8, 2019 (Special Issue), pp 12-16 Research India Publications.  
<http://www.ripublication.com> UGC Approved Journal - 2017 (Journal No. - 64529) (Aug. 2019)
2. Jervin Zen Lobo and Y. S. Valaulikar, Lie Symmetries of First Order Neutral Differential Equations, published in Journal of Applied Mathematics and Computational Mechanics, 18(1), 2019, pp. 29-40. (UGC Care list, Web of Science). [<https://doi.org/10.17512/jamcm.2019.1.03>] (March 2019)
3. S. Arolkar and Y.S. Valaulikar, Identities involving partial derivatives of bivariate B-q-fibonacci and B-q-Lucas polynomials, Palestine Journal of Mathematics, Vol.9(1)(2020), 347-353. ( Jan. 2020 ) SCOPUS INDEXED
4. Jervin Zen Lobo and Y. S. Valaulikar, Group Analysis of the One Dimensional Wave Equation With Delay, published in Applied Mathematics and Computation, 378(125193), 2020, DOI: <https://doi.org/10.1016/j.amc.2020.125193>. (UGC Care list, Science Citation Index, SCOPUS, Web of Science). [<https://doi.org/10.1016/j.amc.2020.125193>] (March 2020 )

Book Chapters: NIL

Books: NIL

PhDs

Degrees Awarded

1 NIL

4

Submitted

Students on roll

Conference Presentations, Lectures, etc.

M. Kunhanandan gave the following invited talks/lectures

1. "The Calkin-Wilf Counting of the rationals"

Special Lecture at Mathematics Colloquim of the Department of Mathematics, School of Physical Sciences, Central University of Kerala, Kasaragod  
On 12 November, 2019.

1. "Orthogonal Matrices and Rigid Motions"

Invited talk at the National Seminar on Linear Operators and Spectral Theorem, organized by the Department of Mathematics, Government College, Kasaragod, 12-13 November, 2019.

2. Six Lectures on Analysis

As a Resource person at KSOM Talent Nurture Programme, organized by the Kerala School of Mathematics, at Amrita VishwaVidhyapeetham University, Amritapuri, Kollam during 26-31 December, 2019.

- Jessica Pereira Participated in a Webinar on "Use of Elsevier Tools for developing Research Workflow and Academic Writing" organized by the Directorate of Higher Education, Goa in collaboration with ELSEVIER on 18<sup>th</sup> May 2020.

## 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 StructuresDevelopment 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
Drupal Camp	2-3 Mar 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](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](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

- **PallaviPandhariGaude**, M. Sc., 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
- **Pranav P Naik**, Ph.D., Assistant Professor – Nanomaterial synthesis, Magnetism, Electrical properties, Radiation effect (Joined on July 1, 2020)
- **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)
- **ReshmaRautDessai**, Ph.D., Assistant Professor - Neutron Scattering, Porous media, Condensed matter Physics, Glass, Ceramics. (Joined on July 28, 2020)
- **Uma Subramanian**, Ph.D., Professor – Experimental Solid State Physics
- **CherukulappurathSudhir**, Ph.D., UGC-Assistant Professor – Nanophotonics, Plasmonics, Near-field optics, Super-resolution Microscopy

## Major Thrust Areas and Achievements:

Thrust Areas: Condensed Matter Physics and Materials Science

### Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Priolkar, K.R.		Effect of Site Occupancy Disorder on Martensitic Transformation in Mn Rich Magnetic Shape Memory Alloys	CSIR, New Delhi	10.9
		FIST	DST	₹ 14,000,000.00
Pahari, B.		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
Cherukulappurath S.		Optical Manipulation and Trapping Single Gold Shell Encapsulated Semiconductor Quantum Dots and Applications Towards Bioimaging	SERB-DST	49.5
Priolkar, K.R.		Understanding Dynamics of Magneto Structural Coupling in Manganese Inter-Metallics Exhibiting First Order Transition	SERB-DST	41.16
VenkateshHathwar		UGC Start up Grants	UGC	10,00,000.00
		SAP DRS-Phase III	UGC	₹ 7,600,000.00
Cherukulappurath S.		Reduced Graphene Oxide-Gold Nanoparticle Composite Based Surface Enhanced Raman Spectroscopy for Sensing Environmental Pollutants	UGC-DAE-CSR	12.58

### Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date
Prof.Kallol Bhattacharya	Calcutta University	Use of polarization-based TIR light microscopy for	11/06/2019



		refractive index distribution and surface roughness measurements	
Prof. Y. S. Prahalad	Formerly, Goa University	If Galileo Encountered Quantum Mechanics	31/07/2019

### Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors
Recent Trends in Condensed Matter Physics and Materials Science	12 <sup>th</sup> and 13 <sup>th</sup> March 2020	UGC-SAP and Goa University
Two-day Workshop on Material Science between University of Coimbra, University of Porto and Goa University	18 <sup>th</sup> and 19 <sup>th</sup> November 2019	Goa University
International Symposium of Optomechatronic Technologies	11 – 13 November 2019	Department of Science and Technology, Govt. of India.

### Research Publications:

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

- Baidya, T., Murayama, T., Nellaiappan, S., Katiyar, N. K., Bera, P., Safonova, O., ... & Haruta, M. (2019). Ultra-low-temperature CO oxidation activity of octahedral site cobalt species in Co<sub>3</sub>O<sub>4</sub> based catalysts: unravelling the origin of the unique catalytic property. The Journal of Physical Chemistry C, 123(32), 19557-19571.
- Gaonkar, V. N., Dias, E. T., Das, A., Nigam, A. K., & Priolkar, K. R. (2019). Modulations in magnetostructural coupling in C and Sn deficient Mn<sub>3</sub>SnC. Journal of Magnetism and Magnetic Materials, 488, 165357.
- Hathwar, V. R., Bhowal, R., & Chopra, D. (2020). Insights from electron density analysis into the charge transfer mechanism in a photoluminescent cocrystal of phenanthrene and tetrafluoro-1,4-benzoquinone. Journal of Molecular Structure, 1208. <https://doi.org/10.1016/j.molstruc.2020.127864>
- Hathwar, V. R., Nakamura, A., Kasai, H., Suekuni, K., Tanaka, H. I., Takabatake, T., ... & Nishibori, E. (2019). Low-Temperature Structural Phase Transitions in Thermoelectric Tetrahedrite, Cu<sub>12</sub>Sb<sub>4</sub>S<sub>13</sub>, and Tennantite, Cu<sub>12</sub>As<sub>4</sub>S<sub>13</sub>. Crystal Growth & Design, 19(7), 3979-3988.
- Kalaiarasi, C., George, C., Gonnade, R. G., Hathwar, V. R., & Poomani, K. (2019). Experimental and theoretical charge density, intermolecular interactions and electrostatic properties of metronidazole. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 75. <https://doi.org/10.1107/S2052520619011272>
- Kothawale, M. M., Tangsali, R. B., Meena, S. S., Prasad, N. K., & Gangwar, A. (2019). Mössbauer Study and Curie Temperature Configuration on Sintering Nano-Ni-Zn Ferrite Powder. Journal of Superconductivity and Novel Magnetism, 32(7). <https://doi.org/10.1007/s10948-018-4935-x>

- Mungale, A., & Priolkar, K. R. (2019). Packing fraction related distortion of Mn sub (6) C octahedra and its effect on the first order magnetic transition in Mn based antiperovskites.
- Nayak, M. T., Desa, J. A. E., Reddy, V. R., Nayak, C., Bhattacharyya, D., & Jha, S. N. (2019). Structural studies of potassium silicate glasses with fixed iron content and their relation to similar alkali silicates. *Journal of Non-Crystalline Solids*, 518. <https://doi.org/10.1016/j.jnoncrysol.2019.04.025>
- Nevgi, R., Das, G., Acet, M., & Priolkar, K. R. (2019). Importance of site occupancy and absence of strain glassy phase in Ni<sub>2</sub>- xFe<sub>x</sub>Mn<sub>1.5</sub>In<sub>0.5</sub>. *Journal of Alloys and Compounds*, 797, 995-1001.
- Patil, P. N., Subramanian, U., & Jeyakanthan, M. (2020). Enhanced blue emission of CaWO<sub>4</sub> in BaWO<sub>4</sub>/CaWO<sub>4</sub> nanocomposite. *Journal of Materials Science: Materials in Electronics*, 31(9). <https://doi.org/10.1007/s10854-020-03298-7>
- Pinapati, P., & Cherukulappurath, S. (2020). Hybrid Dielectric-Plasmonic Nanocomposite Arrays for Bulk and Local Refractive Index Sensing. *Plasmonics*, 15(2). <https://doi.org/10.1007/s11468-019-01046-0>
- Salkar, K. Y., Tangsali, R. B., Gad, R. S., Gangwar, A., & Prasad, N. K. (2019). Electrical properties of Zn sub ((1-x)) Co sub (x) O dilute magnetic semiconductor nanoparticles.
- Soares, B. P., Desa, J. A. E., Nayak, C., Bhattacharyya, D., & Jha, S. N. (2019). Raman and EXAFS study of neodymium and praseodymium included alumino-germanate glass. *Materials Research Express*, 6(9), 095205.

## Book Chapters

### Books

- I Bhattacharya, Y Otani, P Lutz, S Cherukulappurath, *Progress in Optomechatronics*, Springer. 2020.

### PhDs

Degrees Awarded	Submitted	Students on roll
4	2	14

## Conference Presentations, Lectures, etc.

- Gaonker, C. G. F., Alavani, B. K., Das, A., & Pai, R. V. (2019). Spin-1 bosons in optical superlattice. *AIP Conference Proceedings*, 2115. <https://doi.org/10.1063/1.5112855>
- Nayak, M. T., Desa, J. A. E., & Babu, P. D. (2019). Effect of iron and sodium inclusion on some properties of silicate glass. *AIP Conference Proceedings*, 2115. <https://doi.org/10.1063/1.5113063>
- Santhoshkumar, B., Lokeshwara Rao, P., Ramanathan, K. V., Bera, A. K., & Pahari, B. (2019). Important influence of Bi deficiency on the conducting property of Na sub (0.5) Bi sub (0.5) TiO sub (3) perovskite oxide *AIP Conference Proceedings*, 2115; <https://doi.org/10.1063/1.5113409>.
- Soares, B. P., Desa, J. A. E., & Krishna, P. S. R. (2019). Influence of praseodymium on alumino-germanate glasses containing Nd and Ia inclusions. *AIP Conference Proceedings*, 2115. <https://doi.org/10.1063/1.5113086>
- Priolkar K. R. Antiferromagnetism in cubic Antiperovskites (Invited Talk) National Conference on Electron Spectroscopy, S. N. Bose National Centre for Basic Sciences, Kolkata, India, 27 – 29 November 2019

- Priolkar K. R. X-ray Diffraction: a series of four invited Lectures at Faculty Development Programme on Experimental Techniques for characterization of Nanomaterials, S.P. Pune University, Pune 21 June 2019
- Priolkar K. R. Novel Experiments in Physics, Series of four online lectures at Training Programme organized by Academy of Sciences, Chennai June 2020
- Priolkar K. R. A series of four invited lectures on Characterization Techniques: Structural and microstructural, Magnetic, Optical, Electrical and Surface characterization at SERB School on Advanced Functional Materials at Nano and Atomic Scale organized by IIT Goa on 17<sup>th</sup> and 19<sup>th</sup> February 2020.
- SudhirCherukulappurath. Optical manipulation of gold encapsulated quantum dots for bio imaging applications. Invited Talk, ISOT-2019 Goa,
- SudhirCherukulappurath, Multifunctional Nanomaterials: synthesis and characterization. Invited Talk, SCOP-2019, PRL Ahmedabad.
- JostineJoby, SwayamKesari, Rekha Rao and SudhirCherukulappurath, Electrophoretically deposited gold nanoparticles for SERS applications, (LMIN-2019), IGCAR. Proceedings of the national conference on light matter interaction at nanoscale

## **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

### **Major Thrust Areas and Achievements:**

Thrust Areas:

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

**Projects:**

<b>Project Investigator</b>	<b>Status</b>	<b>Title</b>	<b>Funding agency</b>	<b>Grant (Rs. in Lakhs)</b>
Gad, R.S.	<b>Ongoing</b>	Vishveshvaraya PhD Scheme in area of ESDM for two full-time candidates	DeitY	63.88
Gad, R.S.	<b>Ongoing</b>	Vishveshvaraya PhD Scheme in area of ESDM & ITES for five full-time candidates	DeitY	203
Parab, J.S.	<b>Ongoing</b>	Visweswaraya Young Faculty Award Electronics &IT	DeitY	37
Parab, J.S.	<b>Ongoing</b>	Visweswaraya Research grant for Electronics & IT	DeitY	33
Naik, G.M.	<b>Ongoing</b>	Visweswaraya Research grant for Electronics &IT	DeitY	33

**Visiting Scholars**

<b>Name of the scholar</b>	<b>Institution</b>	<b>Title of Lecture</b>	<b>Date</b>
Prof. Vikram Dalal	<b>Iowa State University</b>	Solar Photovoltaic Technology, Recent developments and Emerging scenario	7/01/2020

**Seminars, Conferences, Workshops etc. organized**

<b>Programme</b>	<b>Date</b>	<b>Major sponsors</b>
3 days workshop Scientific writing	07 - 09 May 2019	<b>Electronics Alumni Association(EAA) and Directorate of Internal Quality Assurance (DIQA)</b>
3days National Workshop on "Astrosat Data Analysis".	20-22 November 2019	<i>Inter-University Centre for Astronomy and Astrophysics (IUCAA) , Pune, India</i>

## Research Publications:

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

- Parab, J. S., & Gad, R. S. (2019). Electronic method for detection of heart valve defects.
- Arur, P. C., Chodankar, D., Gad, R. S., & Naik, G. M. (2020). PCA Data Reduction for MIMO Based Channel, Capacity Enhancement Using 16-QAM Modulation. *Universal Journal of Electrical and Electronic Engineering*, 7(2).  
<https://doi.org/10.13189/ujeee.2020.070207>
- Vernekar, S. R., & Parab, J. S. (2019). Soil urea estimation using embedded systems.
- Vernekar, S. R., & Parab, J. S. (2020). Selection of best frequency range for soil urea prediction.
- Nazareth, I. A. P., Parab, J. S., Gad, R. S., & Naik, G. M. (2020). Estimation of cholesterol in the presence of urea and other constituents in blood tissue.

## Books

- Parab, J. S., Nazareth, I. A., Gad, R. S., & Naik, G. (2020). Learning by Doing with National Instruments Development Boards. In *Learning by Doing with National Instruments Development Boards*. <https://doi.org/10.1201/9780429441806>

## PhDs

### Degrees Awarded

*Degree Awarded:*

1. Narayan Vetrekar
2. Niyam Marchon
3. Supriya Patil
4. Noel Tavares

*Submitted:*

1. Marlon Sequeira
2. Charan Panem

*Students on Roll:*

1. Caje Pinto
2. Aniket Gaonkar
3. Samir Patil
4. Yogini Prabhu
5. Vilma Fernandes
6. Anish Prabhu
7. Deepak Chodankar

## Conference Presentations, Lectures, etc.

- Marchon, N., & Naik, G. (2020). FIR filter design technique to mitigate Gibb's phenomenon. *Lecture Notes in Electrical Engineering*, 581.  
[https://doi.org/10.1007/978-981-13-9419-5\\_10](https://doi.org/10.1007/978-981-13-9419-5_10)

- Panem, C., Gad, R. S., Rane, U. V., & Gad, V. R. (2018). Evaluation of 3D 4D Two Layer Mesh NoC for Fault Tolerance over Combinations of Vertical Channel. *Proceedings of the 2018 International Conference on Current Trends towards Converging Technologies, ICCTCT 2018*. <https://doi.org/10.1109/ICCTCT.2018.8551081>
- Panem, C., Gad, V. R., & Gad, R. S. (2019). Sensor's Data Transmission over QAM Using LDPC over MIMO Channel to enhance the Channel capacity: Performance analysis over RMSE and BER. *IOP Conference Series: Materials Science and Engineering*, 561(1). <https://doi.org/10.1088/1757-899X/561/1/012116>
- Prabhu, A. K., Vetrekar, N., & Gad, R. S. (2019). Exploring Convolutional Neural Network for Multi-spectral Face Recognition. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11941 LNCS. [https://doi.org/10.1007/978-3-030-34869-4\\_66](https://doi.org/10.1007/978-3-030-34869-4_66)
- Vetrekar, N., Ramachandra, R., Raja, K. B., & Gad, R. S. (2019). Multi-Spectral Imaging for Artificial Ripened Banana Detection. *Proceedings - European Workshop on Visual Information Processing, EUVIP, 2019-October*. <https://doi.org/10.1109/EUVIP47703.2019.8946158>
- Panem, C., Gad, V. R., & Gad, R. S. (2020). Sensor's data transmission with BPSK using LDPC (Min-Sum) error corrections over MIMO channel: Analysis over RMSE and BER. *Materials Today: Proceedings*, 27, 571-575.

## 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

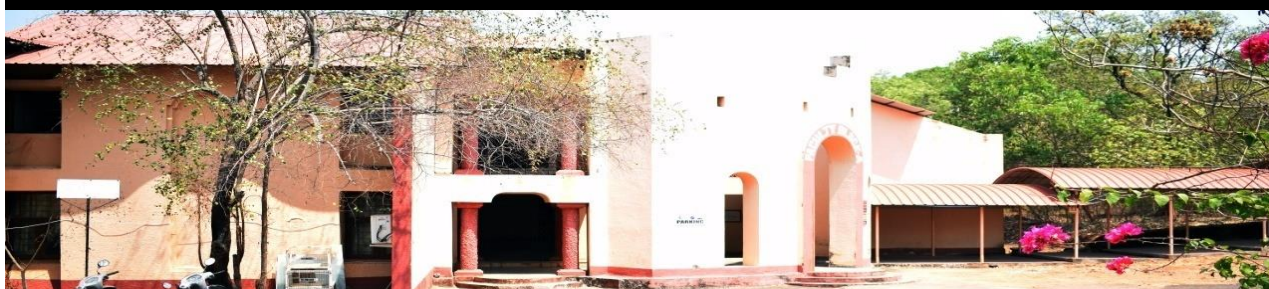
**Conference Presentations, Lectures, etc.***Conference presentations/ lectures*

- 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 biomineralization of gold from auriferous soils. *International Journal of Research and Analytical Reviews*. 6(1); 2019; 585-591. DoI: <http://www.ijrar.org/papers/IJRAR19J1210.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.jpccbs.info/2018\\_6\\_4\\_5\\_Rosy.pdf](https://www.jpccbs.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: Ceropegieae). *Rheede*. 28(1); 2018; 46-48. DoI: <http://dx.doi.org/10.22244/rheede.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*. *MycKeys*. 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](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 pseudorrhiza 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 bioflocculants 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

- **Bhakti Balkrishna Salgaonkar, Ph.D.**, Assistant Professor – Halophilic Archaea; Extremophilic Microorganisms and their Bioprospecting, Biopolymers, Extremozymes

### Major Thrust Areas and Achievements:

- **Bhakti Balkrishna Salgaonkar**, Assistant Professor, Department of Microbiology, Goa University received the Best Teacher Award by Microbiologists Society, India (MSI) (Reg. No.MAH/4814/SAT) for the academic year 2019-2020.

Thrust Areas:

### Projects:

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

## Visiting Scholars

Name of the scholar	Institution	Title of Lecture	Date

## Seminars, Conferences, Workshops etc. organized

Programme	Date	Major sponsors

## Research Publications:

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

(1) **Bhakti B. Salgaonkar** & Rizma Rodrigues (2019) A Study on the Halophilic Archaeal Diversity from the Food Grade Iodised Crystal Salt from a Saltern of India. Microbiology, vol.88 (6), 709-719. (doi: 10.1134/S002626171906016X) (**IF: 1.027**)

Book Chapters

Books

PhDs

Degrees Awarded

Submitted

Students on roll

## Conference Presentations, Lectures, etc.

### A] Invited/ contributory Lectures

(1) Delivered contributory lectures on “**Tissue Cell Culture**”, for students of M.Sc. Microbiology of the Dept. of Microbiology, P.E.S.’s R.S.N College of Arts and Science on 8<sup>th</sup> February, 2020.

(2) Invited as Resource person and delivered a Guest lecture on “**Bioprospecting of Halophilic Microorganisms from Hypersaline Regions**”, as a part of the DBT Star College scheme, at the Sri Krishna Arts and Science College, Coimbatore, Tamil Nadu, India on 20<sup>th</sup> December, 2019.

### B] Oral Presentations at Conferences

(1) **Dr. Bhakti Balkrishna Salgaonkar**, gave oral presentation on the topic “Solar Salterns of India: Potential Source for Halophilic Biotechnology”, at a National level Seminar on "Bioprospecting for Sustainable Development", Organized by Dept. of Microbiology, St. Xaviers College Mapusa, Goa, in collaboration with Department of Science, Technology & Environment (DSTE) Sponsored, on 25<sup>th</sup> January, 2020.



### C] Workshops/ Training attended

- (1) **Dr. Bhakti Balkrishna Salgaonkar**, completed two days training in “**Genomics & Bioinformatics**” on 25<sup>th</sup> and 26<sup>th</sup> December, 2019 at RaSa Life Science Informatics, Pune.
- (2) **Dr. Bhakti Balkrishna Salgaonkar**, attended Two-day Workshop and presented poster entitled “Microbial Synthesis and Characterization of Polyhydroxyalkanoates and its Biocompatibility Studies” on **Material Science between University of Coimbra, University of Porto** and Goa University, 18<sup>th</sup> and 19<sup>th</sup> November 2019.
- (3) **Dr. Bhakti Balkrishna Salgaonkar**, attended two days capacity building programme on “Intellectual Property Rights (IPRs)” on 26<sup>th</sup> and 27<sup>th</sup> September, 2019 organized by Goa State Council For Science & Technology In association with Technology Information Forecasting & Assessment Council, DST, GoI, New Delhi & IPR Cell, Goa University.
- (4) **Dr. Bhakti Balkrishna Salgaonkar**, attended One day workshop on “**Systat and Sigmaplot software**”, jointly organised by the Department of Biological Sciences and Starcom Information Technology Limited, Bengaluru, India at BITS Pilani, K K Birla Goa Campus on July 25, 2019.

### D] Student Development and Collaboration

- (1) **NET SET Coaching:** Dr. Bhakti Balkrishna Salgaonkar, is a Mentor for aspirants for National Eligibility Test (NET), State Eligibility Test (SET) & GATE at Department of Higher Education (DHE) Goa and Department of Microbiology, Goa University
- (2) **Dr. Bhakti Balkrishna Salgaonkar has collaborations and shared research facilities at the below mentioned institutions/research laboratories:**
  - (a) National Centre for Microbial Resource (NCMR), National Centre for Cell Science (NCCS), Pune, India
  - (b) Dept. of Biological Sciences, Birla Institute of Technology and Science (BITS) Pilani, K K Birla, Goa Campus, NH-17B, Zuarinagar, Goa, 403726 India
  - (c) Dept. of Biotechnology, P.S.G. College of Technology, Coimbatore, Tamil Nadu.
  - (d) Indian Council of Agricultural Research -Central Coastal Agricultural Research Institute (ICAR-CCARI), Ela, Old Goa.

## 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:**

<b>Project Investigator</b>	<b>Status</b>	<b>Title</b>	<b>Funding agency</b>	<b>Grant (Rs. in Lakhs)</b>
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:**

<b>Programme</b>	<b>Date</b>	<b>Major Sponsors</b>
Workshop on Bioavailability and Bioaccumulation of Metals in Estuaries and its Effect on Human Health	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/journaldownload.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.aeaao.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/lijhls.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

- **Sanjeev C. Ghadi** Ph.D., Professor and Head - Applied Enzymology, Genetics and Molecular Biology, Bioinformatics.
- **Usha D. Muraleedharan**, Ph.D., **Professor**– Biochemistry, Enzymology, Biological Oceanographic Processes, Algal biofuels.
- **Urmila Barros**, Ph.D., Professor - Immunology (Superannuated in August 2020)
- **Savita Kerkar**, Ph.D., Professor Biodiversity & bioprospecting of bioactive compounds from marine salterns. Probiotics & Bioremediation
- **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 and Light microscopy.



### ***Contractual***

Dr. Meghanath Shambhu Prabhu, Ph.D., Asst. Professor, Marine-Algae Biotechnology, Environmental Biotechnology, Fermentation Biotechnology. (1<sup>st</sup> July 2019-4<sup>th</sup> May 2020)

1<sup>st</sup> June 2020-14<sup>th</sup> August 2020)

### **Major Thrust Areas and Achievements:**

#### **Thrust Areas:**

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

#### **Projects:**

<b>Project Investigator</b>	<b>Status</b>	<b>Title</b>	<b>Funding agency</b>	<b>Grant (Rs. in Lakhs)</b>
Prof. Savita Kerkar (Mentor of the Project)  Dr. Manisha Tiwari (Principal investigator)		Development of Ultra-Sensitive luminescent Paper Biosensor for Quantification of Cadmium and Arsenic Heavy Metal contamination in drinking water and seafood.	DBT, India  25/11/2019 to 25/11/2020	42,25,853/-

**Visiting scholars:**

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Neel Sarovar Bhavesh	Group Leader, International Centre for Genetic Eng. And Biotech. (ICGEB), Aruna Asaf Ali Marg, New Delhi	"Can we have a code for single-stranded nucleic acid recognition"	02/08/2019
Prof. Takashi Jin,	Team leader, Laboratory for Nano-Bio Probes RIKEN Center for Biosystems Dynamics Research (BDR) & invite Prof. Graduate School of Frontier Biosciences, OSAKA University	"Quantum dot-based deep Tissue imaging in the second optical window"	10/12/2019
Prof. Gopal. C. Kundu	Director R &D, KIIT University, Institute of Eminence, Bhubaneswar	"Understanding the Tumor Heterogeneity and Development of PDX Models in Breast Cancer".	10/02/2020

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

Programme	Date	Major Sponsors
Workshop on Mendeley Reference Manager Software	24-10-2019	Goa University

**Research Publications:****Articles in journals (\* Impact Factor/ Cite Score Journals) [Impact factor :2019]**

- Malik, R., & Kerkar, S. (2019). Enhancing biosurfactant production by hypersaline *Bacillus amyloliquefaciens* SK27 using response surface methodology and genetic algorithm. *Current Science*, 117(5), 847. <https://doi.org/10.18520/cs/v117/i5/847-852>. (IF: 0.725)
- Fernandes, S., Kerkar, S., Leitao, J., & Mishra, A. (2019). Probiotic role of salt pan bacteria in enhancing the growth of whiteleg shrimp, *Litopenaeus vannamei*. *Probiotics and Antimicrobial Proteins*, 11(4), 1309–1323. <https://doi.org/10.1007/s12602-018-9503-y>. (IF: 3.55)
- Prabhu, M. S., Levkov, K., Livney, Y. D., Israel, A., & Golberg, A. (2019). High-voltage pulsed electric field preprocessing enhances extraction of starch, proteins, and ash from marine macroalgae *Ulva ohnoi*. *ACS Sustainable Chemistry & Engineering*, 7(20), 17453–17463. (IF: 7.623)

- Meena, S. N., Naik, M. M., Ghadi, S. C., & Tilve, S. G. (2019).  $\alpha$ -Glucosidase inhibition activity and insilico study of 2-(benzo[d][1,3]dioxol-5-yl)-4H-chromen-4-one, a synthetic derivative of flavone. *Bioorganic & medicinal chemistry*, 27(12), 2340-2344. (IF: 3.073)
- Naik Samant, S., Furtado, I. (2019). Formation of rhodochrosite by *Haloferax alexandrinus* GUSF-1. *J of Cluster Science*, 30(6), 1435-1441. (IF: 1.73)
- Das K.R. Tiwari, AK and Kerkar, (2019) Psychrotolerant antarctic bacteria biosynthesize gold nanoparticles active against sulphate reducing bacteria. *Preparatory Biochemistry and Biotechnology* PP1-7 (IF: 1.41)
- Kumar, S., & Barros, U. (2020). Purification and partial characterization of a haemagglutinin from *Ulva fasciata*. *CURRENT SCIENCE*, 118(4), 621. (IF: 0.725)
- Prabhu, M.S., Israel, A., Palatnik, R.R., Zilberman, D., & Golberg, A. (2020). Integrated biorefinery process for sustainable fractionation of *Ulva ohnoi* (Chlorophyta): process optimization and revenue analysis. *Journal of Applied Phycology*, 1-12. (IF: 3.217)
- Singh, S., Nigam, P., Pednekar, A., Mukherjee, S., & Mishra, A. (2020). Carbon quantum dots functionalized agarose gel matrix for in-solution detection of nonylphenol. *Environmental Technology*, 41(3), 322–328. <https://doi.org/10.1080/09593330.2018.1498133>. (IF: 0.2.15)
- Jonnadula, R., Imran, M., Vashist, P., & Ghadi, S.C. (2020). Production of agar-derived antioxidants and single cell detritus from *Gracilariacorticata* using agarase from *Microbulbifer* sp. CMC-5. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 90(1), 73–78. <https://doi.org/10.1007/s40011-019-01082-0> (IF: 0.396)
- Joleen Almeida, Ajeet Kumar Mohanty, Dharini N, SL Hoti, Savita Kerkar, Ashwani Kumar. (2020) A report on novel mosquito pathogenic *Bacillus* Spp. isolated from a beach in Goa, India. *Int J Mosq* 7:21-29.
- Almeida, J. Mohanty, A., Kerkar, S., Hoti, S.L., Kumar, A., (2020) Current status & future prospects of bacilli based vector control. *Asian Pacific Journal of Tropical Medicine* 13: 525-534

### **Book Chapters**

- Prabhu, A. A., Hariramani, K., Lakshmi, P., & Dasu, V. V. (2019). Systems Metabolic Engineering Approach for Recombinant Protein Production in Microbial Cell Factories. In *Horizons in Bioprocess Engineering* (pp. 211-240). Springer, Cham.

