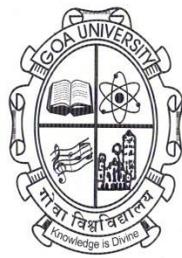


XXX ANNUAL REPORT

June 2014- May 2015



GOA UNIVERSITY
TALEIGAO PLATEAU
GOA 403 206



GOA UNIVERSITY

CHANCELLOR
Smt. Mridula Sinha

VICE-CHANCELLOR
Dr. S. R. Shetye

REGISTRAR
Prof. V. P. Kamat

CONTENTS

FROM THE VICE- CHANCELLOR'S DESK	5
INTRODUCTION	9
PART 1: UNIVERSITY AUTHORITIES AND BODIES	
1.1 Members of Executive Council	10
1.2 Members of University Court	11
1.3 Members of Academic Council	13
1.4 Members of Planning Board	15
1.5 Members of Finance Committee	16
1.6 Deans of Faculties	16
1.7 Officers of the University	17
1.8 Other Bodies/Associations and their Composition	17
1.9 Meetings of University Bodies	18
PART 2: UNIVERSITY DEPARTMENTS/ CENTRES / PROGRAMMES	
2.1 Faculty of Languages & Literature	19
2.2 Faculty of Social Sciences	32
2.3 Faculty of Natural Sciences	49
2.4 Faculty of Life Sciences & Environment	76
2.5 Faculty of Management Studies	98
2.6 Faculty of Commerce	102
2.7 Centre for the study of Social Exclusion and Inclusive Policy(CSSEIP)	107
2.8 Innovative Programmes	108
2.8.1 Research and Development and ResourcesMobilisation Cell (RDRM)	108
2.8.2 Remote Sensing Laboratory (RSL)	108
2.8.3 Study India Programme	109
2.8.4 Extra Mural Studies and Extension Services (EMS & ES)	109
2.8.5 Earth Science and Technology Cell (ESTC)	111
2.8.6 Distance Education, Information and Training Infrastructure(DEITI)	112
2.8.7 Microdata station	113
2.9 National Service Scheme	113
2.10 Visiting Chair Research Professors Programme (VRPP)	114
PART 3: AWARDEES AND RANK HOLDERS	
3.1 Ph.D. Awardees	118
3.2 List of Rankers	125

PART 4: GENERAL ADMINISTRATION

4.1	General Information	133
4.2	Computerisation and IT Infrastructure	135
4.3	Library	135
4.4	Sports	137
4.5	Directorate of Students' Welfare & Cultural Affairs	140
4.6	Career Counselling and Placement Cell (CC&PC)	140
4.7	U.G.C. Academic Staff College	139
4.8	Health Centre	141
4.9	College Development Council	142
4.10	Hostels	147

PART 5: AFFILIATED COLLEGES & RECOGNISED INSTITUTIONS

General Education Colleges	150
Professional Colleges	191
Recognised Institutions	227

PART 6: STUDENTS STRENGTH

6.1	Students Strength at PG Level: University Departments	229
6.2	Students strength at UG Level(Professional)	230
6.3	Students Strength at UG Level (Non Professional)	231
6.4	Students Strength (Total)	232

From the Vice-Chancellor's Desk



It is with great pleasure that we are releasing the Annual Report 2014-15 that summarizes the progress of the university during the year. Given below are some highlights of the year.

When the academic year 2014-15 started we added two new teaching programmes, both at Master's level, one in Biochemistry with an intake of 20 and the other in Library and Information Studies with an intake of 15. The total intake in our programmes on the main campus of the university thus stood at 945, marking an increase of over 70% from the intake three years ago. We believe that this increase was necessary to justify our status as the only university of the state and hence need to provide adequate facility of post-graduate education in the fields covered on this campus. Following this increase we now need to embark upon a process of consolidation to sustain quality in the programmes. I will return to this topic shortly.

An important event for the university's central campus during the year was the exercise for accreditation by the National Assessment and Accreditation Council (NAAC). During July 7-11, 2014, a 8-member Peer Team of academics drawn from Indian universities visited the university and held consultations with a cross section of all those associated with the university, including Principals of affiliated colleges, member of the

NAAC TEAM MEMBERS	ACTIVITIES ON THE CAMPUS	EVALUATION CRITERIA
1. Prof. A. P. Padhi Former VC, Berhampur University 2. Prof. Deepak Chandra Srivastava IIT, Roorkee 3. Prof. A. K. Misra NEHU, Shillong Meghalaya 4. Prof. P. Geetha, M.G. University, Kerala 5. Dr. B.S. Ghuman Panjab University, Chandigarh 6. Dr. (Mrs.) Dhulasi B Varadarajan Madurai Kamaraj University 7. Prof.M.C. Sharma University of Rajasthan, Jaipur	Day 1 - Meeting with Vice-Chancellor and visit to Departments. Day -2 - Visit to the Departments, discussion with IQAC members, interaction with Students, Alumni and parents. Day 3 - Visit to Library and physical education facilities, interaction with University Officers, Principals of affiliated Colleges, visit to NCC, NSS, administrative and Finance Section Day 4 - Report writing, sharing the report with the Vice-Chancellor and exit meeting.	1. curricular aspects; 2. teaching-learning and evaluation; 3. research, consultancy and extension; 4. infrastructure and learning resources; 5. student support and progression; 6. governance leadership and management; 7. innovations and best practices
	NAAC SCORES	
	2001 March GRADE ****	
	2009 March B GRADE 2.60	
	2014 September A GRADE 3.09	
The new accreditation from NAAC placed Goa University in 18th position among all central and state universities in the country and 12th among state universities.		

Executive Council of the university, students, faculty, administrators and the Chief Minister of the State. The decision of the Council based on the inputs received from the Peer Team was announced on 24 September 2014. Goa University received the grade 'A'. This grade, the highest amongst the grades that the accreditation body awards, is an improvement over the grade B that was awarded to us in 2009. The new grade comes as a morale booster to our students and faculty across the state. We expect the immediate beneficiaries of the new rating to be our new and recent graduates who are seeking employment. Their degrees are now linked to a university that is recognized amongst the most respected of the 600+ universities of the country. The new grade is valid for the next 5 years till the year 2019.

Goa University is keenly aware of the responsibilities that this recognition brings. We now have on hand the task to stabilize and consolidate the systems that were put in place during the last few years to enhance quality and governance across the university.

During the academic year 2013-14 the university launched its Visiting Research Professorship Programme with 6 professorships named after 6 illustrious sons of Goa with funding from the Department of Art and Culture, Government of Goa. Under this programme headed by its Honourary Director Dr. Maria Couto the university invites scholars to lecture or to conduct any creative activity that adds to our standing as a place for innovation and education. The programme is open to both enrolled students and others interested in the activity proposed by a visiting professor. Under the programme during the last year we saw formation of a University Choir, creation and installation of a sculpture on our campus, a debate on mining that brought together all points of view on one forum, in addition to lectures on history, art history, literature, economics, music and environment. These activities have brought visibility and good will to the university. In the last few months we enlarged the scope of these professorships to have distinguished persons to teach regular courses on our campus. Well known Konkani writer Adv. Uday Bhembre now teaches in the Department of Konkani as Bakibab Borkar Chair Professor. Distinguished Marathi literary figure, Prof. Bhalchandra Nemade, was appointed in the Department of Marathi as Sant Sohirobanath AMBIYE Chair Professor.

In the last one year the university saw its first autonomous college come into being. Shrimati Parvatibai Chowgule College of Arts and Science, Madgao, one of the two colleges that launched the modern higher education system in the state in 1962, became a college that now enjoys full academic autonomy to prepare students as graduates of Goa University. The freedom that this recognition brings to the college is essential to take our education system to its next level of performance. I wish the college all the best in the years ahead and sincerely hope that the college will become a model for others to emulate.

The university also took its first concrete steps and signed an agreement to launch a fully computerized university management system that we believe will enhance the quality of our governance considerably.

The university last year put in place an ordinance for setting up of community colleges. This is an important development and a part of the national movement that aims at enhancing skills available with our country's manpower, particularly its youth. We look forward to use of this ordinance both on our campus, in our affiliated colleges, and in institutions of learning across the state that can impart skills to enhance employability and career growth.

Let me now step a little beyond this immediate task and take a look at the future. The social and political system in this beautiful and small state with a unique history needs to arrive at a consensus on an action plan to sustain long-term health of the university. The consensus has to be arrived at through public discussion and with full awareness that health of the university will almost certainly play the most important factor on the competence of our future generations to stand on their own in employment market and to make a mark in the world as productive citizens. This, in turn, will define the character of the state. Let me share with you some thoughts and concerns regarding future of the university in three domains: faculty, infrastructure, and resources.

The core competence of any university is determined by quality of its faculty. Therefore, whether or not the university will be able to sustain improvement in its quality of education will depend critically on our practices for choosing teachers and researchers. During the last one year we found that getting good faculty is by no means an easy task. The country is today facing an acute shortage of manpower with excellence in teaching and research, particularly at senior positions. There is also a complicated and not explicitly stated maze of administrative regulations, court orders and traditions that need to be complied with for appointments. We became painfully aware of the maze during the faculty recruitment exercise conducted last year, the first such exercise after a gap of a number of years. It was a learning experience that should come handy in such exercises in future. We need to put in place a better defined system for building faculty. We also need to look at ways and means by which qualified people who cannot be on our rolls as permanent employees can teach at the university for the benefit of our students. We need to explore all such possibilities to ensure that our students have access to the best faculty possible under the realities of today.

My second concern revolves around building of infrastructure that is required to upgrade our education system by bringing in new programmes. For our youth to remain competitive in national and global arena we need a mechanism that grabs opportunities as they evolve in the fast changing environment of the 21st century. This means being able to open new programmes, reorganize others, put in place faculty to teach them, and create laboratories and other infrastructure demanded by the programmes. Invariably we need adequate physical infrastructure to sustain such evolution; we need a campus that creates appropriate environment for our youth. Today our campus of well over 400 acres sits amidst one of the most valuable land in the state. As it happens elsewhere in the world, public land is often eyed for both public and private good. The university will be able to withstand the pressures on its land only if it has a well thought out campus development plan. We need to put in place such a master plan.

Third, any rejuvenation of the campus will require resources. We need to arrive at a consensus on how to put these in place. How much of the required resources should come from the state, how much from the private sector, how much from philanthropists and alumni. It is a difficult but manageable task, and certainly not something that will put undue stress on the economy of the state.

There is every reason to believe that each of the three tasks outlined here to ensure a healthy future for the university is implementable. More importantly they are implementable without violating any of the laws of the land and within the resources of our state. What we need is the resolve to make things work. Implementation will require powers that are beyond what the university possesses. Therefore, I suggest that

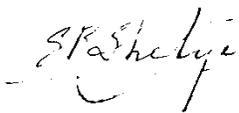
Government of Goa in association with the university set up three task teams of concerned citizens of the state, dedicated to creation of a plan of action on the three tasks I mentioned: faculty, infrastructure and resources. We owe it to our youth. Future generations will be grateful that our generation stood up for them. Let us also be aware that they may not take it kindly if we fail. That is how important higher education is in the 21st century.

During the last couple of years it has been our privilege to discuss the future of the university with a wide cross section of citizens concerned about our higher education system. Many of the systems we were able to put in place arose from such discussions. The three tasks I just outlined and the ways to address them arose out of our discussions with one of the most respected sons of Goa, Padma Vibhushan and Gomant Vibhushan Architect Charles Correa. I am indeed grateful to him for his advice and for his interest in the university.

The 27th Annual Convocation of Goa University was held on 23rd January 2015. Presided over by Honourable Chancellor of Goa University, Dr. Mrudula Sinha, the Chief Guest on the occasion was Prof. S. Parasuraman, Director, Tata Institute of Social Sciences, Mumbai. The convocation marked the conferment of Bachelor's degrees on 7,486 graduates, Master's degrees on 1,292 postgraduates, and the degree of Doctor of Philosophy on 44 doctorates. In addition, there were 171 recipients of postgraduate diplomas. Altogether 8,993 become recognized as graduates, post-graduates, postgraduate diploma holders and doctorates of Goa University. They included recipients of awards, 68 Gold Medals, 55 Prizes and 25 Certificates of Merit that were awarded in recognition of their excellence.

Of the 191 sanctioned faculty positions, 108 were occupied by the end of 2014-15. An important task for us is to fill the remaining positions. We have approached appropriate agencies of Government of Goa to initiate this process. The existing faculty had during the year 30 ongoing research projects. The faculty published 151 papers in peer-reviewed journals, including 83 in journals that carry Impact Factor (IF). The average IF of the 83 publications was 2.167.

On the whole, this has been a good year for the university, particularly with NAAC giving us Grade-A. This progress the university made has been possible because of the all-round support we have received from faculty, staff, students, and the Government of Goa. I would like to take this opportunity to express my deep gratitude to them all.



Dr. S. R. Shetye
Vice Chancellor

INTRODUCTION

Since its inception in 1985 the Goa University has maintained a trajectory of steady and sustained growth. The Goa University's growth has been remarkable in terms of its infrastructure, Departments, new courses and programmes, the number of affiliated colleges and recognized institutions.

The Annual Report of the University attempts to portray the 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 and in the affiliated institutions highlighting on 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. We wish the Annual Report 2014-15 would exhibit the academic culture of Goa University and its affiliated colleges.

We thank, Dr. Satish Shetye, the honourable Vice-Chancellor of Goa University for his guidance, constant support and encouragement. We are thankful to the Heads of the Departments and Principals of affiliated Colleges for providing the committee the information included in this report. The Committee would like 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 thank all those who have contributed in making and publishing of this Annual Report.

Editorial Committee

P. K. Sudarsan	Convenor,
R. Fernandes	Member
Jyoti Pawar	Member
A. A. A. Viegas	Member
Nilesh Borde	Member

PART I:

UNIVERSITY AUTHORITIES AND BODIES

1.1 Members of the Executive Council

Chairman

Dr. S. R. Shetye , Vice-Chancellor(Ex-officio)

Nominees of the Chancellor

Dr. Tribhuvan Shukla, Sahitya Academy, Madhya Pradesh

Prof. Peter Ronald De Souza, ME3 Sah Vikas Apts, New Delhi

Dr. (Smt.) Maria Aurora Couto,1037, Sonctem, Carona, Bardez, Goa.

Shri Dattaraj V. Raj Salgaocar, Salgaoncar House, Vasco-da-Gama, Goa.

Dr. Rita Paes, Principal, Nirmala Institute of Education, Altinho, Panaji, Goa.(upto -31/7/14)

Adv. Carlos Alvares Ferreira, Near Head Post Office, Panaji.(upto -31/7/14)

Shri Suresh Amonkar, Ex. Trustee of New Goa Edc.Trust, Mapusa.

Nominees of the State Government

Adv. Narendra Savaikar, Ponda, Goa.(upto -10/03/14)

Advt. Juino De Souza

Shri Ramchandra (Dinar) Bhatkar, Panaji, Goa.

Shri Sudesh Gaude, House No.134, Gauthan, Khandepar, Ponda, Goa

Prof. Datta Bhikaji Naik, Porvorim, Bardez, 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

Dr. Mahesh Sardesai, Dean, Faculty of Medicine, Goa Medical College, Bambolim

(upto 04/3/14)

Prof. Saroj Bhosle (from 5/3/2014 to 31/07/2014)

Prof. Y. V. Reddy, Dean, Faculty of Commerce, Goa University. (upto -31/7/14)

Shri Pravin M. Bhende, Principal, GVMs College of Commerce & Economics, Ponda. .(upto -31/7/14)

Prof. A. V. Salker, Department of Chemistry, Goa University. (upto -31/7/14)

Dr. Pradeep Naik, Dean, Faculty of Medicine, Goa Medical College, Bambolim, Goa

Dr. N. Shyam Bhat, Dean, Faculty of Social Sciences, Goa University

Dr. (Fr.) Walter Desa, Principal, St. Xavier's College of Arts, Science & Commerce

Mapusa, Bardez, Goa

Prof. B. F. Rodrigues, Department of Botany, Goa University.

The Registrar, Goa University, Member Secretary (Ex-officio)

1.2 Members of the University Court

Chairman

Dr. S. R. Shetye , Vice-Chancellor(Ex-officio)

Nominees of the Executive Council

Deans of Faculties

Prof. N. S. Bhat, Dean, Faculty of Social Sciences (upto31.07.2014)

Prof. Y. V. Reddy, Dean, Faculty of Commerce

Prof. Nandakumar Mekoth, Dean, Faculty of Management Studies (upto31.07.2014)

Prof. Rajesh B. Lohani, Dean, Faculty of Engineering, Goa College of Engineering, Farmagudi, Goa (upto 31.07.2014)

Shri Arun S. Nadkarni, Dean, Faculty of Law, G R Kare College of Law, Margao (upto 31.07.2014)

Prof. M. K. Janarthanam, Dean Faculty of Life Sciences & Environment (from 01/08/2014)

Prof. A. V. Salkar, Dean, Faculty of Natural Sciences (from 01/08/2014)

Prof. Pradeep Naik, Dean, Faculty of Medicine (from 01/08/2014)

Shri M. V. Vengurlekar, Dean, Faculty of Performing, Fine Art & Music (from 01/08/2014)

University Professors

Prof. P. K. Sharma, Department of Botany (upto 31.07.2014)

Prof. P. R. Rao, Department of Computer Science & Technology (upto 31.07.2014)

Prof. Sarita Nazareth, Department of Microbiology (upto 31.07.2014)

Prof. M. K. Janarthanam, Department of Botany (upto 31.07.2014)

Prof. H. B. Menon, Department of Marine Science (upto 31.07.2014)

Prof. P. K. Sudarsan, Department of Economics (from 01.08.2014)

Prof. S. K. Shyama, Department of Zoology (from 01.08.2014)

Prof. V. S. Nadkarni, Department of Chemistry (from 01.08.2014)

Prof. Sanjeev Ghadi, Department of Biotechnology (from 01.08.2014)

Prof. Kaustub Priolkar, Department of Physics (from 01.08.2014)

Principles of Affiliated Colleges

Mrs. Carol Noronha, Institute of Nursing Education, Bambolim, Goa. (31.07.2014)

Dr. Gopalkrishna Rao, Goa College of Pharmacy, Panaji, Goa. (31.07.2014)

Dr. (Sr) Aradhana A. C. Carmel College of Arts, Science & Commerce for Women, (31.07.2014)

Dr. Anura Bale, Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda. (31.07.2014)

Rev. Fr. Jose Walter Benigno, St. Xavier's College of Arts, Science & Commerce. (31.07.2014)

Dr. (Smt.) Radhika Nayak, S.S. Dempo College of Commerce & Economics, Panaji

Dr. Anita Spadigam, Goa Dental College & Hospital, Bambolim

Dr. Prita Mallya, Damodar College of Commerce & Economics, Margao

Dr. Geeta Mahadevan Iyer, PES College of Education, Farmagudi, Ponda

Dr. Santosh Patkar, Saraswat College of Commerce & Management Studies, Mapusa.

Elected Members

Dr. Anthony P. Rodrigues, Fr. Agnel College of Arts & Commerce, Pilar, Goa (31.07.2014)

Dr. Nagesh Colvalkar, V. M. Salgaonkar College of Law, Miramar, Panaji, Goa. (31.07.2014)

Dr. Jude Rodrigues, Goa Medical College, Bambolim, Goa. (31.07.2014)

Dr. Madhu Ghodkirekar, Goa Medical College, Bambolim, Goa(31.07.2014)

Dr. B. P. Sarath Chandran, Shree Damodar College of Commerce & Economics, Margao-Goa. (31.07.2014)
Mrs. Tanya Marchon e Mascarenhas, Rosary College of Commerce & Arts, Navelim (31.07.2014)
Shri B. R. Kulkarni, Goa College of Engineering, Farmagudi, Goa (31.07.2014)
Dr. Tushar S. Anvekar, St. Xavier's College of Arts, Sci. & Commerce, Goa (31.07.2014)
Dr. Vidhyadatta M. Shet Verenkar, Department of Chemistry, Goa University (31.07.2014)
Dr. Koshy Tharakan, Department of Philosophy, Goa University (31.07.2014)
Dr. Sanjeev C. Ghadi, Department of Biotechnology, Goa University (31.07.2014)
Dr. Daisy John, Goa College of Home Science, Panaji
Dr. Arun B. Joshi, Goa College of Pharmacy, Panaji
Dr. Ketan S. Govekar, Dempo Charities Trust's Dhempe College of Arts & Science Miramar, Goa
Mrs. Manjiri M. Barve, Dempo Charities Trust's Dhempe College of Arts & Science Miramar, Goa
Mrs. Meenakshi Bawa, MES College of Arts & Commerce, Zuarinagar, Goa
Shri. Ramlal S. Vernekar, CES College of Arts & Commerce, Cuncolim, Goa
Mrs. Gulab A. Borkar, GVM's College of Commerce & Economics, Farmagudi, Ponda, Goa
Dr. Dadapir M. Jakatti, St. Xavier's College of Arts, Science & Commerce Mapusa, Goa
Dr. Rahul Tripathi, Department of Political Science
Dr. Sandeep Garg, Department of Microbiology
Shri Ramdas Nagesh Naik Karmali, Department of Computer Science & Technology

Nominees of the Executive Council

President /Chairman, Dhempe Charities Trust, Dempo House, Panaji, Goa.(upto31.07.2014)
President /Chairman, Xaverian Educational Society, Pilar, Goa. (upto 31.07.2014)
Chairman, Goa University Student's Council Goa University.
President / Chairman, Chowgule Education Society Vasco Goa
President / Chairman, Diocesan Education Society, Panaji Goa

Nominees of the Chancellor

Padma Vibhushan Dr. Anil Kakodkar, Dept. of Atomic Energy Commission, Mumbai.
Prof. N. Balakrishnan, Associate Director, SERC, IISc, Bangalore – 560 012. (upto31.07.2014)
Shri Nitin Kunkolienkar, Former President of GCCI, C-25, Dona Paula, Goa. (upto31.07.2014)
Shri GeradD'Cunha, Architect, Porvorim, Goa. (upto31.07.2014)
Shri Shatrughan Prasad, B-3, Tribhuvan Vinayak Residence, Budha Colony, Patna – 1
Fr. Romualdo D'Souza, Xavier Institute of Historical Research, B.B. Borkar Road, Porvorim, Bardez, Goa
Shri Ramnath Kare, Kare Group of Companies, Kare House, Margao Goa

Nominees of the State Government

Dr. Seetaram V. Korgaonkar, Medical Practitioner, Porvorim, Bardez, Goa.
Prof. Govind Parvatkar, Porvorim, Bardez, Goa.
Adv. (Ms.) Roshan Samant, Mapusa, Bardez, Goa.
Mrs. Nayana Nitin Bandekar, Vasco-da-Gama, Goa.