- Lotlikar, G., & Naik-Samant, S. (2020). Bactericidal activity of endophytic bacteria isolated from *Acanthus ilicifolius*: a mangrove plant of Divar Island, Goa, against human pathogenic bacteria. In *Biotechnological Utilization of Mangrove Resources* (pp. 293-301). Academic Press.

### **PhDs Degrees Awarded**

1. Amruta A. Bartakke	1 <sup>st</sup> August 2019
2. Ms. Michelle S. Fernandes	11 <sup>th</sup> December 2019
3. Ms. Samantha Fernandes	3 <sup>rd</sup> January 2020

### **Ph.D thesis submitted:**

1. Michelle Fernandes	03/06/2019
2. Preethi Poduval	10/06/2019

### **Ph.d students ongoing**

- Judith Noronha
- Alisha Fernades
- Perantho Evan Dias
- Angelia Delicia Gois
- Pingal Gopinath Naik
- Ruchira Gokuldas Malik
- Nicola Faria:
- Sreekala S.
- Manasi Pawaskar
- Priti Gawas
- Noha Inam Ameen
- Vilas Phadte (NIO)
- Deepti Rane
- Varsha Naik
- Anchit Parkar
- Rakshita Kaskar
- Veda V. Manerikar
- Seyieleno Seleyi (NIO)

## 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	Chairperson (Ex-Officio)
Head, Department of Commerce	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 Urban Livelihoods Mission (Consultancy)	Goa State Urban Development Agency (GSUDA)	0.83
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.elkajournals.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](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](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](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](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.  
Dol: <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. Dol: <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. Dol: <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. Dol: <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. Dol: <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. Dol: <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. Dol: <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. Research Projects Funded during 2019-20: **09** research projects have been funded by the following agencies - DST, IUAC, ISRO, DAE-CSR, INDIGO, SERB, IESSR, CSIR, DBT.
2. Consultancy Projects Undertaken: **06** consultancy projects were sanctioned to the faculty members of the University by following funding agencies – ICIMOD (NEPAL), NRAA,GFD, FES,DFP.
3. Research Projects in Progress: A total of **19** research projects are currently operational
4. New Research Proposals Submitted: **39** project proposals have been submitted for funding to the following funding agencies --- UGC, DST, DBT, MOEF, IABF, NRB, STRIDE, JTF, MHRD, INDO US S&TF, NRAA, ICSSR, ISRO, SERB, ESSO-NCPOR, SFU, DOE, CSIR, IESSR, R&D, BRNS, IUAC, CEFIPRA ICGR, BRNP, & CDAC.
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 27<sup>th</sup>& 28<sup>th</sup> September, 2019 Three 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 18<sup>th</sup>& 19<sup>th</sup> 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.
7. The“7<sup>th</sup> International Conference on Issues and Challenges in Doctoral Research” was jointly organized by ITM University Gwalior and Goa University, on August 25<sup>th</sup>& 26<sup>th</sup> 2019 as a part of the (World Doctorates Day) celebration.

8. A lecture on IPR's and its importance was organised on 11<sup>th</sup> February, 2020 at Goa University in collaboration with Goa State Council of Science & Technology, Department of Science, Technology & Environment, Govt. of Goa.

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

The Directorate of Extra Mural Studies and Extension Services conducted two certificate courses in campus. Dr. Isabel S. R. Vas conducted the course entitled "Perform and Transform" wherein there were 36 participants in all, which included 8 participants from the general public. The course concluded with a performance entitled "Quote Unquote" at the seminar hall in Arts faculty which was well received by the audience. Another certificate course on Astrobiology – Our quest for sign of life outside Earth (a two credit course for curious citizen of 21<sup>st</sup> century) was conducted by Dr. Nandkumar M. Kamat, wherein 16 participants successfully completed the course.

As part of extension activities in collaboration with the affiliated colleges, the following activities were held.

A one day National seminar on protection of rights of senior citizen: Socio legal dimensions were organized in association with G.R. Kare College of law. The seminar had sessions regarding legal protection to the rights of senior citizen. There was a session on social dimensions on protection of rights on senior citizen and another session on welfare measures and schemes. 43 senior citizens were benefited from this seminar.

A program to celebrate Women's day was held in association with Shree Damodar College of Commerce and Economics Margao, Asha Sadan Social Centre, Vasco, and Kiran Niketan Social Centre, Sancoale. The program began with a fashion show by 9 bold women of Asha Sadan Centre each of them portraying wonder woman of India and how they made a mark in the Indian landscape. This was followed by a session on role of nutrition in women's life span followed by adolescence and nutrition and role of nutrition in pregnancy as well as dietary need at the time of menopause.

A workshop in Apiculture was organized in association with Government College of Arts, Science and Commerce, Khandola. The participants were explained the entire process of honey cultivation. The practical session was held in Ela farm in Old Goa wherein there was a hand on experience in handling honey boxes and allaying any fears as regards behavior of honey bees. 35 participants from Marcel, Amona, Corlim, Khandola, Khumbharjua, Sanquelim and Volvoibenifited from this workshop.

A two day Spoken English workshop for students of Union High School, Assagao and New English High School, Keri, Pernem was organized in collaboration with DMs College, Assagao. 60 students from both the schools benefited from the workshop.

In association with Government College, Sanquelim, who have adopted Cudnem village in Bicholim Taluka, a publication of a book entitled “Reckoner of Cudnem Village” was brought about. This book covers the history, geography, economics, culture and governance of the village.

Dr. A. Viegas, Director of Extra Mural Studies and Extension Services

### **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 26<sup>th</sup> November 2018 to 28<sup>th</sup> 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)

- ▶ VISITING PROFESSORS RESEARCH PROGRAMME
- ▶ ANNUAL REPORT YEAR 2019-20
- ▶ [www.unigoa.ac.in/vrpp](http://www.unigoa.ac.in/vrpp)
- ▶ email- [vrpp@unigoa.ac.in](mailto:vrpp@unigoa.ac.in)

#### **Goa University**

#### **Visiting Chair Research Professors Programme**

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

*generate a creative environment in learning and contemporary knowledge production practices with their intellectual and aesthetic endeavors.*

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

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

1	DD Kosambi Chair in Interdisciplinary Studies	Prof Romila Thapar
		Dr. Sudhir Kakar
		Prof Madhav Gadgil
		Prof Shahid Amin
		Prof Dhruv Raina *
		Prof Saurabh Dube *
		Prof Ishita Banerjee Dube *
		Prof Kumkum Roy*
		Prof. Peter D'Souza *
		Prof. Ramkrishna Ramasawamy
		Prof.PJ.Chериан #
		Ms. Niraja Gopal Jayal
2	<b>Dayanand Bandodkar Chair in Political Economy</b>	<b>Prof Amit Bhaduri</b>
		Prof Ashok Chandra
		Prof Satish Deshpande*
		Prof Prabhat Patnaik*
		Prof Rammanohar Reddy*
3	KavivaryaBakibaab Borkar Chair in Comparative Literature	Prof Ashok Vajpeyi
		Prof Jeet Thayil
		Prof Nirmala Jain



		Prof Uday Bhembre
		Prof Kiran Budkuley*
		Prof Githa Hariharan
		Prof VrindaNabar
		Prof Anvita Abbi*
		Sachidanandan K.
		Prof. Edwin Thamboo #
		Prof Ganesh Devi #

4	<b>Mario Miranda Chair in Art, Fine Art</b>	<b>Prof Jyotindra Jain</b>
		Prof Arijit Sen Gupta
		Prof Vidya Dehejia*
		Ms Shebha Chachi
		Prof Raman Sivakumar
		Dr Subodh Kerkar*
		Mr. Alexyz #

5	<b>Anthony Gonsalves Chair in Western music</b>	<b>Dr. Santiago Lusardi Girelli*</b>
		Mark Troop
		Ms. Patricia Rozario#
		Ms. Sonia Shirsat#

6	<b>Nana Shirgaokar Chair in Indian Music</b>	<b>Smt.Shubha Mudgal</b>
		UstadBahauddinDagar
		Smt.BombayJayashri*
		Smt.Vidya Shah*
		Smt. Vidya Rao #
		Shri Ramesh Sukhthankar#

7	<b>Sant Sohirobanath Ambiyé Chair</b>	<b>Prof B V Nemade</b>
		Prof Somnath Komarpant
		Shri Milind Wakankar#
		Smt. Sonali Kulkarni- Joshi #
8	J.H.Cunha Rivera Chair  (Funded by Camoes Institute)	Prof Hugo Canelas Cardoso
		Prof Susana Sardo
		Prof Amelia Polonia
		Prof Walter Rossa
9	<b>Dalai Lama Chair in Nalanda Studies</b>  <b>(Funded by Dalai Lama)</b>	<b>Ven Khenpo TashiTsering</b>

*\*- Currently active in 2019-20 & #- Currently approved names*

#### VRPP – Salient features & achievements

- Internationally reputed personalities from India and abroad provide unique opportunity for Goans to interact and learn.
- All courses/workshops/sessions are open to students as well as General Public.
- Integrated into University's choice-based curriculum as credit courses as well as available as electives in affiliated colleges.
- Courses/activities are organized not only at the university but also in colleges affiliated to our university and other locations in goa to benefit PG/UG students and the General Public. Certificates are issued to all the participants who complete the course.
- A dedicated website to disseminate all information related to VRPP Programme and online registration facility for all courses.
- Goa university formed its own western music choir and performed at prestigious festivals and places through efforts initiated due to VRPP.
- Documentation of Goans culture, social practices.
- Infused the young researchers in goa with new ideas by engaging in dialogues

- Created interest in liberal arts, Indian and western classical music & literature in the young minds.
- Most of the sessions have been video graphed and made available on the web/local intranet. This will serve as a source of knowledge in coming years.
- Created Facebook and Instagram id's to publish news of various activities to be conducted in Goa University.

#### **List of activities/courses/workshops conducted under each chair**

- ▶ In its seventh year, various courses, events, workshops, conferences, and performances were organized under each chair.

#### **D DKosambi Chair in Interdisciplinary Studies**

- ▶ Prof Dhruv Raina engaged a Public Lectures on three different topics namely 1. Indology before Orientalism: The Role of the Virtual Academy of Itinerant Jesuits 2. The Relevance of Philosophy Today 3. Framing 'Technology and Society': From Colonialism to Digital India at Dhempe College Arts and Science and Goa University from 16<sup>th</sup> to 20<sup>th</sup> September 2019.
- ▶ Public Lecture by Prof Peter De Souza on “Decolonizing the mind in the Post-Colonial World: Beyond T.B. Cunha” on 21<sup>st</sup> November 2019.
- ▶ Mentoring Sessions with young faculty and research scholars of Goa University by Prof Peter D’Souza on a) State and Politics in Goa b) Tribal Studies Group c) ICSSR-IMPRESS Proposal on State and Democracy in India d) Proposed an Interdisciplinary Refresher Course in Social Sciences on ‘Changing India’.
- ▶ Prof Dhruv Raina delivered three Public Lectures on topic “The entangled histories of philosophy and science in the twentieth Century India at P.E.S College, Ponda ,” “Physicists in Conversation: A Transcultural History of Physics” at Fr. Agnel College, Pilar and “Revisiting the dialectic of enlightenment: The Popper-Adorno debate today” at Goa University from 27<sup>th</sup> February to 04<sup>th</sup> March 2020.

#### **Dayanand Bandodkar chair in Political Economy**

Prof Rammanohar Reddy & Prof Prabhat Patnaik jointly conducted a one credit course on “ECO-501” from 28<sup>th</sup> January To 02<sup>nd</sup> February 2019 and almost 65 students had participated in course including general public.

#### **KavivaryaBakibaab Borkar chair in Comparative Literature**

- ▶ Prof. Kiran Budkuley taught a four 4 credit course for ma-Konkani students on topic “translation: theory and practice” from July 2019 to November 2019 and November 2019 To April 2020.
- ▶ Prof VrindaNabar conducted courses on [“The Anxieties Of Orientalism: India and The Diaspora – one credit course open for students and public by Professor](#)

[VrindaNabar, KavivaryaBakibaab Borkar Chair in comparative literature from 24<sup>th</sup> september to 03<sup>rd</sup> october, 2019.](#)

- ▶ Workshop on Language Documentation and Archiving by Prof Anvita Abbi from 09<sup>th</sup> December To 21<sup>st</sup> December 2019. The objective is to preserve the information contained in human language and for this, we need to learn how to document it through modern technological means. The best way to do this is by **language documentation** which may include among others, making **talking dictionary**.
- ▶ Department of Konkani conducted a national symposium on "contribution and challenges of bilateral translation for Konkani: yesterday, today and tomorrow" on 31<sup>st</sup> january,2020.
- ▶ Department of Hindi conducted a study tour in collaboration with D-VRPP to various places of B.B.Borkar On 15<sup>th</sup> November, 2019.

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

- ▶ Public lectures on introduction to Contemporary Art By Dr. Subodh Kerkar from 13<sup>th</sup> august to 21<sup>st</sup> august 2019.
- ▶ Public lecture on “Gandhi Through Arts” And “Introduction To Contemporary Art” By Dr. Subodh Kerkar at Institute Of Menezes Braganza on 23<sup>rd</sup> January And 24<sup>th</sup> January 2020.
- ▶ Prof Subodh Kerkar conducted a two-credit course on “introduction to contemporary art” – two credit course open for students and public under Mario Miranda Chair from 25<sup>th</sup> February To 04<sup>th</sup> March, 2020 and almost 60 students had participated in course.

**Anthony GoncalvesChairin WESTERN MUSIC**

- ▶ Western Music PRO-424 - One (1) credit course  
**“Singing Course (Theoretical and Practical Course)”**  
23<sup>rd</sup> July to 09<sup>th</sup> August, 2019 /Lecturer: Prof Dr Santiago Girelli  
Western Music PRO-425 - Two (2) credit course
- ▶ **“Choral Singing Course 2 / Foundations of Choral Music: Theoretical and Practical course”** 11<sup>th</sup> October to 24<sup>th</sup>November, 2019 / Lecturer: Prof Dr Santiago Girelli  
Western Music SOO 218 - Two (2) credit course
- ▶ **Understanding 20<sup>th</sup> Century Social Processes Through Contemporary Music (Decolonization Process in Contemporary Music)**  
20<sup>th</sup> January to 22<sup>nd</sup> February 2020. / Lecturer: Prof Dr Santiago Girelli

## **Workshops, SEMINARS & SYMPOSIUM**

### **1<sup>st</sup> Vocal Training Masterclass. – JUNE 2019**

Prof Santiago Lusardi conducted International Vocal Training Masterclass with GU Choir and the world famous Soprano Maria Forsström (Oslo University, Sweden) from 24<sup>th</sup> to 28<sup>th</sup> June, 2019 at Goa University.

### **2<sup>nd</sup> Vocal Training Masterclass – August 2019**

Prof Santiago Lusardi conducted International Vocal Training Masterclasses with GU CHOIR and Mr Benjamin Perry (Berkley University – Boston, USA) from 05<sup>th</sup> to 10<sup>th</sup> August 2019 at Goa University.

### **3<sup>rd</sup> International Music Conducting Seminar – October 2019**

Prof Santiago Lusardi conducted International Music Conducting Course together with Maestro Carmona Sarmiento (Seville University, Spain) and the GU Chamber Ensemble from 10<sup>th</sup> Oct to 14<sup>th</sup> Oct 2019 at Goa University.

### **4<sup>th</sup> International Symposium on Choral Music– October 2019**

Prof Santiago Lusardi conducted International Symposium on Choral Music with GU CHOIR with Maestro Ariel Alonso (Sorbonne University- Paris) from 27<sup>th</sup> to 29<sup>th</sup> Oct 2019 at Goa University.

### **2<sup>nd</sup> International Music Conducting Seminar– November 2019**

Prof Santiago Lusardi conducted International Symposium on Choral Music with GU CHOIR with Maestro Ariel Alonso (Sorbonne University- Paris) from 30<sup>th</sup> Oct to 2<sup>nd</sup> Nov 2019 at Goa University.

## **Workshops, SEMINARS & SYMPOSIUM**

### **International Interactions with Faculty and Artists from:**

1. **Professor Maria Forsström** (Oslo University, Sweden) June, 2019.
2. **Professor Lena Moen** (Royal College of Music in Stockholm, Sweden) July, 2019.
3. **Mr Benjamin Perry** (Berkley University – Boston, USA) August 2019.
4. **Professor Dr. Carmona Sarmiento** (Seville University, Spain) Sept & Oct 2019.
5. **Professor Ariel Alonso** (Sorbonne University- Paris) Nov 2019.
6. **Maestro FortunatFrölich** Leipzig University (Germany) Jan & Feb 2020.
7. **Professor Dr. Karen Schilmp** (Frankfurt University, Germany) Feb 2020

### **And with the following Institutions**

8. UCA University (Argentina)
9. Hong Kong University (China)
10. NCPA – Symphony Orchestra of India (Mumbai)
11. TIPA – Tibetan Center for the Performing Arts (Dharmasala)
12. Bangalore School of Music (Bangalore) Paranjoty Choir (Mumbai) / Living voices (Mumbai)

### **Artists that performed with the GU CHOIR in 2019-2020 Season**

1. **Braz Gonsalves** Saxophone (India) March 2020
2. **Mika Nishimura** – Violin Solo (Tokyo, Japan) Nov 2019.
3. **Rahul Bharadwaj** - Baritone (Michigan University, USA) June 2019.
4. **Maria Meireles** (Lisbon Conservatory, Portugal) 15<sup>th</sup> Sept to 14<sup>th</sup> Oct 2019
5. **Ingrid Nazareth** – Piano (India) Oct – Nov 2019 / Jan 2020
6. **Parvesh Java** – Piano 15<sup>th</sup> Jan to 6<sup>th</sup> Feb 2020
7. **Daniel Thomson** – Tenor (Sidney, Australia) March 2020
8. **Dr. Karen Schilmp** – Pianist (Frankfurt University, Germany) Feb 2020
9. **Jeremiah Christopher** – Singer (Madras Music Association) Oct 2020
10. **Jason Quadros** - Pianist (Goa) Oct 2020
11. **Virgil Vihaan Sequeira** – Conductor (Gandhi Ashram School, Kalimpong, India)
12. **Nadezda Balyan** – Soprano Soloist (Russia / Delhi Chamber Choir, India)
13. **Ripple Boruah** – Singer (Delhi Chamber Choir, India)
14. **Prajal Pradhan** - Conductor (Gandhi Ashram School, Kalimpong, India)
15. **Puran Daniel Rai** - Conductor (Darjeeling, India)
16. **Maria Gorette Vas Pinheiro** – Violist (Kala Academy, Goa, India)
17. **Paula Antonietto Gomes** – Singer (Sao Pablo University, Brazil)
18. **Atul Isaac** – Conductor (Chennai, India)
19. **Nakul Jogdeo** - Pianist (Pune, India)
20. **Sonam Lodhi** - Pianist (Pune, India)
21. **Frederika Cotta** – Violin (Kala Academy, Goa, India)
22. **Leo Velho** – Cello (SOI - NCPA, India)

### **3<sup>th</sup> International Symposium on Choral Music**

Maestro Ariel Alonso (Sorbonne University- Paris) & Prof Santiago Lusardi conducted the International Symposium on Choral Music from 27<sup>th</sup> to 29<sup>th</sup> Oct 2019 at Goa University.

**Total attendance from Goa India and the world: 22 participants from Pune, Mumbai, Goa, New Delhi, Bangalore, Darjeeling, Kalimpong and Maharashtra from India, and Brazil, Italy, France, Russia & Portugal**

## **Research and Composition PROJECTS**

### **Original Compositions & Researches 2019-2020**

#### ► **Big Ocean Cantata**

Original Score offered to H.H. the 14<sup>th</sup> Dalai Lama

on his visit to the Goa University

Texts by H.H. the 14<sup>th</sup> Dalai Lama (72 pages Scores)

#### ► **My Life is my Message– Cantata**

Original Score written for the visit of the Vice President of India to Goa University

/Texts by Mahatma Gandhi (24 pages Scores)

#### ► **A Vox Clamantis in Deserto - Oratory**

Original Score dedicated to the Goa University Choir on its 7<sup>th</sup> Anniversary of its foundation.

Texts by Charles de Foucauld (163 pages Scores)

#### ► **Samgacchadhwaṃ samvadadhwaṃ** Vocal work

Original Score written for the visit of the Vice President of India to the Goa

University. Based on Rabindranath Tagore texts and

*SangathanSuktaofRigveda* (Verses - 10.191.3 to 10.191.8)

#### ► **EAST-WEST COMPOSITION & RESEARCH SESSIONS**

Prof Santiago Lusardi composed series of six vocal pieces based on a research done

in down in collaboration with *Maestro FortunatFrölich* from Leipzig University and

Pro Helvetia Foundation.

#### ► **PASSION LANDSCAPES II** (Second Edition)

Original Score written for the Goa University Choir

Liturgical Texts (256 pages Scores)

For Choir, Soprano Solo, Baritone Solo, Hindustani Singer, Tampura, Harmonium,

Organ, String Orchestra, Piano & Indian Percussion.

Premier at NCPA National Centre at the Performing Arts 29<sup>th</sup> May 2020

### **Goa University Choir**

Performances - **June 2019 to March 2020**

The **Goa University choir** offered **14 performances** during this Academic year.

#### **1. GU CHOIR – Portuguese Day**

Performance with GU Choir with the piece *PASSION LANDSCAPES* (originally written for the

GU CHOIR) together with the SOI Chamber Soloists and soloists from India, Russia and

Portugal, 09<sup>th</sup> June 2019 at Old Goa.

#### **2. GU CHOIR and Ensemble - Programme - Tearing the Veil of Silence**

Prof Santiago Lusardi conducted choir performance with GU Choir and Maestro Carmona

Sarmiento (Seville University, Spain) GU Chamber Ensemble on 14<sup>th</sup> September, 2019 at Old

Goa.

### **3. GU CHOIR - CHANTS ON ETERNITY I**

Maestro Ariel Alonso (Sorbonne University - Paris) & Prof Santiago Lusardi conducted the GU Choir performance with a Orchestra Chamber Ensemble on 01<sup>st</sup> November, 2019 at Old Goa.

### **4. GU CHOIR - CHANTS ON ETERNITY II**

The GU Choir performance with GU Choir and with soloist from India - Closing concert of the International Symposium on 02<sup>nd</sup> November 2019 at Reis Magos Fort.

### **5. ADD ART FESTIVAL - Sessions at Mumbai with the SOI Symphony Orchestra of India**

Prof Santiago Lusardi conducted choir sessions with The Paranjoty Choir, the GU CHOIR, the Living Voices Ensemble at the at NCPA / National Centre for the Performing Arts (Mumbai) FROM 26<sup>th</sup> & 27<sup>th</sup> November, 2019.

### **6. ADD ART FESTIVAL - GU CHOIR at the NCPA -Mumbai with the SOI Symphony Orchestra of India**

Prof Santiago Lusardi & the Goa University Choir performed at National Centre for Performing Art, Mumbai from 28<sup>th</sup> to 29<sup>th</sup> November, 2019 with the SOI – Symphony Orchestra of India

### **7. GU CHOIR with the H.H. DALAI LAMA**

11<sup>th</sup> December for H.H. the 14<sup>th</sup> Dalai Lama Programme

### **8. GU CHOIR at GALF 2020**

Closing Gala Concert 07th December, 2019 at ICG.

### **9. GU CHOIR at National Seminar**

(GU Campus) 14th December 2019 at Goa University

### **10. GU CHOIR at MOUNTE FESTIVAL 2020**

Closing Concert 09th February 2020 at Mount Festival

### **11. GU CHOIR 32th Annual Convocation Day**

24th February 2020

### **12. GU CHOIR with Maestro Braz Gonsalves –JAZZ PROGRAM**

at the Ketevan Sacred Music Festival Performance of the GU CHOIR with the Goan Jazz Maestro Braz Gonsalves at the Sacred Music Festival 2020. (Postponed to Oct 2020)

### **13. GU CHOIR with International Ensemble – VOX CLAMANTIS**

Premier of the CLAMANTIS IN DESERTO CANTATA, original score written for the GU CHOIR. Performance 15th March 2020 with artists from UK, Japan, Germany, France and India, at the Sacred Music Festival 2020. Postponed to Nov 2020



#### **14. GU CHOIR at the IWCF 2020 / India world Choral Festival**

Performance at the IWCF 2020 - India world Choral Festival - Prof Santiago Lusardi & the Goa University Choir at National Centre for Performing Art, Mumbai from 28th to 30th April 2020 with the SOI – Symphony Orchestra of India, and Choirs from France, Italy, UK and India. (Postponed to Sept 2020)

#### **GU CHOIR**

##### **Online Sessions**

On April 2020 we have started online sessions. Each GU CHOIR members (totally 41) is participating in two of the 8 Online Singing Sessions that we are offering every week.

Tuesdays 10.30 am, Wednesdays 17.30, Thursdays (3 Sessions) & Fridays (3 Sessions)

Anthony Gonsalves Western Music Chair

##### **2019-2020 Academic Year – Data**

##### **Prof. Dr. Santiago Lusardi Girelli**

- VRPP Courses: 3 Courses (5 credits totally – 50 students approx.)
- International Workshops & Symposium: 5 + 1 (International Symposium)
- Interaction With other Universities and Institutions: 12 from 9 Countries
- Faculty And Artists hosted from India & Abroad: 36
- Research- Composition and Premiers: 6 Works - 1 Oratory, 2 Cantatas, 2 Vocal pieces
- GU Choir Singers in 2019-2020 Season : 58 singers (41 women / 17 men)
- Concerts and Performances: 14 / Concert Venues:12
- Estimated audiences in all the performances 2019-2020: 4800/5000 people (approx.)
- Students and singers involved in the WM Chair Activities: 54 Students / 58 Singers
- Audience in GU CHOIR Concerts 2019-2020: 4800 (approx.)

##### **Nana Shirgaokar Chair in Indian Music**

- ▶ Prof Vidya Shah conducted a public lectures on topic “Women in Gandhian Satyagraha” at Chowgule college, Margao , Museum of Goa, Pilerne and Goa University from 31<sup>st</sup> Jan To 03<sup>rd</sup> Feb 2020.

##### **Sant Sohirobanath Ambiye Chair in Sant Sahitya**

- ▶ Department of Marathi along with D-VRPP conducted a Study tour with D-VRPP to various places of Sant Ambiye on 9<sup>th</sup> August 2019. The study tour was undertaken to collect and prepare document information of Authors, Poets and freedom fighter who contributed to the Goan freedom struggle and Goan literature.
- ▶ Department of Marathi had organized Ghumat Arti Competition in collaboration with D-VRPP in Goa University on 29<sup>th</sup> August 2019.

### **Dalai Lama Chair in Nalanda Studies (Funded by Dalai Lama)**

- **Activities would commence in financial year 2020-21**

### **VRPP Organizational Structure**

**(WEF 2018-19)**

### **Standing Committee of Executive Council on VRPP**

**Prof Varun Sahni**

**Chairperson**

**Members**

**Shri Srinivas Dempo**

**Prof Sita Naik**

**Prof Ira Bhaskar**

**Prof ShailaDesouza**

-

**Director, VRPP & Member Secretary**

**Prof Savita Kerkar**

**Prof Savita Kerkar**

**Director, VRPP**

**[www.unigoa.ac.in/vrpp](http://www.unigoa.ac.in/vrpp)**

**[vrpp@unigoa.ac.in](mailto: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](http://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

Goa University Inter Collegiate Championship Results 2019-2020

Sr. No.	EVENTS	Men		Women	
		WINNERS	RUNNERS-UP	WINNERS	RUNNERS-UP
1	Badminton	S. Damodar, Margao	G.E.C, Farmagudi	S.Damodar,Margao	V. M. Salgaocar, Miramar
2	Swimming	St. Xaviers, Mapusa	P.E.S, Farmagudi	S.S. Dempo, Cujira	P. Chowgule, Margao
3	Table Tennis	GEC, Farmagudi	GMC, Bambolim	St. Xavier's, Mapusa	M.E.S, Zuarinagar
4	Chess	GEC, Farmagudi	PCCE, Verna	-----	-----
5	Judo	S. Damodar, Margao	Rosary, Navelim	Rosary, Navelim	S. Damodar, Margao
6	Weight Lifting	G. Parsekar, Harmal	V.M. Salgaocar, Miramar	-----	-----
7	Power Lifting	DBC Engg, Fatorda	P.C.C.E, Verna & G. R. Kare Law, Margao	-----	-----
8	Best Physique	S.S. Dempo, Cujira	D.B.C, Panjim & MultiFaculty,Dharbandora	-----	-----
9	Cross Country	D.M.C, Assagao	G.C. Quepem	S. Mallikarjun, Canacona	G.C. Quepem
10	Tennikoit	S. Mallikarjun, Canacona	Rosary , Navelim	G.C. Quepem	G.C Khandola
11	Taekwondo	Rosary, Navelim	DBC Engg, Fatorda	M.E.S, Zuarinagar	G.C. Khandola
12	Football	Rosary, Navelim	D.B.C, Panjim	Rosary, Navelim	D.B.C, Panjim
13	Tennis	G.C. Quepem	P. Chowgule, Margao	-----	-----
14	Kabaddi	M.E.S, Zuarinagar	C.E.S. Cuncolim	St. Xavier's, Mapusa	C.E.S, Cuncolim
15	Cycling	Rosary, Navelim	G.C. Quepem	-----	-----
16	Basketball	P.C.C.E, Verna	D.B.C. Engg. Fatorda	S. Damodar, Margao	St. Xavier's, Mapusa
17	Athletics	D.M.C ,Assagao	Fr. Agnel, Pilar	Rosary, Navelim	G.C. Quepem
18	Baseball	G.V.M's, Farmagudi	V. Prabodhini, Porvorim	D.B.C, Panjim	P.E.S, Farmagudi
19	Handball	Rosary, Navelim	M.E.S, Zuarinagar	Rosary, Navelim	St. Xavier's, Mapusa
20	Hockey	St. Xavier's Mapusa	D.B.C, Panjim	St. Xavier's, Mapusa	Rosary, Navelim
21	Volleyball	S.S. Dempo, Cujira	D.B.C, Panjim	St. Xavier's Mapusa	Carmel, Nuvem
22	Kho-Kho	Shree Mallikarjun, Canacona	C.E.S, Cuncolim	G.C. Quepem	C.E.S, Cuncolim
23	Cricket	-----	-----	-----	-----

Sr. No	Events	Goa University teams 2019-2020, Names of Player and Officials
1	Cross Country (Men)	Naik Pradyumn G, Cardozo Teddy D, Khan Salman, Velip Harichandra S, Lima Grevilo. Officials: Dr. Sushant Haldankar & Dr. Rajan Mathew.
2	Cross Country (Women)	Bhandari Chetali C, Velip Alisha B, Gaonkar Rohine S, Velip Dipti V, Dias Reilma, Dias Clefa. Officials: Mr. Savio Leitaio & Ms. Nitisha Gaonkar.
3	Hockey (Men)	Tahashildar T. Ahmed, Valmiki Akshay P, Salunke Jagrut M., Mahesh Pawar, Sushas Kambli, Shubham Sharma, Riyazahmed Kambli, Ankush Kumar, Frebren A. Fernandes, D'Souza Ashton K, Khan Ayyaz H, Ijazahamad B. Majjagi, De Noronha Brendon D, Rathod Raju, Khan Kabir F, Vishnu Chawan. Officials: Mr. Aniket Kerkar & Dr. Rajan Mathew.
4	Table Tennis (Men)	Nikhil A Jadhav , Kewal S. Tamhankar , Vedanta R. Kulkarni , Karthik Y. Iyer , Rutuj S. Sonawane. Officials: Mr. Selwyn Coelho.
5	Aquatics (Men)	Aalhad V. Chati, Jerry D. Dmello. Official: Mr. P. Narsimhalu
6	Aquatics (Women)	Suman Dayanand Patil. Official: Mr. Dayanand Patil.
7	Kabaddi (Men)	Manjunath Godekar , Chetan Sane , Suresh Parsekar , Kartik Gaonkar , Laximanrao Rane , Krupesh Gaonkar , Sahil Sawal Desai , Paresh Shinde , Govind Gawas , Sawal Desai Nehal Balkrishna , Mahale Prathamesh P, Nagraj Godikar. Officials: Mr. Aaron Pereira & Mr. Swapnil Bhaip
8	Football (Men)	Gaonkar Sanket S, Kalangutkar Siddhant, Nazareth Velentino S, Dishu Singh, Falkar Pankaj K, K. R. Anantha Krishna, Danish Ahmed M.G, Satish M Kankonkar , Velip Pralhad B, Hadkonkar Akshat G, Naik Diptesh D, Sadanand S Dabholkar, Naik Shramesh S, Vaingankar Gaurav G, Cardoz Joston J, Gaonkar Harshad S, Hoble Mitesh G , Dias Sylvester ,Kannaik Pratik P, Pereira David. Officials: Mr. Ryan Pereira & Mr. Siddesh Kesarkar.
9	Kho-Kho (Men)	Gaonkar Sarvesh D, Gaonkar Sandesh M, Velip Dipesh B, Wagh Suraj R, Dinesh D. Kadam, Kaviraj K. Velip, Gaonkar Indrajeet Y, Gaonkar Binay G, Velip Aniketh A, Naik Shubham, Gaonkar Deepak M, Kakodkar Aviram G. Officials: Dr. Ramlal Vernekar & Mr. Caitano Clemento.
10	Volleyball (Men)	Gaonkar Ajay G, Gaonkar Bhagdo M, Parab Ashish P, Mandrekar Aviraj, Shirodkar Amlesh S, Nargoddi Pradeep J, Shubham S. Naik ,Dessai Pratik P, Adkonkar Pritesh H., Kalveyallapur Malik R, Rohan M. Kunkolkar, Karvinkop Shubham M. Officials: Mr. Avelino Pereira & Mr. Rama Dhawaskar.
12	Boxing (Men)	Naik Rahul R , Khan Abu Talib, Kabnoor Toshib I, Chotu Kumar, Vasudev Singh , Sameer Husainpira K, Raposo Joshua A, Akash S. N. Salgaonkar. Officials: Mr. Shailendra Gaonkar & Mr. Pravin Shirodkar.
13	Boxing (Women)	Surekha V. Alwankar , Dabholkar Rinky D, Megha Oraon , Prachi P. Kerkar , Khan Uzma J, Nishila S. Parsekar. Officials: Ms. Priyanka Khandeparkar & Mr. Pravin Shirodkar.
14	Judo (Women)	Sawant Neha N, Nethravathi S. Lamani, Sawant Dessai Anjoom D, Yigael J. Gomes, Rodrigues Pearl J. Officials: Ms. Nilufer & Mr. Shivkaran Kawet.
15	Cricket (Men)	Sahil U. Mandrekar , Kadam Mandar N, Kerkar Anush A, Suraj S. Gawade, Alambatta Agiladas, Parab Akash U , Sawant Pranal P, Hitesh S. Talwar, Vattipelli Sravankumar, Kubal Triroy Alias Vaibhav , Chodankar D. Pralhad, Bind Neehal I, Shanu B. Vantamuri, Khan Gori A. Abdul, Gosavi Umang P, Kundaikar Sinai P. M. S. Official: Mr. Gaurang Dhuri.

16	Cricket (Women)	Bhandari Vanita K, Naik Yogeeta S, Sonali S. Mayekar, Narvenker Sukanya P, Dabolkar Bhakti P, Gaonkar Preeti K, Kaushika R. Gaonkar, Faldesai Ciya Nitin, Parab Shreya S, Ghadi Sugandha G, Naik Shindiya, Amonkar Diksha D, Naik Divya M, Gawde Diksha M, Shiroadkar Saily V, Padate Prajval D, Officials: Ms. Surat Gawas & Mr. Shishir Divkar.
17	Handball (Men)	Girodkar Tejas A, Raza H. M. Qazi, Nikil Ahirwar, Naik Sayyam U, Paswan Raja K. B, Falkar Pankaj K, Redkar Yagnesh Y, Naik Rikith A, Yuvraj P. Gad, Dina N. Chopdekar , Rawool Sahil G, Prabhu Desai Ugam P, Akkivalli Iamamsab, Simron W. Rodrigues, Kalangutkar Harshal A, Shiroadkar Saish B, Officials: Mr. Anant Sawal & Mr. R. Ravivhandar.
18	Badminton (Men)	Kunkalinkar Yash S, Omanakuttan Sahil, Borkar Ritesh S, Fallary Krishnank D, Singh Jaideep R, Pai Khot Siddharth A. Official: Mr. Swapnil Chodankar
19	Athletics (Men)	Cardozo Teddy D, Mrunnal M. Naik , Khan Salman, Gaonkar Chetan R, Khan Kabir F, Joyal Johnson, Begur Sunil B, Renati Venkata S, Bandodkar Harshad G, Naik Pradyumn G, Officials: Mr. Sudhakar Naik & Mr. Digambar Naik.
20	Athletics (Women)	Rashi R. Halarnakar, Pereira Cecilia M, Parab Vaishnavi U, Gaonkar Rohine S, Officials: Ms. Devi Gaonkar
21	Judo (Men)	Khan Farhan, Khan M. Afran, Jaiswal Saurab K. S, Gouse A. Syed. Officials: Mr. Sayed Ulla.
22	Softball (Men)	Krunal K. Bhonsle, Sarthak R. Parab, Tadpatri Gaussab I., Abhishek B. Sarkar, Phayde Sunny A, Yogesh G. Malmangani, Bhonsle Shubham S, Angolkar R. Narayan, Kavalekar Makrand K, Navelkar Mayur D, Pranay P. Gavali, Naik Binesh G, Pritam R. Damanal, Mardolkar Gourav G, Parab Gaurang G, Khan Ayyaz H. Officials: Ms. Kalpana Naik & Mr. Swapnil Parsekar.
23	Football (Women)	Scindia V. Saundatkar, Daphina Costa, Rima H. Gadekar, Sushmita H. Jadhav, Swarangi S. Reddy, Divya R. Sangodkar, Alicia S. Fernandes, Karishma Shirvoikar, Dishna D. Kumar, Annette T. G. F. Da Costa, Jeromina Colaco, Karen Costa, Ashika H. Gadekar, Ancella M. Barretto, Chetna M. Tirodkar, Neefa Clemente , Geneive J. Fernandes, Officlas: Ms. Girija Desai, Ms. Mabel Mascarenhas & Mr. Osvaldo Costa.
24	Power-Lifting (Men)	Chipkar Rajat N, Khedekar Pranav R, Rane Kaviraj K , Alvares Nigel G, Madkaikar Suyog Sudesh , Bandodkar Harshad G, Komarpant Nehal N. Officials: Mr. Mahesh Kavlekar & Mr. Andrew Gomes.
25	Khelo India Football (Women)	Daphina Costa, Rima H. Gadekar, Sushmita H. Jadhav, Swarangi S. Reddy, Divya R. Sangodkar, Alicia S. Fernandes, Karishma Shirvoikar, Scindia V. Saundatkar, Dishna D. Kumar, Annette T. G. F. Da Costa, Jeromina Colaco, Karen Costa, Ashika H. Gadekar, Ancella M. Barretto, Chetna M. Tirodkar, Neefa Clemente, Anline S. Fernandes, Akshata Patil, Officials: Ms. Girija Desai Ms. Mabel Mascarenhas, Mr. Osvaldo Costa & Mr. Milton Fernandes.
26	K.I. Swimming (Women)	Suman Patil Official : Ms. Geeta Patil
27	K. I. Judo (Women)	Pearl Rodrigues Official : Ms. Mabel Mascarenhas

<b>WEST ZONE &amp; ALL INDIA INTER-UNIVERSITY CHAMPIONSHIPS(MEN &amp; WOMEN) 2019-2020</b>					
<b>Sr. no</b>	<b>Name of the championship</b>	<b>Venue</b>	<b>Dates</b>	<b>Position</b>	<b>Officials</b>
1	All India Cross Country-Men	Mangalore Uni. Karnataka	6 <sup>th</sup> Oct. 2019	Participation	Dr. Sushant Haldankar Dr. Rajan Mathew
2	All I Cross Country-Women	Andhra Uni. Vishakhapatnam	10 <sup>th</sup> Oct. 2019	Participation	Mr. Savio Leita Ms. Nitisha Gaonkar
3	West Zone Hockey-Men	LNPIE, Gwalior,	23-29 Oct. 2019	Qualifying round	Mr. Anikat Kerkar Dr. Rajan Mathew
4	West Zone Table Tennis-Men	Sri. Vaishnav Vidyapeeth, Indore	30 <sup>th</sup> Oct-2 <sup>nd</sup> Nov. 2019	3 <sup>rd</sup> Round	Mr. Selwyn Godinho
5	All India Aquatics-Men	Punjab Uni. Chandigarh	1-4 <sup>th</sup> Nov. 2019	Participation	Mr.P. Narasimhalu
6	All India Aquatics-Women	Punjab Uni. Chandigarh	6-8 <sup>th</sup> Nov. 2019	Participation	Mr. Dayanand Patil
7	West Zone Kabaddi-Men	University of Kota, Kota	18-22 <sup>nd</sup> Nov. 2019	Participation	Mr. Aaron Pereira Mr. Swapnil Bhaip
8	West Zone Football-Men	Barkatullah Uni. Bhopal	1-12 <sup>th</sup> Dec 2019	Qualifying Round	Mr. Ryan Pereira Mr. Siddesh Kersarkar
9	West Zone Kho-Kho-Men	Swami Ramanad T.M. Uni. Nanded	2-5 <sup>th</sup> Dec. 2019	3 <sup>rd</sup> Round	Dr. Ramlal Vernekar Mr. Caitano Clemento
10	All India Volleyball-Men	R.T. Maharaj University Nagpur	16-20 <sup>th</sup> Dec 2019	Participation	Mr. Avelino Pereira Mr. Rama Dhawaskar
11	West Zone Football-Women	Rani Durgawati V V. Jabalpur	16-21 <sup>st</sup> Dec. 2019	Winners	Ms. Girija Desai
12	All India Boxing- Men	Ch. Charan Singh Uni. Meerut	20-24 <sup>th</sup> Dec, 2019	Participation	Mr. Shailendra Gaonkar Mr. Pravin Shirodkar
13	All India Boxing-Women	Ch. Charan Singh Uni. Meerut	26 <sup>th</sup> Dec- 2 <sup>nd</sup> Jan.2020	Participation	Ms. Priyanka Khandeparkar Mr. Pravin Shirodkar
14	All India Judo-Women	Ch. Shahuji Maharaj, Kanpur	22-28 <sup>th</sup> Dec 2019	Participation	Ms. Nilufer Mr. Shivkaran Kawet
15	West Zone Cricket-Men	ITM University, Gwalior	23 <sup>rd</sup> Dec- 7 <sup>th</sup> Jan 2020	Participation	Mr. Gaurang Dhuri
16	West Zone Cricket-Women	Barkatullah Uni. Bhopal	25 <sup>th</sup> Dec- 7 <sup>th</sup> Jan 2020	Winners	Ms. Surat Gawas Mr. Shishir Divkar
17	West Zone Handball-Men	LNPIE,Gwalior	30 <sup>th</sup> Dec 2019- 3 <sup>rd</sup> Jan 2020	2 <sup>nd</sup> Round	Mr. Anant Sawal Mr. R. Ravichandar
18	West Zone-Badminton-Men	Swami Ramanad T.M. Uni. Nanded	2-5 <sup>th</sup> Jan. 2020	2 <sup>nd</sup> Round	Mr. Swapnil Chodankar
19	All India Athletics-Men	Rajiv Gandhi Uni. of Health Sciences, Mangalore	2-6 <sup>th</sup> Jan. 2020	Participation	Mr. Sudhakar Naik Mr. Digambar Naik
20	All India Athletics-Women	Rajiv Gandhi Uni. of Health Sciences, Mangalore	2 <sup>nd</sup> to 6 <sup>th</sup> Jan. 2020	Participation	Ms. Devi Gaonkar
21	All India Judo-Men	Ch. Shahuji Maharaj, Kanpur	7 <sup>th</sup> to 10 <sup>th</sup> Jan. 2020	Participation	Mr. Sayed Ulla
22	All India Softball-Men	Yogi Vemana Uni. Khadappa	8-12 <sup>th</sup> Jan 2020	2 <sup>nd</sup> Round	Ms. Kalpana Naik Mr. Swapnil Parsekar
23	All India Football-Women	KIIT, Bhubaneshwar	9-12 Jan. 2020	3 <sup>rd</sup> Place	Ms. Mabel Mascarenhas Mr. Osvaldo Costa Mr. Milton Fernandes



24	All India Power Lifting-Men	University of Mumbai	27-31 <sup>st</sup> Jan. 2020	Participation	Mr. Mahesh Kavlekar Mr. Andrew Gomes
<b>KHELO INDIA INTER-UNIVERSITY CHAMPIONSHIPS 2019-2020</b>					
25	KI Football-Women	KIIT, Bhubaneshwar	21 <sup>st</sup> Feb. to 1 <sup>st</sup> Mar. 2020	4 <sup>th</sup> Place	Mr. Milton Fernandes Ms. Mabel Mascarenhas Ms. Girija Desai Mr. Osvaldo Costa
26	KI Swimming-Women	KIIT, Bhubaneshwar	23 <sup>rd</sup> to 26 <sup>th</sup> Feb. 2020	Participation	Ms. Geeta Patil
27	KI Judo-Women	KIIT, Bhubaneshwar	27 <sup>th</sup> to 29 <sup>th</sup> Feb. 2020	Participation	Ms. Mabel Mascarenhas

#### 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. The following activities were facilitated by the DSW office during the academic year 2019-20.

1. Elections for the post of University Class Representatives were held on 02/08/19.
2. Elections for University Faculty Representatives were held on 08/08/2019.
3. Elections for the Executive Body of the Goa University Student Council were held on 26/08/2019.
4. Elections for the Post Graduate Student's Union for the year 2019-20 were held on 26/09/2019.
5. Under the Earn While You Learn Scheme, an amount of Rs. 97,500/- was paid to the eligible Post Graduate students under this scheme.
6. Plateaunica 2019-20: Plateaunica was organized by the Post Graduate Student's Union during 6<sup>st</sup>, 7<sup>th</sup> and 8<sup>th</sup> of March, 2020 at Dr. Shyama Prasad Mukherjee Indoor Stadium, Goa University. The Plateaunica event is organized to bring together all the Post-graduate students, and to enable them to test their creativity and talents in the fields of Art, Culture and Music. Several on-stage and off-stage events were held.
7. The Post Graduate Students Union 2019-20 had organised the annual inter departmental sports event 'PlayOnn' on 16<sup>th</sup> & 17<sup>th</sup> Dec 2019 in the University campus.

#### 4.5 U. G. C. Human Resource Development Centre

The UGC- Human Resource Development Centre Scheme in its program of action, makes a pointed reference to the crucial link between teacher motivation and quality of education. Since teachers occupy a key position in the education system, the quality, competence and character of teachers

are of utmost importance. They influence the standard of education and thus contribute to the National development.

During the year 2019-2020 the UGC-HRDC, conducted three Orientation Program, five Refresher Course in subject of Library and information science, Life Sciences (Inter Disciplinary), Environmental Sciences (Inter Disciplinary), Hindi and Social Sciences (Inter Disciplinary), three Short Term Course Yoga/Spiritual Values, Workshop on MOOC's e- Content Development and Open Educational Resources and Challenges in Higher Education one Principal's Meet . The details of the period of conduct of the programs and number of participants have been given below.

**Refresher Courses/Orientation Programs/S.T.C./Others conducted in 2019-2020**

Sr. No.	Courses Conducted	From	To	Number of Participants		
				Male	Female	Total
1	Short Term Course Yoga/Spiritual Values	09-07-2019	15-07-2019	24	8	32
2	104th Orientation Program	30-07-2019	26-08-2019	25	13	38
3	Refresher Course in Library and information Science	17-09-2019	07-10-2019	23	5	28
4	105th Orientation Program	12-11-2019	09-12-2019	20	18	38
5	Refresher Course in Life Sciences (Inter Disciplinary )	13-11-2019	03-12-2019	21	8	29
6	Short Term Course Workshop on MOOC's e-content Development and Open Educational Resources	17-12-2019	23-12-2019	15	5	20

7	Short Term Course Challenges in Higher Education	17-12-2019	23-12-2019	34	6	40
8	Refresher Course in Environmental Sciences (Inter Disciplinary )	07-01-2020	27-01-2020	25	3	28
9	Refresher Course in Hindi	14-01-2020	03-02-2020	18	6	24
10	Refresher Course in Social Sciences (Inter Disciplinary )	11-02-2020	02-03-2020	21	11	32
11	Principal Meet	13-03-2020	13-03-2020	17	6	23
12	106th Orientation Program	18-02-2020	16-03-2020	16	12	28

(C. U. Rivonker )

I/C Director UGC – HRDC

## 4.6 Study India Programme

"For this academic year's SIP eight students arrived from the College of International Relations, Nihon University, Mishima, Japan in the month of September 2019. After a course on Basic Orientation in English, they attended courses on Indian History, Indian Philosophy, India's Economic Development, International Management, Political Science and International Relations, and Social Issues. In the month of November 2019, they participated in a weeklong study tour to North India and in the month of January they visited South India. On 20 February 2020 they staged a One Act Japanese Folk Drama entitled "Momotaro – The Peach Boy" directed by Shri Mario Coelho, one of the Resource Persons in the Module on English. In the first week of March this year's students returned to Japan. "

Yours faithfully,  
Ganesha Somayaji

## 4.7 Swachh Bharat Abhiyaan

### **Sub: Campus garbage Clean-up drive 2020**

As part of the Goa University Swachh Bharat Activities for the year 2020. The Swachh Bharat Abhiyaan Committee organized a Goa University Campus garbage clean-up drive on Thursday, 27<sup>th</sup> February, 2020 from 9.30am to 11.30am. Participating staff, students and faculty of the University were provided with a T Shirt and cap at the start of the clean-up activity and refreshments were served at 11.30am in the Faculty canteen.

All participants were requested to assemble in front of the Library near the clock tower at 9.30 am.

The required cleaning accessories such as gloves, brooms and garbage bags were also provided to the participants.

All the Deans, Heads of the Departments, Sectional Heads, Officers, Teachers, Staff and Students of the Goa University were requested to participate in the drive to maintain the cleanliness in the campus.

The clean up drive was a grand success and was well attended and participated by about 250 participants. The garbage, plastic waste, paper, bottles etc. around the various buildings located in the Goa University campus were cleaned and collected at each location.

R S Parsekar  
Assistant Engineer  
& Member Secretary (SBAC)

## 4.8 WOMEN'S HOSTEL

Report of the activities organized and conducted in the women's hostel for the academic year 2019-20 are as follows:

- **Tree Plantation Program:**

Women's hostel organized tree plantation program where all hostel students took part in the program. All hostel students were requested to get one plant / sapling and plant it in the hostel premises. This program was held on 20.09.2019. Prof. Savita madam coordinated the program and also got many plants which students planted in the premises.

- **Programme on Yoga awareness :**

A session on importance of yoga was conducted on 9<sup>th</sup> January 2020. Dr. Payaswini coordinated the program. Around 20 students attended the session. Prof. Jyoti Pawar delivered the talk on importance of yoga and at the end of the session students discussed about how they can continue the yoga techniques in their life. Also one student volunteered to conduct the sessions in the hostel every morning from 6.00a.m for which 12 students continued the class and was stopped after the lockdown.

- **Campaign for Swachhta Pakhwada 2020:**

A cleanliness drive was organized on 25<sup>th</sup> January, 2020 in the women's hostel campus as a part of Swachhta Pakhwada 2020. The activity started at 10.30 am.

The main motive of this activity was to create awareness among the inmates regarding the cleanliness and its importance. All the participants took a pledge to clean up their hostel and surroundings. Warden along with staff members and students around 20 were actively involved in the cleanliness drive and picked up wrappers and plastic bottles lying scattered around the campus. They enthusiastically took up brooms and garbage bags to clean up every corner of the hostel premises and surroundings. All the staff members and students after doing this job for two hours, assembled in the mess hall for the refreshments. Thereafter warden thanked all the participants and requested to conduct such activities in future.

#### **4.9 STUDENT PLACEMENT AND ALUMNI RELATIONS**

The DSPAR helps in organizing the placement drives, and conduct of alumni meets in assistance with Schools and departments. DSPAR conducted the following activities during the academic year 2019-2020.

##### **I.ON CAMPUS RECRUITMENT:**

1.**JUST DIAL, PUNE:** A recruitment drive for Just Dial, Pune, on 23<sup>rd</sup> June 2019 in the Management building. 46 students from the Goa University and affiliated Colleges attended the interview. **17 students were selected and given the offer of appointment on the same day.** The salary offered was Rs.19,000/- per month.

2.**HINDUSTAN COCA-COLA BEVERAGES PVT. LTD., VERNA:** A recruitment drive was conducted on the campus on 10<sup>th</sup> July 2020 to recruit a Human Resource Manager. **26 PG students were interviewed, and Ms.HymaMandapaka was selected for the position** on a salary of Rs.3.00 lakhs per year.

3.**SANOFI INDIA LTD., VERNA:** The company visited Goa University campus on 8.2.2020 to interview M.Sc. Chemistry students to select Apprentices. Twenty-five students answered the written test, and based on the test and oral interview, six students were chosen to work as Apprentices on a stipend of Rs.17,500/- plus free food and transport.

##### **II.OFF CAMPUS RECRUITMENT:**

**ADSPERFECTION:** This company from Campal, Panaji required CVs of graduates for Business Development Executive position. **Out of 3 students that were interviewed, Shri Siddesh G. Morajkar was selected for the post.**

Mr. Alberto Fernandes,  
Consultant, DSPAR

Prof. Sanjeev C. Ghadi,  
Director, DSPAR.

## **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.
48. V. M. Salgaocar College of Law, Miramar
49. National Institute of Hydrography Vasco-da-Gama



## 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 Borker

**Contact No:** 08322461507/ 9822129669

**Email:** [dhempe@rediffmail.com](mailto:dhempe@rediffmail.com)

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

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

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>nd</sup>	B+	-----	2003	from:2003 to: 2008
2 <sup>nd</sup>	A	3.12	2010	from:2010 to: 2015
3 <sup>th</sup>	A	3.20	2015	from:2015 to: 2020

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

Course Offered	Sanctioned Strength		Filled Strength	
	Entry level	(Total)	Entry level	Total
B. A.	180	540	181	(466)
B.Sc.	176	(528)	195	(441)
B.Sc. (Biotech. SF)	60	(150)	32	( 97)
M.Sc. (Chemistry)	20	(40)	20	(39)

**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:**  
02-Chemistry

**Any new course(s) started:** M.Sc. (Chemistry) Part 2

**Faculty strength: 53**

(Note: Specify only the number of full time & regular appointments including teachers on FIP and fellowships. Appointments on Lecture basis, contract and temporary positions of less than eleven months should not be specified)

**Achievements of the College:**

1. Signed MoU with The Faculty of Science & Tech., Meijo University, Japan this year and have continued with earlier signed MoUs with premier Institutions such as NIO, NCPOR, ICAR, TERI, Sangath, AFA, EDC-IGNITE, I&TII-INSERM Paris, Vellore University, Cluster of Colleges for Research in Chemistry.
2. Organised **three** International conferences/symposium : (a) "International Symposium on Material Science and Innovation for Sustainable society" in collaboration with Meijo University, Japan which was addressed by Prof. Akira Yoshino, Nobel Laureate in Chemistry (2019) (b) International Interdisciplinary Conference (c) International Webinar on Wildlife conservation.
3. Established Digital Language Laboratory and Skill Development Centre. Conducted skill enhancement course for students and school teachers.
4. Established centralized Instrumentation Laboratory with advanced equipment such as AAS, GC, etc.
5. Secured ranking in the 151-200 band of NIRF by MHRD, Green Certification Level III by GSCP, ISO 9001:2015 Certified

**Sponsored Research Projects only sanctioned/Completed during June 2019 and August 2020. (Include only research projects of minimum Rs one lakh)**

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
1	Dr. Swati Pawar	Design and development of a photovoltaic and human power hybrid energy system	02/08/2017 3 years	DST&E	5.00	Ongoing
2	Dr. Manoj Ibram-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 (Nos. only)**

International Level: 03

National Level: 03

State Level: 17+ (9 Institutional level)

**Details of International Conferences/Workshops/ Webinars organized**

1. One day International Interdisciplinary Conference titled 'The Cultural Contribution of Goa Liberation Movement at National and International Levels and The Cultural Contribution of Samyukta Maharashtra Movement at National and International Levels' fully sponsored by Snehavardhan Research Institute, Pune-Maharashtra, 7<sup>th</sup> December, 2019. 03 participants from abroad.

2. International Webinar on "Wildlife conservation: Insight into effects of COVID 19 pandemic" on 1st and 2nd July 2020. Six eminent speakers from reputed Institutions delivered their presentations. International speakers were from Brazil and Srilanka. More than 200 participants from all over India, and few from USA and Brazil attended the webinar on google meet and YouTube streaming. YouTube overall views were more than 500.

3. "International Symposium on Material science and Innovation for Sustainable society" on 26<sup>th</sup> and 27<sup>th</sup> August 2020, in collaboration with Meijo University, Japan and Government College of Arts, Commerce and Science, Khandola under cluster

of

colleges. Prof. Akira Yoshino, Nobel Laureate in Chemistry (2019) and distinguished professor from Meijo University Japan delivered keynote address on 'History and future of Lithium-ion batteries'. 10 Other resource persons were from Japan, India and Prof. Jose Figueiredo from University of Porto Portugal. This symposium was attended by 315 participants while 923 viewed it on Youtube streaming.