Representative of Non-teaching Staff

Shri M. Chakraborty, Head, Computer Centre, Goa University (upto 31/07/2014)
Shri Milton Fernandes, Asstt. Director of Sports & Physical Education
Goa University
Registrar, Goa University (Ex-officio)- Member Secretary

1.3 Academic Council

Chairman

Dr. S. R. Shetye , Vice-Chancellor(Ex-officio)

Deans of Faculties

Dean, Faculty of Language & Literature(Ex-officio)
Dean, Faculty of Performing, Fine Art & Music (Ex-officio)
Dean, Faculty of Social Sciences (Ex-officio)
Dean, Faculty of Natural Sciences (Ex-officio)
Dean, Faculty of Medicine (Ex-officio)
Dean, Faculty of Engineering (Ex-officio)
Dean, Faculty of Law (Ex-officio)
Dean, Faculty of Life Sciences & Environment (Ex-officio)
Dean, Faculty of Commerce (Ex-officio)
Dean, Faculty of Management Studies (Ex-officio)
Dean, Faculty of Design (Ex-officio)
Dean, Faculty of Education (Ex-officio)

University Professors

Prof. (Ms.) Irene Furtado, Department of Microbiology (upto 31/07/2014)
Prof. Somayaji Ganesha, Department of Sociology (upto 31/07/2014)
Prof. A. G. Chachadi, Department of Earth Science (upto 31/07/2014)
Prof. Santosh G. Tilve, Department of Chemistry (upto 31/07/2014)
Prof. S. M. Tadkodkar, Department of Marathi (upto 31/07/2014)
Prof. (Smt.) Kiran Budkuley, Department of English
Prof. Pranab Mukhopadhyay, Department of Economics
Prof. Ramesh Pai, Department of Physics
Prof. Sarita Nazareth, Department of Microbiology
Prof. K. Mahender, Department of Earth Sciences

Principals of Affiliated Colleges

Dr. Radhika Nayak, S.S. Dempo College of Commerce & Economics, Altinho (upto 31/7/2014)
Dr. Gopalkrishna Rao, Goa College of Pharmacy, Panaji, Goa (upto 31/7/2014)
Dr. Ida de Noronha de Ataide, Goa Dental College & Hospital, Bambolim, Goa (upto 31/7/2014)
Dr. R. V. Gaonkar, Smt. Parvatibai Chowgule College of Arts & Science, Margao (upto 31/7/2014)
Dr. Simao Diniz, Rosary College of Commerce & Arts, Navelim (upto 31/7/2014)
Shri Bhaskar Nayak, Govt.College of Arts, Science & Commerce, Quepem (31/7/2014)
Dr. Anil S. Dinge, Principal, Ponda Education Society's College of Arts and Science. (31/7/2014)

Shri Santosh B. Patkar, Saraswat College of Com. & Management Studies, Mapusa.
(31/7/2014)
Dr. V. Mariappan, Agnel Institute of Technology & Design, Assagao, Bardez, Goa.
(31/7/2014)
Dr. Yasmin Modassir, Dempo Charities Trust's, Dhempe College of Arts & Science
Mrs. Carol Noronha, Institute of Nursing Education, Bambolim, Goa
Dr. Anita Spadigam, Goa Dental College & Hospital, Bambolim, Goa
Dr. (Sr.) M. Aradhana, Carmel College, Nuvem, Salcete, Goa
Dr. Prita Mallya, Damodar College of Commerce & Economics, Margao
Dr. V. N. Shet, Goa College of Engineering, Farmagudi, Ponda Goa
Dr. Geeta Mahadevan Iyer, PES College of Education, Ponda, Goa
Dr. D. B. Arolkar, D.M.'s College of Arts, Science & Commerce, Assagao, Bardez, Goa
Dr. (Fr.) Walter Desa, St. Xavier's College of Arts, Science & Commerce, Mapusa

University Teachers

Dr. V. S. Nadkarni, Department of Chemistry (31/7/2014)
Dr. Koshy Tharakan, Department of Philosophy (31/7/2014)
Dr. Aftab A.S. Can, Department of Marine Science (31/7/2014)
Dr. Rahul Tripathi, Department of Political Science (31/7/2014)
Dr. Nandakumar M. Kamat, Department of Botany(31/7/2014)
Dr. M. S. Dayanand, Department of Management Studies
Dr. Nagendra Rao, Department of History
Shri Prakash Pariekar, Department of Konkani
Dr. Jivan Parab, Department of Electronics
Dr. Kunhanandan Mailattu, Department of Mathematics

Representative of SC/ST Category

Shri Prakash Shankar Velip
Ex-MLA of Quepem Constituency, Quepem Town, Goa.

Elected Members

Shri Nikhil Madhukar Varerkar, S.S. Dempo College of Com.& Economics,
Altinho(31/7/2014)
Dr. Anthony P. Rodrigues, Fr. Agnel College of Arts & Commerce, Pilar, Goa(31/7/2014)
Dr. Ketan Govekar, Dhempe College of Arts & Science, Panaji, Goa. (31/7/2014)
Dr. Sanjay P. SawantDessai, Shree Damodar College of Com. & Eco., Margao, Goa.
(31/7/2014)
Dr. Debasish Mazumdar, Smt. Parvatibai Chowgule College of Arts & Science. (31/7/2014)
Dr. Jeronimo G. RemigioMonteiro, PESs Shri Ravi S. Naik College of Arts & Science
(31/7/2014)
Dr. Vikas Jivottam Pissurlekar, PESs Shri Ravi S. Naik College of Arts & Science (31/7/2014)
Shri Rajasekhar Bathini, St. Xavier's College of Arts, Science & Commerce, Mapusa
(31/7/2014)
Shri Amrut Fati Naik, DM's College of Arts, Science and Commerce, Assagao(31/7/2014)
Dr. Manjusha Jindal, Goa Medical College & Hospital, Bambolim, Goa.
Dr. Deepali V. Churi, S.S. Dempo College of Commerce & Economics, Altinho, Panaji, Goa
Dr. Daisy John, Goa College of Home Science,Campal, Panaji, Goa.
Dr. Juao C. Costa,Rosary College of Commerce& Arts, Navelim, Salcete, Goa.
Dr. B. P. Sarath Chandran,Shree Damodar College of Commerce & Economics, Margao Goa
Dr. C. P. Hiremath, Shree Mallikarjun College of Arts & Commerce, Canacona Goa

Shri Gurunath P. Prabhu Khanolkar, P.E.S. S.R.S.N. College of Arts & Science, Farmagudi, Ponda, Goa.

Shri. Parmanand J. Mandrekar, St. Xavier's College of Arts, Science & Comm, Mapusa, Goa

Shri. Neville Menezes Gama, D.M.'s College of Arts, Science & Commerce

Assagao, Bardez, Goa

NOMINEES OF THE CHANCELLOR

Fr. Romualdo D'Souza, Xavier Institute of Historical Research, Porvorim, Goa (upto 31/7/2014)

Prof. V. Shivkumar, No. 16, 1st Street, Sriram Nagar, East Tambaram, Chennai – 73 (upto 31/7/2014)

Smt. Nandini Sardesai, D-1, Corinthian, Opp. Fariyas Hotel, Colaba, Mumbai-5 (upto 31/7/2014)

Smt. Pallavi Dempo, Chairman, Dhempe College of Arts & Science, Miramar, Panaji (upto 31/7/2014)

Shri P. F. X. D'Lima, Director, Goa Institute of Management, Sanquelim, Goa (upto 31/7/2014)

Dr. Malti, C-3, 161 A- Janakpuri, New Delhi – 110058

Prof. Errol D'Souza, Indian Institute of Management, Vastrapur, Ahmedabad, Gujarat 380 015

Shri P. F. X. D'Lima, Former Director of Goa Institute of Management, Dona Paula Goa.

Smt. Pallavi S. Dempo, Chairperson, Dhempe College of Arts & Science, Miramar, Panaji, Goa.

Shri M. S. Kamat, Retd. Principal of MES College, Porvorim, Goa

The Director, National Institute of Oceanography, Dona Paula, Goa, Ex-officio

Chairman, Goa Board of Sec. & Higher Secondary Examination, Porvorim, Ex-officio

Librarian, Goa University, Ex-officio

Registrar, Goa University, Member Secretary, Ex-officio (Member Secretary)

1.4 Members of the Planning Board

Chairman

Dr. S. R. Shetye, Vice-Chancellor (Ex-officio)

Nominees of the Executive Council

Prof. H. B. Walikar, Vice Chancellor, Karnataka University. (upto 31/07/2014)

Vice Chancellor, M. S. University, Vadodara

Prof. Y. V. Reddy, Dean, Faculty of Commerce

Shri Rajendra Arlekar, Hon. Speaker, Goa Legislative Assembly, Vasco

Nominees of the Vice-Chancellor

Advt. Narendra Savaikar, Jai Mahalaxmi Housing Society Ltd, Ponda. (upto 31/07/2014)

Shri P. F. X. D'Lima, Former Director, Goa Institute of Management, Sanquelim.

Dr. D. B. Arolkar, D. M's College of Arts, Sc. & Commerce, Assagao, Bardez (upto 31/07/2014)

Dr. Pradeep Naik, Dean, Faculty of Medicine,

Dr. Allan Abreo, G.V.M.'s College of Education

Nominees of the Chancellor

Prof. Suhas P. Sukhatme, Former Director of IIT, Mumbai

Nominee of the University Grants Commission

Dr. Sandeep Khanna, Defence Colony, New Delhi.(upto 31/07/2014)

Prof. W. Rajendra, Vice-Chancellor, Sri Venkateswara University, Tirupati – 517 502

Ex-Officio Member Secretary

Registrar, Member Secretary (Ex-Officio)

1.5 Members of the Finance Committee**Chairman**

Dr.S. R. Shetye, Vice-Chancellor (Ex-Officio)

Nominee of the Chancellor

Shri Raghuvir K. Pikle, Chartered Accountant, Govinda Building, Panaji

Nominees of the Executive Council

Shri Dattaraj V. Raj Salgaocar, Managing Director, V. M. Salgaocar & Bro. Pvt. Ltd.

Vasco-da-Gama, Goa (upto 31/07/2014)

Shri Ramchandra (Dinar) B. Bhatkar, Panaji-Goa.

Shri Rajendra Bhobe, Chartered Accountant, EDC Complex, Panaji

Members

Registrar, Goa University (Ex-Officio)

Secretary, Higher Education, Government of Goa (Ex-Officio)

Secretary (Finance), Government of Goa (Ex-Officio)

Dean, Faculty of Commerce/Management (Ex-Officio)

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

1.6 Deans of Faculties

Professor Ravindranath S. Mishra, Languages & Literature, w.e.f.9/12/2011 to 08/12/2014, for a period of three years

Professor Kiran Budkuley, Languages & Literature, w.e.f 9/12/2014 to 08/12/2017, for a period of three years

Professor N. S. Bhat, Social Sciences, w.e.f. 01/01/2013 to 31/12/2015 for a period of three years

Professor A.V. Salker, Natural Sciences, w.e.f. 05/05/2014 for a period of three years

Professor (Smt.) Saroj N. Bhosle, Life Sciences & Environment, w.e.f.12/08/2013 to 31/10/2014

Professor Malapati K. Janarthanam, Life Sciences & Environment, w.e.f.01/11/2014 for a period of three years

Professor Yeruva Venkata Ramana Reddy, Commerce, w.e.f. 13/09/2011 to 31/05/2015

Professor Nandakumar Mekoth, Management Studies, w.e.f. 02/08/2010 to 31/05/2015

Professor Pradeep Naik, Medicine, w.e.f. 01/03/2014 for a period of three years

Dr. Rajesh B. Lohani, Engineering, w.e.f.19/04/2012 to 21/09/2014

Professor K.G. Guptha, Engineering, w.e.f. 22/09/2014 to 23/08/2015

Shri Arun S. Nadkarni, Law, w.e.f.11/06/2012 to 31/05/2015

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

Vice-Chancellor, Design, ----

Vice-Chancellor , Education, Till 13/08/2014

Dr. Allan Abreo, Education, w.e.f. 14/08/2014 for a period of three years or till cessation of his occupying the office of the Principal whichever is earlier.

1.7 Officers of the University

Dr. Satish R. Shetye, Vice-Chancellor
Prof. V. P. Kamat, Registrar
Shri. Uttam B. Naik, Finance Officer
Dr. Gopakumar V., Librarian
Shri. M. Shreedhara, Dy. Registrar (Administration)
Shri. Donald A. E. Rodrigues, Dy. Registrar (Academic)
Shri. M. Chakraborty, Head, Computer Centre
Shri. Sanjay Bandodkar, System Analyst
Shri. Anselmo A. T. H. Rosa, System Analyst
Shri. Damodar M. Manjrekar, Programmer
Shri. V. L. Sawkar, University Engineer
Shri. Amit Srivastava, Executive Engineer
Shri. Sangam Talaulikar, Asstt. Engineer
Shri. Rajnikant Parsekar, Asstt. Engineer
Shri. Sachin G. Narvekar, Asstt. Engineer
Shri. Milton Fernandes, Asstt. Director P. E. & Sports
Dr. Patricia Sequiera, Medical Officer
Shri. Leo V. Macedo, Controller of Examinations
Shri. Alberto Fernandes, Asstt. Registrar
Smt. Bertha T. A. D'Mello e Daniel, Asstt. Registrar
Smt. Sita Sara Figueiredo, Asstt. Registrar
Smt. Maya R. Sawant, Asstt. Registrar
Shri. Ashok J. Nagarsekar, Asstt. Registrar
Smt. Sharayu J. Chari, Asstt. Registrar
Smt. Maya S. Gaitonde, Asstt. Registrar
Smt. S.S.S. Neurekar, Asstt. Registrar
Shri Amey Verenkar, Asstt. Registrar
Shri Kedar Naik, Asstt. Registrar

1.8 Other Bodies/Associations and their Composition

Goa University Teachers' Association (GUTA)

Dr. V. M. Verenkar, <i>President</i>	Prof. Koshy Tharakan, <i>Vice- President</i>
Dr. Rahul Tripathi, <i>Secretary</i>	Prof. S. Krishnan, <i>Jt. Secretary</i>
Prof. S. K. Shyama, <i>Treasurer</i>	Dr. P. K. Sudarsan, <i>Ex. Member</i>
Shri. S. Basker, <i>Ex. Member</i>	

University and College Teachers' Association of Goa (UCTAG)

Dr. Sanjay Sawant Dessai, <i>President</i>	Dr. Tushar S. Anvekar, <i>Vice President</i>
Dr. B. P. Sarath Chandran, <i>Gen.Secretary</i>	Shri Nityanand Naik, <i>Treasurer</i>
Dr. Anthony Rodriguese, <i>Jt.Secretary</i>	

Executive Committee of the Association of Officers of Goa University

Shri Mrityunjoy Chakraborty, <i>President</i>	Shri A. Fernandes, <i>Member</i>
Shri Ashok Nagarsekar, <i>Secretary</i>	Smt. B.T.A. D'Mello e Daniel, <i>Member</i>
Smt. Sharayu Chari, <i>Treasurer</i>	Shri Milton Fernandes, <i>Member</i>

Executive Committee of the Goa University Non-Teaching Employees Association

Shri Ganadhis V. Keny, <i>President</i>	Smt. Prarthana Naik, <i>Member</i>
Shri R. P. Naik, <i>Vice-President</i>	Shri Renato Dias, <i>Member</i>
Shri Godwin T. Afonso, <i>General Secretary</i>	Shri S. Shetgaonkar, <i>Member</i>
Shri Krishna G. Pai, <i>JointSecretary</i>	Shri Usman S. Ali Shaikh, <i>Member</i>
Shri Santosh R. Vernekar, <i>Treasurer</i>	Shri Yoganand Kholkar, <i>Member</i>

University Employees Co-operative Credit Society

Shri Eknath Sawant, <i>Chairman</i>	Shri Vasudev Gaonkar, <i>Vice-Chairman</i>
Shri Gangaram Naik, <i>Secretary</i>	Shri Nanda Gawas, <i>Treasurer</i>

1.9 Meetings of University Authorities and Bodies

Dates of Executive Council Meetings

6th June, 2014
20th June, 2014
25th July, 2014
14th November, 2014
21st January, 2015
27th February, 2015
4th May, 2015
22nd May. 2015

Dates of Academic Council Meetings

14th July 2014- standing Committee
31st October 2014
7th November 2014-standing Committee
24th February 2015
19th March 2015
28th April 2015
29th April 2015-Adjourned Meeting of AC
13th May 2015- standing Committee
19th June 2015- Special Meeting of AC

Dates of Court Meetings

13th March 2015

PART 2:

UNIVERSITY DEPARTMENTS/CENTRES/PROGRAMMES

2.1: 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	Chairman (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. Sripad Bhat	Member (Ex-Officio)
Prof. (Smt) Ishrat Bi Khan	Member (Ex-Officio)
Prof. Nina Caldeira	Member (Ex-Officio)
Prof. (Smt) Vrushali S. Mandrekar	Member (Ex-Officio)
Dr. Andre Rafael Fernandes	Member
Dr. Sunita Umrasker	Member
Mrs. Irene C. Silveira	
Mrs. Anjali M. Chaubey	
Mrs. Monica Marise Nadine D'lima	

Department of English

Faculty:

Full-time

K. Sripad Bhat, Ph.D., Professor - Literary theory, Critical Theory and Cultural studies

K. J. Budkuley, Ph.D., Professor and Head - British Poetry, Culture and Gender Studies; Translation Studies; Indian Literature; Konkani Writing and Folklore

Nina Caldeira, Ph. D., Associate Professor- Goa Cultural Studies, Postcolonial Literature, Linguistics, American Literature (On Sabbatical Leave from December 2013)

Andre Rafael Fernandes, Ph.D., Associate Professor - Novel, Commonwealth literature, Language laboratory, Tiatr

Anjali Chaubey, M. Phil., Assistant Professor - Indian English Theatre, Diaspora Studies and Gender Studies

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Samar Halarnkar (international author)	(courtesy) GALF – ICG, Goa	Creative Writing: Journey of Self-discovery	2 Dec 2014
Mahesh Rao (international author)	(courtesy) GALF – ICG, Goa	Challenge of Persistence and Self Quest for an Author	2 Dec 2014
Mabel Fernandes	BAMU, Aurangabad	Confluence of Creativity and Resourcefulness in Goa Writing	9 Dec 2014

Major Thrust Areas and Achievements:

The Department specializes in Cultural Studies, Gender Studies, Postcolonial Studies and Fiction Studies. The Department also has an Advanced Language Laboratory. More recent thrust areas of the Department have been Goa-related Studies and Translation Studies. The Faculty has published books/ articles on Konkani Tiatr, Goan Literature and Cultural Studies, and undertakes consultancy work related to State Official Language, Translation Studies and Critical Work. Department has also introduced Media Studies and Critiquing Goan Writing in English Translation as Optional Courses of contemporary relevance.

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Nat. Seminar on Celebrating Creativity, Commemorating Genius: Glimpses of Goan Writing in English and in Translation	9-10 Sep 2014	Institute Menezes Braganza, Panaji
Vimarshika: Nat. Seminar on Critical Discourse and Writing	5-6 Nov 2014	World Konkani Centre, Mangalore
National Seminar on Contribution of Translation: Taking the Indian Novel into Konkani	25 May 2015	Directorate of Official Language, Goa Government, World Konkani Centre, Mangalore, Sahitya Akademi, New Delhi

State Level Workshop on Translation: Exchanges through Translation: Creative, Trans-creative and Critical writing	26-29 May 2015	Directorate of Official Language, Goa Government, World Konkani Centre, Mangalore, Sahitya Akademi, New Delhi
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Research publications:

Articles in Books and Conference Proceedings:

- Budkuley, K. Introduction. *Aranyakand: Forest Saga, Auth.: Mahabaleshwar Sail. Trans. Vidya Pai.* OUP. New Delhi. 2015; xxi-xxxvi.
- Fernandes, A.R. Cultural Manifestations of the Christian community. *Commemorating Christ in Goa: Some Sketches of the Life and Culture of Christians Yesterday and Today.* Third Millennium, Goa. 2014; 41-46.
- Gaonkar, P.; Fernandes, A.R. ICT in Language Teaching: Analysis of Select Software. *Int. Conf. Trends and Innovations in Language Teaching (TILT 2014)*, 14-15 Nov 2014. Sathyabama University, Chennai, IEEE. 2014; 219-222. <http://www.tilt2014.com/images/IV-12.pdf>
- Chaubey, A. Conflicting-contesting wills: Reading Where There's a Will, *Dattani's Plays: Staging the Invisibles.* Ed. By: Bina Biswas and A.V. Koshy. Authorspress, New Delhi. 2015; 162-180.
- Chaubey, A. Invisible Fences: Reading Dance Like a Man , *Dattani's Plays: Staging the Invisibles.* Ed. By: Bina Biswas and A.V. Koshy. Authorspress, New Delhi. 2015; 194-214.