**Publications**

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	05	01	03	09
	Foreign Publisher	Indian Publisher	Local Publisher	Total
I. Books/Edited Books	0	01	0	01
a. Research papers In Edited Books	01	0	0	01
b. Books	0	0	0	0
	International	National	Local	Total
I. Research papers in Conference Proceedings	05	0	0	05
Total	11	02	03	16

**Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
4	14	24+8

**Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
01(webinar)	07 (webinars)	11

**Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
0	06 1. Manjunath Nayak (Physics) 2. Chandan Naik (Chemistry) 3. Samantha Fernandes (Biotechnology) 4. Preethi Pandit (Biotechnology) 5. Alisha Fernandes (Zoology) 6. Mamta Kumari (Mathematics)

No. of Teachers pursuing Ph.D.: 16

**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
Mr. Prajal Sakhardande	Cuncolim Mitra Award	Cuncolim Chieftain 15/07/2019

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

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	03	03	03	09	-	01	-	01
State	-	01	-	01	-	-	-	-
National	-	-	-	-	-	-	01	01
International	-	-	-	-	01	-	-	01
Total	-	-	-	-	-	-	-	-

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

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

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 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Vedant Sawant	Tennis Ball Cricket	Indo-Thai Tennis Ball Cricket Championship	Tennis ball cricket Federation of India	1 <sup>st</sup> place
Joston Cardozo	Football	Khelo India Youth Games	Ministry of Youth Affairs and Sports, Gol	3 <sup>rd</sup> Place

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

1. Dr. Roshida Rodrigues: The paper title 'The Significance of Eco-feminism in Environmental Philosophy: Critical Appraisal' won the Best Research Paper Award for a National Conference on "Women Empowerment and Gender Equality-Contemporary Issues" held on 4<sup>th</sup> January, 2020 at Thakur College of Science and Commerce, Khandivili, Mumbai
2. Mr. Prajal Sakhardande felicitated and awarded by Carmelite Church, Margao for saving the historic ruins of Carmo Church of 1749 of Chimbél by securing it a Heritage Tag on 16/7/2019
3. Dr. Sonia B. Parsekar and Dr. Durga P. Kamat were awarded **1<sup>st</sup> and 2<sup>nd</sup> prize** respectively poster on the theme "Need for Green Chemistry" at the one-day National Symposium on "Green Chemistry for Better Sustainability," at Dnyanprassarak Mandal's College and Research Centre, Assagao, Bardez-Goa on 27<sup>th</sup> September 2019.
4. Dr Manjunath Nayak was awarded best paper award for his paper on "Raman analyses of potassium iron silicate glasses" at the "International Symposium on Material science and Innovation for Sustainable society" on 26<sup>th</sup> and 27<sup>th</sup> August 2020, in collaboration with Meijo University, Japan and Government College of Arts, Commerce and Science, Khandola
5. Dr. Gauri Achari received the first prize for oral presentation at the National Conference on 'Frontiers in Biopesticides and Biofertilizers' organized by PES College on 7<sup>th</sup> December 2019.
6. Dr. Preethi Pandit won the 2<sup>nd</sup> place for **Best Idea "Ideathon 2019"** organised by BITS BIRAC BioNEST & CIIE at BITS Pilani, K K Birla, Goa Campus on 15<sup>th</sup> October 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. Shaila R. Ghanti (Offg. Principal)

**Contact No:** (0832) 2722222

**Email:**[principal@chowgules.ac.in](mailto:principal@chowgules.ac.in)

**College website:** [www.chowgules.ac.in](http://www.chowgules.ac.in)

**The NAAC accreditation Status:**

The college has been re-accredited with Grade 'A' by National Assessment and Accreditation Council (NAAC) with a CGPA score of 3.41 on a 4 point scale in the third cycle of accreditation in May 2014.

**Courses offered and Sanctioned Strength**

<b>Courses</b>	<b>Sanctioned Strength</b>	<b>Filled Strength</b>
F.Y.B.Sc	240	221
S.Y.B.Sc	180	206
T.Y.B.Sc	150	216
F.Y.B.Sc – BIOTECH- Self-financed	30	29
S.Y.B.Sc –Biotech -Self-financed	25	29
T.Y.B.Sc –Biotech - Self-financed	25	26
T.Y.B.Sc Geography - Self-financed	20	8
F.Y.B.Sc – Biochemisrty (self-financed)	30	25
S.Y.B.Sc - Biochemisrty (self-financed)	25	20
T.Y.B.Sc - Biochemisrty (self-financed)	25	14
F.Y.B.Sc - Statistics (self-financed)	20	0
S.Y.B.Sc - Statistics (self-financed)	20	2
T.Y.B.Sc - Statistics (self-financed)	20	5
F.Y.B.A	180	244
S.Y.B.A	180	179
T.Y.B.A	180	130
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	28
F.Y.B.Voc – Software Development (self-financed)	30	19
S.Y.B.Voc - Software Development (self-financed)	30	26
T.Y. B.Voc -Software Development (self-financed)	30	13
F.Y.B.Voc – 3D Media & Virtual Reality - VFX (self-financed)	30	10
S.Y.B.Voc – Multimedia-Digital Filmmaking (self-financed)	30	12
F.Y.B.Voc-Multimedia -Digital Filmmaking (self-financed)	30	9
S.Y.B.Voc-Multimedia -Digital Filmmaking (self-financed)	30	11
<b><u>P.G.Courses (Self-Financed Courses)</u></b>		
M.A. – Part I (Geography)	25	10

M.A. – Part II (Geography)	25	5
M.Sc. – Part I (Information Technology)	20	20
M.Sc. – Part II (Information Technology)	20	16
M.Sc. – Part I (Analytical Chemistry)	20	13
M.Sc. – Part II (Analytical Chemistry)	20	11
M.A. – Part I (Economics)	20	8
M.A. – Part II (Economics)	20	7
M.A. – Part I (Hindi)	20	8
M.A. – Part II (Hindi)	20	16
M.A. – Part I (Psychology)	20	10
M.A. – Part II (Psychology)	20	13
M.A. – Part I (English)	20	5
M.A. – Part II (English)	30	7
M.Sc.- Part I (Geoinformatics)	20	8
Post Graduate Diploma in Computer Applications	30	13
Post Graduate Diploma in Geoinformatics (self-financed)	25	23
Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques (self-financed')	15	9
<b>Total</b>		<b>1681</b>

#### **Research Centre:**

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

#### **No. of Candidates, Sunjectwise, registered for PhD under the research Centre:**

<b>Subject</b>	<b>No. of Candidate</b>
Geography	04
Hindi	03
Botany	Nil

**Faculty Strength: 69**

#### **Achievements of the College:**

**A.** Our College is categorized as 'Band A' institution(Rank between 06-25) in category of "Institutes & Colleges (Govt, and Govt. Aided)" in Atal Ranking of Institutions on Innovation Achievement(ARIIA) 2020 announced by MHRD, Govt, of India, on 18th August 2020.

**Sponsored Research Projects sanctioned, ongoing and completed during June 2019- 2020**

#### **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	Prof. Nandkumar N. Sawant	Revealing the (In)visible cultural landscape and Heritage : Amalgation of Goas urban transformation and identity	19.09.2019 2 years	Indian Council of Social Science Research	8.00	Sanctioned
2	Dr. Purnima Singh	Studies on characterization of most promising substance of biotechnological interest from selected bacterial	14.08.2017 2 years	Science and Engineering Research	19.20	Completed

#### 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	Ananya Das	Study of Bose-Hubbard model using Real Space Renormalization Group method.	17/06/2019 2 years	Director of Higher Education (DHE)	4.30	Sanctioned



2	Yatin P. Desai	Study of Zinc Oxide Composite Doped with Transition Metal Ions (Mn, Ni, Co, Fe)	10/12/2019 3 years	Department of Science and Technology Goa	3.20	Sanctioned
3	Amisha Shirodkar Pednekar	Understanding Cellulolytic Activity of Fungi Isolated from Litter of Coconut Trees	18/12/2019 2 years	Department of Science and Technology Goa	3.00	Sanctioned
4	Nandkumar N. Sawant & Nandini Vaz Fernandes	Development of Wildlife Management Plan for Bondla Sanctuary	07/05/2020	Goa Development Corporation, Govt, of Goa	2.49	Sanctioned
5	Nandkumar Sawant Nandini Vaz Fernandes	Wildlife Activity App	19/06/2020 1 year	Goa Forest Development Corporation, Govt, of Goa	1.10	Sanctioned
6	G. K. Naik &	Low Temperature Synthesis Characterization Nanosize Chromites : An Industrial Catalyst	17/06/2020 3 years	Department of Science of and Metal Technology Goa	2.50	Sanctioned

7	Magnolia Miranda	Study of the Microstructures of the Canacona Granites"	26/06/2020 2 years	Department of Science and Technology Goa	2.50	Sanctioned
8	Lactina Regina Gonsalves	Development Ongoing Functionalised Nanoparticle oxides for Gas Sensing and other Potential Applications.	26.10.2017 2 years	Director of Higher Education (DHE)	3.10	Ongoing
9	Uma Masur	Molecular characterization Dysoxylum binectariferum Hook. f. regenerated plants in vitro by RAPD, SSR and ISSR methods.	26-10-2017 2 years	Director of Higher Education (DHE)	3.50	Ongoing
10	Sameena Fernandes e Falleiro	Teaching and Learning and Future Directives with Reference To under Graduate Education in Goa with ICT: Current Status	27-06-2018 2 years	DHE REsearch Science Promotion	2.00	Ongoing
11	Nandini Vaz Fernandes	Evaluation of effectiveness of methodologies used in conducting practicals of graduate and undergraduate courses in Biological Sciences	27-06-2018 2 years	DHE REsearch Science Promotion	2.00	Ongoing

**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
------------------------	-----------------------------	---------------------	-------------------------	--------	---------------

Uma Masur S. S. Adsul Deepak Kumbhar	Medicinal Plant Cultivation	Goa Shield Real Estate Pvt.Ltd Company (GSREPL), Raia	1 year	2.5 lakh	April 2019
Nandkumar Sawant Nandini Vaz Fernandes Uma Masur Sanjay Gaikwad Deepak Kumbhar	PBR (People's Biodiversity Register) for the villages of Molcornem , Xeldem,	Goa State Biodiversity Board (GSBB), Saligao, Goa	2019-20	6.50 lakhs	30.10201 9
Adrian Ferro	CYRO-Times , E-Newsletter (2 Issues)	Kolhapur Oxygen and Acetylene Pvt. Ltd., Kolhapur	2019-20	10000/ - (Rs. 5,000/- per	

#### Conferences/Workshops Organized:

State Level: 01          National Levels: 03

#### Publications:

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed	UGC Recognized	ISSN	Total
I. Research papers in journals	10	2	2	14
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books / Edited Books	-			01
Books	05	4	2	11
<b>Total</b>	<b>15</b>	<b>6</b>	<b>4</b>	<b>25</b>

#### Papers presented in Conferences/Seminars/Workshops:

Abroad: 01          within India: 11          within Goa:12

#### Invited Lectures given by the Faculty:

Abroad: 01          within India:16          within Goa: 24

**Details of invited lectures abroad (only if visited abroad) may be given as follows:**

<b>Name of the teacher</b>	<b>Topic/Theme of Lecture</b>	<b>Name of the Country</b>	<b>Institution visited</b>	<b>Dates of visit</b>	<b>Funding Agency</b>
Ms. Madhavi Motankar	Types of Electrophoresis and medicinal plants used in India	Sweden	Tullinge Gymnasium and Bromma Gymnasium	1st to 14th September, 2019	Self-funded

**No. of teachers who obtained research degree during the year: PhD 01**

**Details of research degree obtained:**

<b>Name of the Teacher</b>	<b>Department</b>	<b>Name of the thesis</b>	<b>University which awarded degree</b>
Starlaine Mascarenhas	Biotechnology	Environmental Toxins Responsible for the Development of Chronic Kidney Disease of Unknown Etiology (CKDu) in Canacona Taluka, Goa	BITS Pilani University, Rajasthan

**No. of Teachers Pursuing PhD. 14**

**Awards:**

<b>Name of the Faculty</b>	<b>Title of the Awards/Honours</b>	<b>Name of Agency/Institution sponsoring the award. Date of Award</b>
Hanumant Chopdekar	T. M. Pai Foundation Literary Award	T.M. Pai Foundation, Manipal, Karnataka 10th May 2019
Anand Masur	Rangasanman Puraskar	Kala Academy, Goa 11th July 2019

**Sports Achievements:**

<b>Level of Competition</b>	<b>Individual Event</b>				<b>Team Event</b>			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter Collegiate	3	11	6	20		5	3	8

State	2	1		3				
National		1	1	2				
<b>Total</b>	<b>5</b>	<b>13</b>	<b>7</b>	<b>25</b>		<b>5</b>	<b>3</b>	<b>8</b>

#### 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 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Saachi Ajay Gramopadhye	100 mtrs freestyle swimming	Khelo India National Games January 2020	Govt, of India	2nd
Shet Narvekar Kiran Gurudas	100 mtrs freestyle swimming	Khelo India National Games January 2020	Govt, of India	2nd

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

1. Prof. Nandkumar N. Sawant, Principal was appointed as a Member of International Editorial Board(2020-2025) of the 'Konkan Geographer'- Journal of the Konkan Geographer's Association of India, Sindhudurg, Maharashtra.
2. Prof. Sangeeta G. Sankhalkar, Department of Botany has been awarded the Indian National Science Academy (INSA) visiting Scientist Fellowship 2020-21 for three months to undertake research work in a reputed Indian Institute/University.
3. Dr. Hanumant Chopdekar, Department of Konkani, has been appointed on the Editorial Board as a member of Konkani Research Journal 'Sasai' by Vice Chancellor of Goa University for three years (2019 to 2022), and also a Coordinator of 'Manuscript Selection Committee' of Goa Konkani Academy, Govt, of Goa for the year 2019-20.

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

**Year of Establishment:** 1963

**College Address:** Mapusa Bardez Goa

#### Principal's Details:

**Name:** Prof. Blanche Mascarenhas  
**Contact No:** 8888657331  
**Email:** prin.xavier@unigoa.ac.in  
**College website:** [www.xaverscollege-goa.com](http://www.xaverscollege-goa.com)

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): A Grade with CGPA Score of 3.12 on a 4 point scale, 4<sup>th</sup> Cycle.

Courses offered	Sanctioned strength	filled strength		
		FY	SY	TY
BA	240	285	260	209
BCom	240	242	286	253
BSc	240	252	271	194

Research Centre: Chemistry and Geography (Under Cluster system) .

No. of Candidates Registered for Ph.D	subject wise	Research Center
2	Chemistry	Cluster System

Faculty strength: 127

Achievements of the College:

1. Only college to be Accredited in the 4<sup>th</sup> Cycle.
2. India Rankings 2020: College Rank Band : 101-150 by NIRF.
3. India Today-Best Colleges in India: Rank 67<sup>th</sup> (BCom), 68<sup>th</sup> (BCA), 79<sup>th</sup> (BSc), 101<sup>th</sup> (BA).
4. Five Professor Posts.
5. First Undergraduate College to have X-Ray Diffractometer (XRD)

Sponsored Research Projects only sanctioned/ Completed during June 2019 and May 2020. (Include only research projects of minimum Rs one lakh)

Sr.No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
1	Dr. Hari Kadam	Synthesis of Novel Coumaryl Pyrazoles and Coumaryl Pyrazolones and study of their Antioxidant and atniglycosidase activity	17 <sup>th</sup> March 2019, for 3 years, upto March 2022	DST, Govt of Goa	1 <sup>st</sup> Installment of 2 lakhs, sanctioned.	Ongoing

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

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).

I 'Sample Analysis' through Instrumentation Center, St. Xavier's College for 2019-20, Rs.1,55,310/-.

ii Center for Bank and Government Exams, St. Xavier's College for 2019-20, Rs. 1,23,697/-

#### Conferences/Workshops Organized (No.s only)

State Level: 12

National Level: 1

#### Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	15	12	10	37
	Foreign Publisher	Indian Publisher	Local Publisher	
I. Books/Edited Books	2	4	1	7
a. Research papers in Edited Books	Nos. only	2	1	3
b. Books	Nos. only	Nos. only	Nos. only	
	International	National	Local	
I. Research papers in Conference Proceedings	Nos. only	Nos. only	Nos. Only	
Total	11	25	2	38

#### Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
2	14	33

Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
Nos. only (No. of Lectures)*	4	20

#### Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
NIL	1. Dr. Apurva Betkekar, Marathi, Goa University 2. Dr. Ramiro Luis, Psychology, Karnatak University

No. of Teachers pursuing Ph.D: 11

#### Awards

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognised and reputed agencies), Date of award
Dr. Dadapir Jakarti	A.P. J. Kalam Award	International institute of Social and Economic Reforms, Bangalore.

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

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	-	-	-	-	6	2	1	9
Inter-University	-	-	-	-	-	-	1	1
National	-	-	-	-	-	-	1	1
<b>Total</b>	-	-	-	-	<b>6</b>	<b>2</b>	<b>3</b>	<b>11</b>

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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Sushmita Jadhav Ashika Jadekar Scindia Sawndatika r	Football	West Zone intercollegiate football, 16/12/19 to 21/12/19	Rani Durgawati Vishwanudyalaya Jabalpur (M.P.)	1 <sup>st</sup> place
Sushmita Jadhav Ashika Jadekar Scindia Sawndatika r	Football	All India Interuniversity Football		3 <sup>rd</sup> Place
Yashwant B. S. Desai	Kabaddi	National Kabaddi Championship, 13/2/20 to 17/2/20	Federation of Haryana	3 <sup>rd</sup> Place
Vishnu Gosavi	Football	Khelo India Youth Games	Sports Authority of Guwahati, Assam	3 <sup>rd</sup> Place
Koushika Gaonkar	Cricket	West Zone Interuniversity Cricket, 24/12/19 to 9/1/20	Barkatullah University Bhopal	1 <sup>st</sup> Place



## 5. 4 DCTs S. S. Dempo College of Commerce & Economics, Bambolim.

Year of Establishment: 1966

College Address : D.C.T's S. S. Dempo College of Commerce & Economics,  
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: dempocollege.edu.in

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round) :  
Accredited, A grade with a CGPA score of 3.30) 3<sup>rd</sup> round

Courses offered, sanctioned and filled 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. 362 S.Y. 328 T.Y 216 Total 906 ( Permission taken for additional students)
2	BBA	F.Y. 100 S.Y 100 T.Y 100 Total 300	F.Y. 101 S.Y 98 T.Y 87 Total 286 (Permission taken for additional students)
3	M.Com.	F.Y. 50 S.Y 50 Total 100	F.Y 52 S.Y 33 Total 85 ( Permission taken for additional students)
4	M.A. in Tourism and Heritage Management	Part I 30 Part II 30 Total 60	Part I 22 Part II 16 Total 38
5	PGDM-Event Management	30	7
6	Six months' Certificate course in Event Management	30	21
7	Integrated Masters of Commerce I MCom	40 40	29 34

Any new course(s) started:

1. Certificate Course in Graphic Designing
2. Certificate Course in Business Analyst
3. Certificate Course in Advance MS Excel
4. Diploma in IATA Airport Management
5. 6 days advanced GST Practitioner Training Program
6. Certificate Course on Stock Market Operations
7. 30 hours Certificate Course in Tally

**Faculty strength: 27**

**Achievements of the College: Only institutional achievements should be mentioned.**

i) Institution accredited by NAAC with 'A' Grade (CGPA – 3.30).

ii) Member of Research cluster for Commerce & Economics

iii) Olympics down the Ages-2020 – A scientific International Conference on Physical Education and Allied Sciences was organized along with Govt. College of Arts, Science and Commerce, Sanquelim, Goa in association with DHE, Goa under the aegis of NAPEES

iv) In alignment with the Skill India National Mission, the Dempo Centre for Skill Development (DCSD) set up in the previous year became functional in 2019-20.. The Centre emphasizes the need to skill young people such that they can find employment or to create employment through entrepreneurship courses conducted during 2019-2020 were:

Graphic Designing, Stock Trading, Career Development, Business Analyst, Advanced MS Excel, Banking, Finance and Insurance.

#### **Conferences/Workshops Organized (Nos. only)**

State Level: 7

National Level: 1

International Level : 1

#### **Details of International Conferences/Workshops organized**

OLYMPICS DOWN THE AGES – 2020, Holistic Development for Excellence in Sports Performance, Health and Wellbeing, Scientific International Conference on Physical Education and Allied Sciences organised on 27, 28, 29 February 2020 organised by Dempo Charities Trust's S.S.Dempo College of Commerce and Economics, Cujira, Bambolim, Goa and Government College of Arts, Science and Commerce, Sanquelim –Goa

Amount Sanctioned: Rs. 15 Lakhs sponsored by Directorate of Higher Education, Government of Goa and National Association of Physical Education and Sports Science (NAPESS)

International delegates: 10

#### **Publications**

Publications	Cat-I	Cat-II	Cat-III	
	Scopus	UGC Recognised	ISSN	Total
1. Research papers in Journals	4	3	2	9
	Foreign Publisher	Indian Publisher	Local Publisher	
2. Books/Edited Books				
a. Research papers in edited books	1	1		2
b. Books		1		1
	International	National	Local	
3. Research papers in conference proceedings	6	4		10
Total	11	9	2	22

**Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	Nos. only (No. Papers)	Nos. only (No. of Papers)
<b>01</b>	<b>12</b>	<b>02</b>

**Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
Nos. only (No. of Lectures)*	Nos. only (No. of Lectures)	Nos. only (No. of Lectures)
		<b>04</b>

**Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
No. only	Dr. Mamata Kane
	Dr. Santosh K Bhal
	Dr. Jesly Araujo

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 recognised and reputed agencies), Date of award
Dr. Radhika Shrikant Nayak	Best State Teacher Award	Directorate of Higher Education, Govt. of Goa
Mrs. Cheryl Venan Dias	Best Paper Award in the Management Track	Research Development Authority, RDA, Jaipur, Rajasthan
Ms. Akruti	Best Paper Award for	Research Development Authority, RDA, Jaipur

Alankar	Finance Track	Rajasthan
Mrs. Namrata Wagle	Best Paper Award for Finance Track	Mumbai University

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

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	7	2	4	13	6	1	3	10
State			2	2				
Inter-University				0	2			2
National			3	3			1	1
International			2	2				
<b>Total</b>	<b>7</b>	<b>2</b>	<b>11</b>	<b>20</b>	<b>8</b>	<b>1</b>	<b>4</b>	<b>13</b>

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

**Nitish Belurkar of FYBCom participated in the Aeroflot Open 2020B Chess Championship organised by Chess Federation of Russia from 19<sup>th</sup> – 27<sup>th</sup> February 2020 in Russia. He achieved the title of International Master at the event**

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
<b>NITISH BELURKAR</b>	Chess <b>3<sup>rd</sup> Place</b>	Asian Junior Chess Championship (Indonesia) from 30 <sup>th</sup> June to 9 <sup>th</sup> July 2019	Asian Chess Federation
• <b>Narayan Narvenkar</b>	Tennis Ball Cricket <b>3<sup>rd</sup> Place.</b>	Indo-Nepal International Inter State Tennis Ball Cricket Championship 30 December 2019 to 1 January 2020 (Nepal)	Nepal Tennis Ball Cricket Association under aegis of Asian Tennis Ball Cricket Federation
<b>SUMAN PATIL</b>	Swimming <b>(Silver medal in 50Mts Butterfly stroke and two Bronze medals in</b>	Khelo India Sports Championship (Assam) from 17 <sup>th</sup> to 22 <sup>nd</sup> January 2020	Sports Authority of India

	100 Mts Butterfly stroke and 50 Mts freestyle.		
<b>PRAVEEN BANDODKAR</b>	Football ( <b>3<sup>rd</sup> Place</b> )	Khelo India Sports Championship (Assam) from 17 <sup>th</sup> to 22 <sup>nd</sup> January 2020	Sports Authority of India
<b>KARISHMA SHIRVOIKAR</b>	Football <b>West Zone Champions</b> the team won <b>Third Place at All India</b>	West Zone Inter Varsity Championship (MP) 16 <sup>th</sup> to 21 <sup>st</sup> December 2019 All India Inter varsity held at Bhubaneshwar January 2020 (WB)	AIU Rani Durgawati Vishwa Vidyalaya (Jabalpur-MP)
<b>Divya Naik and Diksha Amonkar</b>	Cricket <b>West Zone Champions</b>	West Zone Inter varsity Championship from 25 <sup>th</sup> December to 7 <sup>th</sup> January 2020 (MP)	Barkatulla University Bhopal

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

1. Year of Establishment : 1964
2. College Address : Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete – Goa.
3. Principal's Details :

- Name :Dr. Sr. M. Aradhana A.C.
- Contact No.: 0832 2790959
- Email :[acaradhana@yahoo.co.uk](mailto:acaradhana@yahoo.co.uk)

College Website : [www.carmelcollegegoa.org](http://www.carmelcollegegoa.org)

4. The NAAC Accreditation Status : Re-Accredited by NAAC with 'A' Grade (3<sup>rd</sup> Cycle)

5. Courses offered : B.A./B.Sc/B.Com(Under-Graduate)

### POST-GRADUATE (SELF-FINANCED)

M.A. in Psychology

M.Com in Accountancy and Finance Management

M.Sc Food Technology

Sanctioned strength: Under-graduate: 932 students, Post-Graduate: 200

Filled Strength: Under-graduate: 921 students, Post-graduate :114

6. Faculty Strength :Under-graduate : 48 (Full-time Regular Appointments)

7. Achievements of the College :

- The Psychology dept. signed an MOU with Communicare Trust, Dona Paula –Goa on Dec 10
- The Psychology dept. signed an MOU with Bailancho Ekvott in January 2020

8. Sponsored consultancy work sanctioned during the reporting period:

**Dr. Manoj Borkar, “Proposal for development of Wildlife Management Plan for Netravali and Cotigao Wildlife Sanctuary”, Goa Forest Development Corporation, December 2019 –May 2020, Rs. 4.95 Lakhs, 02-12-2019**

9. Conferences/Workshops Organized

State level : 10 National level : 01

12. Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	04	09	4	17
	Foreign Publisher	Indian Publisher	Local Publisher	
I. Books/Edited Books	No.	No.	No.	-
a. Research papers In Edited Books	-	11	-	11
Total	04	20	4	28

13. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India National/International	Within Goa
02	21	09

14. Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
-	02	14

15. Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
Nil	Dr. Daniel Marven Coutinho Doctor of Philosophy in Chemistry Goa University

16. No. of Teachers pursuing Ph.D.: 07

## 17. Awards

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Sr. M. Aradhana A.C.	Best Teacher Award	Directorate of Higher Education
Dr. Subhadra Devi Gadi	Teachers Day award	International Institute of Hotel Management (IIHM). 13 <sup>th</sup> September, 2019
Dr. Manoj R. Borkar	'Certificate of Merit'	Archdiocesan Board of Education, Goa. 1 <sup>st</sup> February, 2020
Dr. Madhavi Z. Naik	Best research poster presentation	DM'S College & Research centre in association with Directorate of Higher Education (DHE) Goa, Feb 15, 2020
Dr. Celia Braganza	Best research oral presentation	Government College, Khandola in association with Directorate of Higher Education (DHE) Goa, Feb 01, 2020

## 18. Sports Achievements

Levels of competition	Individual Event			Team Event			Total
	First Place	Second place	Third Place	First Place	Second place	Third Place	
Inter-Collegiate	1		1		1		3
Inter-University						1	1
Total	1		1		1	1	04

## 19. Any other information(Awards/Honours and Special Achievements):

- A Project done by our NSS students on '**Improving Health Facilities for Verna Police jurisdiction**' under '**Crocs and Cops**' has been awarded the **First Place** among competing colleges in Goa. The two main leaders of the group were Janice Fernandes of SYBCom and Rochelle Braganza of SYBA. The project was coordinated by Mr. Anish Quenim
- Three NSS volunteers were selected by Regional Directorate-NSS, Ministry of Youth Affairs and Sports, Government of India to present at the District Youth Parliament. Ms. Rochelle Braganza and Ms. Poornima Pednekar won the 2nd and 5th place respectively in South Goa at the competition
- Our students have put up a tiatr named "Lok KitemMhontolo" which has been staged 9 times in Ravindra Bhavan, Kala Academy and in number of village halls.  
It is written and directed by our GS Inoshka Moraes and brings out many family values at the same time being entertaining. We are indeed proud of our students.
- Riddhi Verlekar, Karina Pinto do Rosario, Pratiksha Satardekar and Sakshi Palimar Rao of FYB.Sc along with their mentor Dr. Manoj R. Borkar, Head, dept. of Zoology, represented India at the 'International Student's Symposium' organised by the National University of Singapore and won the **second place** for their research paper '**Fragile ecosystem: A case study of the Chicalim Bay**' competing with 13 countries of South east Asia.

### Workshops/Seminars organized by Carmel College of Arts, Science and Commerce for Women.

- The Department of Hindi organised a Workshop on E-Resource in Hindi on **Sept 28**. Dr. Rakesh Sharma, Hindi Officer, NIO, Dona Paula was the Resource Person.
- A State Level Workshop on 'Applications of Blooms Taxonomy in Teaching and Learning' was organized by the History dept on Oct 19. Dr. Nandkumar Sawant- Principal of Parvatibai Chowgule College, along with his college faculties, Dr. Nandini Vaz Fernandes and Mr. Andrew Baretto were the resource persons for the same.
- **'That Sounds Better!'** A Voice, Speech and Public Speaking workshop for age groups between 10-18 years was held at Ravindra Bhavan, Black Box from Oct 28 - Nov 2. For 6 days students from different Schools and Higher Secondaries around Margao, came together to talk, read, act, emote, exploring the magic of their bodies and voices. Speech and Drama Trainer - Ms Roxana Singh and Co-conductor, Goa's ace MC, compere and host Updesh Swar mentored the participants on body language & nonverbal communication, listening & responding, analyzing an audience, answering interviews and hosting an event.
- Recognizing the need to obtain information at the press of a button, the department of Konkani organized a three hour workshop for the students on Konkani Wikipedia on the 1<sup>st</sup> of Feb. 19 students of Konkani across the Semesters participated in the workshop. The resource persons for the same were Fr. Luis Gomes, Assistant Professor of Konkani at St. Xavier's College, Mapusa, and Mr. John Noronha, Teacher at Our Lady of Mercers High School, Mercers.
- The department of Zoology celebrated 'World Wetland Day' on the 3rd of February. Dr. Manoj Borkar delivered a talk on **'Wetlands Conservation: Lessons from Sweden and India'**. He spoke on conservation of wetlands and incentivizing wetlands specially to benefit the local community. On the occasion two competitions were held: 1) postcard painting competition with the theme 'Wetlands' and 2) Slogan competition on the theme- wetland conservation.
- In collaboration with our Commerce department, The Reserve Bank of India conducted a workshop on 11th February 2020 in celebration of the Financial Literacy Week 2020. The theme for the financial literacy week was 'Micro Small and Medium Enterprises'. The workshop was conducted for the MSc Food Technology, M.Com and B.Com final year students. The speakers were the senior Managers of RBI, Panjim. Practical aspects with respect to formalization of MSMEs, granting of collateral free loan, timely repayments, complaints management systems and digital technologies were delivered by the eminent personalities and a series of discussion sessions were conducted.
- The Department of History in collaboration with Goa Chitra organized a one day workshop on Museology on 11th February 2020, for the students of Third Year History. On arrival, the Curator of the Museum Mr Victor Gomes welcomed the students and gave them a gist of the museums.  
The students were first taken to the Chakra Museum where there were different kinds of chakras/ wheels, carts and carriages acquired not only from Goa, but also from places like Gujarat, Rajasthan and Karnataka and later to the pottery section and the Kruti museum.
- On 25th February, A workshop entitled **"Be your Boss, Build your Brand, Employ, Enthuse and Export"** was conducted by the MSc Food Technology department of Carmel College. As the appeal of flexible work hours intertwined with a volatile job market is increasingly drawing youth towards entrepreneurship, this workshop was a platform to connect minds with methods and means to encourage youth to take on the challenge of business with success and satisfaction.
- The Department of Physics organized a workshop on 'ARDUINO' a microcontroller platform for physical computing on the 25th and 26th of February 2020. The team 'ROBOTRACK', headed by Mr. Shawn Pinto conducted the same. He was ably assisted by engineers, Mr. Kiegan and Mr. Prasad as experts. The workshop ended with



display of working models. A voice controlled robot that danced and interacted with participants was the main attraction of the day 2 of the workshop. Display of 3-D printing machine, along with a number of molds, models, toys and articles with amazing designs done by this machine said it all.

- A free workshop on 'Home Wet Waste & Garden Waste Composting' was organized by the Department of Botany for interested students and staff of the College on 2nd March, 2020. The resource person for the workshop, Mr. Eleuterio A. Carneiro, an Art Based Environment Educator gave the 32 participants hands-on-training in handling home wet and garden waste and converting it into valuable compost which could be used to grow plants organically.

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

1. Year of Establishment: 1972
2. College Address: M.E.S. College of Arts & Commerce, Zuarinagar-Goa
3. Principal's Details:  
Name: Dr. Meenakshi Bawa  
Contact No: 0832-2556010  
Email: [mescollege1@gmail.com](mailto:mescollege1@gmail.com), [mescollege1@rediffmail.com](mailto:mescollege1@rediffmail.com), [prin.mes@unigoa.ac.in](mailto:prin.mes@unigoa.ac.in)  
College website: [www.mescollege.org](http://www.mescollege.org)
4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)  
Whether accredited: Accredited by NAAC  
Score and Grade: B Grade with 2.47 CGPA  
Round of Accreditation: 3<sup>rd</sup> Cycle

5. Courses offered, sanctioned and filled strength:

Courses	Sanctioned Strength	Filled Strength
Bachelor of Arts	420	383
Bachelor of Commerce	780	738
Bachelor of Business Administration	120	121
Bachelor of Business Administration in Shipping & Logistics	90	60
Bachelor of Computer Applications	240	123
M.Com.	60	49
Research Centre		
Department of Economics	08	01
Department of Sociology	08	01

6. Faculty strength: 38
7. Conferences/Workshops Organized (Nos only)  
State Level: 02

National Level: **01**  
International Level: **Nil**

**8. Publications**

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	05	01	03	09
	Foreign Publisher	Indian Publisher	Local Publisher	
I. Books/Edited Books	-	-	01	01
a. Research papers In Edited Books	01	-	01	02
b. Books	-	-	01	01
	International	National	Local	
I. Research papers in Conference Proceedings	01	-	01	02
Total	07	01	07	15

**9. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
03	13	10

**10. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
-	04	06

**11. Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
Nil	06

**12. No. of Teachers pursuing Ph.D: 13**

**13. 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. Rekha R. Gaonkar	Best Teacher Award	Directorate of Higher Education, Govt. of Goa, Alto-Porvorim, Goa
Dr. Cosma Fernandes	Tiatr Bhushan Award	First International Tiatr Convention Committee,

**14. 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	04	04	04	12	03	03	--	06
State	04	03	01	08	--	--	--	--
Inter-University	--	--	--	--	01	--	--	01
National	06	--	01	07	01	--	03	04
International	01	--	--	01	--	--	--	--
Total	15	07	06	28	05	03	03	11

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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Shubham Kurane	Aerosquay – Team Event	20 <sup>th</sup> Squay National Championship 2019 20 <sup>th</sup> -22 <sup>nd</sup> August 2019	Sqay Association Himachal Pradesh - SAHP	1 <sup>st</sup> Place
Shubham Kurane	Aerosquay – Individual Event	20 <sup>th</sup> Squay National Championship 2019 20 <sup>th</sup> -22 <sup>nd</sup> August 2019	Sqay Association Himachal Pradesh - SAHP	1 <sup>st</sup> Place
Madhukar Ghogale	Kumite - Senior	4 <sup>th</sup> All India Combat Martial Arts Wado-Ryu Karate Championship 2020 10 <sup>th</sup> November 2019	Combat Martial Arts Association-India & Wado-Ryu Do World Sports Youth Association – India	1 <sup>st</sup> Place
Kashinath Rathod	Football (MEN)	Khelo India Youth Games 2020 10 <sup>th</sup> – 22 <sup>nd</sup> January 2020	Govt. of India, Ministry of Sports and Youth Affairs	3 <sup>rd</sup> Place
Vishal Rathod	Kabaddi (Men)	46 <sup>th</sup> Junior Kabaddi Championship 2020. 13 <sup>th</sup> -17 <sup>th</sup> February 2020	Kabaddi Federation of Haryana	3 <sup>rd</sup> Place

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

- Dr. Cosma Fernandes was awarded a trophy and felicitated by Tiatr Academy Goa for his Contribution in a Commemorative Volume on 'Tiatr' published by 125th Tiatr Celebration Committee, Govt. of Goa

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

1. Year of Establishment: 1973
2. College Address: Shree Damodar Educational Campus, G.R.Kare Road, Tansor, Comba, Margao-Goa
3. Principal's Details:  
 Name: Dr. (Mrs.) Prita D. Mallya  
 Contact No: (0832) 2722500, 2722511  
 Email: principal.sdcc@vvm.edu.in  
 College website: www.damodarcollege.edu.in
4. 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

5. <u>Courses offered,</u> <u>strength:</u>	<u>sanctioned</u>	<u>and filled</u>
1. Bachelor of Commerce (BCOM)	720	664
2. Bachelor of Computer Application (BCA)	240	142
3. Bachelor of Vocation (Software Technologies)	40	11
4. Bachelor of Business Administration-Fin.Serv.(BBA-FS)	240	226
5. Master of Commerce (MCOM)	80	68

<u>Research Centre, If any</u>	<u>Registered for Ph.D</u>
1. Commerce	Nil
2. Economics	Nil
3. Management	03

6. Any new course(s) started: 01. Bachelor of Vocation (Software Technologies)

7. Faculty strength: Principal - 01 and Full Time - 20

8. Achievements of the College: = 3-Star rating from MHRD IIC

9. Conferences/Workshops Organized (No.s only)

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

Details of International Conferences/Workshops organized :

Organized a Webinar jointly with Bharatiya Jain Sanghatna's College, Pune on 11/05/2020.

Theme: "The Economic Impact of COVID 19 Pandemic on India"

No funds were utilized. 505 Delegates participated, out of which 6 participants were from abroad.

10. Publications

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

	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	01	nil	12	13
	Foreign Publisher	Indian Publisher	Local Publisher	0
a. Books	nil	08	nil	08
	International	National	Local	
Total	01	08	12	21

11. **Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	Nos. only (No. Papers)	Nos. only (No. of Papers)
00	04	03

12. **Invited Lectures given by the faculty. Nil**

Abroad	Within India	Within Goa
Nos. only (No. of Lectures)*	Nos. only (No. of Lectures)	Nos. only (No. of Lectures)
00	01	00

13. **Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
Nil	Name, Subject, University which awarded Degree
	1. Dr. Mamta Kumari - Mathematics - Goa University 2. Dr. Prachi Kolamkar - Commerce - Goa University

14. **No. of Teachers pursuing Ph.D: 06**

15. **Sports Achievements of Students:**

Level of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	--	05	06	11	04	01	05	10
State	01	01	--	02	--	--	--	--
National	01	03	--	04	--	--	--	--
Total	02	09	06	17	04	01	05	10

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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Ravi Das	LOBA Senior & Individual in -66kg weight category	20 <sup>th</sup> Sqay National Championship 2019 on 20 <sup>th</sup> to 22 <sup>nd</sup> August 2019.	Sqay Association Himachal Pradesh (SAHP) under the age of Sqay Federation of India - SFI	1 <sup>st</sup>
Ravi Das	AEROSQAY Senior team in Group ASI	20 <sup>th</sup> Sqay National Championship 2019 on 20 <sup>th</sup> to 22 <sup>nd</sup> August 2019.	Sqay Association Himachal Pradesh (SAHP) under the age of Sqay Federation of India - SFI	2 <sup>nd</sup>
Bhogesh Molagavalli	KATO in above 18yrs(M) Brown & Black Category	SKDG National All Styles Open Karate Championship 2019 on 24 <sup>th</sup> & 25 <sup>th</sup> August 2019.	Shotokan Karate Do Goa	2 <sup>nd</sup>
Bhogesh Molagavalli	Kumite in above 18 yrs(B) GPB category	SKDG National All Styles Open Karate Championship 2019 on 24 <sup>th</sup> & 25 <sup>th</sup> August 2019.	Shotokan Karate Do Goa	2 <sup>nd</sup>

## 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](http://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)

<b>Publications</b>	<b>Cat-I</b>	<b>Cat-II</b>	<b>Cat-III</b>	
	<b>Scopus, Web of Science, ICI indexed journals</b>	<b>UGC Recognized</b>	<b>ISSN</b>	<b>Total</b>
I. 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:**

<b>Levels of Competition</b>	<b>Individual Event</b>				<b>Team Event</b>			
	<b>First Place</b>	<b>Second Place</b>	<b>Third Place</b>	<b>Total</b>	<b>First Place</b>	<b>Second Place</b>	<b>Third Place</b>	<b>Total</b>
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 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Anar Singbal	Badminton	West Zone Badminton @Chattisgarh from 7 <sup>th</sup> to 11 <sup>th</sup> October 2018	State Association	2 <sup>nd</sup> / 3 <sup>rd</sup>
Nikita Gaude	Softball	Nationals @Goa 16 <sup>th</sup> to 18 <sup>th</sup> Nov.18	Softball Association	3 <sup>rd</sup>
Sahil Naik	Due Ball	Junior National @ Udaipur from 12 <sup>th</sup> to 14 <sup>th</sup> October 2018	Due Ball Association	3 <sup>rd</sup>

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

1. Year of Establishment: 1986

2. College Address: Farmagudi, Ponda Goa

3. Principal's Details:

Name: Dr. Vikas J. Pissurlekar

Contact No: 8329464616

Email: pessrsncol@gmail.com

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

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

Reaccredited by NAAC with B Grade and a CGPA of 2.77

5. Courses offered, sanctioned and filled strength:

Course		Sanctioned Strength	Filled strength
B.A	F.Y.B.A	198	196
	S.Y.B.A	198	184
	T.Y.B.A	198	133



B.Sc	F.Y.B.Sc	240	224
	S.Y.B.Sc	240	219
	T.Y.B.Sc	240	209
M.Sc. (Org. Chemistry)	PART I	31	31
	PART II	30	30
M.Sc. (Microbiology)	PART I	30	20
	PART II	30	NIL

**6. Faculty strength:**

Regular: 61

Contract Basis: 23

**7. Sponsored Research Projects only sanctioned/ Completed during June 2019 and May 2020.(Include only research projects of minimum Rs one lakh)**

Sr.No .	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
1.	Dr. Pritam Borkar Dr. Rasika Desai gaonkar	Fabrication of Photo catalyst for Environmental applications under natural sunlight	February 2020/ 2 years	DSTE Goa	5 Lakhs	Sanctioned
2.	Dr. Sunita Borkar and Dr. Neha Prabhu	‘Efficiency of haloalkaliphilic phosphate solubilizing bacterium as bioinoculant for growth of <i>Oryza sativa</i> L. in salt affected coastal saline soils’	2 years	DST, Goa	5,00,000/-	Sanctioned

**Conferences/Workshops Organized (Nos. only)**

State Level: 1

National Level: 2

**8. Publications**

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

	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
II. Research papers in Journals	9		1	10
	Foreign Publisher	Indian Publisher	Local Publisher	
III. Books/Edited Books	1	No.	No.	1
(a) Research papers In Edited Books	3	Nos. only	Nos. only	3
(b) Books	Nos. only	Nos. only	1	1
<b>Total</b>	<b>13</b>		<b>2</b>	<b>15</b>

**9. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	9	16

**10. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
<p>1 . Dr. RanjitaSawaiker- Delivered a Plenary Lecture on <b>Conservation of Biodiversity through Scientifically Validated and well Participated People's Biodiversity Registers (PBRs) in Goa</b> during international conference “<b>Advances and Scientific Merits in Biodiversity and Ecology</b>” at <b>University of Queensland, Brisbane, Australia</b> held from December 12-14, 2019.</p> <p><b>Funding Agency- DST Goa</b></p>	1	Nos. only (No. of Lectures)

**11. Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
No. only	Dr. Bhargav K. Alavani, Physics, Goa University

**12. No. of Teachers pursuing Ph.D: 3**

**13. Awards**

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only
----------------------------	--------------------	--

		<b>recognised and reputed agencies), Date of award</b>
Dr. Vikas J. Pissurlekar, Principal	State Teacher Award	Directorate of Higher Education, Govt. of Goa, Porvorim- Goa

**14. Sports Achievements of Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Inter-University	-	-	-	-	-	-	-	-
National	-	-	-	-	-	-	-	-
International	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

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

- Year of Establishment : 1987
- College Address : C.E.S. College of Arts & Commerce Cuncolim, SalceteGoa 403 703.
- Principal's Details  
 Name : Dr. Sanjay P. Sawant Dessai  
 Contact No. : 2865210/9765569757  
 Email : office@cescollege.ac.in  
 College Website: [www.cescollege.ac.in](http://www.cescollege.ac.in)
- The NAAC accreditation Status (whether accredited, score and Grade, accreditation round) : Accredited 2<sup>nd</sup> Cycle with CGPA of 2.33 on seven point scale at B grade
- Course offered & Sanctioned and Students filled strength :  
 B. A. sanctioned 360, filled 351  
 B.COM.sanctioned 360, filled 200 Students  
 Research Centre, if any : Yes  
 No of candidate, subject wise, Registered for Ph.D under the Research Center :  
 05 (Commerce), 01 (Geography)

6. Faculty strength:  
Full Time/Regular Appointments :22 Full Time , 03 Contract Basis

7. Achievements of the College: Research Centre (cluster) in Commerce, geography & Economics  
Received CSR from ONGC Rs.6.5 Lack

8. Conferences/workshops organized (No.s only)  
National Level : 01

9. Publication:

Publications	Cat - I	Cat- II	Cat -III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I Research papers in journals	01	06	02	09
Total	01	06	02	09

10. Invited Lectures given by the faculty

Abroad	Within India	Within Goa
Nos. only (No. of Lectures)*	Nos. only (No. of Lectures)	Nos. only (No. of Lectures)
---	05	09

11. No. of Teachers pursuing Ph. D: 03

12. Sports Achievements: (Note: Specify only number)

Levels of Competition				Individual Event	Team event			Total
	First Place	Second Place	Total	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	---	---	---	---	01	03	---	04
State	---	---		---	---	01	---	01
Total	---	---	---	--	01	04	---	05

## 5.12 Government College of Arts, Science and Commerce, Sanquelim

1. Year of Establishment: **1988**
2. College Address: **Govt. College of Arts Science and Commerce,  
Sanquelim, Sankhali Goa.**
3. Principal's Details:  
Name: **Prof. Gervasio S.F.L. Mendes (Principal)**  
Contact No: Ph. No. **(0832) 2364271**  
Email: [gcascs@gmail.com](mailto:gcascs@gmail.com)  
College website: [www.gcascs.ac.in](http://www.gcascs.ac.in)

4. The NAAC accreditation Status:

Score	Grade	Accreditation round	Period
2 <sup>nd</sup>	A (3.17)	2017	12/09/2017 to 11/09/2022

5. Courses offered, sanctioned and filled strength:

Sr. No	Faculty	Class	Subject/papers offered	Strength (total)
1.	Arts (Bachelor of Arts)	F.Y.B.A. (4 Divisions)	Hindi, Marathi, Konkani, Economics, Geography, History, Political Science, English	243
		S.Y.B.A. (3 Divisions)	- do -	274
		T.Y.B.A. (1 Division) In each subject	Six Units in Economics & Hindi or Three Units in any of the following combinations: i. Hindi – Marathi ii. Konkani - Marathi iii. History – Marathi iv. Political Sci. - Economics v. History – English vi. History – Geography vii English – Geography viii. Geography - Konkani ix. History – Hindi x. History – Political Science xi. Political Science – English xii. Konkani – Geography xiii. Marathi – Geography xiv. Hindi – English xv. Hindi – Economics xvi. Political Science – Konkani xvii. Economics – English xviii. Konkani – Hindi	106
2.	Science (Bachelor of Science)	F.Y.B.Sc. (2 Division)	Major Subjects: Computer Science, Physics, Mathematics, Chemistry, Zoology, Geology, Botany	180

		S.Y.B.Sc. (2 Division)	Same as above	174
		T.Y.B.Sc. (1 Division)	Six Units in i. Chemistry ii. Computer Science iii. Physics iv. Zoology v. Mathematics	104
3.	Commerce (Bachelor of Commerce)	F.Y.B.Com. (3 Divisions)	- Accounting OR - Cost Accounting OR - Marketing - besides other compulsory papers	154
		S.Y.B.Com. (1 Divisions)	- Financial Accounting OR - Cost Accounting OR - Business Management - besides other compulsory papers	138
		T.Y.B.Com. (1 Division)	- Financial Accounting OR - Cost Accounting OR - Business Management - besides other compulsory papers	22
4.		M.A. Hindi (Part-I)		17
5.		M.A. Hindi (Part-II)		13
6.		M.A. Economics (Part-I)		13
7.		M.A. Economics (Part-II)		17
8.		M.Sc. Maths (Part-I)		25
9.		M.Sc. Maths (Part-II)		22
10		Ph.D. Research Centre	Economics	10

6. Any new course(s) started: Cluster Research Centre in Economics.

7. Faculty strength: 44

8. Achievements of the College:

- (i) College Library was ranked 7<sup>th</sup> All India in NLIST online Electronic Service organized by Inlibnet, Gujarat, MHRD, India.
- (ii) The college has been recognised by Goa University as Cluster Research Centre in Economics.
- (iii) The College figured among the top 151 to 200 Colleges in India as per the National Institutional Ranking Framework (NIRF) of Ministry of Human Resource Development, Government of India 2018-2019 Ranking Survey.
- (iv) Conducted varied youth centered programs with the paired College in Jharkhand State under Ek Bharat Shreshth Bharat Abhiyaan.
- (v) The Smart Classrooms and Virtual Class Studio were set up for the benefit of the students funded by RUSA and by the Directorate of Higher Education, Government of Goa.

09. Conferences/Workshops Organized :

State Level: 14      National Level: 03      International Level: 5

Details of International Conferences/Workshop organized:

**International Level Seminars/Conferences/Webinars organised**

I) 09-11/12/2019 : Three-day **10<sup>th</sup> International Conference** on 'Technology for Education (T4E) 2019' jointly organised by Internal Quality Assurance Cell, Government College of Arts, Science & Commerce, Sanquelim, Goa University, Taleigao and IEEE in collaboration with Directorate of Higher Education, Government of Goa at Goa University.

Amount sanctioned : Directorate of Higher Education, Government of Goa – Rs. 6,00,000/-

IIT Bombay 5,00,000/-

NPTEL 5,00,000/-

Spoken Tutorial – Rs. 2,50,000/-

FOSSEE – Rs. 2,50,000/-

Number of participants : 210 (International Participants 15)

II) 29-30/01/2020 : Two-day **International Seminar** on 'Vaishavik Star Par Hindi Ki Swikriti Evam Vyapti' organised by the Post Graduate and Under Graduate Department of Hindi, Government College of Arts, Science and Commerce, Sanquelim in collaboration with Directorate of Higher Education, Government of Goa at the Multipurpose Hall, Directorate of Art and Culture, Panaji, Goa.

Amount sanctioned : Directorate of Higher Education, Government of Goa : Rs. 10,00,000/-

Number of participants : 104 (International Participants : 15)

III) 27-29/02/2020 : Three-day Scientific **International Conference** on 'Physical Education and Allied Sciences' jointly organised by Department of Sports, Government College of Arts, Science & Commerce, Sanquelim, Goa and DCT's Dempo College of Commerce and Economics, Cujira, Bambolim in collaboration with Directorate of Higher Education, Government of Goa at DCT's Dempo College of Commerce and Economics, Cujira, Bambolim, Goa. There were total 22 speakers for this event out of which 10 were International and 12 National speakers.

The amount sanctioned was Rs. 10, 0000/- (Ten lakhs) by directorate of Higher Education.

IV) 27-28/07/2020 : Two Day **International Webinar** on 'TulasiSahitya : VaishvikManavMoolya' organised by Post Graduate and Under Graduate Department of Hindi, Government College of Arts, Science & Commerce, Sanquelim, Goa and National Hindi Magazine 'Anbhai'.

Number of participants : 307 (International Participants - 34)

V) 31/07-01/08/2020 : Two Day **International Webinar** on 'VaishvikParidrishya : PremachandSahitya' organised by Post Graduate and Under Graduate Department of Hindi, Government College of Arts, Science & Commerce, Sanquelim, Goa and National Hindi Magazine 'Anbhai'.

Number of participants : 411 (46)

## 12. Publications:

<b>Publications*</b>	<b>Cat-I</b>	<b>Cat-II</b>	<b>Cat-III</b>	
	<b>Scopus, Web of Science, ICI indexed journals</b>	<b>UGC Reconnized</b>	<b>ISSN</b>	<b>Total</b>
Research papers in journals	5	-	-	05
	<b>Foreign Publisher</b>	<b>Indian Publisher</b>	<b>Local Publisher</b>	
II. Books/Edited Books	-	1	-	01
	<b>International</b>	<b>National</b>	<b>Local</b>	
Total	05	01	-	06

## 13. Papers presented-in Conferences/Seminars /Workshops:

Abroad	Within India	Within Goa
4	2	8

## 14. Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
--------	--------------	------------



01		01
----	--	----

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

M. Phil.	Ph.D.
	<b>Mr. Mukund Narvenkar, Political Science, Goa University.</b>

16. No. of Teachers pursuing Ph.D.: **01**

17. Awards/Honours:

Name of the faculty member	Title of the Awards/Honours	Name of the Agency/ Institution sponsoring the award
<b>Prof. Gervasio S. F. L. Mendes, Principal</b>	Special Recognition for his contribution in the SVEEP Activities	Office of the CEO Goa
<b>Dr. Vanita Patil</b>	Govt. of India Rajya Raksha Mantri Commendation Card	Govt. of India, NCC

20. Any other Special Achievements of faculty and students:

1. Three faculty members namely Prof. Gervasio S. F. L. Mendes, Prof. Seema Rath and Prof. Soniya R. Sirsat are elevated/promoted as Professors.

2. The College conducted the study/survey on 'Economic Revival Plan for the Local Bodies in the State of Goa' on behalf of Directorate of Higher Education and Goa Institute of Public Administration And Rural Development, Government of Goa. The study covered all the 12 Villages Panchayats in Sattari Taluka.

### 5.13 Goa College of Home Science, Campal, Panaji.

1. Year of Establishment: 1988
2. College Address: Goa College of Home Science  
Opp. Parade Ground, Campal, Panaji- Goa
3. Principal's Details:
 

Name	:	Dr. Mahesh Pai, Principal
Contact No	:	2227603, 2425254
Email	:	principalgchs@rediffmail.com

College website: [www.goahomescience.gov.in](http://www.goahomescience.gov.in)

4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)–NIL

5. Courses offered:

- Food, Nutrition & Dietetics
- Textiles & Clothing
- Human Development

Sanctioned : 60

Filled strength: 60

6. Faculty strength: 8

7. Achievements of the College: Only institutional achievements should be mentioned.

**INSTITUTIONAL ACHIEVEMENTS DURING THE ACADEMIC YEAR 2019-2020**  
**STATE LEVEL WORKSHOPS ORGANIZED**

- Five days Training Programme titled Eco Eureka Training (Batch 2) for college students in Goa from 5<sup>th</sup> to 9<sup>th</sup> August 2019, in collaboration with TERI, Goa and supported by National Council for Science & Technology Communication, DST, New Delhi.
- One day State level workshop titled “Nutrition and Health” in collaboration with Community Food and Nutrition Extension Unit of Food Nutrition Board, held at the Directorate of Agriculture, Tonca, Miramar.
- Two days training programme on “Health and Nutrition - Step towards achieving Sustainable Development Goals”, in collaboration with Goa Institute of Public Administration and Rural Development (GIPARD), for the Community Resource Persons (CRPs) of North Goa on 21<sup>st</sup> and 22<sup>nd</sup> November 2019.

**NATIONAL LEVEL WORKSHOP AND SEMINAR ORGANIZED**

- The Goa College of Home Science, in association with the Rotary Club of Panaji Riviera, organized the fourth edition of the National Workshop Series (NWS) in the form of a Two-day Workshop on “Ethical Hacking” on 6<sup>th</sup> and 7<sup>th</sup> February 2020 at the college premises.
- The Goa College of Home Science, in partnership with the Directorate of Higher Education and The National Bank for Agriculture and Rural Development (NABARD), organized a 2-day National Seminar titled, “Combating Malnutrition through Dietary Diversification: Strategies and Challenges” on the 13<sup>th</sup> and 14<sup>th</sup> of March, 2020 at the College premises.

**COLLABORATIVE PROJECTS**

## **NESTLE HEALTHY KIDS PROGRAMME**

Our college has **collaborated 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 29 schools across Goa were covered under the program and the program reached out to a total of 5268 students this year.

At the NHKP Decadal Celebrations held by Nestle India Limited on the 1st of October 2019 the Goa College of Home Science was felicitated at a special function held at the Punjab Agriculture University at Ludhiana.

## **IGNOU STUDY CENTRE 08032P AT GOA COLLEGE OF HOME SCIENCE**

The IGNOU offers both short-term and long term programmes leading to Certificates, Diplomas, Advance Diplomas and Degrees. The Goa College of Home Science is a study centre (08032 P) of IGNOU from the academic year 2016-17 for the following degree and diploma courses:

1. Master of Science in Dietetics and Food Service Management (MSc DFSM),
2. Diploma in Nutrition & Health Education (DNHE)
3. Certificate in Food and Nutrition (CFN)
4. Certificate in Nutrition and Child Care (CNCC)
5. Diploma in Early Childhood Education (DECE)
6. Post Graduate Diploma in Counselling and Family Therapy (PGDCFT).

Teaching faculties from the department of Foods, Nutrition & Dietetics, and Human Development from GCHS and faculties from Hotel Management Institutes, Nursing School and other colleges in Panjim serve as Academic Counsellors. In July 2019, 23 students had enrolled for M.Sc. DFSM, 23 for DNHE, 6 for CFN, 4 for CNCC, and 17 for DECE. In January 2020, 6 students enrolled for DNHE, 4 for CFN, 1 for CNCC and 1 for DECE.

## **RESEARCH OUTCOME “K(NO)W COVID-19”**

The Human Development Specialization conducted a brief survey among Goans during the COVID lockdown period in April. The research survey indicated a few knowledge gaps and myths that were prevalent as well as revealed some areas in which queries and doubts existed.

The outcome of the research was compiled into a 17 page booklet titled “K(NO)W COVID-19”, which is a sincere attempt to clarify the doubts that existed in the minds of people. The booklet was released online via social networking platforms in PDF format on 27th May 2020. The research findings received wide publicity in the local newspapers too.