PhDs:

Awarded: 02 On roll: 13

Invited lectures, Conference presentations, etc.

Conference presentations:

- Bhat, K.S. English as a Global Language: Ideology and Power (Valedictory address). *Nat. Seminar on Teaching Language through Literature: Feasibility of a Holistic Approach.* MGM College, Udupi. 9 Jan 2015.
- Bhat, K.S. Interrogating English in the Context of Globalization (Keynote address). *Nat. Seminar on English Language and Globalization.* KVN Naik College, Nashik. 13-14 Feb 2015.
- Bhat, K.S. Teaching English through Literature: Issues and Perspectives (Keynote address). *Nat. Seminar on Creative Ways of Teaching Language and Literature.* Venutai Chavan College, Karad. 16 Feb 2015.
- Bhat, K.S. Whither Indian Writing in English? (Inaugural address). *Nat. Conf. on Mapping the Matrix of Contemporary Indian Literature in English.* Dhemp College, Miramar. 24 Mar 2015.
- Bhat, K.S. Method in Madness: Research Methodology in Literary and Cultural Studies (Keynote address). *Nat. Seminar on Perspectives in Research Methodology: English Literature and Language.* Vivekanand College, Kolhapur. 25 Mar 2015.

- Bhat, K.S. Cultural studies: Basic Premises and Preoccupations (Keynote address). *Nat. Conf. on Cultural Studies: Explorations into the Forms of Power*. Wadia College, Pune. 26-27 Mar 2015.
- Budkuley, K. Critical Writing: Approaches, Methodologies and Styles (Inaugural Address). *Nat. Seminar on Critical Writing*. World Konkani Centre, Mangalore.
- Budkuley, K. Women's Contribution in Western Indian Languages (Session Chair). *Regional Seminar*. Sahitya Akademi, Mumbai and Institute Menezes Braganza, Panaji. 11 Jan 2015.
- Budkuley, K. Research methodology: Getting into the Groove of Research, (Keynote Address). *Seminar on Research Methodology*. Department of Konkani, Goa University. 13 Mar 2015.
- Budkuley, K. Contemporary Indian Literature: Multiple Perspectives, Integrated Focus (Valedictory Address). *Nat. Conf. on Mapping the Matrix of Contemporary Indian Literature in English*. Dhempe College of Arts and Science, Miramar. 24 Mar 2015.
- Budkuley, K. Hindi Translation of Konkani Data. *Nat. Workshop for Hindi Translation of PLSI Volumes, People's Linguistic Survey of India*. Bhasha Research and Publication Centre and IGNOU, New Delhi. 4-5 Jun 2015.

Department of Hindi

Faculty:

Full-time

Ravindranath S. Mishra, Ph.D., Professor and Head - Medieval, Modern and Contemporary

Ishrat Bi Khan, Ph.D., Professor - History of Hindi Literature, Functional Hindi & Katha Sahitya

Vrushali S. Mandrekar, Ph.D., Professor - Short Story, Comparative Literature

Bipin B. Tiwari, Ph.D. (Viva –Vice Exam Held on 27th July 2015, Result Awaited), Assistant Professor, Hindi Story, Criticism

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Dr. Malti	Former Principal and Head of Hindi Dept. Lady Shri Ram College, Delhi	Hindi Sahitya ka Vartaman Sandarbh	03 Nov 2014
Dr. Suresh Ritupern	Director of K.K Birla Foundation, New Delhi	1. Hindi Kavyandolan evam Nai Kavita 2. Hindi ka Antarrashtriya Paridrishya	09 Dec 2014
Shri Vibhuti Narayan Rai	Former Vice Chancellor Mahatma Gandhi Antarrashtriya Hindi Vishvavidyalaya	Samkalin Hindi Katha Sahitya	12 Jan 2015

Major Thrust Areas and Achievements:

- Indian Poetics, Journalism and Mass Communication

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors	Co-ordinate
Nat. Seminar on Smt. Mrudula Sinha Ka Sahitya: Vivechan Evam Vishleshan	26-27 Feb 2015	Kendriya Hindi Sansthan, Agra	Prof. R. N. Mishra

Research publications:

Articles in journals (in SCI Journals):*

- Mishra, R. N. कोंकणी साहित्य [Konkani Sahitya]. *Bharatiya Sahitya Sarvekshan, Varshiki*. 2011 (published in 2014); 31-38.
- Tiwari, B.B. लंबी कहानियां और यथार्थ की परत दर परत स्कैनिंग [Lambi Kahaniya aur Yatharth ki Parat Dar Parat Scanning]. *Banas*. (Jan); 2015; 175-183.
- Tiwari, B.B. रामविलास शर्मा की दृष्टि में निराला [Ramvilas Sharma ki Drushti mein Nirala]. *Sahitya Bharati, Lucknow*. (Jan-Mar); 2015, 15-22.

Articles in Books:

- Mishra, R.N. भूमंडलीकरण और इक्कीसवीं सदी की हिंदी कविता [Bhumandlikaran Aur Ekeesvi Sadi ki Hindi Kavita]. *Bhumandlikaran aur Hindi*. Ed. By: Sheetla Prasad Dubey. Shailja Prakashan, Kanpur. 2015; 132-141. ISBN No. 978-93-80788-34-0
- Mandrekar, V.S. Dalit Vimarsh : Mukti ki Pukar, article publish in Hindi Sahitya: Samaya se Sakshaatkar edited by Dr Pramod Kovprath –ISBN -978-93-83682-55-3 in 2015 pg.No.176-182.

Books and monographs:

- Mishra, R.N., Ed. अभिव्यक्ति [Abhivyakti], Part II (Text book of XIIth standard, Goa Board). 2015; 76pp.
- Khan, I.B. महिला उपन्यासकार: एक मूल्यांकन [Mahila Upaynaskar: Ek Mulyakan]. *Vidya Prakashan, Kanpur*. 2014; 128pp.
- Mandrekar, V.S. भारतीय साहित्य की मानवतावादी धारा [Bhartiya Sahitya ki Maanvatavadi Dhara]. *Vidya Prakashan, Kanpur*. 2014; 160pp. ISBN 978-93-81555-64-4

PhDs:

On roll: 3

Invited lectures, Conference presentations, etc.:

Invited lectures:

- Mishra, R.N. Salaam Kahani Sangraha By Omprakash Valmiki. *Salam Kahani Sangrah ka Mulyankan*. Institute Menezes Braganza, Panaji. 22 Aug 2014.
- Mishra, R.N. Hindi Bhasa ka Swaroop Evam Mahatva. *Hindi divas*, All India Radio, Panaji. 4 Sep 2014.
- Mishra, R.N. Hindi ka Vartaman Paridrishya. *Hindi Karyashala*, NCAOR, Vasco. 15 Sep 2014.
- Mishra, R.N. Hindi ka Vaishvik Sandarbh. *Vishwa Hindi Divas*, Goa Shipyard. 12 Jan 2015.
- Mishra, R.N. Desh Ki Bahumukhi Pragati Ke Liye Sampradayik Sauhard. *Hindi Karyashala*. All India radio. 29 Jan 2015.
- Mishra, R.N. Rajbhasa Hindi evam Patra Vyvahaar ka swaroop. *Hindi Karyashala*. Mangalore Refinery & Petrochemicals Limited, Mangalore. 12 Feb 2015.

Conference presentations:

- Mishra, R.N. Hindi Upnyason me Maanvadhikar. *Nat. Seminar on Samkaleen Upnayasa Mein Manvadhikar*. Maharaja's College, Ernakulam, Kerala. 22-23 Sep 2014.
- Mishra, R.N. Vaidik Sahitya Mein vaishvik Sanskrit Ka Viksit Swarup. *Int. Seminar on Sahitya ka Samajik Sarokar aur Sanskriti ka Vashvik Paripresha*. Pandit S.N. Shukla P.G. College Shahdol, M.P., Anterrashtriya Hindi Samiti, U.S.A.; UGC CRO. Bhopal and Bharateeya Sahitya Parishad, Allahabad. 8-9 Nov 2014.
- Mishra, R.N. Vartaman Paridrshya Evam Hindi Bhasa Shikshan. *Nat. Seminar on Bharat Me Bhasha Shikshan: Punarvichar* and Chaired the two Sessions of this Seminar, Jain University, Bengaluru. 2-3 Mar 2015.

- Mishra, R.N. Bhartiya Sahitya: Adyatan Hindi Kavya Pravratian. *Nat. Seminar on Indian Literature: Latest Trends with Special Reference to Hindi and South Indian Languages*. UGC New Delhi; University of Calicut. 17-18 Mar 2015.
- Mishra, R.N. Hindi ka Vartaman Swaroop Evam Mahatva (Key Note Address). *Nat. Conf. on Ek Divseeya Rajbhasa Sammela*. Institute of Hotel Management, Alto-Porvorim. 17 Apr 2015.
- Mishra, R.N. Hindi Upanyas: Gramin evam Mhanagriya Jeevan (Inaugural Speech). *Nat. Seminar Ekeesvi Sadi ke Upnyas: Gramin Evam Mahanagriya Jeevan*. Gomantak Rashtrabhasha Vidyapeeth, Madgaon. 18 Apr 2015.
- Mishra, R.N. Tradition and Present Status of Hindi Language (Key Note Address). *Nat. Seminar on Challenges faced by Indian Languages: A Futuristic View*. Directorate of Rajbhasa, Government Goa and Govt. College of Arts, Science & Commerce Khandola, Goa. 28 Apr 2015.
- Khan, I.B. Rishto Me Rishti Nari Ki Vyatha Katha (Antim Icha Kahani Sangrah ke sadrabh Mein). *Nat. Seminar on Mridula Sinha Ka Sahitya : Vivechan Evam Vishleshan*. Dept. of Hindi & Kendrira Hindi Sansthan, Agra. 26-27 Feb 2015.
- Mandrekar, V. 'Salam Kahani Sangrah Main Dalit Vimarsh' – Paper presented in the Seminar organized by Institute Menezes Braganza, Panaji on 22nd August 2014.
- Tiwari, B.B. Ekeesvi Sadi ke Hindi Upnyaso Me Gramin Jeevan. *Nat. Seminar on Ekeesvi Sadi ke Upnyas: Gramin Evam Mahanagriya Jeevan*. Gomantak Rashtrabhasha Vidyapeeth, Madgaon. 18 Apr 2015.

Department of Konkani

Faculty:

Full-time

Prakash S. Pariekar, M.A., M.Com., B.Ed., Ph.D. **Associate Professor & Head** – Sociological Study of Literature, Special Study of Konkani Novels, Modern Konkani Poetry, Creative Writings, Graminn Sahitya.

Priyadarshini Sudhir Tadmokdar, M.A., **Associate Professor** - Modern Konkani Prose, Criticism, Konkani Tiatr, Indian Poetics

On probation

Kripali Naik, M.A., **Assistant Professor** – Feminist Literature, Indian Literature, Modern Konkani Prose.

On VRPP

Adv. Uday Bhembre – Visiting Research Professor under late B.B.Borkar Chair - Old Konkani Language and Literature, Special study of the writings of Shennoi Goembab, Konkani Media, Film Study.

Visiting Faculty

Dr. Harishchandra Nagvenkar -Western Poetic, Critics & Criticism, Konkani Language Movement.

Major Thrust Areas and Achievements:

- Prakash S. Pariekar Submitted his Thesis on the Topic: *Sociological Study of Mahabaleshwar Sail's Novels* and qualified for the award of Doctor of Philosophy degree in Konkani on 22 May 2015.

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Konkani Shuddhalekhanache Nem Ani Vyakaran	2-3 Mar 2015	Department of Official Language, Govt. of Goa
Sanshodhanchi Shastriya Paddhat: Konkanchya Sandharbhat	13 Mar 2015	Goa University

PhDs: Awarded: 3 On roll: 7

Invited lectures, Conference presentations, etc.:

Conference presentations:

- Pariekar, P.S. Konkani Yuva Sahitya: Kal, Aiz ani Flyam. *Nat. Seminar on Konkani Yuva Sahitya: Parichay, Parkhani ani Prava*. Sahitya Akademi, New Delhi; Fr. Agnel Collage of Arts and Commerce, Pilar, Tiswadi, Goa. 10 Jan 2015.
- Pariekar, P.S. invited to present the Konkani Short story at *Multilingual Writers Meet (Sanskriti)*. Sahitya Akademi, New Delhi; Ministry of Culture, Govt. of India and Banaras Hindu University (BHU), Varanasi at BHU, Varanasi.
- Pariekar, P.S. Konkani Novels (Invited lecture). *Nat. Seminar on Konkani-Hindi: Venchik Kadambaryatli Asturi Pratima*. St. Xevier's College, Mapusa. 7 Mar 2015.
- Pariekar, P.S. Reflection of rural life in the 21st Century Konkani Novels. *Nat. Seminar. Gomatak Rashtrabhasha Vidyapith, Margao, Goa. 18 Apr 2015.*

Department of Marathi

Faculty

Full-time

B. G. Kanolkar, Ph.D., Associate Professor – Modern form of literature

S. Umraskar, Ph.D., Assistant Professor – Linguistics, Medieval Marathi literature and modern form of literature

Major Thrust Areas of Research and Achievements

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

Incremental Infrastructure:

- Desktop computer for the faculty
- HP LaserJet printer for the students at the computer laboratory

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Marathi Science Fiction	4-6 Feb 2015	Goa University, Marathi Vidyan Parishad, Mumbai, Institute Menezes Braganza, Panaji, Goa

Research publications

Articles in journals: (*SCI Publications)

- Umraskar, S.S. बा. भ. बोरकरांच्या ललित निबंध लेखनातील चिंतनशीलता [Ba. Bha. Borkaranchya Lalitnibandhalekhanatil Chintanshilata]. *Goavapuri*. 9(2); 2014; 33-37.

Articles in Books:

- Umraskar, S.S. बखर वाङ्मय निर्मिती मागची प्रेरणा प्रयोजने व स्वरूप [Bakhar vangamay nirmiti magachi prerana prayojane va swarup]. *Nat. Seminar. Marathi Bakhar Gadya: Aitihasik va vangmayeen swarup*. Arts and Commerce College, Ashta, Sangli and UGC, New Delhi, 23-24 Jan 2015 ISBN 978-93-5196-698-2. ; 2015; 111-115.

PhDs:

Awarded: 1 On roll: 16

Department of French & Francophone Studies

Faculty:

Full-time

Anuradha Wagle, Ph.D., Associate Professor and Head - Translation, Linguistics, Teaching Methodology

Irene Silveira, M.A. Assistant Professor- French and Francophone Literature , Culture Studies, Teaching Methodology

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Ms Geneviève Baroana	INALCO – Institut National des Langues et des Civilisations Orientales	Écriture féminine Littérature et Cinéma dans le contexte des œuvres de Marguerite Duras	25-26 Sep 2014

Major thrust areas and achievements:

- The Department of French and Francophone Studies has the unique advantage of offering interdisciplinary programmes that are innovative and utility oriented. A quick glance into the study programme shows a balanced proportion of the major thrust areas of Literature, Translation, Methodology, Functional French, Language Proficiency and Cultural Studies. These components prepare students for the job market in one or more fields.
- The Department has developed in the area of Francophone Canadian Studies and the Colonial Encounter, going as far as including Goan post-colonial literature written in English and French with the Francophone world as the point of reference.
- It has also been working towards the diffusion of Translation Studies, which have been given a major thrust in recent years. Students are increasingly aware of the usefulness and the job opportunities available in the world of Translation Studies.
- The Faculty of the Department of French and Francophone Studies has lent its expertise to the French Textbook Project for Secondary and Higher Secondary schools in Goa and continue guiding school teachers to introduce new and innovative ways of teaching the language.
- The Department of French in collaboration with the French Embassy started the Tutor in French deputed for one academic year by the Embassy of France. The eighth Tutor is currently working in the Department.
- The PhD programme in the Department focuses mainly on interdisciplinary studies including area studies. (French and Business, Role of French Language in Education, Diaspora Studies)

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Workshop on “Women’s Writing” and “French Literature and Cinema” based on the well known French writer Marguerite Duras	25-26 Sep 2014	French Embassy in India Indian Association of Teachers of French
Workshop on Translating technical texts into French	19-20 Mar 2015	Goa University

Research publications:*Books and monographs*

- Meyer, D.C.; Wagle, A. *Au Bord de l’Inde-Portraits d’objets, d’icônes et de célébrités*. Goyal Publishers and Distributors, New Delhi. ISBN 9788183075695 ; 2014 ; 180pp.

PhDs:

Awarded:01 Students on roll:03

Invited lectures, Conference Presentations, etc.*Invited lectures:*

- Wagle, A. Multiple perspectives in Translation Studies. *UGC Refresher Course in French*, Bangalore University. 9-10 Dec 2014
- Wagle, A. Socio-cultural competence in French language learning and teaching. *UGC Refresher Course in French*, Bangalore University. 9-10 Dec 2014

Conference presentations:

- Wagle, A. Impact of French, wider perspective. *Nat. Conf. on French Studies in India- Rethinking Boundries-Towards an Interdisciplinary Approach*. MS University, Vadodara. 6-7 Feb 2015.
- Wagle, A. Au Bord de l’Inde -séance visuelle. *Nat. Conf. on French Studies in India- Rethinking Boundries-Towards an Interdisciplinary Approach*. MS University, Vadodara. 6-7 Feb 2015.

Department of Portuguese

Faculty:

Delfim Correia da Silva, *M.Phil.*, Assistant Professor, Visiting Lecturer under ‘The Indo-Portuguese Cultural Exchange Programme(C.E.P.)’ Portuguese Literature and Culture, Linguistics, Teaching Methodology of Portuguese as Foreign Language.

Monica Marise Nadine D’Lima, *M.A. Portuguese*, Assistant Professor – Linguistics , Portuguese Language, Lusophone Literature and Culture, Portuguese History and Art, Indo-Portuguese Literature.

Scarlet Ava Fernandes, *M.A. in Portuguese*, Assistant Professor – Linguistics , Portuguese Language , Creative Writing and Literary Studies.

Dhruv Usgaonkar, *M.A. in Portuguese* , Assistant Professor – Portuguese Literature and Culture (Art & Cinema), Portuguese Language.

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Miguel Manso	Writer	How to read poetry	17 Jan 2015
Ana Paula Laborinho	University of Lisbon	<i>Peregrination</i> by Fernão Mendes Pinto: A work of world	05 Feb 2015
José Carlos O. Tiago	University of Évora	Nolli me Tangere: Intangibility of Cultures	23 Apr 2015

Major Thrust Areas and Achievements:

- The Department of Portuguese is working, since February 2015, on the setting up of a Chair at Goa University on Indo-Portuguese Comparative Studies, a sponsored project by Camões I.P. (Project with a minimum of 7 lakhs of amount mobilized).

Seminars/ Conferences, etc., organized

Programme	Dates	Major Sponsors
Workshop for teachers of Portuguese in Goa	20 Feb 2015	CLP-Camões, Pangim, Parvatibai Chowgule College
Exhibition to mark the 400 years of the edition of "Peregrination" a book written by Fernão Mendes Pinto in the XVI Century	24-28 Nov 2014	CLP-Camões, Pangim
Talk “Great Portuguese Shipwrecks (1194-1991) –When man lost the fight with the sea” by Captain José António Rodrigues Pereira	8 Nov 2014	CLP-Camões, Pangim
Workshop for teachers of Portuguese in Goa	2 Sep 2014	CLP-Camões, Pangim, Goa Board of Secondary and High Secondary Schools

Research publications:

Articles in Books:

- DaSilva, D.C. In the quest of the Magna Portuguese Language - *Colóquio Internacional Transdisciplinar, Viagens de longo curso: roteiros e mapeações*. 15 May 2014. Universidade Católica Portuguesa, Faculdade de Letras da Universidade de Lisboa e ISCTE-IUL, Lisbon, Portugal. 2014; 1-15.

Articles in Books:

- Preface of the book *Imagologia e Mitos Nacionais - O Episódio dos Doze de Inglaterra na Literatura Portuguesa (c. 1550-1902) e o Nacionalismo (Colonial) de Teófilo Braga*, by Rogério Miguel Puga (Author), published by Caleidoscópico – Edição e Artes Gráficas, SA, CETAPS and Goa University, 2014.

Awards and honours:

- **Namita Fatorpercar**, student of M.A. in Portuguese, was awarded with one year scholarship by Camões I.P. to study in Portugal in 2014-2015.

2.2: 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	(Ph. D.)
Department of Library and Information Science	(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)
Prof. (Ms.) Pratima P. Kamat	Member (Ex-Officio)
Prof. Pranab Mukhopadhyay	Member (Ex-Officio)
Prof. Sanjyot Pai Vernekar	Member (Ex-Officio)
Dr. P. K. Sudarsan	Member
Dr. Nagendra Rao	Member
Dr. Koshy Tharakan	Member
Dr. Prakash Desai	Member
Dr. Joana Coelho	Member

Department of Economics

Faculty:

Full-time

Silvia Maria de Mendonca e Noronha, Ph.D., Professor and Head - Labour Economics & Industrial Relations

P.K. Sudarsan, Ph.D., Professor - International economics, Econometrics

Pranab Mukhopadhyay, Ph.D., Professor - Macroeconomics, Environment, Development

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Amit Bhaduri	JNU (Prof. Emeritus) & VRPP, G.U.	Research Scholar Workshop	25 Aug 2014
Prof. Romar Correa	University of Bombay	Upgrading U.G. Syllabus	13 Feb 2015
Prof. Prabhat Patnaik	JNU	A Critique of Economics As A Discipline	26 Mar 2015

Major thrust areas:

Labour Economics, International Economics, Environmental Economics

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs) Lakhs
Mukhopadhyay, P.	Ongoing	Linking Coastal Management with Ecosystems Services in India	Collaborative Project with National Centre for Sustainable Coastal Management (NCSCM), Madras School of Economics	19.70
Mukhopadhyay, P.	Completed	Evaluation of State Finances in India with a special focus on Goa	Finance Commission, GoI	2.50

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
UG Workshop Conducted By Bos	13 Feb 2015	G.U.
Kamat Helekar Memorial Lecture	26 Mar 2015	G.U.

Research publications:

Articles in journals (in SCI Journals)*

- *Mukhopadhyay, P.; Nepal, M.; Shyamsundar, P. Building skills for sustainability: A role or regional research networks. *Ecology and Society*. 19(4); 2014; Article ID 45. DOI: 10.5751/ES-07105-190445.

PhDs:

Awarded: 02

Students on roll: 08

Invited Lectures, Conference Presentations, etc.*Invited lectures:*

- Sudarsan, P.K. Econometrics through GRETl software. *Course on Introduction to Statistical and Econometric Software*. DM's College, Mapusa. 13 Jan 2015.
- Sudarsan, P.K. Measurement of academic output under UGC regulation. *Awareness Workshop on Assessment and Accreditation: Quality in Higher Education*. IQAC, Goa Univ. & NAAC. 13-14 Feb 2015.

Conference presentations:

- DhaneeshKumar, Poornima, B.G; Sudarsan, P.K. Effectiveness of currency futures market in India: An empirical investigation. *India Finance Conf. IIM, Bangalore*. 17-19 Dec 2014.

Department of Sociology

Faculty:

Full-time

- **Ganesh Somayaji, Ph.D., Professor and Head** - Social Theory, Sociology of Food, Sociology of Language
- **Antonio Alito Siqueira, M.A.**, Associate Professor - Pedagogy, Culture and Development
- **Joanna P. Coelho, Ph.D.**, Assistant Professor - Political Sociology.

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. B. K. Swain	Sant Tukdoji Maharaj Nagpur University, Nagpur	Leisure and Food	8 Jul 2014
Shri Tenzin Tsundue	Tibetan Youth Congress, Dharamshala	Mind of an Exile	8 Dec 2014

Major Thrust Areas and Achievements:

The teaching programme in sociology blends classical foundations with contemporary developments and debates. The department promotes field work based assignments and dissertations. Towards this end it holds a Research Methodology Training Camp.

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Coelho, J. P.	Ongoing	Constructing Nation in the Diaspora: Potential Sociological Study of Tibetan Refugees in Bailakuppe settlements	ICSSR, New Delhi	1.00

Research publications:

Articles in journals (in SCI Journals):*

- Coelho, J. In the shadow of Marathi: Political sociology of Konkani in Goa. *Asian Quarterly: An International Journal of Contemporary Issues*. 12(3); 2014; 63-74.
- Coelho, J. Scripting Dominance and Contestations: Linguistic Hegemony in Post Liberation Goa. *Guru Nanak Journal of Sociology*. 35(1&2); 2014; 1-13.

Articles in Books:

- Coelho, J. Swaraj in exile: The case of Tibetan settlements in Bailakuppe, Karnataka. In: P.P. Balan, Sunny George and T.P. Kunhikannan. *Gandhiji, Gram Swaraj, Decentralisation: Context and Content* Trissur: Kerala Institute of Local Administration, Kerala. 2015; 53-68

Ph.Ds:

Students on roll:05

Invited Lectures, Conference Presentations, etc.*Invited Lectures*

- Siqueira, A.A. Does access lead to inclusion. *Awareness Workshop on Assessment and Accreditation: Quality in Higher Education*, IQAC, Goa Univ. & NAAC. Goa Univ. 13-14 Feb 2015.
- Siqueira, A.A. Learning is Recovering. *Invited Visiting Fellow Lecture*. Centre for Social Systems, JNU, New Delhi. 1-7 Mar 2015
- Siqueira, A.A. Learning is Recovering. *Invited Visiting Fellow Lecture*. Dept. of Sociology, Delhi University. 8-15 Mar 2015
- Siqueira, A.A. API scores and teacher quality (Panel presenter). *Exploring Teacher Education in the 21st Century*, Nirmala Institute of Education, Panaji. . 19-20 Mar 2015.
- Siqueira, A.A. Does access lead to inclusion (Panel presenter). *Five Decades of Higher Education in Post-Liberation Goa: Re-mapping for Revitalization*, Goa University (Golden Jubilee Celebration Committee). 20 Mar 2015.

Conference presentations:

- Coelho, J.P. Citizenship versus homeland: The changing nationality of Goans in Swindon, England. *Int. Conf. on Global Indian Diaspora: Continuities and Changes*. Univ. of Hyderabad. 6-7 Nov 2014.
- Coelho, J.P. Swaraj in exile: An experiment in community governance in the Tibetan settlements in Bailakuppe, Karnataka. 2. *South Asia Conf. on Gandhi, Gram Swaraj and Democratic Decentralization*. Kerala Institute of Local Administration (KILA), Thrissur, Kerala. 27-29 Nov 2014.
- Coelho, J.P. In the shadow of Marathi: Political sociology of Konkani in Goa. *Int. Conf. on Language, Literature and Culture (ICLLC 2014)*. Institute of Advanced Studies in English, Pune and Centre for Digital Humanities, Pune. 15-17 Dec 2014.
- Coelho, J.P. Re imagining citizenship: The dilemmas facing Tibetan refugees in India. *Nat. Workshop on Understanding Migration and Diaspora: Cultural Practices, Challenges and Solutions*. Pune University. 2 Feb 2015.
- Coelho, J.P. Diaspora, nationality and Goan Catholics in England. *Int. Conf. on Indian Diaspora & Cultural Heritage: Past, Present & Future*. Indian Council of Cultural Relations, New Delhi. 11-13 Feb 2015.
- Coelho, J.P. Armed conflict and prolonged exile: Irony of sustaining the struggle for Tibetan women in India. *Gender, Conflict and Security: Perspectives from South Asia*. Dept. of International Relations, South Asian University, New Delhi. 23-24 Apr 2015.
- Somayaji, G. Social science research in Goa: Institutional comparisons, methodological issues and future directions. *Nat. Seminar on Social Science Research in Western India*. ICSSR (WRC) Mumbai. 7-8 Nov 2014.
- Somayaji, G. Sociological knowledge consumption and production in the universities of Karnataka: Ruminations for future directions. *Nat. Seminar on Trends, Relevance and*

Challenges of Sociology Teaching and Research in Universities of Karnataka. Mangalore University. 5-6 Dec 2014.

- Somayaji, G. Dominance and contestation: Understanding the language dynamics of Karnataka. *Int. Seminar on Language, Literature and Culture.* Institute of Advanced Studies in English and Center for Digital Humanities, Pune. 15-17 Dec 2014.
- Somayaji, G. Women in India: Elucidation of concerns and action plans for emancipation. *Nat. Seminar on Women in India: Issues, Problems and Prospects.* Rayat Shikshan Sanstha's Sadguru Gadage Maharaj College, Karad. 30-31 Jan 2015.
- Somayaji, G. Migration, culture and identity: Some social and sociological concerns in Goa. *Nat. Seminar on Understanding Migration and Diaspora: Cultural Practices, Challenges and Solutions.* Savitribai Phule Pune University. 2 Feb 2015.
- Somayaji, G. Diaspora, cultural novelty, and tradition: Some reflections on the culture of diaspora in Goa, India. *Int. Conf. on Indian Diaspora & Cultural Heritage: Past, Present & Future.* Indian Council for Cultural Relations, New Delhi. 11-13 Feb 2015.
- Somayaji, G. Sex ratio imbalance in India: Ideological underpinnings and empirical implications. *Nat. Seminar on Declining Ratio of Male and Female and its Impact on the Society.* K.L.E. Society's Jagadguru Tontadarya College, Gadag, Karnataka. 6-7 Mar 2015.
- Somayaji, G. Towards Including the Excluded: Mainstreaming is also Empowering (Keynote address). *Nat. Seminar on Social Inclusion: Mainstreaming the Marginalised.* Saraswat Vidyalaya's Sridoro Caculo College of Commerce and Management Studies, Mapusa. 27 Mar 2015.

Department of Philosophy

Faculty:

Full-time

U. A. Vinay Kumar, Ph.D., Professor and Head - Vedanta, Indian Philosophy

Sanjyot D. Pai Vernekar, Ph.D., Professor - Applied Ethics

Koshy Tharakan, Ph.D., Professor - Phenomenology and Philosophy of Social Science

Milan B. Desai, Ph.D., Associate Professor - Philosophy of Science , Analytical Philosophy

Major thrust areas and achievements:

- Vedanta, Indian Philosophy, Applied Ethics, Phenomenology and Philosophy of Social Science, Philosophy of science, Analytical Philosophy.

Seminars, Conferences, Workshops, etc., organized:

Programme	Date
International Seminar on World Religions: Enter the Metaphysics – Metaphysical Approach through Symbols	25-27 Feb 2015

PhDs:

Students on roll:06

Research publications:

Articles in journals (in SCI Journals):*

- Bini, B.S.; Tharakan, K. The enigmas of health: Problematizing corporeality, maladies and mortality. *Samyukta: A Journal of Women's Studies*. 11(2); 2011 (published in 2014); 7-16.
- Mukherjee, P.C.; Tharakan, K.; Rath, A. The Agora, the dog, the sage and the friend: Tracing cosmopolitan ancestries in the hellenistic regimes. *Anekaant: A Journal of Polysemic Thought*.(3);2015;71-80.
<http://balvantparekhcentre.org.in/anekaant%203%202015.pdf>
- Vinaykumar, U.A. On the metaphysical meaning of major religious symbols for a globalized world. *AI & Society*. 30(2); 2015; 147-166. DOI: 10.1007/s00146-014-0572-5

Articles in Books:

- Tharakan, K. പോപ്പറും മാർക്സും [Popper and Marx]. *Marx Vaayanakal (Malayalam) Ed. by: T.V. Madhu*. Raspberry Publications, Kozhikode. 2015; 565-574.
- Tharakan, K. Repositioning interpretative social science after postmodernism: Understanding, interpretation and self. *Challenges of Postmodernism, Ed. by: R.C. Pradhan*. Indian Institute of Advanced Study, Shimla. 2014; 217-236.

Invited Lectures, Conference Presentations, etc.

Invited lectures

- Tharakan, K. Quality in higher education for the cause of humanities disciplines. *Awareness Workshop on Assessment and Accreditation: Quality in Higher Education*, IQAC, Goa Univ. & NAAC. Goa Univ. 13-14 Feb 2015.

Conference presentations:

- Tharakan, K. Marx and Heidegger on technology: Reading with Professor Kulkarni *Int. Conf. on Intentionality, Normativity and Objectivity*. University of Hyderabad. 8-10 Jan 2015.
- Pai Vernekar, S.D. Understanding symbolism in religion. 3 Day International *Seminar on World Religions: Enter the Metaphysics – Metaphysical Approach through Symbols*. International Centre, Goa. 25-27 Feb 2015.
- VinayKumar, U.A. Tolerance in World Religions. *The Indian Philosophical Congress (88th Session)*. S.V. University, Tirupati. 17-19 Oct 2014.
- VinayKumar, U.A. Metaphysics in Religions (Keynote Address). World Philosophy Day. Indian Council of Philosophical Research New Delhi and University of Mumbai at Univ. Mumbai. 8 Dec 2014.
- VinayKumar, U.A. On the metaphysical meaning of religious symbols. *3-Day International Seminar on World Religions: Enter the Metaphysics – Metaphysical Approach through Symbols*. International Centre, Goa. 25-27 Feb 2015.
- VinayKumar, U.A. Srinivasa Rao's 'Advaita a Critical Study: An Analysis. *National Seminar on Doing Philosophy-Innovation and Transcending the Tradition from within: Contributions of Srinivasa Rao to Contemporary Philosophical Thought* Organized Dept. of Philosophy, University of Madras. 13-15 March 2015.

Department of History

Faculty:

Full-time

Pratima P. Kamat, Ph.D., Professor - Indo-Portuguese History and Maritime Studies, Gender Studies, History of Goa.

N. Shyam Bhat, Ph.D., Professor and Head - Modern Indian History, Indo – Portuguese History, and History of South Kanara.

Nagendra Rao, Ph.D., Associate Professor - Ancient India, Economic and Social History of Western Coastal India.

Parag D. Parobo, M.A., Assistant Professor - Subaltern, Nationalism, Culture, Portuguese Colonialism, Political Economy of Goa, Identity and Bahujan Samaj Polity.

Seema S. Risbud, Ph.D., Assistant Professor - Indo-Portuguese History, Decolonisation Movements, Gender Studies, Social Movements and Indian Culture and Heritage.

Major thrust areas and achievements:

The thrust areas of the Department are Indo-Portuguese History, Maritime Studies and Indian History with special focus on the History of Goa. The Department offers a wide range of optional courses on emerging and innovative areas as well as issues of current relevance, such as Oral History, Maritime History, Trade and Urbanization in India, Heritage Tourism, Post-Colonial Goa and Environmental History of India. The Department endeavours to make the M.A. students competent in understanding historical developments at the regional, national and international levels within an interdisciplinary analytical framework. The compulsory courses deal with the foundational aspects of historical study and include courses in Indian History, Asian History and in European and Goan History, in addition to courses on Theories of History and Historical Method.

Faculty members have carried out studies in some of the above mentioned areas, and presented/published research papers.

Seminars, conferences, workshops, etc., organized:

Programme	Dates	Funding
State level Seminar on Tristao Braganca Cunha: Colonialism, Nationalism and Reminiscences	28 Nov 2014	The Tristao Braganca Cunha Charity Trust, Panaji

Research publications:

Articles in journals (* in SCI Journals)

- Parobo, P.D. "D.D. Kosambi: The thinker". *My Goa*. 1(1); 2015; 14-16.

Articles in Books:

- Bhat, N.S. British Records as Corroboratory Sources in Writing History of Goa. *Sources for the Study of Goan History*, Ed. by: Dicholkar, M.L. Directorate of Archives and Archaeology, Govt. of Goa, Panaji. 2013; 76-85.
- Rao, N. Continuity and change: Harappan religion, the vedic religion and classical hinduism. *Cultural Contours of History and Archaeology*, Ed. by: K. Krishna Naik and Siva Nagi Reddy. B.R. Publishing Corporation, Delhi. 2015; 261-265.

Ph.Ds:

Submitted:01 Students on roll:07

Invited Lectures, Conference Presentations, etc.*Invited Lectures*

- Kamat, P.P. Goa's History and Culture. 7. *Know Goa Programme*, NRI Commission, Government of Goa. 1 Dec 2014.

Conference Presentations:

- Parobo, P.D. "Seeing Goa and Nationhood: Tristão Bragança Cunha and Indological traits". *State level Seminar on Tristao Bragança Cunha: Colonialism, Nationalism and Reminiscence*. Department of History, Goa University and the Tristão De Bragança Cunha Charity Trust, Panaji. 28 Nov 2014.
- Parobo, P.D. The "Maratha and the Bahun identity in Goa". *National Seminar on Trends in Maratha Historiography*. Chhatrapati Shahu Maharaj Center for Studies of Maratha History, Shivaji University, Kolhapur. 11-12 Mar 2015.
- Rao, N. "Mobility and Identity: A Study of Vishwakarma Panchalas of Karnataka". *Nat. Conf. on In Search of Vishwakarma: Mapping Indian Craft History – Inter Regional Perspectives*. Nehru Memorial Museum and Library in association with Prof. Vijaya Ramaswamy. 15-16 Oct 2014.
- Risbud, S.S. Tristao Braganca Cunha and 1954-55 satyagraha: An idea into action. *State level Seminar on Tristao Braganca Cunha: Colonialism, Nationalism and Reminiscence*. Dept. of History, Goa Univ.; Tristao Braganca Cunha Trust. 28 Nov 2014.

Department of Political Science

Faculty:

Full-time

Rahul Tripathi, *Ph.D.*, Associate Professor and Head– International Political Economy/South Asia.

Prakash S. Desai, *Ph.D.*, Assistant Professor - Political Theory, Democratic Politics in India, Modern Indian Political Thought.

Alknanda Shringare, *Ph.D.*, Assistant Professor - Democratic Governance, Public Administration, Rural Development.

On Contract

- **Shilpa S.P. Singh**, Assistant Professor

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Peter deSouza	Centre for Studies in Developing Societies, New Delhi	Offence and Freedom of Expression (In collaboration with ASC, Goa University)	23 Aug 2014
Prof. Mahendra P Lama	Jawaharlal Nehru University New Delhi	Borders, Peace Building and Human Security: Role of Universities (In collaboration with International Centre, Goa)	25 Aug 2014
Dr. Sanjay Jha	Department of International Relations, Central University Gujarat, Gandhi Nagar	Contemporary Pakistan	18 Dec 2014
Prof. Jia Haitao	Jinan University, Guangzhou, China	China's Perceptions of India's Rise	10 Feb 2015

Major Thrust Areas and Achievements:

- The Department continued to build up on its ongoing work on decentralization, democracy and Goa's political system through its teaching, research and extension programmes. It hosted some very eminent scholars as part of the Refresher Course organized in Political Science, who also delivered some public lectures. The department initiated a project on 'Panchayati Raj Institutions and Rural Development in Goa' and hosted its Second Annual Political Science Festival on the Theme: 'Celebrating Humor in Politics.'

Incremental Infrastructure:

- The Department procured two desktop computers with accessories for use of the students in the Computer Lab in the department.

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Shringare, A.P.	Ongoing	Panchayat Raj Institutions and Rural Development in Goa	ICSSR, New Delhi	5.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Refresher Course in Political Science	5-25 Aug 2014	University Grants Commission, Academic Staff College, Goa University

Research publications:

Articles in journals (* in SCI Journals)

- Desai, P.S. Multiculturalism and minority rights in India: Interface between theory and practice. *Journal of Media and Social Development*. 2(4); 2014; 19-33. http://www.unimysore.ac.in/sites/default/files/content/journal_of_media_and_social_development_volume-2_issue-4.pdf
- Shringare, A. Aam Aadmi Party in Indian politics: Some innovative and erroneous acts. *Social Science in Perspective*. 6(3n4); 2014; 325-337.

Articles in books:

- Tripathi, R. Political economy of Pakistan: Security implications for South Asia. *South Asia in the Globalized World*, Ed. by: C. Vinodan. New Century Publications, New Delhi. 2014; 179-193.

PhDs:

Students on roll:06

Invited lectures, Conference presentations, etc.

Conference Presentations:

- Desai, P.S. Reforming elections in India: A look at the State funding. *Nat. Seminar on Election Reforms for Stable Democracy*. S.S. Arts College, Sankeshwar, Belgaum. 7-8 Sep 2014.
- Desai, P.S. Assertion of Lingayat identity: From Egalitarian idealism to compromising conservatism. *Nat. Seminar on Identity Politics and India's Democracy*. K.L.E society's Lingaraj College Belgaum. 13 Oct 2014.
- Desai, P.S. Human rights of marginalized: Need for new understandings? *Nat. Seminar on Human Rights in Goa, India and the World: Issues & Initiatives*. P.E.S College, Ponda, Goa. 28-29 Nov 2014.
- Desai, P.S. Judiciary and other organs of the Government in India: Critical reflections on recent developments. *Nat. Seminar on Criminalization of Politics and Judicial Review*. KLE Society's SVS Bellubbi College, Saundatti, Belgaum District. 23-24 Jan 2015.
- Desai, P.S. State of philosophy and theory in Indian social science research. *Nat. Seminar on Research Methodology in Social Sciences*. Catholicate College Pathanamthitta, Kerala. 25-27 Feb 2015.