**8. Conferences/Workshops Organized (Nos only)**

State Level: **3** National Level: **2**

**9. Publications**

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	-	-	<b>1</b>	<b>1</b>
Total				<b>1</b>

**10. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
-	-	<b>3</b>

**11. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
-	-	<b>9</b>

**12. No. of Teachers pursuing Ph.D: 02**

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

The Goa College of Home Science is awaiting TYBSc results, as on date

**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	UGC Recognized	ISSN	

	<b>indexed journals</b>			
I. Research papers in journals	<b>03</b>	<b>17</b>	<b>01</b>	<b>21</b>
(a) Books	<b>Nil</b>	<b>Nil</b>	<b>03</b>	<b>03</b>
	<b>International</b>	<b>National</b>	<b>Local</b>	
II. Research papers in Conference Proceedings	<b>01</b>	<b>Nil</b>	<b>Nil</b>	<b>01</b>
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**

<b>Name of the faculty member</b>	<b>Title of the Award</b>	<b>Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award</b>
Dr. Purnakala Samant	Best Paper Award (Oral) at the international conference on modern trends in chemical sciences.	27 <sup>th</sup> to 29 <sup>th</sup> December, 2018 at SRM Chennai.
Dr. Prakash Vazrikar	1 <sup>st</sup> 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:**

<b>Level of Competition</b>	<b>Individual Event</b>				<b>Team Event</b>			
	<b>First Place</b>	<b>Second Place</b>	<b>Third place</b>	<b>Total</b>	<b>First Place</b>	<b>Second Place</b>	<b>Third place</b>	<b>Total</b>
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

1. Year of Establishment: 1990
2. College Address: Buticas, Navelim, Salcete-Goa
3. Principal's Details:  
Name: Assoc. Prof. Helic Barretto  
Contact No: 942238769  
Email: [principal@rosarycollege.org](mailto:principal@rosarycollege.org)  
College website: [www.rosarycollege.org](http://www.rosarycollege.org)
4. The NAAC accreditation Status: Re-accredited with Grade A, CGPA 3.29 on 4 point scale
5. Courses offered, sanctioned and filled strength:

Name of the Programme	Sanctioned Strength	Number of applications received	Filled Strength
B.A (F.Y)	120+10%	313	134
B.Com (F.Y)	300	359	306
BCA (F.Y)	80+10%	79	63
BBA(F.Y)	40+10%	103	48
BBA-T&T(F.Y)	40+10%	118	47
M.Com(Part I)	40	28	22
* The additional students in the filled strength column are International and NRI students			

Research Centre, If any : Commerce

No. of Candidates, subject wise, Registered for Ph.D under the Research Center : 05

6. Faculty strength: 87
7. Achievements of the College: Only institutional achievements should be mentioned.
  - i. India Today Ranking 2019-20 Rosary College was ranked 86<sup>th</sup> in Arts and 74<sup>th</sup> in Commerce and BCA
  - ii. Red Ribbon Club of Rosary College of Commerce and Arts was awarded the Best Red Ribbon Club by National Aids Control Organization - Ministry of Health and Family Welfare - Govt. of India
  - iii. Goa University Overall Sports Championship (Boys) for the year 2019-20
  - iv. Administrative and Academic Audit was undertaken in collaboration with Xavier Board of Higher Education
  - v. Certificate of Achievement in Higher Education Review for Top 10 Arts and Commerce Colleges - 2019
8. Conferences/Workshops Organized (No.s only)  
State Level: 05      National Level: 03

### 9. Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	Foreign Publisher	Indian Publisher	Local Publisher	
	04	05	02	11
II. Books/Edited Books	Nil	01	NIL	01
a. Research papers In Edited Books	Nil	Nil	01	01
	International	National	Local	
I. Research papers in Conference Proceedings	04	11	Nil	15
Total	08	17	3	28

### 10. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
Nil	15	0

### 11. Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
NIL	NIL	01

12. No. of Teachers pursuing Ph.D: 18

### 13. 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
Elvira Pereira (Convener - Red Ribbon Club)	Best Red Ribbon Club in Goa	National Aids Control Organization (Ministry of Health and Family Welfare, Govt. of India)

### 14. 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
Intercollegiate	18	17	18	53	8	3	3	14
State	1	-	-	1	-	-	-	-
National	1	-	-	1	-	-	-	-
Total	20	17	18	55	8	3	3	14



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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Pearl Jemma Rodrigues	Judo 78 Kgs - heavy weight girls	Kelo India University Games - Judo 22nd Feb to 1st May 2020	Kelo India University Games - Odisha 2020	-

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

- Asst.Prof Charlotte Fernandes attended International Union for Socialist Youth organized by Feminist working group meeting for Young activists of IUSY member from 27-30<sup>th</sup> June 2019, at Salvador Allende Haus in Germany to reflect on the theme: “Gender mainstreaming in youth organizations”.
- Asst.Prof Charlotte Fernandes attended **Australian Labour International Progressive Insight Course** from 25<sup>th</sup> to 29<sup>th</sup> November 2019 at Canberra organised by Australia Labor International .
- Asst. Professor Neshca Da Costa attended a **Asia Pacific Campaign Forum** on 4<sup>th</sup> and 5<sup>th</sup> June 2019 and **Womens Candidate Training** on 6<sup>th</sup> and 7<sup>th</sup> June 2019 held at Cairns in Australia organised by Australia Labor International.
- Rev.Dr.Simao R. Diniz was appointed as the member of the NAAC Peer Team

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

- 1. Year of Establishment:** 1991- B.COM.  
2000 – BBA  
2009 - BCA
- 2. College Address** S.V’s Sridora Caculo College of Commerce & Management Studies, Telang Nagar, Khorlim, Mapusa - Goa.
- 3. Principal’s Details:**  
**Name:** Dr. Santosh B. Patkar  
**Contact No:** 9421157379/ (0832)2250042.  
**Email:** patkar\_santosh@rediffmail

College website: [www.caculocollege.in](http://www.caculocollege.in) / [www.saraswatbba.com](http://www.saraswatbba.com)

4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Yes, 2.47 with B Grade, 1<sup>st</sup> Cycle

5. Courses offered, sanctioned and filled strength:

Class	Div	Strength
F.Y.B.COM.	A	68
	B	56
	C	53
	D	69
S.Y.B.COM	A	46
	B	60
	C	55
	D	63
T.Y.B.COM.	A	55
	B	53
	C	33

**Bachelor of Business Administration (BBA)**

Class	Strength
F.Y.B.B.A.	57
S.Y.B.B.A.	52
T.Y.B.B.A.	50

**Bachelor of Computer Application (BCA)**

Class	Strength
F.Y.B.C.A.	26
S.Y.B.C.A.	32
T.Y.B.C.A.	25

6. Faculty strength: 31

7. Achievements of the College: Only institutional achievements should be mentioned.

8. Conferences/Workshops Organized (No.s only)

State Level: 1  
National Level: 1

**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	4	1	6
	Foreign Publisher	Indian	Local	

		<b>Publisher</b>	<b>Publisher</b>	
Books/Edited Books				
a. Research papers In Edited Books				
b. Books	-	-	-	-
	<b>International</b>	<b>National</b>	<b>Local</b>	
Research papers in Conference Proceedings	<b>1</b>	<b>1</b>	-	<b>2</b>
Total	2	5	1	8

**9. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
	3	8

**10. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
-	1	12

**11. Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
NIL	Name, Subject, University which awarded degree Dr. Harsha S. Talaulikar, Management, Goa University

**12. No. of Teachers pursuing Ph.D: 9**

**13. 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. Jayesh J. Churi	Best Teacher Award	Lions Club Mapusa, 5/09/2019

**14. Sports Achievementsof Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	1	2	5	8	-	-	1	1
Total	1	2	5	8	-	-	1	1

### 5.17 Fr. Agnel College of Arts and Commerce, Pilar

1. Year of Establishment: 1991
2. College Address: Fr. Agnel College of Arts & Commerce, Pilar-Goa
3. Principal's Details:  
Name: Prof. Savio P. Falleiro  
Contact No: 9422060384  
Email (Official): [principal@fragnelcollege.edu.in](mailto:principal@fragnelcollege.edu.in)  
Email (Personal): saviofalleiro@gmail.com  
College website: [www.fragnelcollege.edu.in](http://www.fragnelcollege.edu.in)
4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round) Yes

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

5. Courses offered, sanctioned and filled strength:

Courses Offered	Sanctioned (First Year Level)	Filled Strength (First Year Level)
Bachelor in Commerce	180	194
Bachelor in Arts	120	135
Bachelor in Computer Applications	40	37

Research Centre, If any: Commerce and Economics (under cluster option)  
No. of Candidates, subject wise, Registered for Ph.D under the Research Center  
Commerce: 06  
Economics: 04

6. Any new course(s) started:
7. Faculty strength: 35
8. Achievements of the College: Only institutional achievements should be mentioned.
  1. College figured among top 150 College in Arts & Commerce as per *India Today* 2019 Rankings.
  2. 04 MOUs signed with national level institutions.
  3. In-house Peer Reviewed ISSN numbered online research journal.
  4. 30 hours certificate programmes organized (14 programmes)
  5. Conduct of Green Audit and establishing the campus as a Green centre with various initiatives/installations related to Energy & Conservation, Waste Management and Water Conservation.
  6. Formulation of IT, Consultancy, and Research & Publication Policies

9. **Conferences/Workshops Organized (No's only)**  
 State Level:08      National Level: 04      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 Tourism, Entrepreneurship and Management	Registration and Sponsors	-	27 <sup>th</sup> – 29 <sup>th</sup> November 2019	21

**1. Publications**

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
i. Research papers in Journals	---	---	09	09
	Foreign Publisher	Indian Publisher	Local Publisher	
a. Research papers In Edited Books	---	---	04	---
b. Books	---	---	03 *	
	International	National	Local	
i. Research papers in Conference Proceedings	---	---	01	
Total	---	---	---	

**2. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
---	02	11

**3. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
---	---	09

**4. No. of Teachers pursuing Ph.D: 06**

**5. Sports Achievements of Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total

<b>Inter-collegiate</b>	04	03	01	08		01		<b>01</b>
<b>State</b>	03	02	01	06			Football Men Reliance	<b>01</b>
<b>Inter-University</b>		01		01		01		<b>01</b>
<b>Total</b>	07	06	02	15				03

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

<b>Name of the student/captain of the team</b>	<b>Name of the event in which participated (sports/games)</b>	<b>Name of the Tournament/sports event with date</b>	<b>Name of the organizer</b>	<b>Place won 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup></b>
Mr. Teddy Davecelia Cardozo	Marathon (Mens)	Marathon held on 01/12/2019	Galaxy Entertainment Macao International Marathon	5 <sup>th</sup> Place

## 5.18 Government College of Arts and Commerce, Pernem

**Year of Establishment: 1993**

2. **College Address:** Sant Sohrobanath Ambiyé, Government College of Arts & Commerce, Virnoda, Parnem Goa 403 512

3. **Principal's Details:**

**Name:** Prof. Filipe Rodrigues e Melo

**Contact No.:** 9422061226

**Email:** gcacpg@yahoo.co.in

**College website:** www.govtcollegepernem.org

4. **The NAAC accreditation status (whether accredited score and grade accreditation round):** 'B' Grade, CGPA 2.74/4.00

5. **Courses offered, sanctioned and filled strength:**

	COURSE OFFERED			
	BA(FYBA)	BCOM(FYBCOM)	MCOM(Part-I)	MA(Part I)
<b>Sanctioned</b>	120	120	30	30
<b>Filled Strength</b>	110	101	30	10

**Research Centre, If any** Yes, , Research Centre (Commerce)  
S.S.A.Govt. College of Arts & Commerce, Virnoda, Pernem – Goa.

**No. of Candidates, subject wise, Registered for Ph. D under the research center 17, Research Centre (Commerce)**

6. **Any new course(s) started:** MA (Marathi) and IGNOU Courses

7. **Faculty strength:** 34

8. **Conferences/Workshops Organised:** 03

**National Level:** 01

**International Level (Only if there is participation of at least 10% of Scholars from abroad).** 01

**Details of International Conference/Workshops organized:**

a) 18th International Entrepreneurship Forum (IEF) Conference on Entrepreneurship as a Social Movement: Art, Technology, Design and Sustainable Entrepreneurial Transformation.

9. **Publications:**

<b>Publications</b>	<b>Cat-I</b>	<b>Cat-II</b>	<b>Cat-III</b>	
	<b>Scopus, Web of Science, ICI indexed journals</b>	<b>UGC Recognised</b>	<b>ISSN</b>	<b>Total</b>
<b>I. Research papers in Journals</b>	2	6	1	<b>9</b>
	<b>Foreign Publisher</b>	<b>Indian Publisher</b>	<b>Local Publisher</b>	<b>Total</b>
<b>II. Books/ Edited Books</b>	0	1	1	<b>2</b>
<b>(b) Books</b>	-	-	1	<b>1</b>
	<b>International</b>	<b>Indian</b>	<b>Local</b>	<b>Total</b>
<b>III. Research papers in Conference Proceedings</b>	-	-	3	<b>3</b>
<b>Total</b>	<b>2</b>	<b>7</b>	<b>6</b>	<b>15</b>

10. **Paper presented in Conferences/ Seminars /Workshops:**

Abroad	Within India	Within Goa
-	03	07

**11. Invited Lectures given by the faculty:**

Abroad	Within India	Within Goa
-	-	06

**12. Teachers who obtained research degree during the year:**

M. Phil	Ph. D
--	01

**13. No. of Teachers pursuing Ph. D: 08**

**14. 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
Lt. Sam Braganza	Best Research Paper	Kisan Vidhya Prasarak Sanstha's Shirpur Dist Dhule , Maharashtra

**15. Sports Achievement 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	2	-	2	4	-	2	3	5
State	-	-	-	-	1	-	1	2
National	-	-	-	-	-	-	1	1
Total	2	-	2	4	1	2	5	8

**16. Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and international level only:**

Name of the student/captain of 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 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
Ms. Arpita Savant	Sepaktakraw	23 <sup>rd</sup> Junior Sepaktakraw National	Telangana Sepaktakraw Association	3



		Championship		
--	--	--------------	--	--

### 5.19 Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts & Commerce, Canacona

1. Year of Establishment : 1993
2. College Address : Delem-Canacona, Goa 403702
3. Principal's Details:  
 Name : Dr. Manoj S. Kamat  
 Contact No : 9422415010  
 Email : shreemallikarjuncollege@gmail.com  
 College website : [www.shreemallikarjuncollege.ac.in](http://www.shreemallikarjuncollege.ac.in)
4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round) Yes , 2.81, and 'B', 2014-2020
5. Courses offered, sanctioned and filled strength:

Course offered	Sanctioned	Filled strength
BA	360	288
B.Com	180	121
B.Sc.	160	094

#### Research Centre, If any

Cluster Research Centre in Geography, Government College, Khandola

Cluster Research Centre in Commerce, Government College, Pernem

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

**2 candidates in Geography**

6. Faculty strength : 35
7. Achievements of the College: Only institutional achievements should be mentioned.

- As per India Today Ranking 2019, College received 115<sup>th</sup> Rank in Humanities and Social Sciences (6<sup>th</sup> among Colleges in Goa) and 144<sup>th</sup> in Accounting & Commerce (7<sup>th</sup> among Colleges in Goa) in India.
- According to EW Ranking-2019, College is ranked 37<sup>th</sup> all over India and 6<sup>th</sup> among Colleges in Goa.
- Started Research Center under Cluster Research Programme in the Departments of Commerce & Geography
- Department of Geography signed MoU with South Asian Institute for Advanced Research & Development (SAIARD)

#### 9. Conferences/Workshops Organized (No.s only)

State Level: 03

10. Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
i. Research papers in Journals	01	11	01	13
	Foreign Publisher	Indian Publisher	Local Publisher	
ii. Books/Edited Books	No.	No.	No.	
a. Research papers In Edited Books	Nos. only	Nos. only	02	02
	International	National 08	Local	08
Total				

11. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	Nos. only (No. Papers)	Nos. only (No. of Papers)
01	14	07

12. Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
	27	31

13. Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
No. only	Name, Subject, University which awarded Degree

14. No. of Teachers pursuing Ph.D: 02

15. 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
Ms. Domitel D'Souza	Best Paper Presentation Award at (Online International Conference)	SPDM Arts SBB & SHD Commerce, & SMA Science College, ShirpurDist, Dhule (MS). 29 <sup>th</sup> May 2020
Dr. F. M. Nadaf	Best Paper Presentation Award for research paper entitled "Mapping Field Based Geographical Data Using Epicollect -5 and Google Map"	National Level Policy Making Conference on GEOSPATIAL CONCLAVE 2020 held from 13 <sup>th</sup> to 14 <sup>th</sup> January 2020 at Jadavpur University, Kolkata. Organized by South Asian Institute for Advanced Research & Development
DR. Rupa Chari	Teachers Award	Lokutsav Adarsh Yuva Sangh

Mr. Keval K. Naik	Best Paper Presentation	Karnataka Sociology Association, Karnatak University Dharwad, 14/09/2019
-------------------	-------------------------	--

**16. Sports Achievements of Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	05	05	04	14	05	03		08
State	05	04	02	11				
National			01					
<b>Total</b>	<b>10</b>	<b>09</b>	<b>07</b>	<b>25</b>	<b>05</b>	<b>03</b>		<b>08</b>

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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won  1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
MISS NEHA PAGI	KARATE	SKDG NATIONAL ALL STYLES OPEN CHAMPIONSHIP	SHOTOKAN KARATE DO	3 <sup>rd</sup>

## **5. 20 Narayan Zantye College of Commerce, Bicholim**

1. Year of Establishment : June, 1994

2. College Address : Vathadev, Sarvan, Bicholim – Goa  
Post : Industrial Estate Pin.: - 403 529  
Email: [zantyeedu@rediffmail.com](mailto:zantyeedu@rediffmail.com)

3. Principal's Details :

Name : Dr. Rajendra Kumbharjuvenkar  
Contact No. : Office : 2361377/2363769  
Mobile: 8830864215/8805250848  
E-mail : raj\_shriya@gmail.com  
College website : [www.zantyecollege.ac.in](http://www.zantyecollege.ac.in)

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

5. Courses offered, sanctioned and filled strength :

i) 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. - 197 students

S.Y.B.Com. - 180 students

T.Y.B.Com. - 124 students

**Total - 501 Students**

ii) 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 - 16 students

M.Com. Part -II - 25 students

**Total - 41**

6. 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 Subject: Commerce

7. Faculty Strength :

- i) 01 Professor ( Full Time Regular)
- ii) 07 Associate Professors (Full Time Regular)
- iii) 09 Assistant Professors (Full Time Regular)
- iv) 01 Librarian (Permanent)

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

8. Conferences/Workshops Organized : (Nos. only)

State Level : 01

9. 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
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books				
a. Research Papers in Edited Books	---	03	---	03
	International	National	Local	
III. Research Papers in Conference Proceedings	---	--	01	01
Total	02	03	01	06

10. Papers presented in Conferences/Seminars/Workshops :

Abroad	Within India	Within Goa
--- Nil---	1.	--Nil--

11. Teachers who obtained research degree during the year :

M. Phil.	Ph.D.
Nil	I. Dr. Bipin Bandekar Sub : Commerce, Goa University 2. Dr. Rajendra Kumbharjuvenkar Sub : Commerce, Goa University

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

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

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

1. Year of Establishment: 2012
2. College Address: VP's Mandre College of Commerce, Economics and Management, Mandre – Goa. 403527
3. Principal's Details:  
Name: Shri Narayan J. Naik (Adm.Incharge)  
Contact No: 9423837316/9422395963  
Email: mandrecollege@yahoo.co.in  
College website: www.mandrecollege.ac.in
4. Courses offered, sanctioned and filled strength: B.COM. 104
5. Faculty strength: No. only 11 (Lecture basis appointment)

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

1. Year of Establishment: 2013
2. College Address: Shirshire Bori Ponda Goa-403401
3. Principal's Details:  
Name: Dr.(CA) Subrahmanya Bhat  
Contact No: 8806531262/ 8263806243  
Email: svvmcollege@yahoo.com  
College website: [www.svvmcollege.com](http://www.svvmcollege.com)
4. Courses offered, sanctioned and filled strength: Course - BCOM,

Sanctioned strength – 198, Filled Strength – 168 (FYBCOM-66, SYBCOM-62, TYBCOM-40)

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

5. Faculty strength: 14

6. Achievements of the College:

- i. Recognised by UGC under Section 2(f) of the UGC Act 1956
- ii. MOU with SantSohirobanathAmbiye Government College of Arts & Commerce, Pernem (Research Center)
- iii. MOU with the Institute of Company Secretaries of India (ICSI)
- iv. MOU with St. Vincent Pallotti Degree college, Bangalore Karnataka

7. Conferences/Workshops Organized (No. only)

National Level: 01

8. 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
a. Books	—	—	02	02
Total	0	0	04	04

9. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
—	04	—

10. Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
—	02	04

11. No. of Teachers pursuing Ph.D: 05

12. 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	02	03				

Inter-University								02
Total		01	03	04				02

## 5B. PROFESSIONAL COLLEGES

### 5.23 Don Bosco College, Panaji

1. Year of Establishment: 2001

2. College Address: MG Road, Near Municipal Market, Panjim Goa

3. Principal's Details:

Name: Dr Cedric Silveira

Contact No: 8830034811

Email: cedricsilveira@yahoo.com

College website: donbosco.goa.ac.in

Courses Offered	Sanctioned Strength	Filled Strength
Bachelor in Computer Application (BCA)	80	43 (3 ICCR Students )
Bachelor in Business Administration (BBA)	40+10% additional	48 (4 ICCR Students + 2 NRI seat)
Bachelor of Business Administration Travel & Tourism (BBA T&T)	40+10% additional	43 (2 ICCR Students )
Bachelor of Arts in Mass Communication (BA MC)	40+10% additional	15
Bachelor of Arts in Social Work (BSW)	40	04 (1 Foreign)
Bachelor of Physical Education (BPED)	50	46
Master of Social Work (MSW)	40	06

4. Courses offered, sanctioned and filled strength:

5. Faculty strength: 27

6. Achievements of the College: Only institutional achievements should be mentioned.

- The Social Work department conducted a national level 2 day workshop on drug abuse
- The college has applied for 2f and we are in the 1<sup>st</sup> year of NAAC accreditation
- BBA department came 90<sup>th</sup> in India in the India Today Survey
- BCA department came 86<sup>th</sup> in India in the India Today Survey
- Social Work department came 33<sup>rd</sup> in India in the India Today Survey

7. Conferences/Workshops Organized (No.s only)



**8. 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	4	2	
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	No.	No.	1	
	International	National	Local	
III. Research papers in Conference Proceedings	Nos only	Nos only	1	
Total				

**9. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	3	2

**10. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
Nos. only (No. of Lectures)*	Nos. only (No. of Lectures)	2

**11. Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
No. only	Dr Cedric Silveira, Management, Assam Don Bosco University
	Dr Pankaj Kumbhar, Social Work, Shivaji University Kholapur

**12. No. of Teachers pursuing Ph.D: 3****13. Sports Achievements of Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	4	6	4	14	1	2	1	4
Inter-University					2			2

<b>National</b>							1	1
<b>International</b>							1	1
<b>Total</b>								

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

<b>Name of the student/ captain of the team</b>	<b>Name of the event in which participated (sports/games)</b>	<b>Name of the Tournament/sports event with date</b>	<b>Name of the organizer</b>	<b>Place won  1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup></b>
Shetye Amey	Hand Ball	Baseball - 15 <sup>th</sup> to 2 <sup>th</sup> July 2019	Srilanka Baseball	3 <sup>rd</sup>
Rima Gadekar	Football	Inter University All India – 9 <sup>th</sup> -12 <sup>th</sup> January 2020	AIU	3 <sup>rd</sup>

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

- 2 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, 18<sup>th</sup> 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](http://www.gcp.goa.gov.in)

### **Courses offered and sanctioned strength:**

Bachelor in Pharmacy:

Sanctioned strength: 63 (60 + 3 [Tuition fee waiver])

Filled strength : 67 + EWS-07 + TFW(Tuition Fee Waiver)-04  
+ G01(Govt. of India)-02 + Foreign Students-02 = 82.

No. of students left after admission rounds = 02.

Therefore, Total = 82

		Sanctioned strength	Filled strength
b) Master of Pharmacy:	Quality Assurance	15+2(EWS)	15+02
	Pharmacology -	06+1 EWS	07
	Pharmacognosy -	12+1 EWS	10

	Sanctioned strength	Filled strength
c) Ph. D. in Pharmacy:		02 (2019-20)
		02 (2018-19)
		02 (2017-2018)
		<u>10</u> (2015-17)
		Total: 16

**Research Centre, if any: No. of Candidates, subjectwise, registered for Ph.D under the Research Center:**Ph.D. in Pharmacy – 02 nos.

**Faculty strength:** 32

#### **Achievements of the College:**

1. Ranked 47th in the country by MHRD under National Institutional Ranking Framework (NIRF-2020).

2. Goa College of Pharmacy, in collaboration with GCEIP, organized the 4Th Annual International Conference on 'Intellectual Property Rights' on 11th & 12th November, 2019, where resource persons from India and abroad deliberated. A total of 200 delegates attended the Conference held at the college.

#### **Results 2019-2020:**

##### **B.Pharm.**

Total No. of students	Distinction	First Class	Second Class	Passes	Result reserved but passes.
69	59	04		03	03

##### **M.Pharm.:**

Branch	Total No. of Students	Distinction	First Class	Second Class	
Quality Assurance	15	05	10		
Pharmacology	9	2	07		

Pharmacognosy	12	06	06		
---------------	----	----	----	--	--

### Conferences/Workshops Organized

International Level: 01

#### Details of International Conferences/Workshops organized : One -

4th Annual International Conference on 'Prosecution to Litigation : Part III Asserting Exclusive Rights to IP' in November, 2019'. A total of 200 delegates attended the Conference held at the college.. Date: 15<sup>th</sup>& 16<sup>th</sup> November, 2018.

### Publications

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 02	Nos. only 03	Nos. only 01	24
	Foreign Publisher	Indian Publisher	Local Publisher	
	01	--	--	01
Total :	Nos. only 12	Nos. only ---	Nos. only ---	
	International	National	Local	
Research papers in Conference Proceedings.	03	05	01	09
	24	08	02	34

### Papers Presented in Conference/Seminars/Workshop:

Within India: 11                      within Goa: 03

### Invited Lectures given by the faculty.

Within India: 06                      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	02	-	-	-	-
Total :	01		01	02	-	-	-	-

## 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](http://www.gec.ac.in)

Courses Offered		Sanctioned	Filled
Bachelors of Engineering			
1	B.E. Civil Engineering	60	78
2	B.E. Mechanical Engineering	60	82
3	B.E. Electrical & Electronics Engineering	60	79
4	B.E. Electronics & Telecommunia	60	79
5	B.E. Computer Engineering	60	83
6	B.E. Information Technology	60	79
Additional 10% EWS, 5% AICTE, GOI, & PMSSS candidates for BE first year& 10% Direct B.E. secondyear Admission			
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 – 04	
Ph.D – Mechanical Engg		Filled - 00	
Ph.D - Electrical & Electronics		Filled - 03	
Ph.D – Electronics		Filled - 01	

**Faculty strength:** 92 Regular+ 38 contract=130

#### Achievements of the College:

1. Civil Department in association with Indian Geotechnical Society, Goa Chapter organized annual 3rd Dr Victor De Mello lecture with Brazilian Geotechnical Society (ABGS) and Portugal Geotechnical Society (PGS) delivered by Prof EunChul Sheen, Prof. Incheon University South Korea, this paper also published in International Journal of Soil and Rocks. Also ISSMGE-TC107 Symposium on laterite and Lateritic soil was organized 20th Sept-21st Sept 2019.
2. GEC-IIT Goa signed MOU with P.W.D. Government of Goa on the subject Sustainable water Distribution in Goa for drinking and domestic use, for further study, research and documentation, May 2020 under this GEC has completed studies on Savoi-Verem village.








#### Information Technology Department

1. MOU have been signed by information Technology with 7 IT firms
2. Centre of Excellence for employability enhancement (CEEE)

#### Information Technology Department-list of Companies with LOGOS

4. **Information Technology Dept.** List the MOU's signed by the IT Department, GEC with Industry

9.