- Shringare, A.P. Rhetoric of participatory development: An analysis of functioning of PRIs in Goa. *Nat. Seminar on Two Decades of Panchayat Raj in India: Experiences, Issues, Challenges and Opportunities*. Institute of Social Science Research, Ujjain. 15-16 Jan 2015.
- Shringare, A.P. Protection of women's special needs by the State. *Nat. Conf. on Human Rights: Dalit Women Rights and Gender Sensitization*. Dept. of Political Science and Director of SC/ST, Karnataka State Women's University, Vijayapur. 27-28 Mar 2015.
- Tripathi, R. India's economic diplomacy and multilateral financial institutions. *Workshop on Mobilizing the State: Indian Economic Diplomacy in the 21st Century*. Centre for Policy Research, New Delhi. 11-12 Oct 2014.
- Tripathi, R. Politics, new social media and mobilization in India. *Indian Political Economy Association Annu. Conf.* Giri Institute of Development studies, Lucknow. 15-16 Nov 2014.
- Tripathi, R. Re-imagining South Asia in India's Asian aspirations. *Int. Conf. on India's Asian Order: Culture, Economy and Security*. University of Mumbai. 8-10 Dec 2014.
- Tripathi, R. SAARC. *Int. Conf. on India and the Neighbours: Policy Options for the New Government*. Jawaharlal Nehru University, New Delhi. 24-25 Mar 2015.
- Tripathi, R. Positioning India in the global political economy. *Nat. Seminar on Re-conceptualizing Indian Foreign Policy*. Banaras Hindu University, Varanasi. 30 Apr-1 May 2015.
- Tripathi, R. Mapping international political economy in South Asia. *Int. Conf. New Directions in International Political Economy*. University of Warwick. 13-15 May 2015.

UGC Centre for Latin American Studies

Faculty:

Full-time

Aparajita Gangopadhyay, Ph.D., Associate Professor and Director-In-Charge - Latin American Studies, International Relations

Dattesh Parulekar, M.A., Assistant Professor - International Relations/Area Studies

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Ambassador Deepak Bhojwani	Former Ambassador to Cuba, Colombia, MEA	India-Latin America Relations	19-21 Jan 2015
Dr. Marcel M. Baumann	University of Freiberg, Germany	The Logic of Killing and the Legitimacy of Terrorism	24 Feb 2015
Prof. Srikanth Kondapalli	SIS- JNU, New Delhi	India-China-US Strategic Triangle: Wither Competition, Contestation, Cooperation?	20 Mar 2015

Major Thrust Areas and Achievements:

- The Centre has been actively engaged in different programmes besides teaching and research activities. A number of academic talks and round table discussions were organized by and at the Centre over the past year. The Centre focused on developing a nice area within the Latin American Studies programme, with Brazil playing the central role in it. With the idea of joint academic collaborations, the Centre for Latin American Studies is working towards establishing linkages with institutions in Latin America and the Caribbean. There is a MOU in the pipeline with the Naval War College, Verem as well.

Research publications:

*Articles in Journals(*in SCI Journals):*

- Gangopadhyay, A. From Land Wars to Gas Wars: Chile-Bolivia Relations and Globalization. *India Quarterly*. 70(2); 2014; 139-152. DOI: 10.1177/0974928414524651
- Gangopadhyay, A. India-Latin American Relations: The China Factor. *Journal Global & Strategis*.8(1);2014;1-13.
http://journal.unair.ac.id/article_7693_media23_category8.html

PhDs:

Students on roll:04

Invited lectures, Conference presentations, etc.:

Conference presentations:

- Gangopadhyay, A. Gender, Discrimination and Education in Brazil: Preliminary Observations. *Int. Seminar on Social Inequalities in Higher Education: Identifying Parallels in India and Brazil*. Univ. Pune. 23-24 May 2014.
- Gangopadhyay, A. Indian Foreign Policy in The 21st Century: Continuity and/or Change? *India Brazil Dialogue II*. Universidade estado do Rio de Janeiro, Brazil. 5-7 Nov 2014.
- Parulekar, D. NATO in Afghanistan: A Critical appraisal. *Int. Seminar on American Withdrawal from Afghanistan in December 2014: Post-Withdrawal Puzzle of Policy Options for India, Pakistan and Afghanistan*. Vidya Prasarak Mandal's Centre for International Studies. Mumbai. 16-17 Jul 2014.
- Parulekar, D. The Indo-US Relationship: Whither 'Natural Allies' Or 'Strategic Partners'?. *Int. Conf. on The Changing Contours of India-US Relations: Perceptions, Continuity and Change*. BITS-Pilani (Goa Campus), Goa. 5-7 Sep 2014.
- Parulekar, D. The 16th General Election In India, 2014: What It Means For Indian Foreign Policy. Strategic Worldview and Global Positioning. *India Brazil Dialogue II*. Universidade estado do Rio de Janeiro, Brazil. 5-7 Nov 2014.
- Parulekar, D. An Overview of Political, Social and Economic Developments in Myanmar and India. *Int. Conf. on India and Myanmar: Together the Way Forward*. Myanmar Institute for Strategic and International Studies (MISIS), Yangon, Myanmar. 21-22 Nov 2014.
- Parulekar, D. Changing the Narrative in South Asia: Challenges and Opportunities in India's Regional-Reset In The Near-Abroad. *Int. Conf on India and its Neighbours: Policy Prescriptions for the New Government*. Jawaharlal Nehru University (JNU), New Delhi. 24-25 Mar 2015.
- Parulekar, D. The Maritime Silk Route (MSR) Initiative and the Quest for Sino-Indian Synergy. *Int. Conf. on Silk Road Economic Belt (SREB) and the 21st Century Maritime Silk Route (MSR): Opportunities and Challenges*. Jawaharlal Nehru University (JNU), New Delhi. 26-27 Mar 2015.
- Parulekar, D. From Survival to Sustainable Existence: Mainstreaming Sustainable Development Goals (SDGS) In Integrated National Security (ING). *Int. Conf. US-India Think Tank Summit: Think Tanks, Public Policy and Governance - Ideas, Analysis, Innovation and Impact*. Brookings-India, Observer Research Foundation (ORF) New Delhi, and the Think Tanks & Civil Societies (TTCS) Program, University of Pennsylvania, USA. 27-29 Apr 2015.
- Parulekar, D. From Look East To Act East: Doctrinal & Operational Transition In New Delhi's Interface With Its Near-Abroad, Extended Neighbourhood & Delimited Expanse. *Int. Conf. on India's Look East Policy & South East Asia: Beyond Borders*. Centre for Research in Rural and Industrial Development (CRRID) and Chandigarh and the Manipur University. 22-24 May 2015.
- Parulekar, D. India in South Asia, China with South Asia. *Int. Conf. on India's Strategic Perceptions of China's Role in South Asia*. Hainan Institute for World Watch (HNIWW), Haikou Shi, Hainan, China. 26 May 2015.

Centre for Women's Studies

Faculty:

Full-time

Shaila Desouza, Ph.D., Assistant Professor and In Charge of the Centre - Gender, Development and Empowerment (On Child Care Leave from November 2014 - May 2015)

Major Thrust Areas and Achievements:

The Centre's activities focused on the project as in the table below since May 2014. The achievements made on the project are as follows.

PROJECT: Sanghmitra: Goa State Coalition for Adolescent Health and Rights (Rs 25 Lakhs) Funded by: National Mission for the Empowerment of Women, Ministry of Women and Child Development, Government of India. A one year project is aimed at building a convergence amongst stakeholders working at empowering adolescents in Goa regarding their health and rights. The six major components are:

State Coalition

Sanghmitra has built up a state level coalition of 21 stakeholders (both Government and NGOs) working for adolescents in the state of Goa. Monthly meetings were held to discuss adolescent's issues and plans activities on: state adolescent convention, website and publication. This convergence, we hope, will continue beyond this one year pilot study period.

Incremental Infrastructure:

- Lecture halls for the MA Women's Studies Programme, Desktop computers (4), Laptop (1), LCD projector (1)

Projects

Project Investigator	Status	Title	Funding Agency	Grant (Rs in Lakhs)
Desouza, S.	Ongoing	Sanghmitra: Goa State Coalition on Adolescent Health and Rights	Ministry of Women and Child Development	25.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Workshop on Menstrual Exclusion for school counselors and mental health volunteers from Keri, Valpoi, Mapusa, Siolim and Thane	17 May 2015	NMEW; Sahas at Swami Vivekanand Prerna Pratishthan, Sattari, Goa
Organization of awareness programmes on the campus during National Youth Day, Menstrual Hygiene Day, International Women's Day	28 May 2014 12 Jan 2015 8 Mar 2015	Goa University

PhDs:

Students on roll:04

Department of Library and Information Science

Faculty:

Gopakumar V., Co-ordinator, University Librarian, MLISc., PhD

Vikrant P. Malwankar, Library Assistant, MLISc., Ph.D

Visiting Faculty

M. P. Tapaswi, MLISc., PhD

Smt. Swati M. Mhamal, M.Sc, M.L.I.Sc.,

Publications in Books/seminar proceedings

- Gopakumar V, Editor for the seminar volume of the **National Seminar on "Building Knowledge Centers (ICBKC 2015)"** conducted by the Library and Information Centre of NMAM Institute of Technology, Nitte, karnataka from 1st to 2nd of January 2015.

2.3: 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 Chemistry	Member (Ex-Officio)
Head, Department of Mathematics	Member (Ex-Officio)
Head, Department of Computer Science & Tech.	Member (Ex-Officio)
Head, Department of Physics	Member (Ex-Officio)
Head, Department of Electronics	Member (Ex-Officio)
Head, Department of Earth Science	Member (Ex-Officio)
Prof. Julio B. Fernandes	Member (Ex-Officio)
Prof. V. P. Kamat	Member (Ex-Officio- (Presently Registrar)
Prof. B. R. Srinivasan	Member (Ex-Officio)
Prof. A. G. Chachadi	Member (Ex-Officio)
Prof. J. A. E. Desa	Member (Ex-Officio)
Prof. R. B. Tangsali	Member (Ex-Officio)
Prof. V. V. Kamat	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. Rajendra N. Shirsat	Member
Dr. Jivan S. Parab	Member
Dr. A. N. Mohapatra	Member

Department of Chemistry

Faculty

Full-time

J.B. Fernandes, *Ph.D.*, Professor - Physical Chemistry
A.V. Salker, *Ph.D.*, Professor - Catalysis And Solid State Chemistry
V.P. Kamat, *Ph.D.*, Professor – Organic Chemistry (on Lien as Registrar)
S.G. Tilve, **Ph.D.**, Professor - Organic Chemistry
B.R. Srinivasan, *Ph.D.*, **Professor and Head** - Inorganic Chemistry
V.S. Nadkarni, *Ph.D.*, Professor - Organic Chemistry
R.N. Shirsat, *Ph.D.*, Associate Professor - Theoretical And Computational Chemistry
V.M.S. Verenkar, *Ph.D.*, Associate Professor - Inorganic Chemistry: Solid State Chemistry
S. N. Dhuri, *Ph.D.*, Assistant Professor - Inorganic Chemistry
S.V. Girkar, *M.Sc.*, Assistant Professor - Organic Chemistry
P. R. Singh, *Ph.D.*, Assistant Professor - Physical Chemistry
P. P. Morajkar, *Ph.D.*, Assistant Professor - Physical Chemistry
M. S. Majik, *Ph.D.*, Assistant Professor - Analytical Chemistry
K. B. Deshpande, *Ph.D.*, Assistant Professor - Analytical Chemistry
G.N. Gururaja, *Ph.D.*, Assistant Professor - Analytical Chemistry

Visiting scholars

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Bengt Danielson	Lund university, Sweden	How can novel sensing devices and nanomaterials improve old biosensor technologies?	31 Oct 2014
Prof. G. Ranga Rao	IIT, Madras	Nano structured materials for energy storage	29 Dec 2014
Prof. Jean-Marie Lehn* (Nobel Laureate)	University of Strasbourg, France	Perspectives in Chemistry: From Molecular to Supramolecular Chemistry towards Adaptive Chemistry	20 Feb 2015
Prof. D. Basavaiah (F.N.A, F.A.Sc.)	School of Chemistry, University of Hyderabad	Baylis – Hilmann reaction	29 Apr 2015

*Prof. Jean-Marie Lehn delivered a public lecture organized by Goa University in the Shyama Prasad Mukherjee Multipurpose Stadium on the morning of 20 Feb 2015.

Major Thrust Areas:

- Solid State Chemistry; Synthetic Organic Chemistry; Polymer Chemistry; Catalysis; Crystal Growth; Theoretical Chemistry.
- The UGC has sanctioned an amount of Rs.1.8 crores to the department under special assistance programme (SAP) and has upgraded the department to DSA-I stage vide letter dated March 25, 2015 (funds yet to receive).

- DST (New Delhi) has sanctioned a grant of Rs.2.4 crores to the department under the FIST programme (funds yet to receive).
- UGC has sanctioned major research projects to Prof. S.G. Tilve & Prof. B.R. Srinivasan (totaling Rs.19 lakhs), Dr. P.R. Singh & Dr. M.S. Majik have each been sanctioned a fast track project by DST, New Delhi (totaling Rs.53 lakhs) (funds yet to receive).
- The department organized the first International seminar on Green Chemistry in the new premises, which was convened by Prof. S.G. Tilve. Leading scientists from India and around the world participated in this event.
- The research contributions of Prof. S.G. Tilve has been recognized in the form of a bronze medal awarded by the Chemical Research Society of India (CRSI) – to be conferred on Prof. Tilve in the annual CRSI meeting to be held in Feb. 2016.

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Majik, M.S.	Ongoing	Development of analytical methods and their application in biomolecular and environmental research	UGC BSR	6.00
Morajkar, P.P.	Ongoing	Synthesis of TiO ₂ /γ-Al ₂ O ₃ and TiO ₂ /γ-Al ₂ O ₃ /HY-Zeolite Nano Composites for Photocatalytic Oxidation of Environmentally Hazardous VOCs	UGC BSR	6.00
Nadkarni, V.S.	Ongoing	Development of Novel Polymeric Detectors for Selective Dosimetric Analysis	AERB, GoI	25.19
Salker, A.V.	Ongoing	Selective and Controlled Catalytic Oxidation of Chemically Sensitive Organic Substrate Over Metal Organic Compounds and Mixed Metal Oxides	CSIR	19.87
Salker, A.V.	Completed	Catalytic Redox Reaction of Hydrocarbons, Carbon Monoxide and Nitric Oxide Over Nano Based Catalysts	UGC	7.88
Santosh, G.	Ongoing	INSPIRE Faculty award	DST,	7.00
Singh, P.R.	Ongoing	Electrochemical Studies of Polycrystalline Gold and Platinum Electrodes in Surfactant and Ionic Liquid Media and its use for Study of Some Well Known Redox Systems	UGC BSR	6.00

Seminars/ Conferences, etc., organized

Programme	Dates	Major Sponsors
Demonstration cum Seminar (Deminar) on TLC - MS	15 Nov 2014	Shimadzu
Nat. Seminar on Recent Advances in Nanomaterials & Catalysis	5 Dec 2014	Goa University
Int. Conf. on Green Chemistry Catalysis and Environment (ICGC 2015)	22-24 Jan 2015	DSTE (Goa), DRDO, DST (New Delhi)
3. Ann. Home-coming cum Get-together after 25 years of M.Sc. Chemistry students of 1990-92 batch	26 Jan 2015	Chemistry Department Faculty and Alumni Association (CDFAA)
9. Intercollegiate T.Y. B.Sc. Chemistry Symp. on Fascinating World of Chemical Sciences	14 Mar 2015	Goa University & CDFAA

Research Publications :

Journal articles (* = SCI publications)

- *Banerjee, S.; Chattopadhyay, A.; Banerjee, A.; Haridas, M.; Saini, P.; Das, M.; Majik, M.S.; Maurya, Y.K. Synthesis and photophysical characterization of quasi push-pull dicyanodibenzodioxins and their anti-tumor activity against glioma cell line C6. *Bioorganic & Medicinal Chemistry Letters*. 25(4); 2015; 753-757. DOI: 10.1016/j.bmcl.2015.01.006
- *Bhat, C.; Bugde, S.T.; Tilve, S.G. Conhydrine: An account of isolation, biological perspectives and synthesis. *Synthesis-Stuttgart*. 46(19); 2014; 2551-2573. DOI: 10.1055/s-0034-1379023
- *Bhat, C.; Tilve, S.G. Recent advances in the synthesis of naturally occurring pyrrolidines, pyrrolizidines and indolizidine alkaloids using proline as a unique chiral synthon. *RSC Advances*. 4(11); 2014; 5405-5452. DOI: 10.1039/c3ra44193h
- *Chatterjee, A.; Khandare, D.G.; Saini, P.; Chattopadhyay, A.; Majik, M.S.; Banerjee, M. Amine functionalized tetraphenylethylene: a novel aggregation-induced emission based fluorescent chemodosimeter for nitrite and nitrate ions. *RSC Advances*. 5(40); 2015; 31479-31484. DOI: 10.1039/C4RA14765K.
- *Deoghare, C.; Baby, C.; Nadkarni, V.S.; Behera, R.N.; Chauhan, R. Synthesis, characterization, and computational study of potential itaconimide-based initiators for atom transfer radical polymerization. *RSC Advances*. 4(89); 2014; 48163-48173. <http://dx.doi.org/10.1039/c4ra08981b>
- *Dhumaskar, K.L.; Bhat, C.; Tilve, S.G. PDC-mediated tandem oxidative-Wittig Olefination. *Synthetic Communications*. 44(10); 2014; 1501-1506. DOI: 10.1080/00397911.2013.862725
- *Dhumaskar, K.L.; Meena, S.N.; Ghadi, S.C.; Tilve, S.G. Graphite catalyzed solvent free synthesis of dihydropyrimidin-2(1H)-ones/thiones and their antidiabetic activity. *Bioorganic & Medicinal Chemistry Letters*. 24(13); 2014; 2897-2899. DOI: 10.1016/j.bmcl.2014.04.099
- *Dhuri, S.N.; Lee, Y.; Seo, M.S.; Cho, J.; Narulkar, D.; Fukuzumi, S.; Nam, W. Mechanistic insight into the reactions of hydride transfer versus hydrogen atom transfer by a trans-

- dioxoruthenium(VI) complex. *Dalton Transactions*. 44(16); 2015; 7634-7642. DOI: 10.1039/c5dt00809c
- *Fondekar, K.P.P.; Malik, B.; Paknikar, S.K. Santonic acid: Zn-HCl-ether reduction and ceric ammonium nitrate oxidation. *Natural Product Research*. 28(19); 2014; 1567-1573. DOI: 10.1080/14786419.2014.927464
 - *Fujita, H.; Menezes, J.C.J.M.D.S.; Santos, S.M.; Yokota, S.; Kamat, S.P.; Cavaleiro, J.A.S.; Motokawa, T.; Kato, T.; Mochizuki, M.; Fujiwara, T.; Fujii, Y.; Tanaka, Y. Inulavosin and its benzo-derivatives, melanogenesis inhibitors, target the copper loading mechanism to the active site of tyrosinase. *Pigment Cell & Melanoma Research*. 27(3); 2014; 376-386. DOI: 10.1111/pcmr.12225.
 - FalDesai, M.S.; Kunkalekar, R.K.; Salker, A.V. Preparation, Characterization and NO-CO Redox Reaction Studies over Palladium and Rhodium Oxides Supported on Manganese Dioxide. *Bulletin of Chemical Reaction Engineering & Catalysis*, 10 (1); 2015; 98-103. DOI: 10.9767/bcrec.10.1.7802.98-103.
 - *Gawas, S.G.; Verenkar, V.M.S.; Mojumdar, S.C. Synthesis and characterization of Nickel Cobalt Zinc ferrous hydrazine fumarate. *Journal of Thermal Analysis and Calorimetry*. 119(2); 2015; 825-830. DOI: 10.1007/s10973-014-3850-z.
 - *Gawas, S.G.; Verenkar, V.M.S., Precursor combustion synthesis of nanocrystalline cobalt substituted nickel zinc ferrites from hydrazinated mixed metal fumarates. *Thermochimica Acta*. 605; 2015; 16-21. DOI: 10.1016/j.tca.2015.02.010
 - *Kadam, H.K. Molybdenum(VI) Dichloride Dioxide. *Synlett*. 25(12); 2014; 1793-1794. DOI: 10.1055/s-0034-1378226
 - *Kwon, Y.H.; Mai, B.K.; Lee, Y-M.; Dhuri, S.N.; Mandal, D.; Cho, K-B.; Kim, Y.; Shaik, S.; Nam, W. Determination of spin inversion probability, H-tunneling correction and regioselectivity in the two-state reactivity of nonheme iron(IV)-oxo complexes. *Journal of Physical Chemistry Letters*. 6(8); 2015; 1472-1476. DOI: 10.1021/acs.jpcclett.5b00527.
 - *Martins, S.; Fernandes, J.B. Catalyzed thermal decomposition of KClO₃ and carbon gasification. *Journal of Thermal Analysis and Calorimetry*. 119; 2014; 831-835. DOI: 10.1007/s10973-014-3907-z.
 - *Nagvenkar, A.; Naik, S.P.; Fernandes, J.B. Zinc oxide as a solid acid catalyst for esterification reaction. *Catalysis Communications*. 65; 2015; 20-23. DOI: 10.1016/j.catcom.2015.02.009.
 - *Naik, M.M.; Kamat, D.P.; Tilve, S.G.; Kamat, V.P. Molecular iodine catalyst promoted synthesis of chromans and 4-aryl-3,4-dihydrobenzopyran-2-ones via [3+3] cyclocoupling. *Tetrahedron*. 70(34); 2014; 5221-5233. DOI: 10.1016/j.tet.2014.05.093.
 - *Naik, M.M.; Tilve, S.G.; Kamat, V.P. Pyrrolidine and iodine catalyzed domino aldol-Michael-dehydrogenative synthesis of flavones. *Tetrahedron Letters*. 55(22); 2014; 3340-3343. DOI: 10.1016/j.tetlet.2014.04.051
 - *Naik, S.R.; Salker, A.V. Variation in the magnetic moment of Indium doped Ce_{0.1}Y_{2.9}Fe₅O₁₂ garnet relative to the site inversion. *Journal of Alloys and Compounds*. 600; 2014; 137-145. DOI: 10.1016/j.jallcom.2014.02.101

- *Naik, S.R.; Shripathi, T.; Salker, A.V. Preparation, characterisation and photoluminescent studies of Cr and Nd co-doped Ce:YAG compounds. *Journal of Luminescence*. 161; 2015; 335-342. DOI: 10.1016/j.jlumin.2015.01.040
- *Narulkar, D.D.; Patil, A.R.; Naik, C.C.; Dhuri, S.N. Synthesis, characterization, cis-Ligand substitution and catalytic alkane hydroxylation by mononuclear Nickel(II) complexes stabilized with tetradentate ripodal ligands. *Inorganica Chimica Acta*. 427; 2015; 248-258. DOI: 10.1016/j.ica.2015.01.009
- *Orlikova, B.; Menezes, J.C.J.M.D.S.; Ji, S.; Kamat, S.P.; Cavaleiro, J.A.S.; Diederich, M. Methylendioxy flavonoids: Assessment of cytotoxic and anti-cancer potential in human leukemia cells. *European Journal of Medicinal Chemistry*. 84; 2014; 173-180. DOI: 10.1016/j.ejmech.2014.07.003
- Pacini, C.; Morajkar, P.; Faure, P.; Burkle-Vitzthum, V.; Randi, A.; Lorgeoux, C.; Pironon, J.; Morel, D. Effect of the injection of a gas mixture (CO₂+O₂) onto residual hydrocarbons in a depleted oil reservoir: Experiments and modelling. *Energy Procedia*. 63; 2014; 7830-7835.
- *Parvatkar, P.T.; Kadam, H.K.; Tilve, S.G. Intramolecular Diels-Alder reaction as a key step in tandem or sequential processes: a versatile tool for the synthesis of fused and bridged bicyclic or polycyclic compounds. *Tetrahedron*. 70(18); 2014; 2857-2888. DOI: 10.1016/j.tet.2014.02.048
- *Petrosyan, A.M.; Srinivasan, B.R. On the existence of "L-arginine acetamide". *Journal of Thermal Analysis and Calorimetry*. 120(2); 2015; 1077-1078. DOI: 10.1007/s10973-015-4530-3.
- *Srinivasan, B.R. Can a 'magnesium sulfate admixed l-threonine' crystal be grown by slow evaporation solution growth method? *Optik - International Journal for Light and Electron Optics*. 125(22); 2014; 6706-6708.
<http://www.sciencedirect.com/science/article/pii/S0030402614010249>
- *Srinivasan, B.R. Comment on the paper "Crystal growth and spectroscopic characterization of Aloevera amino acid added lithium sulfate monohydrate: A non-linear optical crystal". *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*. 134; 2015; 574-576. DOI: 10.1016/j.saa.2014.06.158.
- *Srinivasan, B.R. Comments on the paper: 'Studies on structural, thermal and optical properties of novel NLO crystal bis L-glutamine sodium nitrate'. *Materials Letters*. 131; 2014; 373-374. DOI: 10.1016/j.matlet.2014.05.174
- *Srinivasan, B.R. On the existence of 'glycine barium nitrate potassium nitrate' crystal. *Optik - International Journal for Light and Electron Optics*. 125(14); 2014; 3606-3607. DOI: 10.1016/j.ijleo.2014.01.075
- *Srinivasan, B.R. On the existence of 'L-asparagine cadmium chloride monohydrate' crystal. *Optik - International Journal for Light and Electron Optics*. 125(12); 2014; 2927-2929. DOI: 10.1016/j.ijleo.2013.12.082
- Srinivasan, B.R. On the existence of potassium 'para-nitrophenolate dihydrate'. *Science Postprint*. 1(1); 2014; Article ID e00033. DOI: 10.14340/spp.2014.09A0004

- *Srinivasan, B.R. On the existence of 'thiourea urea magnesium chloride' and 'urea thiourea sodium chloride'. *Journal of Thermal Analysis and Calorimetry*. 119(2); 2015; 985-988. DOI: 10.1007/s10973-014-4259-4
- *Srinivasan, B.R.; Keerthika, N. Reinvestigation of crystal growth of thiosemicarbazide potassium chloride and thiosemicarbazide lithium chloride. *Optik - International Journal for Light and Electron Optics*. 124(17); 2014; 4807-4809. DOI:10.1016/j.ijleo.2014.04.054
- *Srinivasan, B.R.; Moovendaran, K.; Natarajan, S. Comments on 'Crystal growth, spectral, optical, and thermal characterization of glycyl-L-alanine hydrochloride (GLAH) single crystal'. *Journal of Thermal Analysis and Calorimetry*. 118; 2014; 1397-1399. DOI: 10.1007/s10973-014-4164-x
- *Srinivasan, B.R.; Nadkarni, V.S. Is 1-(4-fluorostyryl)-4-nitrostilbene a novel nonlinear optical crystal? *Optik - International Journal for Light and Electron Optics*. 125(19); 2014; 5558-5559. DOI: 10.1016/j.ijleo.2014.07.042
- *Srinivasan, B.R.; Naik, S.G.; Dhavskar, K. Comments on the paper "Studies on growth and characterization of a novel nonlinear optical and ferroelectric material: N,N-dimethylurea picrate single crystal". *Journal of Crystal Growth*. 409; 2015; 62-64. <http://www.sciencedirect.com/science/article/pii/S0022024814006423>
- *Srinivasan, B.R.; Natarajan, S.; Gururaja, G.N. Comments on the papers recently published by Sangeetha et al... *Journal of Thermal Analysis and Calorimetry*. 120(2); 2015; 1071-1075. DOI: 10.1007/s10973-015-4501-8
- *Srinivasan, B.R.; Shyama, S.K.; Naik, S.G.; Jyai, R.N. On the existence of 'bis (L-glutamine) potassium nitrate' crystal. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*. 136(B); 2015; 334-337. DOI: 10.1016/j.saa.2014.08.148
- *Torney, P.; Shirsat, R.N.; Tilve, S.G. Molecular Iodine assisted electrocyclisation: Synthesis of Arcyriaflavin A and formal synthesis of Staurosporinone. *Synlett*. 25(15); 2014; 2121-2126. DOI: 10.1055/s-0034-1378536
- *Velho-Pereira, S.; Noronha, A.; Mathias, A.; Zakane, R.; Naik, V.; Naik, P.; Salker, A.V.; Naik, S.R. Antibacterial action of doped CoFe₂O₄ nanocrystals on multidrug resistant bacterial strains. *Materials Science and Engineering: C*. 52; 2015; 282-287. DOI: 10.1016/j.msec.2015.03.046

Articles in Books and Conference Proceedings :

- Coutinho, D.M.; Verenkar, V.M.S. Magnetic and Dielectric properties of nanocrystalline nickel cobalt ferrite synthesized by precursor combustion technique. *5. Interdisciplinary Symposium on Materials Chemistry (ISMC-2014)*. DAE-BRNS, BARC, Mumbai 9-13 Dec 2014. 2014; 367-368.
- Gawas, S.G.; Verenkar, V.M.S.; Meena, S.S.; Bhat, P. The magnetic and Mossbauer spectroscopic investigation of magnetism in Co-Ni-Zn Ferrites. *5. Interdisciplinary Symposium on Materials Chemistry (ISMC-2014)*. DAE-BRNS, BARC, Mumbai 9-13 Dec 2014. 2014; 353-354.
- Salker, A.V. Solar-light-assisted photo-degradation of azo dyes using some transition metal oxides. *Solar Radiation Applications. Ed. by Segun Raphael Bello. InTech*. 2015; 75-86. DOI: 10.5772/59962

Patents

- Salker, A.V.; Kunkalekar, R.K. Complete conversion of carbon monoxide to carbon dioxide over the catalyst at room temperature. Indian Patent Number: 265758; Grant Date 13 Mar 2015.

PhDs

Degrees awarded:01 Submitted: 01 Students on roll:34

Invited Lectures, Conference Presentations, etc.

Invited Lectures

- Shirsat, R. N. Lecture on Quantum Chemistry. *J.S.S. College, Gokak, Karnataka*. 30 Nov 2014.

Conference presentations

- Bakre, P.V.; Tilve, S.G. Synthesis of TiO₂ nanoparticles via monocarboxylic acid templates and their comparison in the visible light photocatalytic degradation of methylene blue. *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Coutinho, D.M., Verenkar, V.M.S. Combustion synthesis, structural, magnetic and dielectric properties of nanocrystalline Cd substituted Ni-Co ferrite. *Nat. Conf. on Frontiers in Chemical and Material Sciences (FCMS)*. Shivaji University, Kolhapur. 16-17 Jan 2015, page No.17 (ID No. OP03)
- Desai, P.P.G.; Verenkar, V.M.S. Synthesis, characterization, structural and magnetic studies of Ni_{0.7}Zn_{0.3}Fe₂O₄ prepared by precursor combustion method. *Nat. Conf. on Frontiers in Chemical and Material Sciences (FCMS)*. Shivaji University, Kolhapur. 16-17 Jan 2015, page No. 81 (ID No. PP53).
- Dhuri, S.N. Mechanistic Insight into Hydroxylation of alkanes by a nonheme iron(IV)-oxo complex. 2014. *The Summer Bio-inorganic Chemistry Symp.* Ewha Womans University, Seoul, Korea. 11-12 Jul 2014.
- Dhuri, S.N. Mechanistic Insight into Hydride Transfer and H-atom abstraction by a Trans-dioxoruthenium(VI) complex. *7. Asian Biological Inorganic Chemistry Conf., Gold Coast, Australia*. Griffith University and the University of Queensland, Australia. 30 Nov-5 Dec 2014.
- Fernandes, J.B. Manganese OMS-2: A versatile catalytic material for green chemical processes (Invited lecture). *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Fernandes, J.B. Frontiers of Colloidal Science (Keynote address). *State Level Seminar on Advances in Colloid Chemistry*. Chowgule College, Margao, 14 Feb 2015.
- Gawas U.B.; Verenkar, V.M.S. Effect of Cu-substitution on structural, dielectric and magnetic properties of Ni-Zn ferrite nanoparticles. *Nat. Conf. on Emerging Trends in Chemistry and Materials Science*. KLS Gogte Institute of Technology, Belgaum, Karnataka. 13 Oct 2014.
- Gawas, S.G.; Verenkar, V.M.S. Effect of Mg substitution on magnetic properties of Ni-Zn ferrites. *Nat. Conf. on Frontiers in Chemical and Material Sciences (FCMS)*. Shivaji University, Kolhapur. 16-17 Jan 2015. Page No.64 (ID No. PP36).
- Gonsalves, L.R.; Verenkar, V.M.S. Effect of zinc substitution and grain size variation on the magnetic properties of cobalt ferrites. *Nat. Conf. on Frontiers in Chemical and*

Material Sciences (FCMS). Shivaji University, Kolhapur. 16-17 Jan 2015, page No.72 (ID No. PP44).

- Kamat, D.P.; Naik, M.M.; Parvatkar, P.T.; Parameswaran, P.S.; Kamat, V.P.; Tilve, S.G. Iodine catalyzed synthesis of structurally diverse fused heterocyclic compounds, *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Naik, D.G.; Nadkarni, V.S. Polymerization of triallyl phosphate (TAP) and mixture of (ADC-TAP) and application in solid state nuclear track detection (Poster). *Nat. Conf. on Emerging Areas in Chemical Education and Research & National Convention of Chemistry Teachers (NCCT 2014)*. IIS University, Jaipur. 16-18 Oct 2014.
- Naik, M.M.; Dhumaskar, K.L.; Tilve, S.G. Solventless and catalyst-free synthesis of bis(indolyl)methanes and benzopyrano[2,3,d]pyrimidines. *Intl. Conf. on Green Chemistry: Catalysis, Energy and Environment (ICGC)*, Goa University, Goa, 22-24 Jan 2015.
- Naik, M.M.; Kadam, H.; Khan, S.; Kunkalkar, R.; Parsekar, S.; Naik, S.; Dhumaskar, K.L.; Tilve, S.G. Graphite catalyzed green synthesis of quinoxalines, 3-substituted indoles and dihydropyrimidin-2(1H)-ones/thiones. *Intl. Conf. on Green Chemistry: Catalysis, Energy and Environment (ICGC)*, Energy and Environment (ICGC), Goa University, Goa, 22-24 Jan 2015.
- Salker, A.V. Photocatalytic degradation of textile dye by metal oxides using sun light. *Int. Conf. on Green Technologies for Environmental Protection*. V.V. College of Sci. & PG studies, Hyderabad. 29-30 Dec 2014.
- Salker, A.V. Influence of alkaline earth metal substitution in LaMnO₃ for catalytic detoxification of NO and CO. *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Salker, A.V. Studies on photodegradation of naphthol blue black dye using Sn(1-x)Mn(x)O₃ photocatalyst. *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Salker, A.V. Detoxification and monitoring of toxic gases over nano-materials (Invited lecture). *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Shete, M.D.; Fernandes, J.B. Investigation of magnetic zinc oxide/graphene nanocomposites as high performance catalyst, *22. Nat. Symp. in Catalysis (CATSYMP)*. CSIR-CSMCRI, Bhavnagar, 7-9 Jan 2015.
- Shete, M.D.; Fernandes, J.B. Synthesis of TiO₂ as a catalyst for esterification reaction. *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Tilve, S.G. Synthesis of heterocyclic scaffolds using domino and green conditions in organic syntheses (Invited lecture). *Int. Conf. on Green Chemistry*. Goa University. 22-24 Jan 2015.
- Volvoikar, P.S.; Tilve, S.G. Intramolecular Dehydrogenative Cross Coupling for the Synthesis of N-methyl Isocryptolepine iodides. *Transcending Frontiers in Organic Chemistry (TFOC-2014)*. CSIR-NIIST, Trivandrum. 9-11 Oct 2014.
- Volvoikar, P.S.; Tilve S.G. Synthesis of Indoloquinoline alkaloid Cryptolepine and Iso-cryptolepine using tandem reductive cyclisation and intramolecular dehydrogenative coupling *10. Jr. Nat. Organic Symp. Trust (J-NOST) Conf.* IIT (Madras), Chennai. 4-6 Dec 2014.

Department of Mathematics

Faculty:

Full-time

Jayanthan, A.J., Ph.D., Associate Professor and Head – Topology

Y.S. Valaulikar, Ph.D., Associate Professor - Differential difference equations

A. N. Mohapatra, Ph.D., Associate Professor - Operator Theory

Manvendra Tamba, Ph.D., Assistant Professor - Lie Algebra, Number Theory

M. Kunhanandan, Ph.D., Assistant Professor - Inverse Problems, Combinatorics

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Mathematics Training and Talent Search Programme	11 May-12 Jun 2015	NBHM (DAE)
International School on Modular-Functions	7 Dec 2014 to 17 Dec 2014	NBHM (DAE)

Research publications:

Articles in journals (in SCI Journals)*

- *Shobha, M.E.; George, S.; Kunhanandan, M. A two step Newton type iteration for ill-posed Hammerstein type operator equations in Hilbert scales. *Journal of Integral Equations and Applications*. 26(1); 2014; 91-116. <http://projecteuclid.org/euclid.jiea/1397764955>
- Argyros, I.K.; George, S.; Kunhanandan, M. Iterative regularization methods for ill-posed Hammerstein-type operator equations in Hilbert scales. *Studia Universitatis Babeş-Bolyai Mathematica*. 59(2); 2014; 247-262. <http://www.cs.ubbcluj.ro/~studia-m/2014-2/11-argyros-final.pdf>
- Tamba, M. Note on a partition function which assumes all integral values. *Turkish Journal of Analysis and Number Theory*. 2(6); 2014; 220-222. DOI: 10.12691/tjant-2-6-5

PhDs:

Students on roll:05

Invited lectures, Conference Presentations, etc.

Conference presentations:

- Jayanthan, A.J. Introduction to Braid groups. *Nat. Conf. on Recent Trends in Applicable Mathematics*. Bharata Mata College, Thrikkakkara. 8-20 Sep 2014.
- Kunhanandan, M. van der Waerden's Theorem: A pearl of Number Theory (Invited talk). *Int. Conf. on Mathematical and Computational Sciences*. Don Bosco College, Angadikadavu, Kerala. 22-24 Jan 2015.
- Mohapatra, A.N. Hyers-Ulam stability for third order ordinary differential equations. *Nat. Conf. on Applied Mathematics: Numerical Analysis, Algebra and Computational Mathematics*. Department of Mathematics, KLE Society's Gudleppa H Allikeri College, Haveri, and Karnataka Rajya Vijnana Parishat. 30-31 Jan 2015.

Department of Computer Science & Technology

Faculty:

Full-time

- **P.R. Rao**(Retired in July 2014),*Ph.D.*, Professor - Theoretical Computer Science, Data Mining
- **Venkatesh V. Kamat**, *M.Phil, Ph.D*,**Professor and Head** - Computer Graphics, CAD, Education Technology
- **Jyoti D. Pawar**, *MCA, Ph.D.*,Associate Professor - Data Mining, Data Structures, Natural Language Processing (NLP)
- **Yma Pinto**, *MCA*, Associate Professor - Data Base Management Systems (DBMS), Computer Science Education (CSE)
- **RamraoWagh**, *MCA.*,Associate Professor - Software Engineering, Geographical Information Systems (GIS), Educational Technology
- **S. Baskar**, *M.Sc.*,Associate Professor - Compiler Construction, Machine Learning
- **RamdasKarmali**, *MCA.*,Assistant Professor – Data Communication, Web Technology, Natural Language Processing (NLP)
- **Payaswini P**, *M.Sc (Computer Science)*, Assistant Professor - Data communication and networking, Data structure.

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Silvia Giordano	University of Applied Science, Switzerland	Mobile Hoc Networking: Cutting edge Directions	26 Sep 2014
Dr. Jaya Sreevalsan Nair	IIIT Bangalore	Visualization	26 Sep 2014
Dr. Arati Dixit	Savitribai Phule (Pune) University	Life and Work of ShafiGoldwasser	26 Sep 2014
Dr. Nutan Limaye	IIT Bombay	Theoretically speaking: The Why and How of Efficient Computation	26 Sep 2014
Makarand Tapaswi	Karlsruhe Institute of Technology, Germany	Teaching a Computer to Understand Videos	9 Jan2015

Major Thrust Areas and Achievements:

- Education Technology
- Visual Computing
- Natural Language Processing
- Machine Learning

Incremental Infrastructure: A new air-conditioned computing laboratory with ceiling mounted LCD projector established for MCA students with a seating capacity of 30.