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

Sponsored Research Projects only sanctioned / Completed during June 2018 and May 2019. (Include only research projects of minimum Rs onelakh)

**NIL**

1. **1.Dr. Suraj Rane Rahul Anand Kundaikar .Dikshay Dilip Mairekar Sagar Vijay SakhardandeVardhan Prasad Kamat - Design and Development of Di-Brid 29/6/2020 and 1 year - Department of Science and Technology and waste Management, Government - Rs. 1.4 - Sanctioned on 29/06/2020**

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 Engineering Department-**

1. **Dr. K. G. Guptha, Inspection of distress Building, EE- Electricity Dept, Patto-Panjim, 3.835 lakhs**

2. **Nisha Naik Consultant for lab research and development eDot Marine Laboratory, 1 year Rs. 2,00,000/- September 2019.**

3. **Dr. K. G. Guptha, Assessment of Structural Members, Member Secretary Kala Academy, Panjim, 0.944 lakhs**

4. **Dr. Ganesh Hegade, S tructural Audit of Building, Garrison Engineers, Panjim, 0.944 lakhs**

#### **Conferences/ Workshop Organized:**

State Level: 05

National 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	ETC-04 Mech-10 Civil-01	Comp-02 IT-06	Comp-12 ETC-04	39
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	No.	No.	No	
(a) Research papers In Edited Booms	Mech-02 Civil-08	Civil-01 Mech-04	0	15

(b) Books	0	0	0	
	International	National	Local	
Ill. Research papers in Conference Proceedings	ETC-04 Civil-29 Mech-03 E&E-06 Comp.-01	Civil-08 IT-01 ETC-01 Comp.01	E&E-01 IT-01	56
Total	68	24	18	110

**Papers Presented in Conference/Seminars/Workshop:**

within India: 24                      within Goa: 03

**Invited Lectures given t by the faculty:**

Within India: 04                      within Goa:07

**Teachers who obtained research degree during the year:**

**No. of Teachers pursuing Ph.D:**

Civil-04  
Mech-04  
E&E-06  
Comp-03  
ETC-05

**Total- 22 Faculty members are pursuing Ph.D.**

**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
<b>Civil Dept.</b> Dr. Purnanand Savoikar Civil Dept. Dr. Purnanand Savoikar (along with Miss Shruti Chodankar and Miss Priyanka Badke)	Springer Best Paper Awards	ICRDS1 2019 Conference organized by KIIT Bhubaneswar July 2019



**Sports Achievement:**

Levels of Competition	Individual Event				Team Event			Total
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	
Inter-collegiate	E&E-01 Sports-01 Sachin Kumar Saroj (Athletics Triple Jump (13.35mts F.E. Civil)			01	Table Tennis (Men)	Badminton (Men)		03
					Chess Men & Women)			
Total	01			01	02	01		03

**Any other Special Achievements of faculty:**

Dr K G Guptha:

1. Jury member for AICTE clean green and smart campus,
2. Jury member for CVA (Chhatra Vishwakarma award), Jury member of AICTE for USVA (Utkrushta saunasthan vishwakarma award)
3. Ph.D examiner for Shivaji and VTU Universities

Dr. Purnanand Savoikar:

1. Member of Technical Committee TC107- Laterites & Lateritic Soil of International Society of Soil Mechanics & Geotechnical Engineering (ISSMGE) for 2018-2021 representing India
2. 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, Arabian Journal of Geosciences
3. Ph.D Examiner for NIT Jaipur

4. Reviewer for Research project of Ministry of Earth Sciences under seismology program.

## 5.2 Nirmala Institute of Education, Panaji

1. Year of Establishment: 1963

2. College Address: Nirmala Institute of Education, Altinho, Panaji – Goa

3. Principal's Details:

Name: Dr. Delia Antao, (*Officiating Principal*)

Contact No: 9011545383

Email: [deliaantao@gmail.com](mailto:deliaantao@gmail.com)

College website: [www.nirmalainstitute.org](http://www.nirmalainstitute.org)

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

1. Accredited: Yes

2. Score: CGPA 2.84

3. Date of Accreditation: 24<sup>th</sup> September 2014

4. Courses offered, sanctioned and filled strength:

Name of the Course	Sanctioned Strength	Filled Strength
Bachelor of Education	2 units of 50 each	99
M.A. Wellness Counselling	40 students	18
Post Graduate Diploma in Guidance and Counselling	30 students	11

5. Faculty strength: No. only 13

7. Achievements of the College: Only institutional achievements should be mentioned.

a. Memorandum of Understanding between Nirmala Institute of Education, Altinho, Panaji, Goa & VVM's Shree Damodar College of Commerce & Economics, Margao, Goa

8. Conferences/Workshops Organized (No. only)

State Level: 2

National Level: 1

International Level (Only if there is participation of at least 10% of Scholars from abroad):

### Details of International Conferences/Workshops organized

- "Strategies for Success in Higher Education: An Interdisciplinary Perspective"  
Funding Agency- The Indian Council of Social Science Research  
Amount Sanctioned: Rs. Two Lakhs Only  
Date: 1<sup>st</sup> and 2<sup>nd</sup> March 2019  
Number of participants- 70
- "Reference Management Tools and Academic Integrity"

Date: 21st September, 2019

Number of participants: 85

- “State Level workshop on Smart Phone Addiction: Physical, Social and Psychological”

Date: 18<sup>th</sup> February, 2020

Number of Participants: 60

#### 9. 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	6	7
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	-	2	-	2
a. Books	-	1	-	1
	International	National	Local	
III. Research papers in Conference Proceedings	-	2	•	2
Total	-	6	6	12

#### 10. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
		6

#### 11. Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
		42

#### 12. Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
No. only	Name, Subject, University which awarded Degree

1. No. of Teachers pursuing Ph.D.: 8

### 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](mailto: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:** Vidya Vikas Mandat's G. R. Kare College of Law Shree Damodar Educational campus, P.O. Box No. 777, G.R. Kare Road, Tansor, Comba Margao, Goa - 403601.**Principal's Details:****Name:** Dr. Saba V. M. Da Silva**Contact No:** 918275540890**E-mail:**principal.grkcl@vvm.edu.in**College website:** [www.grkarelaw.edu.in](http://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 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year	Total
B.A.LL.B	300	66	60	29	26	30	211
LL.B (DEGREE)	180	47	46	28			121
LL.M	80	21	24				45
Ph.D	04						04

**Faculty positions:** 6 full time + 8 contract basis + 1 Director of physical education = 15

**Achievement of the College:**

Memorandum signed with

L Sanjeevan Society For Youth Development

2. The All Goa Senior Citizen's Federation

3. M/s Lions Club Of Margao Central

4. Devi Sharvani Education Society's V.M Salgaonkar College of Law

5. The Universidade de Fortaleza

6. Postgraduate Department of Psychology, Carmel College of Arts, Sciences and Commerce, Nuvem, Goa

7. Carmel College of Arts, Sciences and Commerce, Nuvem, Goa

8. Sakhi One Stop Centre, South Goa

9. University of Coimbra, Portugal

10. School of Legal Studies, British College of Applied Studies at Colombo, Sri Lanka

**Conference/Workshop Organized:**

National Level : 01

International Level : 02

**Details of International Conferences/Workshops organized:**

The title of the Conference/Workshop	Funding agency	Amount sanctioned and date	number of participants from abroad
International Conference on Criminal Justice and human Right: New Challenges in association with JUSGOV, University of minho, Braga- Portugal	College in association With JUSGOV	College	04

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

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	<b>Total</b>
Research papers in Journals			<b>06</b>	<b>06</b>
	<b>International</b>	<b>National</b>	<b>Local</b>	<b>Total</b>
Research papers in Journals	--	--	08	08
Total	--	--	14	NIL

**Paper presented in Conference/Seminars/Workshop:**

within India: 08      within Goa: 05

**Invited Lectures given by the faculty:**

within Goa: 08

**No. of Teachers pursuing Ph.D: 06****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				

**5.29 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	05	06	02	13

Conference Proceedings				
<b>Total</b>				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	-	-	-	-
<b>Total</b>	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 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
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

1. Year of Establishment: 1987

2. College Address: Dr. T B Cunha Educational Complex, Altinho-Panaji-Goa.

**3. Principal's Details:**

**Name:** Dr. Shashank Maktedar (Officiating Principal)

**Contact No:** 2432528/2232507

**Email:** prin.music @unigoa.ac.in

**4. Courses offered, sanctioned and filled strength**

Course	Sanctioned	Filled
Foundation Course in Hindustani Classical Music		50 49
Bachelor of Performing Arts	55	32
Master of Performing Arts		10 08

**5. Research Centre, If any**

**No. of Candidates, subject wise, Registered for Ph.D under the Research Center: 02**

**Vocal –01, Tabla - 01**

**6. Faculty strength: 07**

**7. Achievements of the College: Only institutional achievements should be mentioned.**

- i. **Recognized as a research center by Goa University for PhD for the academic year 2019-20**
- ii. **Recognition of College under section 12(b) of the UGC Act, 1956 on 28<sup>th</sup> June 2019.**

**8. Conferences/Workshops Organized (No only)**

**State Level: 03, National Level – 01**

**9. No. of Teachers pursuing PhD: 02**

### **5.31 Institute of Nursing Education, Bambolim:**

**1. Year of Establishment: 1993**

**2. College Address:** Institute of Nursing Education, Bambolim-Goa

**3. Principal's Details:**

**Name:** Carol Noronha

**Contact No:** 7798142248

**Email:** [principal-ine.goa@nic.in](mailto:principal-ine.goa@nic.in)

**College website:** : [www.ine.goa.gov.in](http://www.ine.goa.gov.in)

**4. Courses offered, sanctioned and filled strength:**

Sr. No.	Courses offered	sanctioned	filled
1.	B. Sc Nursing program	110+3 seats	107+1 seats



2.	M. Sc Nursing program	22 seats	01 seats
----	-----------------------	----------	----------

5. Any new course(s) started: Post Basic Diploma in Neonatal Nursing and Post Basic Diploma in Cardiothoracic Nursing program started from January 2019.

6. Faculty strength: 28 Full time & Contract staff

7. Conferences/Workshops Organized during June 2019 and May 2020)

Sr. No.	Particulars	Nos.
1.	State Level:	01

#### 8. Publications

Publications	Cat-I	Cat-II	Cat III	Total
	Scopus, Web of Science, ICI indexed journals	UGCRecognized	ISSN	
I. Research papers in Journals	01	Nil	Nil	01
	International	National	Local	
II. Research papers in Conference Proceedings	NIL	01	NIL	01
Total				02

9. No. of Teachers pursuing Ph.D: 03

### 5.32 G. V. M's Dr. Dada Vaidya College of Education, Ponda

1. Year of Establishment : 1993

2. College Address : Post Box No. 139, Farmagudi Ponda Goa 403 401

3. Principal's Details:

Name : Dr. Allan Abreo

Contact No : 9422058395

Email : [gvm.educol@gmail.com](mailto:gvm.educol@gmail.com)

College website : [www.gvmcollege.com](http://www.gvmcollege.com)

4. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round) Accredited by NAAC, Second round , CGPA of 2.51 at B+ Grade

5. Courses offered, sanctioned and filled strength: Two year B.Ed. programme

Sanctioned Strength :- FY B.Ed. – 100

SY B.Ed. – 100

Filled Strength : FY-100, SY-97

Research Centre, If any : Ph.D. in Education

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

Three candidates registered for Ph. D In Education

6. Any new course(s) started: Two year M.Ed. Programme  
Sanctioned Strength: - FY M.Ed. – 50  
Filled Strength: FY M.Ed. – 30
7. Faculty strength: No. only  
a. Full Time ( Regular ) – 10 (B.Ed.)  
b. Contract basis (11 months) – 03 (B.Ed.) + 02 (M.Ed.)
8. Conferences/Workshops Organized  
National Level: - One -  
Details of International Conferences/Workshops organized :One  
Education in 21<sup>st</sup> Century – A Blended Perspectives, 13<sup>th</sup> & 14<sup>th</sup> August 2020,
- No. of Teachers pursuing Ph.d: - Nine –

### 5.33 B. S. P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda

1. **Year of Establishment:** 1993

2. **College Address:** B.S.P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Vajem, Shiroda- Goa 403103.

3. **Principal's Details:**

Name: Dr. Anura P. Bale  
Contact No: 9822589751  
Email: [baleanura@rediffmail.com](mailto:baleanura@rediffmail.com)  
College website: [www.gamrc.org](http://www.gamrc.org)

4. **Courses offered, sanctioned and filled strength:** B.A.M.S. -Bachelor of Ayurveda Medicine and Surgery (Ayurvedacharya), 60 +05 = 65 Seats.

AYUSH	- 09
DTE	- 38
MANAGEMENT	- 13
EWS	- 05
Total	= 65

**Research Centre, If any** - Yes

5. **Any new course(s) started:** YES (PG) 1) Kayachikitsa 2) Rasashastra & Bhaishajya Kalpana

6. **Faculty strength:** 41

7. **Achievements of the College:**

1. 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.
2. Swasthavritta & Yoga Department of Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda – Goa, observed the 05<sup>th</sup> International Yoga Day by organizing a YOGA RALLY- Yogathon 2019 on 17th June, 2019 from Arlem Circle to Margao Municipal Garden in association with Urban Health centre, Margao and Directorate of Health Services, Panaji and M.L.A. of Shiroda constituency Shri Subhash Shirodkar from 09.00 a. m onwards and participants consisting of the staff and students of the college.
  - i. Swasthavritta & Yoga Department of Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda – Goa organized Mass suryanamaskar Practice Event was held on 1<sup>st</sup> Feb., 2020 at Karai Ground, Shiroda with Chief Guest Shri Subhash Shirodkar and Dy. Sarpanch Smt. Salvaco Fernandes.
3. Gomantak Ayurveda Mahavidyalaya and Research Centre conducted National level Awareness Program (NLAP) 2020 by Ministry of Microsmall & medium Enterprises, Government of India By their team in our College on 19/02/2020
4. One day seminar was organized on 20<sup>th</sup> July 2019 on “Leech Harvesting” Guest lecturer was Dr. Nilesh Dalvi.
5. CME was organized on 24<sup>th</sup> Aug., 2019 on Topic 1- “Application of Vagbhata’s Principales in modern Practice of Ayurveda-integrating classics and functional medicine. 2- “Use of DNA testing in clinical practice of Ayurveda”.

**8. Sponsored Research Projects only sanctioned/ Completed during June 2019 and May 2020.(Include only research projects of minimum Rs one lakh)**

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned/ completed with date
01	Dr. Anura Bale, (Dr.Dharmendra	Evaluation of stagewise Protocol using certain Ayurvedic d	28/04/2020	Bharateeya Sanskriti Prabodhini	2,00000/-	Ongoing

	Prabhudesai)	rugs and Methods in Prophylaxis of COVID-19 Patients and suspects in Quarantine and frontline workers				
--	--------------	---	--	--	--	--

## 9. Publications

<b>Publications</b>	<b>Cat-I</b>	<b>Cat-II</b>	<b>Cat-III</b>	
	<b>Scopus, Web of Science, ICI indexed journals</b>	<b>UGC Recognized</b>	<b>ISSN</b>	<b>Total</b>
. Research papers in Journals	04	01	1. 2413-3973 2. 2349-9025	04
	<b>Foreign Publisher</b>	<b>Indian Publisher</b>	<b>Local Publisher</b>	
. Research papers in Conference Proceedings	—	—	—	—
Total	04	01	02	04

## 10. Papers presented in Conferences/Seminars/Workshops:

<b>Abroad</b>	<b>Within India</b>	<b>Within Goa</b>
—	08	01

## 11. Invited Lectures given by the faculty.

<b>Abroad</b>	<b>Within India</b>	<b>Within Goa</b>
—	01	04

## 12. No. of Teachers pursuing Ph.D: 01

## 13. Awards :

<b>Name of the faculty</b>	<b>Title of the Award</b>	<b>Name of Agency/ Institution sponsoring the</b>
----------------------------	---------------------------	---

<b>member</b>		<b>award (Only recognised and reputed agencies), Date of award</b>
Dr. Bishupriya Mohanty	Primary, Secondary, Tertiary level approach for Ayurveda to protect Public Health & Propagate authentic Ayurveda for Swastha Bharat for Nav Bharat	AYUSH CLUSTER DEVELOPMENT & AYUSH ON PSYCHO SOMATIC Changes. Date : IISF -2019- (Nov. 5-8)

#### 14. Sports Achievements of Students:

<b>Levels of Competition</b>	<b>Individual Event</b>				<b>Team Event</b>			
	<b>First Place</b>	<b>Second Place</b>	<b>Third Place</b>	<b>Total</b>	<b>First Place</b>	<b>Second Place</b>	<b>Third Place</b>	<b>Total</b>
<b>Inter-collegiate</b>	—	—	<b>01</b>	<b>01</b>	—	—	—	—
<b>Total</b>	—	—	<b>01</b>	<b>01</b>	—	—	—	—

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

<b>Name of the student/captain of the team</b>	<b>Name of the event in which participated (sports/games)</b>	<b>Name of the Tournament/sports event with date</b>	<b>Name of the organizer</b>	<b>Place won 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup></b>
Mast. Shetty Snehil Suresh	Taekwondo	03 <sup>rd</sup> Inter-collegiate Goa university Taekwondo Championship	Goa university	03 <sup>rd</sup>

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

1. Dr. Anura P. Bale, Principal was invited as a Resource Person for CME at D Y Patil College of Ayurveda & Research Centre – Pune – December 2019 and CME at YMT Ayurvedic Medical College - Kharghar Mumbai – January 2020.

2. Dr. Suraj Patlekar conducted various OPTHALMIC & ENT CAMPS at College premises of GAM & RC, Shiroda, Goa & other Schools & colleges of Goa.
  - i. Medical Camps on “Glaucoma” held on 20/03/2020(Friday) at Kamakshi Arogyadham on the occasion of WORLD GLAUCOMA AWARENESS WEEK.
3. Dr. Joy Pereira was invited as a Resource Person for the 5<sup>th</sup> International Day of Yoga held on 21<sup>st</sup> June 2019 at Goa Medical College, Bambolim Goa.
4. Dr. Anil Panse and Dr. Mithun M. Bondre have worked on Research and Clinical study entitled “Anopen label, Single Arm, Multi-centre, Prospective, Clinical Study to Evaluate Efficacy and safety of WEL/PSO-1 in Patient suffering from Chronic Plaque Psoriasis”.
5. 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**

1. Year of Establishment : 1998-99 (Academic Session).
2. College Address : “ Shiv Shail”, Karai, Shiroda – Goa. 403 103.
3. Principal’s Details:
 

Name	: Prof. (Dr.) Roshani R. Shirwaikar.
Contact No	: 9890719379.
Email	: <a href="mailto:drshubhashirwaikar@gmail.com">drshubhashirwaikar@gmail.com</a>
College website	: <a href="http://www.homoeopathycollegegoa.org">www.homoeopathycollegegoa.org</a>
4. Courses offered : Bachelor of Homoeopathic Medicine & Surgery (B.H.M.S).
 

Sanctioned	: 50
Filled strength	: 50
5. Faculty strength : 29
6. Achievements of the College: Only institutional achievements should be mentioned.
  - i. MOU with Switzerland Homoeopathic Medical College, Switzerland – past 13 years.
  - ii. Medical Certification of Cause of Death under the aegis of Statistics Department of Government of Goa and Forensic Department, Goa Medical College, Bambolim - Goa.
  - iii. Breast Cancer Awareness Programme.
  - iv. National Seminar in Materia Medica.
  - v. Research Project on Iron deficiency Anaemia in middle school children.
  - vi. Research project on menstrual diseases in teen age group with efficiency of Homoeopathic Medicine.
7. Conferences/Workshops Organized (No.only)

State Level : 03, National Level : 01

**8. Publications :**

Publications	Cat-I	Cat-II	Cat-III	Total
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	
I. Research papers in Journals	Nos. only	07	No.s only	

**9. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
NIL	02	01

**10. Teachers who obtained research degree during the year: NIL**

M. Phil.	Ph.D.
No. only	Name, Subject, University which awarded Degree

**11. No. of Teachers pursuing Ph.D: 02**

### 5.35 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda

- Year of Establishment : 2001
- College Address : Shivshail, Shiroda Goa 403103
- Principal's Details  
 Name : Prof. (Dr.) Shailendra Aswale  
 Contact No : 9822161240  
 Email : principal.ritgoa@gmail.com  
 College website: www.ritgoa.ac.in
- Courses offered, sanctioned and filled strength:

Sr. No.	Courses Offered	Sanctioned	Filled
1.	Electronics & Telecommunication Engineering	75+4*	11
2.	Computer Engineering	75+4*	35
3.	Information Technology	75+4*	12
4.	Mechanical Engineering	75+4*	23

\* Seats under AICTE Tuition Fee Waiver Scheme Supernumerary Quota

5. Any new course(s) started: **B.E. in Mechanical Engineering**

6. Faculty strength : 22

7. Achievements of the College:

1. Valuable Academic Collaborations with 20+ organizations
2. Signed MoUs with 21+ companies / Industries.
3. Outstanding Placement records : Placed 107+ students.
4. Ten Paper published in IEEE xplore digital library.
5. 200+ students received 500+ digital certificates during lockdown period.

8. Publications

Publications	Cat-I	Cat-II	Cat-III	
	Scopus, Web of Science, ICI indexed journals	UGC Recognized	ISSN	Total
l. Research papers in Journals	NIL	NIL	23	23
	Foreign Publisher	Indian Publisher	Local Publisher	
	International	National	Local	
l. Research papers in Conference Proceedings	13	NIL	NIL	13
Total	13	NIL	23	36

9. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
NIL	15	NIL

10. Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
NIL	<b>DR. SHAILENDRA ASWALE</b> Doctor of Philosophy in Computer Science & Engineering Shivaji University, Kolhapur Maharashtra.

11. No. of Teachers pursuing Ph.D: 03

**12. 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
Mr. Viren Pereira	Dr. APJ Abdul Kalam LifeTime Achievement	International Institute for Social and Economic Reforms Bengaluru,



	<b>National Award in the field of teaching ,research and publications</b>	<b>17 th Aug, 2019</b>
--	---	------------------------

**13. Sports Achievements of Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	-	-	03	03	-	-	-	-
<b>Total</b>	-	-	-	03	-	-	-	-

**5.36 P. E. S. College of Education, Farmagudi, Ponda**

1. Year of Establishment: 2004

2. College Address: P.E.S's College of Education, Farmagudi, Ponda- Goa

3. Principal's Details:

Name: Dr. Prakash R. Ahire

Contact No: 9850501251

Email: prakash.ahire11@gmail.com

College website: www.pescoe.com

4. Achievements of the College: Only institutional achievements should be mentioned.: National collaboration with MES'S Pillai College of Education and Research, Chembur.

**5. Publications**

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

**6. Papers presented in Conferences/Seminars/Workshops: Nil**

Abroad	Within India	Within Goa
	05	

7. Invited Lectures given by the faculty. : Nil

Abroad	Within India	Within Goa
Nos. only (No. of Lectures)*	13	Nos. only (No. of Lectures)

8. No. of Teachers pursuing Ph.D: **03**

### 5.37 Vrundavan Institutes of Nursing Education, Colvale, Bardez-Goa.

1. Name of the college : **VRUNDAVAN INSTITUTE OF NURSING EDUCATION**
2. Year of Establishment : 2007
3. College Address : Near Binani Glass Fibre Pvt. Ltd,  
MushirWado,  
Colvale, Bardez- Goa  
Pin code: 4035 13
4. Principal's Details:
  - Name : Prof. SRajeswari
  - ContactNo : +918754720832, 07448202838
  - E – mail : [vinegoa@yahoo.co.in](mailto:vinegoa@yahoo.co.in), [rajiawanthika@gmail.com](mailto:rajiawanthika@gmail.com)
  - College website : [www.vrundavaninstituteofnursing.com](http://www.vrundavaninstituteofnursing.com)
5. Courses offered, sanctioned and filled strength: Basic B. Sc Nursing  
50 seats (Sanctioned strength) + 05  
EWS  
55 students (filled strength)
6. Faculty strength: 31 (20+ 11)
9. Achievements of the College:
  - Ms. ShivaniShamraoRane 1<sup>st</sup>Year B. Sc Nursing student won 1<sup>st</sup> prize in online poster drawing competition held by Goa State AIDS Control Society, Panaji – Goa
12. Conferences/WorkshopsOrganized:
  - State Level :01

### 5.38 Institute of Psychiatry and Human Behaviour, Bambolim

1. Year of Establishment: 1980
2. College Address: Bambolim, Goa
3. Principal's Details:
  - Name: Dr. Shivanand M. Bandekar
  - Contact No: 9420920890
  - Email: [dir-iphb.goa@nic.in](mailto:dir-iphb.goa@nic.in)
  - College Website: [www.iphb.goa.gov.in](http://www.iphb.goa.gov.in)

4. The NAAC accreditation status(Whether accredited, score and grade,accreditation round) :- Not Accredited

5. Courses offered, sanctioned and filled strength:

Course Offered	Sanctioned	Filled Strength
MD (Psychiatry)	6	6
DPM	2	2
M. Phil in Psychiatric Social Work	3	3
Post Basic Diploma in Psychiatric Nursing	10	5

6. Any new course(s) started: 2 new courses i.e M. Phil in Psychiatric Social Work & Post Basic Diploma in Psychiatric Nursing was started from 02/12/2019

7. Faculty strength: 12 (Tewelve)

8. Achievements of the College:

- Training of 44 Medical officers of Directorate of health service in the field of psychiatry.
- Conducted Mental Health Awairness Programme at Mandur Health Centre.
- IPHB started 2 new course viz. M. Phil in Psychiatric Social Work & Post Basic Diploma in Psychiatric Nursing
- 1 Faculty i.e Assistant Professor in Clinical Psychology was filled to start new course of M. Phil in Clinical Psychology.

9. Sponsored Consultancy Work sanctioned during reporting period(include only consultancy, project with minimum Rs one lakh): None

10.Conferences/Workshops Organized: one  
State Level:- 1

#### Publications

Publications*	Cat-1	Cat-II	Cat-III	Total
I. Research papers in journals	3	-	-	-

11.Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
-	3	-

12.Invited Lectures given by the Faculty.

Abroad	Within India	Within Goa
-	4	15

13. Number of Teacher pursuing Ph.D : one

**5.39 P.E.S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda.**

1. Year of Establishment: 2007

2. College Address P.E.S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda Goa 403401

3. Principal's Details:

Name: Dr. S.N. Mamle Desai

Contact No: 8390773995

Email: smamledesai@rediffmail.com

College website: [www.pespharma.com](http://www.pespharma.com)

4. Courses offered, sanctioned and filled strength: **B.Pharm**, Sanctioned strength is 75 plus 4 seats under AICTE Tuition Fee Waiver Scheme, plus 02 from PMSS, Total filled strength=**77** (4 years Course)

**M.Pharm** in Pharmaceutical Chemistry- sanctioned strength is 15 seats, filled strength is = 13,

**M.Pharm** in Pharmaceutics- sanctioned strength is 15 seats, filled strength = 15 seats.

5. Faculty strength: No. only 22

6. Achievements of the College: Only institutional achievements should be mentioned. :  
In the 13<sup>th</sup> year of existence, the College has been placed in the band of 75-100 by National Institute Ranking Framework (NIRF), MHRD, Government of India in the year 2019

7. Conferences/Workshops Organized (No. only)

National Level: 01

8. Publications

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-12	Nos. only	Nos. only	12
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	No.	No.-01	No.	01

a. Books	<i>Nos. only</i>	<i>Nos. only-02</i>	<i>Nos. only</i>	02
	<b>International</b>	<b>National</b>	<b>Local</b>	
III. Research papers in Conference Proceedings	<i>No.s only-04</i>	<i>Nos only - 04</i>	<i>Nos Only</i>	08
Total	16	07		23

**9. Papers presented in Conferences/Seminars/Workshops:**

<b>Abroad</b>	<b>Within India</b>	<b>Within Goa</b>
Nos. only (No. of Papers)	Nos. only (No. Papers)	Nos. only (No. of Papers)- <u>04</u>

**10. Invited Lectures given by the faculty.**01

<b>Abroad</b>	<b>Within India</b>	<b>Within Goa</b>
Nos. only (No. of Lectures)*	Nos. only (No. of Lectures)	Nos. only (No. of Lectures)- <u>01</u>

**11. No. of Teachers pursuing Ph.D: 06**

**12. Awards : 01**

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. Celina Nazareth	First Place in Oral Presentation at WIP Inter Cons & IPA at Goa	Current Research & Innovations in Helathcare Systems

**13. 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	02	-	-	02
Total	-	-	<b>01</b>	<b>01</b>	<b>02</b>	-	-	<b>02</b>

## 5.40 Don Bosco College of Engineering, Fatorda, Margao

1. Year of Establishment: 2011

2. College Address: Fatorda, Margao, Goa, 403 602

3. **Principal's Details:**

Name: Dr. Neena S.P. Panandikar  
 Contact No: 9823625216  
 Email: principal@dbcegoa.ac.in  
 College website: [www.dbcegoa.ac.in](http://www.dbcegoa.ac.in)

4. **Courses offered, sanctioned and filled strength:**

**Sem I**

Sr. No.	Courses Offered	Sanctioned no:	Strength
1	Mechanical Engineering I +II	120+6	95
2	Electronics & Telecommunication Engineering	60+3	42
3	Computer Engineering	60+3	60
4	Civil Engineering	60+3	38

**Sem III**

Sr. No.	Courses Offered	Sanctioned no:	Strength
1	Mechanical Engineering	120+6+12	138
2	Electronics & Telecommunication Engineering	60+3+6	69
3	Computer Engineering	60+3+6	66
4	Civil Engineering	60+3+6	68

**Sem V**

Sr. No.	Courses Offered	Sanctioned no:	Strength
1	Mechanical Engineering	60+3+12	72
2	Electronics & Telecommunication Engineering	60+3+12	53
3	Computer Engineering	60+3+12	68
4	Civil Engineering	60+3+12	72

**Sem VII**

Sr. No.	Courses Offered	Sanctioned no:	Strength
1	Mechanical Engineering	60+3+12	60
2	Electronics & Telecommunication Engineering	60+3+12	56
3	Computer Engineering	60+3+12	59
4	Civil Engineering	60+3+12	61

5. **Faculty strength: No. only**

Sr. No.	Courses	Strength	
		Regular	Contract
1	Mechanical Engineering	14	03
2	Electronics & Telecommunication Engineering	14	02
3	Computer Engineering	10	04
4	Civil Engineering	13	01
5	Science & Humanities	06	06

6. **Achievements of the College: Only institutional achievements should be mentioned.**

1. MoU with Turbocam India Pvt. Ltd. Goa
2. MoU with Astra metal systems Pvt Ltd, Goa
3. MoU with Godrej & Boyce Mfg. Com Ltd, Goa
4. MoU with Abhishek Alloys Pvt. Ltd, Belagavi

5. MoU with Polyhedron Systems Pvt. Ltd, Belagavi
6. MoU with Expert Engineering Solutions, Belagavi
7. MoU with Persistent System Ltd., Verna
8. MoU with Cloud Counsellage, Mumbai
9. MoU with Earnestek, Margao
10. MoU with Xerwiz Wlobal, Margao
11. MoU with Internship Station, Margao
12. MoU with Alcolab India LLP Alcon – Anil Counto Enterprise
13. MoU with Nanu Estates Pvt. Limited
14. MoU with Prism Johnson Limited (Readymix Division)
15. MoU with Ultratech Cement Limited
16. AICTE CII Survey 2019 – Silver Ranking

**7. Sponsored Research Projects only sanctioned / Completed during June 2016 and May 2017.** (Include only research projects of minimum Rs one lakh):

Sr.No	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned / completed with date
1.	Prof. Chetan Gaonkar	Design, Analysis and fabrication of same end inlet-outlet Muffler	28/05/2020	DST, Goa	1,20000/-	Completed 20 <sup>th</sup> June 2020
2.	Prof. Ishan Kossambe	Experimental and Theoretical Investigation of solar still for water Distillation	25/06/2020	DST, Goa	1,25000/-	Completed 15 <sup>th</sup> April 2020
3.	Prof. Gaurish Samant	Design & development of system for the extraction of water from air using vapor compression system.	18/07/2020	DST, Goa	32,500/- first installment	Completed 10 <sup>th</sup> March 2020
4.	Prof. Suraj Marathe	Analysis & Optimization of Critical parameters	28/05/2020	DST, Goa	Rs 1,11,500/-	Completed 20 <sup>th</sup> June 2020

		of an Automated Hydraulic Die-casting Machine				
5.	Dr. Gaurang S. Patkar, Amey Tilve	Sentiment Analysis of Online Articles	01/05/2018 3 years	DRDO	Rs.13,70,000/-	Sanctioned

**8. Conferences/Workshops Organized (Nos only):**

State Level : 28  
National Level : 02  
International Level : 01

**Details of International Conferences/Workshops organized:**

(Specify: The title of the Conference/Workshop, funding agency, amount sanctioned and date, number of participants from abroad).