SR. NO	ITEM	QTY
1	Desktops	45
2	15KVA Online UPS	1
3	LCD Projectors	3
4	Laptop	2

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Kamat, V.V.	Ongoing	CAD-Elearn Project	Govt. of Goa	10.00
Pawar, J.D. (PI); Karmali, R.N. (Co-PI),	Ongoing	“Indian Language Corpora Initiative (ILCI)” - Phase 2 carried out in consortium mode for seventeen Languages by sixteen institutes. Work for Konkani carried out at Goa University.	Department of electronics and information technology (DeitY), New Delhi.	45.43
Karmali, R.N. (PI), Pawar, J.D. (Co-PI), Wagh, R.S. (Co-PI), Desai, S.N. (Co-PI)	Ongoing	“Shallow Parser Tools for Indian Languages (SPT-IL)” carried out in Consortium mode for twelve languages by ten institutes. Work for Konkani carried out at Goa University.	Department of electronics and information technology (DeitY), New Delhi.	36.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
All India Programming Content for Girl students	25 Sep 2014	Reliscore, Pune
ACM-W India All India Celebration of Women in Computing 2014	26 Sep 2014	ACM India, Microsoft, Oracle, Persistent Systems, Department of IT, Goa
Workshop on Network Management	2-14 Dec 2014	Nettech Pvt. Ltd., Kolkata
11 th Int. Conf. on Natural Language Processing (ICON) 2014	18-21 Dec 2014	Microsoft; Linguistic Data Consortium for Indian Languages(LDC-IL), Mysore and Department of IT, Goa
iDravidian 2014: Symp. on Natural Language Processing for Dravidian Languages	17 Dec 2014, Co-located with ICON 2014	Microsoft; Linguistic Data Consortium for Indian Languages(LDC-IL), Mysore and Department of IT, Goa
ACM India Annual Event	6-7 Feb 2015	ACM India, Microsoft, Oracle India, Persistent Systems

Research publications:

Articles in journals (* in SCI Journals)

- Jadhav, S.; Joshi, M.; Pawar, J.D. Towards automation and classification of BharataNatyam dance sequences. *International Journal of Computer Science and Applications*. 11(2); 2014; 93-104. <http://www.tmrfindia.org/ijcsa/v11i27.pdf>
- Jadhav, S.; Joshi, M.; Pawar, J.D. Art to SMart: An automated BharataNatyam dance choreography. *Applied Artificial Intelligence*. 29(2); 2015; 148-163. DOI: 10.1080/08839514.2015.993557
- Paul, D.V.; Pawar, J.D. An evolutionary approach for question selection from a question bank: A case study. *International Journal of ICT Research and Development in Africa*. 4(1); 2014; 61-75. <http://www.igi-global.com/article/an-evolutionary-approach-for-question-selection-from-a-question-bank/114130>
- Paul, D.V.; Pawar, J.D. Elitist-multi-objective differential evolution for multiple question paper generation. *International Journal of Web Applications*. 6(2); 2014; 43-56. <http://www.dline.info/ijwa/fulltext/v6n2/1.pdf>
- Paul, D.V.; Pawar, J.D. Use of common-word order syntactic similarity metric for evaluating syllabus coverage of a question paper. *International Journal of Web Applications*. 6(2); 2014; 68-81. <http://www.dline.info/ijwa/fulltext/v6n2/3.pdf>

Articles in Books, Conference proceedings:

- Desai, S.; Desai, N.; Pawar, J.D.; Bhattacharya, P. AutoParSe: An automatic paradigm selector for nouns in Konkani. *Proc. 11th . Int. Conf. on Natural Language Processing, Goa, India*. 2014; 154-162.
- Desai, S.; Pawar, J.D.; Bhattacharya, P. A framework for learning morphology using suffix association matrix. *Proc. 5th Workshop on South and Southeast Asian NLP; 25. Int. Conf. on Computational Linguistics, Dublin, Ireland, 23-29 Aug 2014; 28-36.*
- Gauns-Dessai, K.G.; Kamat, V.V. Fair and non-repudiable protocol for exchange of examination question paper and answer-scripts. *IEEE 6th Int. Conf. Technology for Education (T4E)*. 2014; 120-121. DOI: 10.1109/T4E.2014.61
- Gauns-Dessai, K.G.; Kamat, V.V.; Wagh, R.S. Effective use of rubrics in computer assisted subjective answer-script evaluation. *IEEE 6th Int. Conf. Technology for Education (T4E)*. 2014; 95-98. DOI: 10.1109/T4E.2014.33
- Jadhav, S.; Arus, A.; Joshi, M.; Pawar, J.D. An automated stick figure generation for BharataNatyam dance visualization. *ICONIAAC '14 October 10 - 11 2014, Amritapuri, India*. DOI: 10.1145/2660859.2660917
- Naik, S.B.; Pawar, J.D. A quick algorithm for incremental mining of closed frequent item-sets over data streams. *Proc. 2th ACM IKDD Conference on Data Sciences (CoDS '15)*. *ACM*. 2015; 126-127. DOI: 10.1145/2732587.2732611
- Paul, D.V.; Pawar, J.D. Use of syntactic similarity based similarity matrix for evaluating descriptive answer. *IEEE 6th Int. Conf. Technology for Education (T4E)*. 2014; 253-256. DOI: 10.1109/T4E.2014.60
- Paul, D.V.; Pawar, J.D. A multi-objective differential evolution approach for question selection problem. *Proc. 5th IEEE Int. Conf. on the Applications of Digital Information and Web Technologies (ICADIWT)*. 2014; 240-246.
- Paul, D.V.; Pawar, J.D. A syllabus-fairness measure for evaluating open-ended questions. *Advances in Signal Processing and Intelligent Recognition Systems, Ed. By: S.M. Thampi, A. Gelbukh and J. Mukhopadhyay. Advances in Intelligent Systems and Computing Series 264*. Springer. 2014; 57-71.

PhDs:

Degree awarded:01 Submitted: 03 On roll: 08

Invited Lectures, Conference Presentations, etc.*Invited lectures:*

- Kamat, V.V. Reverse engineering design (Invited talk). *Nat. Seminar on Recent Trends in Information Technology (NS-RTIT-2015)*. Chhatrapati Shahu Institute of Business Education and Research, Kolhapur. 6-7 Mar 2015.

Conference Presentations:

- Desai, S.; Pawar, J.D.; Bhattacharyya, P. Staged approach for grammatical gender identification of nouns using association rule mining and classification. *16. Int. Conf. on Intelligent Text Processing and Computational Linguistics, Cairo, Egypt. 14-20 Apr 2015.*
- Prabhugaonkar, N.; Pawar, J.D.; Bhattacharyya, P. Word sense induction for better lexical choice. *16. Int. Conf. on Intelligent Text Processing and Computational Linguistics, Cairo, Egypt. 14-20 Apr 2015.*

Department of Physics

Faculty:

Full-time

R.B. Tangsali, Ph.D., Professor and Head - Condensed matter Physics (Theoretical Physics, Nano materials)

J. A. E. Desa, Ph.D. Professor Structures of Disordered Materials

Ramesh V. Pai, Ph.D., Professor - Condensed Matter Physics

Kaustubh Priolkar, Ph.D., Professor - Experimental Condensed Matter Physics, XAFS Spectroscopy

Uma Subramanian, Ph.D., Associate Professor - Experimental Solid State Physics

UGC-Recharge Faculty:

- Dr. Bholanath Pahari
- Dr. Sudhir Cherukulappurath

Major thrust areas and achievements:

- The major thrust area of the Department is Condensed Matter Physics, the faculty under this subject area are pursuing research programs in diverse areas ranging from functional nanomaterials involving magnetic materials their thin films, rare-earth doped ferrites, various types of hexa-ferrites, long standing radiation effects on nanomagnetic materials, Dilute Magnetic Semiconductors (DMS), nanostructures of PVA doped Gels, nano and micro glass spheres, nanoporous media like clays, structural studies of glasses, luminescent and functional nano materials, shape memory alloys, ZnO-TiO₂ functional materials, sensors, long lasting Luminescence biomarkers, materials for magneto-caloric applications, Shape memory alloys, luminescent studies of ocean waters through an NIO collaboration etc. in Experimental Physics to Cold atoms, Bosonic systems and lattices in theoretical Physics. Several different experimental investigations are being explored using most modern tools like XRD, EXAFS, Neutron diffraction, SANS, GIXRD, XAS, IR, UV, TG/DTA, DSC and Mossbauer spectroscopy as well as XMCD techniques. Sophisticated imaging techniques like TEM, AFM, SPM, SEM are employed for particulate property studies in addition to A.C. temperature dependent susceptibility, SQUID, VSM, LCR Q-meter that are employed for magnetic investigations. In addition, transport property investigations as a function of temperature are carried out on these materials. The Department although small in terms of the faculty strength, is involved in collaborations with research faculty coming from national and international institutes and research laboratories of eminence. The faculty, the research scholars, and few M.Sc. students have presented a variety of research papers in national/international conferences and have also delivered several invited talks during this period.
- In the year June 2014 the Department was enriched with two UGC- recharge Faculty who are specialized in application of Solid State NMR spectroscopy of functional materials like energy storage, magnetic, and superconducting materials and Nanophotonics with focus of surface plasmon based phenomena, devices including surface-enhanced Raman spectroscopy and surface plasmon sensing.

Incremental Infrastructure:

- Up gradation of infrastructure is a continuous ongoing process. During this period of 2014-15 the Department has upgraded both M.Sc. teaching and research laboratories by procuring new equipments to supplement the equipment damaged beyond repair. Some Computers to augment the computer laboratory and spares to rectify existing faulty machines were also obtained. The Department has initiated the process of reorganizing the research laboratories, utilizing the extra space allocated to the Department by rational distribution of the research equipment currently housed in much smaller rooms having inadequate ventilation and space for equipment and researchers/students to work. The Department is also getting ready to house the new equipment and the library books facility that will be procured under DST-FIST and UGC SAP proposals.

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
Desa, J.A.E.	Ongoing	Temperature Dependent Studies of Some Glass Structures and Structures of Some Superparamagnetic Glasses	UGC-DAE	1.05
Desa, J.A.E.	Completed	Structural and Optical Properties of Rare-Earth Doped Borate Glasses	UGC-DAE	1.05
Pai, R.V.	Ongoing	Cluster mean-field theory for Bose-Hubbard model	DSTE, Goa	2.18
Pai, R.V.	Ongoing	Random-Phase-Approximation Excitation Spectra for Bose-Hubbard Models	CSIR	4.57
Priolkar, K.R.	Ongoing	Mechanisms of New Long Lasting Luminescence Biomarkers	Indo French Commission for Promotion of Advanced Research (IFCPAR)	83.5
Priolkar, K.R.	Ongoing	Effect of Structural disorder on Martensitic transformation in Shape Memory Alloys	SERB, DST, GoI	59.2
Priolkar, K.R.	Completed	Study of Magneto-elastic Coupling in Antiperovskites	Board of Research in Nuclear Sciences, Trombay, Mumbai	22

Pahari, B.	Ongoing	Structural investigations of transparent conducting oxide nanoparticles by advanced high-resolution NMR.- UGC-Startup grant	UGC	6.00
Cherukulappurath, S.	Ongoing	UGC-Startup grant	UGC	6.00

Seminars, Conferences/Workshops, etc.,organised

Programme	Dates	Funding
Refresher Course in Experimental Physics	11-26 Nov 2014	UGC
Refresher Course in Experimental Physics	13-28 May 2015	UGC

Research publications:

Articles in journals (in SCI Journals)*

- *Ahuja, B.L.; Dashora, A.; Mund, H.S.; Priolkar, K.R.; Yusuf, S.M.; Itou, M.; Sakurai, Y. Temperature-dependent spin magnetization density in Mn-rich Ni-Mn-Sn shape memory alloy by magnetic Compton scattering. *EPL - Europhysics Letters*. 107(2); 2014; Article ID 27005. DOI: 10.1209/0295-5075/107/27005
- *Basavaraju, N.; Priolkar, K.R.; Bessiere, A.; Gourier, D.; Viana, B. Order and disorder around Cr³⁺ in chromium doped persistent luminescent AB₂O₄ spinels. *Physical Chemistry Chemical Physics*. 2015(17); 2015; 10993-10999. DOI: 10.1039/C5CP01097G
- *Basavaraju, N.; Priolkar, K.R.; Gourier, D.; Sharma, S.K.; Bessiere, A.; Viana, B. The importance of inversion disorder in the visible light induced persistent luminescence in Cr³⁺ doped AB₂O₄ (A = Zn or Mg and B = Ga or Al). *Physical Chemistry Chemical Physics*. 2015(17); 2015; 1790-1799. DOI: 10.1039/C4CP03866E
- *Dias, E.T.; Priolkar, K.R.; Cakir, O.; Acet, M.; Nigam, A.K. Effect of composition on magnetocaloric properties of Mn(3)Ga(1-x)Sn(x)C. *Journal of Applied Physics*. 17(12); 2015; Article ID 123901. DOI: 10.1063/1.4916095
- *Ingle, K.; Priolkar, K.R.; Pal, A.; Awana, V.P.S.; Emura, S. Local structural distortions and their role in superconductivity in SmFeAsO_{1-x}F_x superconductors. *Superconductor Science & Technology*. 27(7); 2014; Article ID 075010. DOI: 10.1088/0953-2048/27/7/075010
- *Ingle, K.E.; Priolkar, K.R.; Zargar, R.A.; Awana, V.P.S.; Emura, S. publication in Superconductor Science and Technology Importance of structural distortions in enhancement of transition temperature in FeSe_{1-x}Te_x superconductors. *Superconductor Science and Technology*. 28(1); 2015; Article ID 015015-. DOI: 10.1088/0953-2048/28/1/015015
- *Joseph, J.; Tangsali, R.B.; Pillai, V.P.M.; Choudhary, R.J.; Phase, D.M.; Ganeshan, V. Microstructure and magnetic properties of patterned nano crystalline zinc ferrite thin film fabricated by pulse laser deposition. *Materials Research Bulletin*. 61(0); 2015; 475-480. DOI: 10.1016/j.radphyschem.2014.04.038 (see the corrected copy)
- *Joseph, J.; Tangsali, R.B.; Pillai, V.P.M.; Choudhary, R.J.; Phase, D.M.; Ganeshan, V. Microstructure and magnetic properties of patterned nano crystalline zinc ferrite thin film fabricated by pulse laser deposition. *Materials Research Bulletin*. 61; 2015; 475-480. DOI: 10.1016/j.materresbull.2014.10.061

- *Joseph, J.; Tangsali, R.B.; Pillai, V.P.Mahadevan; Choudhary, R.J.; Phase, D.M.& Ganeshan, V. Structure and magnetic properties of highly textured nanocrystalline Mn-Zn ferrite thin film . *Physica B: Condensed Matter*. 456; 2015; 293-297. DOI: 10.1016/j.physb.2014.09.015
- *Lobo, D.N.; Priolkar, K.R.; Emura, S.; Nigam, A.K. Ferromagnetic interactions and martensitic transformation in Fe doped Ni-Mn-In shape memory alloys. *Journal of Applied Physics*. 116(18); 2014; Article ID 183903. DOI:10.1063/1.4901469
- *Priolkar, K.R. Role of local disorder in martensitic and magnetic interactions in Ni-Mn based ferromagnetic shape memory alloys. *Physica Status Solidi (b)*. 251(10); 2014; 2088-2096. DOI: 10.1002/pssb.201451028
- *Raut-Dessai, R.; Desa, J.A.E.; Sen, D.; Mazumder, S. A small angle neutron scattering study of isolated nanopores in a ceramic. *Journal of Alloys and Compounds*. 628; 2015; 97-101. DOI: 10.1016/j.jallcom.2014.11.215
- *Sharma, S.K.; Bessiere, A.; Basavaraju, N.; Priolkar, K.R.; Binet, L.; Viana, B.; Gourier, D. Interplay between chromium content and lattice disorder on persistent luminescence of ZnGa₂O₄:Cr³⁺ for in vivo imaging. *Journal of Luminescence*. 155; 2014; 251-256. DOI: 10.1016/j.jlumin.2014.06.056
- *Singh, M.; Mishra, T.; Pai, R.V.; Das, B.P. Quantum phases of attractive bosons on a Bose-Hubbard ladder with three-body constraint. *Physical Review A*. 90(1); 2014; Article ID 013625. DOI: 10.1016/j.jlumin.2014.06.056
- Joseph, J.; Tangsali, R.B.; Gurav, S.M. Synthesis, characterization and Transport properties of Co(x)Zn(1-x)Fe₂O₄ Nanoparticles. *IOP Conf. Series: Materials Science and Engineering*. 73; 2015; Article ID 012098. DOI: 10.1088/1757-899X/73/1/012098
- Joseph, J.; Tangsali, R.B.; Pillai, V.P.M.; Choudhary, R.J.; Phase, D.M.; Ganeshan, V. Magnetic properties of textured nanocrystalline Mn-Zn ferrite thin films fabricated by pulsed laser deposition. *International Journal of Thin Films Science and Technology*. 3(3); 2014; 81-87. <http://www.naturalspublishing.com/Article.asp?ArtcID=6042>
- Naik, P.; Tangsali, R.B.; Sonaye, B.; Sugur, S. Sustained augmentation in electrical properties of Mn_xZn_{1-x}Fe₂O₄ nanoparticles provoked by high energy gamma radiation. *Journal of Nanotechnology and Advanced Materials*. 3(1); 2015; 27-38. <http://naturalspublishing.com/Article.asp?ArtcID=6987>
- Patil, P.N.; Subramanian, U. Thermoluminescence (TL) studies in KCl (pure), KBr (pure), KCl-KBr mixed crystals above room temperature. *International Journal of Advances in Management, Technology and Engineering Sciences*. 4(6(I)); 2015; 14-22.
- Sundar Rajan, A., Ravikumar, M., Priolkar, K. Sampath S. Shukla A. K. Carbonyl-iron electrodes for rechargeable-iron batteries. *Electrochemical Energy Technology*. 1(1); 2015; DOI: 10.2478/eetech-2014-0002

PhDs:

Degrees awarded:01 Students on Roll:15

Invited Lectures, Conference Presentations, etc.

Invited Lectures:

- Priolkar, K.R. EXAFS I to II. *CSR Lecture Series*, UGC-DAE Consortium Indore. 4-5 Sep 2014.
- Priolkar, K.R. EXAFS as a tool for understanding mechanism in functional materials. *MRSI medal Lecture*, University of Rajasthan, Jaipur and Materials Research Society of India. 10 Feb 2015.
- Priolkar, K.R. at *Experimental Physics Refresher Course*, Indian Academy of Sciences, Bangalore. 21 Feb 2015.
- Priolkar, K.R. Story of shape memory effect. *In-house Seminar*, Goa University. Dept. of Physics. 27 Feb 2015.

Conference presentations:

- Deepak Kumar, M.; D'souza, A.; Chatim, M.; Naik, V.; Naik, P.P.; Tangsali, R.B. Effect of rare-earth doping on magnetic and electrical transport properties of nanoparticle Mn-Zn ferrite. *Int. Conf. on Nanotechnology (NANOCON 2014)*. Bharati Vidyapeeth, Pune. 14-15 Oct 2014.
- Desa, J.A.E. Effect of holmium ions on cross-link regions of PVA-Borax hydrogels. *5. Nat. Conf. on Neutron Scattering (CNS-2015)*. Bhabha Atomic Research Centre, Mumbai and Neutron Scattering Society of India. 2-5 Feb 2015.
- Desa, J.A.E. SANS studies of the effect of pressure and hydration on the nano-porous structure of bentonite clay (Poster). *5. Nat. Conf. on Neutron Scattering (CNS-2015)*. Bhabha Atomic Research Centre, Mumbai and Neutron Scattering Society of India. 2-5 Feb 2015.
- Desa, J.A.E. Structure of neodymium doped borate glass by neutron diffraction. *5. Nat. Conf. on Neutron Scattering (CNS-2015)*. Bhabha Atomic Research Centre, Mumbai and Neutron Scattering Society of India. 2-5 Feb 2015.
- Joseph, J.; Tangsali, R.B.; Pillai, V.P.M.; Choudhary, R.J.; Phase, D.M.; Ganeshan, V. Microstructure and magnetic properties of nanocrystalline manganese ferrite thin film fabricated by pulse laser deposition. *Int. Conf. on Nanotechnology (NANOCON 2014)*. Bharati Vidyapeeth, Pune. 14-15 Oct 2014.
- Kundaikar, G.V.S.; Tangsali, R.B.; Pissurlekar, V.J.; Budkule, J.S. Synthesis of uniform size superparamagnetic grains of $\text{MnxZn(1-X)Fe}_2\text{O}_4$ ferrites by precursor based autocombustion method. *Int. Conf. on Nanotechnology (NANOCON 2014)*. Bharati Vidyapeeth, Pune. 14-15 Oct 2014.
- LokeswaraRao, P.; Reddy, J.Y.; Pahari, B.; Ramanathan, K.V. Spectral editing and NMR signal enhancement by different CP techniques. *NMRS-2015*.
- Naik, P.P.; Tangsali, R.B.; Sonaye, B.; Sugur, S. Gamma radiation stimulated unwavering structural and magnetic refinement in $\text{MnxZn}_{1-x}\text{Fe}_2\text{O}_4$ nanoparticles. *Int. Conf. on Nanotechnology (NANOCON 2014)*. Bharati Vidyapeeth, Pune. 14-15 Oct 2014.
- Naik, P.P.; Tangsali, R.B.; Meena, S.S.; Bhatt, P. Effect of rare earth doping on the structural parameters of nanocrystalline manganese-zinc ferrite. *59. DAE Solid State Physics Symposium*. VIT Vellore, Tamilnadu. 16-20 Dec 2014.

- Pai, R.V. Bose Hubbard models: Phases, transitions and patterns (Invited talk). *Nat. Seminar on Recent Advances in Physics*. Kakaiya University. 6-7 Nov 2014.
- Pai, R.V. Cluster mean-field theory for spin-1 Bose Hubbard model. *59. DAE Solid State Physics Symposium*. VIT Vellore, Tamilnadu. 16-20 Dec 2014.
- Pai, R.V. Cluster mean-field theory for spin-1 Bose Hubbard model. *ICTP Int. Workshop on Current Trends in Frustrated Magnetism*. JNU, New Delhi. 9-13 Feb 2015.
- Tangsali, R.B. Stimulation of property alterations in core-shell type magnetic nanoparticles (Invited lecture). *3. Int. Conf. on Nanoscience and Nanotechnology*. SRM University; Shizuoka University Japan; GNS Science New Zealand; IET The Institute of Engineering Technology. 4-6 Feb 2015.
- Uma-Subramanian. Thermoluminescence (TL) studies in KCl (pure), KBr (pure), KCl-KBr mixed crystals above room temperature. *Int. Conf. on Latest Trends in Engineering & technology in Global R&D Sector*. Shree Rayeshwar Institute of Engineering & Information Technology (RIT), Shiroda. 27-28 Mar 2015.
- Uma-Subramanian. Multifunctional properties of Mg²⁺ doped CoWO₄ nano ceramics (Invited lecture). *Int. Seminar on Glasses and Other Functional Materials*. Acharya Nagarjuna University, Guntur, A.P. 11-13 Dec 2014.

Awards and honours:

- Priolkar, K.R. receives **MRSI medal** for significant contributions to Materials Science.
- Desa, J. A. E. elected as Vice President, Neutron Scattering Society of India.

Department of Electronics

Faculty:

Full-time

Gourish M. Naik, Ph.D., Professor and Head – Opto-electronics and Instrumentation

Rajendra S. Gad, Ph.D., Associate Professor - Multivariate System Design

Jivan S. Parab, Ph.D., Assistant Professor - Embedded System, DSP, RTOS, HDL, Fiber optic sensors

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Mr. Rohin Parkar	Senior Staff Engineer, Broadcom Corporation, USA	RF and Wireless technology	29 Aug 2013
Saleel Kudchadker	Advanced Micro Devices, California, USA	GPU Computing	2 Jan 2014

Major Thrust Areas and Achievements:

- Thrust areas 1. BioMedical & Agro-Electronics, 2. Smart Sensors, 3. Digital Signal Processing, 4. Networks
- Achievements: Students secured 1st prize in BVS-2015, Goa

Incremental Infrastructure:

- Addition of: 1. Four computers, 2. Near IR light source, 3. Imaging Instrument, 4. Wireless 24 channel EEG setup in laboratories.