Sr. No	Title of the Conference/Workshop	Funding agency	Amount sanctioned and date	Number of participants from abroad
1.	INTERNATIONAL CONFERENCE "Trending Moments and Steer Forces-Civil Engineering Today" - (TMSF-2019)	Nil	31 <sup>st</sup> Oct 2019 & 1 <sup>st</sup> Nov 2019	03

**9. Publications:**

Publications	Cat-I Scopus, Web of Science, ICI indexed journals	Cat-II UGC Recognized	Cat-III ISSN	Total
I. Research papers in Journals	04	04	07	15
	Foreign Publisher	Indian Publisher	Local Publisher	
II. Books/Edited Books	No.	No.	No.	
a. Research papers In Edited Books	01	Nil	Nil	01
b. Books	Nil	Nil	Nil	Nil
	International	National	Local	
III. Research papers in Conference Proceedings	26	04	01	31
<b>Total</b>	<b>31</b>	<b>08</b>	<b>08</b>	<b>47</b>

**10. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	Nos. only (No. Papers)	Nos. only (No. of Papers)



NIL	22	NIL
-----	----	-----

11. Invited Lectures given by the faculty:

Abroad	Within India	Within Goa
No. only (No. of Lectures) NIL	No. only (No. of Lectures) 03	No. only (No. of Lectures) 17

12. Teachers who obtained research degree during the year:

M. Phil.	Ph.D.
No. only NIL	Name, Subject, University which awarded Degree  02 nos  1) Dr. Gaurang S. Patkar , Automated Grading of Oil Palm Fruits using Soft Computing, VIT University, Vellore  2) Dr. Vivek Jog, Intelligent Multilevel Authentication and Authorisation Protocol (IMA2P) with Modified Hashing Technique for IoT., School of Computing Vel. Tech Rangarajan Dr. Sagunthala R&D, Institute of Science & Technology, Chennai

13. No. of Teachers pursuing Ph.D: 19

14. Awards :

Name of the faculty member	Title of the Award	Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award
Dr. Gaurang S. Patkar	Best Faculty funded research	Computer Society of India (Mumbai Chapter), Mumbai 20/11/2019
Dr. Gaurang S. Patkar	Excellence in Research under the Category HEI Professor Category	Aurobindo Society, Chennai 03/02/2019
Prof. Mohini Naik	Regional Mentor of Change	NITI AYOOG, Govt. of India, 05/03/2020

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

Levels of Competition	Individual Event				Team Event Total			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter -Collegiate	-	-	-	-	1	2	-	3
Total	-	-	-	-	1	2	-	3

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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
1. Khedekar Pranav Ravindra 2. Chipkar Rajat Nagraj 3. Rane Kaviraj Krishna	Weightlifting	Inter University	Mumbai University	NIL
1. Bind Neehal Indrajeet	Cricket	Inter University	Gwalior University	Nil
1. Simron Wendell Rodrigues	Handball	Inter University	Gwalior University	Nil

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

1. Prof. Ramnath V. Prabhu Bam secured topper of 5% in NPTEL in “Noise Management and Control”.
2. Dr. Kala R. Nayak secured topper of 1% in NPTEL in Introduction to Biostatistics”.
3. Mrs. Mayalin Noronha secured topper of 5% in NPTEL in “Ethics in Engineering Practice”.
4. Dr. Shwetha Prasanna, Asst. Prof. Swaroopa Sail & Asst. Prof. Akshata Kudchadker secured Elite Medal in the 12-week NPTEL online exam in the subject Integrated Waste Management for smart city. Asst. Prof. Madhuraj Naik and Asst. Prof. Kaushik V. Pai Fondekar secured Elite Silver Medal in the 4-week NPTEL online exam in the subject Reinforced Concrete Road Bridges.

#### **5.41 Goa College of Hospitality and Culinary Education, Cidade de Goa, Vaiginim Beach.**

1. **Year of Establishment:** 2011
2. **College Address:** Cidade de Goa, Vainguinim Beach, Goa 403004.
3. **Principal’s Details:**  
**Name:** Zarine Lobo  
**Contact No:** 9850902471  
**Email:** principal@gchce.com  
**College website:** www.goahospitalitycollege.com
4. **Courses offered:** BBA degree in Hospitality and Culinary Management

Sanctioned: 33  
 filled strength: 32  
 Research Centre, If any  
 No. of Candidates, subject wise, Registered for Ph.D under the Research Center

5. Faculty strength: 3

7. No. of Teachers pursuing Ph.D: 1

## 5.42 Agnel Institute of Technology and Design, Assagao, Bardez

1. Year of Establishment: 2012

2. College Address: Agnel Technical Education Complex, Assagao, Bardez, Goa

3. Principal's Details:

Name: Dr. V Mariappan  
 Contact No: 9975797916  
 Email: vm(5)aitdgoa.edu.in  
 College website: www.aitdgoa.edu.in

5. Courses offered, sanctioned and filled strength:

Year	Courses	Sanctioned	Filled
2019-20	MECHANICAL ENGG.	63	56
	COMPUTER ENGG.	63	62
	ELECTRONICS & COMMUNICATION ENGG.	63	32

6. Faculty strength: 43

7. Conferences/Workshops Organized (No.s only)

National Level: 01

8 Publications

Publications	Scopus, Web of ICI indexed journals	UGC Recognized	ISSN	Total
I. Research papers in Journals	04	06	16	20
III. Research	02	NIL	NIL	02

<b>papers in Conference Proceedings</b>				
<b>Total</b>	<b>06</b>	<b>06</b>	<b>16</b>	<b>22</b>

**9. Papers presented in Conferences/Seminars/Workshops:**

**Within India -02, Within Goa - 02**

**10. Invited Lectures given by the faculty.**

**Within Goa - 01**

**11. No. of Teachers pursuing Ph.D: 01**

**18. Sports Achievements of Students: ( Note:Specify only number )**

<b>Levels of Competition</b>	<b>Individual Event</b>				<b>Team Event</b>			
	<b>First Place</b>	<b>Second Place</b>	<b>Third Place</b>	<b>Total</b>	<b>First Place</b>	<b>Second Place</b>	<b>Third Place</b>	<b>Total</b>
<b>Inter collegiate</b>	<b>NIL</b>	<b>01</b>	<b>01</b>	<b>02</b>	<b>NIL</b>	<b>02</b>	<b>NIL</b>	<b>02</b>
<b>Total</b>	<b>NIL</b>	<b>01</b>	<b>01</b>	<b>02</b>	<b>NIL</b>	<b>02</b>	<b>NIL</b>	<b>02</b>

### **5.43 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim**

- Year of Establishment** : 2012
- College Address** : Prabodhan Education Society' Vidya Prabodhini College of Commerce, Education, Computer & Management Vidya Nagar, Parvari, Taluka- Bardez, Goa – 403521
- Principal's Details:**  
**Name** : Dr. M.R. Patil  
**Contact No.** : 0832-2413600, 9420979228, Res. - 0832 – 2251228  
**Email** : [vidyaprabodhinigoa@gmail.com](mailto:vidyaprabodhinigoa@gmail.com);  
[info@vidyaprabodhnicollege.edu.in](mailto:info@vidyaprabodhnicollege.edu.in)  
**College website** : [www.vidyaprabodhnicollege.edu.in](http://www.vidyaprabodhnicollege.edu.in)
- The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**  
YES, B+ Grade with 2.73 score, First Cycle, Date: 26/09/2018.
- Courses Offered, sanctioned and filled strength:**

Course	Sanctioned Strength	Filled Strength
<b>B. COM</b>		
F.Y.B. Com	120	124
S.Y.B. Com	120	122
T.Y.B. Com	120	88
<b>B.A.B.Ed.</b>		
F.Y.B.A.B.Ed.	100	100
S.Y.B.A.B.Ed.	100	97
T.Y.B.A.B.Ed.	100	98
Fourth Year B.A.B.Ed.	100	97

6. **Faculty Strength:** 27

7. **Conferences/Workshops Organized**

State Level: 02, National Level: 07

8. **Publications:**

Publications	Cat-I	Cat-II	Cat-II I	
	Scopus, Web of Science, ICI indexed journals	UGC recognized	ISSN	Total
I. Research papers in Journals	05	09	02	16
	International	National	Local	
III. Research papers in Conference Proceedings	01	0	07	08
Total	06	09	09	24

9. **Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
	13	14

10. **Invited lectures given by the faculty.**

Abroad	Within India	Within Goa
	04	02

11. **Teachers who obtained research degree during the paper:**

M.Phil.	Ph.D.
NIL	01

12. **No. of Teachers pursuing Ph.D.:**05

13. **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
Pinkesh Dhabolkar	Best Paper Award	Swami Vivekanand Vidya Prasarak Mandals College of Commerce, Borim – Goa Date: 20/02/2020
Kalidas Mhamal	3 <sup>rd</sup> prize in Sculpture Section	Kala academic, Goa Date: 26/12/2019

**14. Sports Achievements of students: (Note: Specify only number)**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
Inter-collegiate	3	3	5	11	1	3	1	5
State	6	4	1	11				
Inter-University					1		1	2
National	1		1	2		1		1
<b>Total</b>	<b>10</b>	<b>7</b>	<b>7</b>	<b>24</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>8</b>

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

Name of the student/captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament / Sports event with date	Name of the organizer	Place won 1 <sup>st</sup> / 2 <sup>nd</sup> / 3 <sup>rd</sup>
Miss Divya Sangodkar	Football	West Zone Inter-University Football Championship for Women 2019-20 held at Mumbai.	West Zone Inter-University Association	Gold Medal
Miss Divya Sangodkar	Football	All India Inter-University held at KIIT University, Bhubaneswar from 9 <sup>th</sup> January to 12 <sup>th</sup> January 2020.	All India Inter-University Association	Bronze Medal
Miss Divya Sangodkar	Football	Khelo India University Games, Odisha to be held from 22 <sup>nd</sup> February 2020 to 01 <sup>st</sup> March 2020.	Khelo India, Govt. of India	4 <sup>th</sup> Place

Miss Chaitali Gawas	Athletics (400M Hurdles and 100M Hurdles)	West Zone Athletics Championship held at Rajasthan.	West Zone Amateur Athletic Association	Gold and Bronze
Miss Anjoom D. Sawant Dessai	Judo	All India Inter-University Judo Championship for Women 2019-20 held at Chatrapati Shahu Ji Maharaj University, Kanpur from 22/12/2019 to 24/12/2019.	All India Inter-University Association	Participation
Miss Vaishnavi Parrikar	Judo	Junior National Championship 2019-20 held at Lucknow from 1 <sup>st</sup> to 5 <sup>th</sup> December 2019	All India Judo Association	Participation

#### **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@vmsiihe.edu.in

**College website:** www.vmsiihe.edu.in

**Courses offered, sanctioned and filled strength:** B.Sc. International Hospitality Management, sanctioned: 120; filled: 86

**Any new course(s) started:** M.Jc. International Hospitality and Tourism Management

**Faculty strength: No. only = 13**

##### **Achievements of the college**

1- Our Institute is a member of CHRIE {INTERNATIONAL} and our faculty have an opportunity to present papers at international level.

2. Our institute is recognized as a Social Entrepreneurship, Swachhta & Rural Engagement Development (SIS REC) Institution under MHRD.

Our institute has MOU with;-

1. Dublin Institute of Technology- Ireland (academic support)

2. Universidade de Portugal- Portugal ( student exchange program)

3. Business & management school- Switzerland ( For higher Studies)

### **Publications**

<b>Publications</b>	<b>Cat-I</b>	<b>Cat-II</b>	<b>Cat-III</b>	
	<b>Scopus, Web of Science, ICI indexed journals</b>	<b>UGC recognized</b>	<b>ISSN</b>	<b>Total</b>
SELF JOURNAL OF SOCIAL SCIENCE	1	---	0975-9999	1
RESEARCH PAPER IN JOURNALS	2	1		3

**No. of Teachers pursuing Ph.D: 01**

### **5.45 Ramanata Crisna Pai Raikar School of agriculture, Savoi Verem, Ponda –Goa.**

1. **Year of Establishment: 2016**

2. **College Address: Madhala wada, Savoi – Verem, Ponda – Goa.**

3. **Principal's Details:**

**Name: Shrirang V. Jambhale (In-charge)**

**Contact No: 7588920490**

**Email: rcpragrischool@gmail.com**

**College website: www. rcpragrischool.com**

4. **Courses offered: Advance Diploma (Agriculture)**

**Sanctioned strength: 30**

**Filled strength: 23**

5. **Faculty strength: 05**

6. **Achievements of the College: Only institutional achievements should be mentioned.**

i. **MoU with ICAR – CCARI for Knowledge Sharing and Research Programme.**

ii. **MoU with HAS University, The Netherland for Students Exchange Programme, Knowledge Transfer and Upgradation of Skills.**

iii. **MoU with IDEA, The Netherland for Skill Enhancement in Agriculture and Providing Training.**



## 5.46 St. Joseph Vaz College, Cortalim, Marmagao

15. Year of Establishment: 2017

16. College Address : Church Street, Cortalim, South Goa 403 710 India

17. Principal's Details:

Name: Dr. Maria A. A. R. Fonseca

Contact No: 9422055377 / 2550814

Email: principal@sjvc.ac.in

College website: www.sjvc.ac.in

18. Courses offered, sanctioned and filled strength:

Class	No. of seats sanctioned	No. of seats filled
F.Y.	60	18
S.Y.	60	38
T.Y.	20	12

19. Faculty strength: No. only :13

20. Achievements of the College: Only institutional achievements should be mentioned.

- College participated in 2-day National Event Impetus 2020 at Fr Agnel college Pilar and emerged overall Runners Up at the national Event.
- 18th-21st February 2020 17 students and 2 Faculty members of Botany Dept. were deputed by Dept. of Fisheries, Govt. of Goa to represent Goa at the 2nd Brackish Water Farmers conclave at Surat, Gujrat.
- 1<sup>st</sup> Place in Inter Collegiate News Supplement making competition organized by Fr Agnel College Pilar
- Students secured 3rd Place, National Symposium on Green Chemistry at DMC
- 2<sup>nd</sup> Place in "Shadow Act" competition organized by ABE on the theme "Modern Day Good Samaritan.
- Champions at all Goa Inter Collegiate Mando Competition organized by Govt College Borda in association with Dept. Art and Culture Govt of Goa

21. Conferences/Workshops Organized (No. only)

State Level: 02

22. Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
Nos. only (No. of Papers)	02	Nos. only (No. of Papers)

23. Invited Lectures given by the faculty.

Abroad	Within India	Within Goa
--------	--------------	------------

Nos. only (No. of Lectures)*	Nos. only (No. of Lectures)	07
------------------------------	-----------------------------	----

**24. Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
No. only	Name: Dr. Rita J. Ningappa Subject: Chemistry University : Goa University

## 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

**25. Year of Establishment** : 1972

26. College Address : V.M Salgaocar College of Law, Miramar -Panjim,Goa-403001,India.  
Telephone No: + 91-832-2462225 / Fax: +91-832-421571.

**27. Principal's Details:**

Name : Dr. K.S. RAO  
Contact No :9420596600  
Email :principal@vmslaw.edu.in  
College website :www.vmslaw.edu.in

28. The NAAC accreditation Status (whether accredited, score and Grade, accreditation round) :-Yes, 2.56 on Seven Point Scale & B<sup>+</sup> Grade, III round)

29. Courses offered, sanctioned and filled strength: LL.B(Degree),B.A.LL.B,LL.M & Ph.D.

Research Centre, If any :- Ph.D.

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

30. Faculty strength :- 26

31. Achievements of the College: Only institutional achievements should be mentioned.

### **ORDER OF ACHIEVEMENTS**

1. MOU with GRO- Global Resolution Organization (USA) of 10/11/2018  
Purpose:Organization International Students Competition on Mediation called Lex Infinitum.
2. MOU with Asian School of Cyber Law, Purpose: Jointly conducting the course titled Diploma in Cyber Law.
3. MOU with Saraswat Vidyalaya's Sridora Caculo College of Commerce and Management Studies, Khorlim Mapusa Goa in Association with V.M. Salgaocar College of Law.

**Purpose:**

- a. Sharing of resources and Infrastructure
- b. Organisation of joint activities in research, co-curricular and extra-curricular activities.

**Activities:**

- a. Consumer Protection activities
- b. Legal Aid Activities
- c. Commercial Law
- d. Computer and Information Technology

4. MOU with G R Kare College of Law, Margao Goa ,of 17/10/2019.

**Purpose:**

- a. To promote collaborative research
- b. To facilitate exchange of Faculty
- c. To collaborate for research and to undertake related activities

5. Prabodhan Education Society's Vidya Prabodhini College of Commerce, Education, Computer and Management, Alto Parvari Goa in Association with V.M. Salgaocar College of Law.

**Purpose:**

- a. Sharing of resources and Infrastructure
- b. Academic Development of students and Teachers, institute and Society
- c. Organisation of joint activities like seminars and workshops on IPR Activities:
- d. Consultancy and extension activities

6. MOU with Fusion Institute of Legal Studies and Training Noida.

**32. Conferences/Workshops Organized (No.s only)**

National Level: 1 – National Seminar on concept of Development ,Marginalised Group and Human Rights By National Human Rights Commission in collaboration with the Goa University held on 7<sup>th</sup> February 2020.

International Level (Only if there is participation of at least 10% of Scholars from abroad):

**33. Papers presented in Conferences/Seminars/Workshops:**

Abroad	Within India	Within Goa
07	02	01

**34. Invited Lectures given by the faculty.**

Abroad	Within India	Within Goa
06	16	17

**35. Teachers who obtained research degree during the year:**

M. Phil.	Ph.D.
No. only	<p>Name, Subject, University which awarded Degree</p> <ol style="list-style-type: none"> <li>1. Dr. Priya Onsker, "Law and the Procedure relating to Child Adoption and Guardianship with special reference to Adoption Agencies in State of Goa- Acritical Study, Goa University.</li> <li>2. Dr.Sonal Sardessai- "The Protection of Women from Domestic Violence Act and its Ramifications in the State Of Goa: A socio Legal Studies, By Goa University.</li> </ol>

36. No. of Teachers pursuing Ph.D: 06

**37. 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
1. Kim Couto	Community Engagement Award	Herbert Smith Freehills on 29th August 2019
2. Ashwini Naik	Community Engagement Award	Herbert Smith Freehills on 29 <sup>th</sup> August 2019 Knowledge Steez Legal Aid Award from

3. Legal Aid and Justice Society	Knowledge Steez Award	<p><b>Knowledge Steez, Delhi on 19<sup>th</sup> January 2019.</b></p> <p>In the year 2019-2020 VMSCS Legal Aid Society received the KNOWLEDGE STEEZ LEGAL AID AWARD 2019, presented by Knowledge Steez, New Delhi for VMSCS Legal Aid Society for its commitment in community engagement from January 2019 to November 2020. The award was presented on 19th January, at Malviya Smriti Bhavan, New Delhi, at the 4th National Conference on Human Rights and Gender Justice.</p>
----------------------------------	-----------------------	---

**38. Sports Achievements of Students: ( Note: Specify only number )**

Levels of Competition	Individual Event				Team Event			
	First Place	Second Place	Third Place	Total	First Place	Second Place	Third Place	Total
<b>Inter-collegiate</b>	Taekwondo 1.Kareena Shorodkar (gold),	•Powerlifting 1.Mahabeshwar Toraskar (silver).	1.Mahabeshwar Toraskar (bronze). 2.Judo Akshay Agarwadekar (bronze).	<b>04</b>			1.Badminton Women's team won runners-up. Anushka Kuvelkar, Tanvi Naik , Dianne D'Souza , and Joann D'Costa. 2. Weightlifting Men's team won runners-up. Mahabeshwar Toraskar (gold), Ashish Parsekar (gold), Susheel Surve (silver) Sanket Mahambre	<b>03</b>

							y (bronze) and Shubham Gadekar (bronze). 3.Swimming Women's team won runners-up. Niam Leitao : Breast stroke (silver) and back stroke (bronze).	
<b>State</b>	<b>1</b>			<b>1</b>	<b>Nil</b>	-		
<b>Inter-University</b>			<b>1</b>	<b>1</b>	<b>Nil</b>	-		
<b>National</b>	-	-	<b>2</b>	<b>2</b>	<b>Nil</b>	-		
<b>International</b>	-	-	-	<b>nil</b>	<b>Nil</b>	-		
<b>Total</b>	-	-	-	<b>nil</b>	<b>nil</b>	-		

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

Name of the student/ captain of the team	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer	Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup>
1.Shivani Benaule 2. Amit Birje 3.Ciya Faldessai	Tennikoit Blind Cricket Cricket	(Inter university championship west zone and qualifies for all India inter university cricket championship) (Paras Mal championship trophy 1st edition Rajasthan cricket association for the blind affiliated to cricket association for blind in India.)	1. Gurjat Tennikoit Association On 27 <sup>th</sup> Feb 2020. 2. Rajasthan Blind Cricket Associaton on 20 <sup>th</sup> February 2020. 3. Bharkatullah University Bhopal on 27 <sup>th</sup> December 2019.	2nd 2nd 1 <sup>st</sup>

40. Any other Special Achievements of faculty

**1. University of New South Wales (UNSW), Sydney Australia and VM Salgaocar College of Law (VMSCL) Student Exchange Programme 2019-2020.**

Pursuant to this MOU with UNSW, six students of CRC namely, Vasantha Kotagiri, Shwetha Parulekar, Om D'Costa, Anusha Almeida, Sitaram Joshi and Joslyn D'Souza, visited and resided in the Australian University for 10 days as a part of a student exchange programme from 10th November 2019 to 22nd November 2019. They learnt their laws and participated in discussions and deliberations with research scholars and faculty. Principal Dr. MRK Prasad also accompanied them.

On 6th December 2019, Adv. Emidio Pinho interacted with the members of the CRC. He spoke on procedures of the Children's Court and the JJB and chalked out future activities. As a secondary part of the collaboration and student exchange programme, 10 students from UNSW, Australia along with a faculty, Ms. Anita Will visited VMSCL from 20th January to 30th January 2020. They interacted and had fruitful discussions with VMSCL faculty, Judges, Public Prosecutors, Lawyers and Police Personnel.

**2. Lex Infinitum -2020. Lex Infinitum 2020 Lex Infinitum 2020 was held from 8th to 11th of January 2020 at the V. M. Salgaocar College of Law, Miramar. 24 teams participated in the event out of which 3 were from abroad (2 from Singapore and 1 from Ireland). 31 experts assessed the event including 12 from other countries including USA, UK, Poland, and Germany among others. There were 11 sessions conducted by the experts for the delegates to promote ADR culture and acquaint them with the requisite skills.**

**3. Mediation Musings As a precursor to the event, "Mediation Musings" an interactive session on the theme "Just settle or settle for the just" was held at International Centre of Goa from 5 to 7 p.m. on 7th January 2020. It was in collaboration with the International Centre of Goa. The session was presided over by ADR experts Thomas Valenti, Attorney, Mediator, Dr. M.R.K. Prasad, Principal of V.M. Salgaocar College of Law, Malini Chakraborty, Senior Lawyer and accredited Arbitrator and E. O. Mendes, Attorney. It was open to the general public.**

**4. South India Women Achievers Award to Dr. Ranjana Ferrao as an Outstanding Educator from Syrafills Media & Research Pvt. Ltd. on 2<sup>nd</sup> December 2019.**

**5. .Study of Civil Laws, by School of Law University of Lisbon and V.M. Salgaocar College of Law Dr. M.R.K.Prasad (Principal), V.M. Salgaocar College of Law.,. Dr. Ranjana Ferrao (Director) Civil Law Program and .Dr. Elgar Noronha**

**Faculty from Faculty of Law, University of Lisbon**

**1.Dr. Dario Moura Vicente Chairman of Cooperacao Juridica of Faculty of Law, University of Lisbon**

**2.Dr. Fausto Quadros**

**3.Dr. Sofia Casmiro**

**4.Dr. Daniel Morais.**

**5.49 National Institute of Hydrography, Vasco-da-Gama**

1. **Year of Establishment:** 29 Nov 1978

2. **College Address:** National Institute of Hydrography c/o Headquarters,  
Goa Naval Area Vasco-da-Gama, Goa – 403802

3. **Principal's Details:**

**Name:** Commodore Sajeew K Nair  
**Contact No:** 08322582800/ 8668619602  
**Email:** [info-nih.goa@nic.in](mailto:info-nih.goa@nic.in)  
**College website:** [www.indiannavy.nic.in/nih](http://www.indiannavy.nic.in/nih)

4. **The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** NA (Government Organisation)

5. **Courses offered, sanctioned and filled strength:**

<u>Course offered</u>	<u>Sanctioned Strength</u>	<u>Strength (2019-20)</u>
Post Graduate Certificate in Hydrography	30	15
Post Graduate Diploma in Hydrography		01
Master Of Science in Hydrography		05

6. **Faculty strength:** 09 (Officer Instructors)

8. **Achievements of the College:** Only institutional achievements should be mentioned.

The Long Hydrography and Basic Hydrography courses (which are affiliated to Goa University for award of M.Sc./ PG Diploma/ PG Certificate in Hydrography) have been accorded Certificate of Recognition for a period of six (06) years by the International Hydrographic Organisation (IHO)/ International Board on Standards of Competence of Hydrographic Surveyors and Nautical Cartographers (IBSC) for Category 'A' (Long Hydrography Course) and Category 'B' (Basic Hydrography Course) programmes.

The National Institute of Hydrography, therefore, continues to be the only Institute in India to conduct courses in the field of Hydrography with International Recognition as per the latest standards of competence, details of same are listed below: -



(a) Long Hydrography Course – Awarded Certificate of Recognition against the Standards of Competence for Category “A” Hydrographic Surveyors, S-5A, Edition 1.0.2.

(b) Basic Hydrography Course – Awarded Certificate of Recognition against the Standards of Competence for Category “B” Hydrographic Surveyors, S-5B, Edition 1.01

#### **9. Sports Achievements of Students: (Note: Specify only number)**

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

**Note:** - Being a Defence Institute the staff and trainees participate in sports activities such as cross country, swimming and other sports at various levels conducted by the Indian Navy.

### **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](http://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](http://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](http://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](http://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](mailto:fsimormugaobase@gmail.com)

**Website:** [www.fsi.gov.in](http://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](http://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](http://www.icargoa.res.in)

## **PART 6:**

### **AWARDEES AND RANK HOLDERS**

#### **6.1 Ph. D. Awardees: Faculty Wise List**

<b>FACULTY OF LANGUAGES &amp; LITERATURE</b>				
<b>Sr no.</b>	<b>Candidate name</b>	<b>Title</b>	<b>Subject</b>	<b>Guide</b>
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

<b>FACULTY OF SOCIAL SCIENCES</b>				
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

<b>FACULTY OF NATURAL SCIENCES</b>				
<b>Sr no.</b>	<b>Candidate name</b>	<b>Title</b>	<b>Subject</b>	<b>Guide</b>
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 Scinece	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 the India Ocean	Marine Science	Dr. P. Vethamony
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)