Projects

Project Investigator	Status	Title	Funding Agency	Grant (Rs. In Lakhs)
Gad, R.	Ongoing	Vishveshvaraya PhD Scheme in area of ESDM	DeitY, New Delhi	47.18
Gad, R. (with Naik, G.M.)	Completed	Multimodal Bio-Metric System Design with Embedded System Technologies	UGC	12.43
Gad, R. (with Naik, G.M.; Kadu, R.(Concept Integration, Pune); Kakodkar, U.(GMC, Goa))	Completed	Design of Automatic Blood Pressure Meter Based on Oscillometric and Auscultation Principals	DST, GoI	23.88
Naik, G.M.	Completed	Design of Automatic Blood Pressure Meter Based on Oscillometric and Auscultation Principals	DST, GoI	23.88

Naik, G.M.	Completed	Multimodal Bio-Metric System Design with Embedded System Technologies	UGC	12.43
Parab, J.S.	Ongoing	Embedded Technology for portable multiparameter soil testing Instrument	UGC	1.95

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
VLSI & Embedded system conference	11-Apr.2015	DSTE-Goa

Research publications:

*Articles in journals (*in SCI Journals)*

- Colaco, M. Flexible and foldable planar hexagonal wide band microwave frequency antenna. *International Journal of Engineering Technology, Management and Applied Sciences*. 2(6); 2014; 250-253.
- Ghanti, S.R.; Naik, G.M. Protection of server from SYN flood attack. *International Journal of Electronics and Communication Engineering and Technology*. 5(11); 2014; 37-46. <http://www.iaeme.com/MasterAdmin/UploadFolder/PROTECTION OF SERVER FROM SYN FLOOD ATTACK/PROTECTION OF SERVER FROM SYN FLOOD ATTACK.pdf>
- Ghanti, S.R.; Naik, G.M. Protection of server rom SYN Flood attack. *International Journal of Electronics and Communication Engineering & Technology (IJECEt)*. (11); 2014; 37-46.
- Nazareth, I.A.; Vernekar, S.R.; Gad, R.S.; Naik, G.M. An Algorithm for Estimation of Blood cholesterol based on Regression Technique. *International Journal of Advanced Research in Computer Science and Software Engineering*. 4(8); 2014; 758-761. http://www.ijarcsse.com/docs/papers/Volume_4/8_August2014/V4I7-0570.pdf
- Nazareth, I.A.; Vernekar, S.R.; Gad, R.S.; Naik, G.M. Application of RF spectroscopy for blood glucose measurement. *International Journal of Electronics and Communication Engineering and Technology*. 5(7); 2014; 32-38. <http://www.iaeme.com/MasterAdmin/UploadFolder/40120140507005/40120140507005.pdf>
- Patil, S.; Naik, G.M.; Pai, K.R. An application of wavelet transform and artificial neural network for microarray gene expression based brain tumor sub-classification. *International Journal of Emerging Technology and Advanced Engineering*. 5(5); 2015; 410-414. http://www.ijetae.com/files/Volume5Issue5/IJETAE_0515_71.pdf
- Vernekar, S.R.; Nazareth, I.A.; Parab, J.S.; Naik, G.M. Potash estimation in soil usign RF technique. *International Journal of Advances in Engineering and Technology*. 7(4); 2014; 1271-1274. http://www.e-ijaet.org/media/17I22-IJAET0722589_v7_iss4_1271-1274.pdf
- Vernekar, S.R.; Parab, J.S.; Naik, G.M. Prediction of soil urea content using RF spectroscopy and partial least square regression. *International Journal of Electronics and Communication Engineering and Technology*. 5(11); 2014; 33-36.

[http://www.iaeme.com/MasterAdmin/UploadFolder/PREDICTION OF SOIL UREA CONTENT USING RF SPECTROSCOPY AND PARTIAL LEAST SQUARE REGRESSION/PREDICTION OF SOIL UREA CONTENT USING RF SPECTROSCOPY AND PARTIAL LEAST SQUARE REGRESSION.pdf](http://www.iaeme.com/MasterAdmin/UploadFolder/PREDICTION_OF_SOIL_UREA_CONTENT_USING_RF_SPECTROSCOPY_AND_PARTIAL_LEAST_SQUARE_REGRESSION/PREDICTION_OF_SOIL_UREA_CONTENT_USING_RF_SPECTROSCOPY_AND_PARTIAL_LEAST_SQUARE_REGRESSION.pdf)

Articles in books, conference proceedings:

- Afonso, V.; Pednekar, A.; Naik, N.; Gad, R.S.; Parab, J.S.; Naik, G.M. Coconut climbing machine. *9. Nat. Symp. VLSI and Embedded System*, 11 April 2015. Carmel College, Nuvem, Goa.; 2015; 46-50.
- Dessai, A.; Udaybhanu, N.; Nagvekar, S.; Gawas, S.; Parab, J.S.; Gad, R.S. LASER Music System. *9. Nat. Symp. VLSI and Embedded System*, 11 April 2015. Carmel College, Nuvem, Goa.; 2015; 25-28.
- Ghanti, S.; Naik, G.M. Confidence building measure for efficient use of energy during communication using high performance Internet server. *Nat. Conf. Modern Approach for Green Electronics*, 2-4 Sep 2014.; Yashwantrao Institute of Science, Satara, Maharashtra (ISBN:978-81-928732-2-0)
- Halankar, S.; Dsouza, S.; Gad, R.S.; Parab, J.S.; Naik, G.M. ARM 7 based Blood pressure Measurement using Auscultatory Method. *9. Nat. Symp. VLSI and Embedded System*, 11 April 2015. Carmel College, Nuvem, Goa.; 2015; 153-156.
- Marchon, N.; Naik, G.M. Detection of fetal distress using non-invasive FECG: A review. *9. Nat. Symp. VLSI and Embedded System*, 11 April 2015. Carmel College, Nuvem, Goa.; 2015; 211-215.
- Nazareth, I.A.P.; Vernekar, S.R.; Gad, R.S.; Naik, G.M. Response of blood urea using RF scalar network analyzer. *IEEE Int. Conf. on Technologies for Sustainable Development (ICTSD)*, 4-6 Feb. 2015.; IEEE. 2015; 4pp-. DOI: 10.1109/ICTSD.2015.7095918
- Sawaldesai, S.; Paikane, B.; Vernekar, S.; Gad, R.S.; Naik, G.M. 3D face recognition. *9. Nat. Symp. VLSI and Embedded System*, 11 April 2015. Carmel College, Nuvem, Goa.; 2015; 50-54.
- Vernekar, S.R.; Nazareth, I.A.P.; Parab, J.S.; Naik, G.M. RF spectroscopy technique for soil nutrient analysis. *IEEE Int. Conf. on Technologies for Sustainable Development (ICTSD)*, 4-6 Feb. 2015.; IEEE. 2015; 4pp. doi: 10.1109/ICTSD.2015.7095878

Ph.D.s:

*Awarded:*01 *Submitted:* 01 *On roll:* 12

Invited Lectures, Conference Presentations, etc.

Invited lectures:

- Gad, R. RTOS: Soft and Hard Core Processor Design Examples. *ARM RTOS Workshop*, Regional Science Center, Karnataka University, Dharwad. 3-5 Feb 2015.
- Naik, G.M. Advances in biomedical electronics. *Sir M. Visweswariah Memorial Lecture series, Kamla Nehru Mahavidyalaya, Nagpur*. 19 Sep 2014.
- Naik, G.M. Embedded systems for biomedical application. *Nat. Conf. on Embedded Technology*, Arts & Science College, Osmanabad. 29 Jan 2015.
- Naik, G.M. Micro controller architecture. *Workshop on ARM Cortex Controllers*, Karantak University, Dharwad. 3 Feb 2015.

Conference presentations:

- Fernandes, J.; Gad, R.S. 3-Lead ECG wireless monitoring system using ZIGBEE transceivers (XBEE) (Poster). 4. *Bharatiya Vigyan Sammelan and Expo (BVS-2015)*. Goa. 5-8 Feb 2015.
- Fernandes, I.; Tavares, N.; Vetrekar, N.; Gad, R.S.; Naik, G.M. Design of human blood pressure meter based on oscillometric and auscultation (Poster). 4. *Bharatiya Vigyan Sammelan and Expo (BVS-2015)*. Goa. 5-8 Feb 2015.
- Naik, G.M. Handling of e-waste for better utilization of green computing (Invited talk). *Nat. Conf. on Green Computing*, Chavan Institute of Science, Satara. 29 Sep 2014.
- Naik, G.M. Advances in Bio-Sensors (Invited talk). *IEEE Conference on Emerging Trends in Electronics and Computer Science*, Shivaji University. 13 Feb 2015.
- Noel, T.; Gad, R.S. Human physiological parameters analysis using EEG heat maps. 9. *Indian Conf. on Computer Vision, Graphics and Image processing, (ICVGIP-2015)*. IISc, Bangalore. 14-17 Dec 2015.
- Vetrekar, N.T.; Gad, R.S. Multimodal fusion with facial hyperspectral bands and fingerprint for high performance biometrics. 9. *Indian Conf. on Computer Vision, Graphics and Image processing, (ICVGIP-2014)*. IISc, Bangalore. 14-17 Dec 2014.

University Science Instrumentation Centre (USIC)

Faculty:

Prof. Desa Joseph Alfred Erwin

Professor (Department of Physics) and Coordinator, Ph.D(University of Reading, U.K)(Neutron Scattering, Solid State Physics

Madhusudan G. Lanjewar

Technical Officer-I-Electronics

M.Sc. Electronics, NET/SET

Instruments Available in USIC:

- Scanning Electron Microscope (SEM)
- Milling Machine
- Lathe Machine
- Drilling Machine (Small & Big Size)
- Glass Blowing Lathe Machine
- Metal Cutter Machine
- Welding Machine
- Metal bending Machine
- High Temperature Furnace
- Glass Cutting Machine
- Glass Surface Finishing Machine

Department of Earth Sciences

Faculty:

Full-time

A.G. Chachadi, Ph.D., Professor and Head - Groundwater Geology, Exploration Geophysics, Environmental geology

K. Mahender, Ph.D., Professor – Sedimentology & Petroleum Geology of Mesozoic Basins; Application of GIS & Remote Sensing in Earth Sciences

T. A. Viswanath, Ph.D., Associate Professor - Petrology and Precambrian Tectonics

Anthony A.A.Viegas, Ph.D., Associate Professor - Igneous Petrology

Part-time

Raghav Gadgil, Assistant Professor

Purushottam Verlekar, Assistant Professor

Major Thrust Areas and Achievements:

Geologic Resource Inventory and Assessment in Goa, including water and mineral resources. Department has successfully completed the DRS-II level of UGC-SAP and got upgraded to DRS-III level with a financial assistance of 74 lakhs.

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Mahender, K.	Ongoing	Mineral Resources Conservation – GIS Data Base	UGC-SAP DRS-III level program	74.00
Viegas, A.A.		Mining and Minerals of Goa		
Viswanath, T.A.		Igneous and metamorphic petrology		
Chachadi, A.G.		Groundwater Resources		

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
Rainwater harvesting and water conservation workshop	17 Jan 2015	Extra Mural Studies Goa University
Rainwater harvesting and water conservation workshop	17 March 2015	Extra Mural Studies Goa University

Research publications:

Articles in journals (in SCI Journals)*

- *Kunte, P. D.; Jauhari, N.; Mehrotra, U.; Mahender, K.; Hursthouse, A. S.; Gagnon, A.S. Multi-hazards coastal vulnerability assessment of Goa, India, using geospatial techniques. *Ocean & Coastal Management*. 95; 2014; 264-281.
- Chachadi, A. G. New indicator based method SALDIT for delineation of natural groundwater recharge areas. *Aquatic Procedia, Elsevier*, 4(2015)649-659.

Articles in books, conference proceedings:

- Chachadi, A. G. and Ligis Naronha. Indicator based decision making tool for mine pit rehabilitation. Proceedings: National seminar on mining environment and water resources development -2015. Mining Engineers' Association of India, Belgaum Chapter, 22nd to 23rd March 2015, pp.7-19.
- Chachadi, A. G. Rainwater storage and retrieval from backfilled mine pits-an innovative approach. Proceedings: National seminar on mining environment and water resources development -2015. Mining Engineers' Association of India, Belgaum Chapter, 22nd to 23rd March 2015, pp.20-24.
- Yogita, R. B.; Mahender, K.; Kunte, P. D. GIS in Geoscience Education : Geomorphometric study. ESRI Education Conf. (EDUC1431), San Diego. 12-15 Jul 2014; 14pp.
http://proceedings.esri.com/library/userconf/educ14/papers/1431_766.pdf

PhDs:

Degrees awarded:01 Submitted:01 Students on roll: 06

Invited Lectures, Conference Presentations, etc.

Conference Presentations:

- Fernandes, G.; Iyer, S. D.; Mahender, K. Petrology and geochemistry of Archaean Greywacks of Ribandar – Chimbhel, Goa: Implication on tectonic setting. Nat. Seminar on Sedimentary basins. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Gadgil, R.; Viegas, A.; Bakhale, Y. Kotrachi nadi: Fault controlled tributary of Mhadei river (Poster).4. Bhartiya Vigyan Sammelan and Expo(BVS-2015).Goa 5-8 Feb 2015.
- Meghana D.; Mahender, K. Sedimentology and provenance studies of Lower Bagalkot Group of Kaladgi Basin: Implication on tectonic and Sedimentation history. Nat. Seminar on Sedimentary basins. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Nageshwar, S.; Verlekar, P.; Mahender, K. Mineralogic and petrographic study of Proterozoic carbonate rocks of Kaladgi Basin. Nat. Seminar on Sedimentary basins. Indian Association of Sedimentologists. 12-14 Nov 2014.

2.4 Faculty of Life Sciences & 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

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. Naik	Member	(Ex-Officio)
Prof. P. K. Sharma	Member	(Ex-Officio)
Prof. (Smt) Savita Kerkar	Member	(Ex-Officio)
Prof. H. B. Menon	Member	(Ex-Officio)
Prof. S. K. Dubey	Member	(Ex-Officio)
Prof. R. Roy	Member	(Ex-Officio)
Prof. I. K. Pai	Member	(Ex-Officio)
Prof. V. M. Matta	Member	(Ex-Officio)
Prof. Sellappan Krishnan	Member	(Ex-Officio)
Prof. Sanjeev Ghadi	Member	(Ex-Officio)
Prof. (Smt) Vijaya Kerkar	Member	(Ex-Officio)
Dr. (Smt) Urmila Barros	Member	
Dr. S. Upadhyay	Member	
Dr. S. Garg	Member	
Dr. Aftab A. S. Can	Member	
Dr. Nandakumar M. Kamat	Member	

Department of Botany

Faculty:

Full-time

M. K. Janarthanam, Ph.D., Professor and Head - Plant Taxonomy.

Prabhat Kumar Sharma, Ph.D., Professor - Plant Physiology.

B. F. Rodrigues, Ph.D., Professor - Plant Breeding, Mycorrhizal Research.

Vijaya Kerkar, Ph.D., Professor - Algae and Pteridophyta.

S. Krishnan, Ph.D., Professor - Plant Histochemistry, Plant Biotechnology and Molecular Biology.

N. M. Kamat, Ph.D., Assistant Professor - Biochemistry, Microbiology (Actinobacteria and chemolithotrophs), Mycology (yeasts, mushrooms), Fungal chemistry, Ecology and EIA, Science popularization, Environmental education.

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. D. J. Bhat	Visiting Professor at Mae Fah Luang University, Chiang Rai, Thailand	Recent advances in mycology	30 Jun 2014
Prof. M. C. Gayatri	UGC-BRS Faculty Fellow, Plant Biotechnology Unit, Department of Botany, Bangalore University, Bangalore	Orchids and their conservation	18 Jul 2014
Dr. Anu Appaiah	Scientist, Food Microbiology, CFTRI, Mysore	Fruit wines and its fermentation problems	7 Oct 2014
Dr. (Mrs.) Sushma Appaiah	Food Scientist and Consultant Nutritionist, Mysore	Health and wellness – How relevant it is today	7 Oct 2014
Prof. K. N. Guruprasad	School of Life Sciences, DAW, Indore	Solar UV and gaia hypothesis	28 Oct 2014
Dr. S. K. Apte	Director, Bio-Science Group, BARC, Mumbai	Do nuclear power plant operations impact biodiversity, agriculture and human health?	3 Nov 2014
Prof. Mohan Ram	Former Botany Professor, University of Delhi	The fascinating story of seeds	23 Dec 2014
Prof. T. S. Suryanarayanan	Vivekananda Institute of Tropical Mycology (VINSTROM), Ramkrishna Mission Vidyapith, Chennai	Fungal endophytes: a promising source of industrial enzymes	29 Jan 2015
Prof. Amar Kumar	Department of Botany, Delhi University, Delhi	Recent advances in understanding molecular basis of Plant-Pathogen interaction	29 Jan 2015

Prof. S. C. Bhatla	Department of Botany, Delhi University, Delhi	Understanding the salt tolerance mechanisms in sunflower seedlings	29 Jan 2015
Prof. K. N. Guruprasad	School of Life Sciences, DAW, Indore	Strobilurins – new plant growth regulators for enhancing crop productivity	29 Jan 2015
Dr. N. P. Singh	Director, ICAR, Old Goa	Diversity of crops with special reference to cereals, vegetables and fruits in Konkan region of Goa	29 Jan 2015
Prof. V. A. Bapat	INSA, Senior Scientist, Department of Biotechnology, Shivaji University, Kolhapur	Highlights of recent research in medicinal plant biotechnology in the 21 st Century: Strategies, challenges and opportunities	30 Jan 2015
Prof. Alok Krishna Sinha	National Institute of Plant Genome Research (NIPGR), New Delhi	Cross talk between light signaling and mitogen activated protein kinase cascade during <i>Arabidopsis</i> seedling development	30 Jan 2015
Prof. D. J. Bhat	Visiting Professor at Mae Fah Luang University, Chiang Rai, Thailand	Morphology and molecular sequence data in the recognition of fungi	30 Jan 2015
Prof. S. R. Yadav	Department of Botany, Shivaji University, Kolhapur	Some recent discoveries from India and their implications	30 Jan 2015

Major Thrust Areas and Achievements:

- Biodiversity, Ecophysiology, Biotechnology and Bioprospecting.
- Calcimycocavitological studies on calcareous seashells from north Goa beaches were undertaken and several trace fossils of microfungi were identified. Microbiological aspects of beach sands with emphasis on magnetite, Zircon, amber were studied and microbial colonization was detected. Endophytic yeasts were isolated from mangrove fern *Acrostichum aureum* and nematophagous activity of *Hohenbuehelia petaloides* was studied. A novel strain of *Pleurotus* interspecific hybrid was prepared useful in Somatostatin production. Long term viability of actinobacteria isolated from Western Ghats was conformed and natural actinobacterial community from oligo and mesohaline khazan agroecosystem was visualized 'in situ' from estuarine Island of Divar. Chemically creative strains of fungi were obtained from earthworm casts and highly lipolytic strains of Actinobacteria from coastal sand dunes. Studies were done on Lipase from *Lezintus betulina* and Calcium oxalate from basidiomycetes cultures and cellulolytic and amylolytic fungi obtained from *Bombax ceiba* soil environment. Successful pelletization was obtained and characterization of pellets was performed in *Termitomyces* cultures. Hundred new fungal and actinobacterial cultures were added to GUFCC which included the novel strains of *Termitomyces bulborrhizus* and *Pleurotus cornucopiae* and a nematophagous strain of *Hoehnebuehelia petaloides*. A novel bioassay for detecting nematophagous fungi was developed. Fungal identification serviced was extended to M/S Unichem labs.

Incremental Infrastructure:
Scanning Electron Microscope

Projects

Project Investigator	Status	Title	Funding Agency	Grant (Rs. In Lakhs)
Janarthanam, M.K.	Ongoing	Sacred Grove Ecosystem Service Assessment: Ecosystem Service Assessment in Sacred Groves of Goa	MoEF, GoI	35.00
Janarthanam, M.K. (Krishnan, S.: Co-PI)	Ongoing	Preventing Extinction and Improving Conservation Status of Threatened Plants Through Application of Biotechnological Tools	DBT, GoI	35.71
Krishnan, S. (Co-PI)	Ongoing	Large Scale Screening for High Garcinol and Hydroxycitric Acid, in vitro Culture and Molecular Characterization of Garcinia species from the Western Ghats of India	CSIR	12.61
Rodrigues, B.F.	Ongoing	Bio-Physical Characterization and Site Suitability Analysis for Indian Mangroves (PRACRITI Phase-II Programme)	ISRO, Ahmedabad	20.00
Sharma, P.K.	Completed	Biodiversity, Bioprospecting and Biotechnology	UGC-SAP	76.5
Sharma, P.K.	Ongoing	Biodiversity, Ecophysiology and Biotechnology	UGC-SAP	118.5

Seminars, Conferences, Workshops, etc., organized:

Programme	Dates	Funding
National Seminar 'New Frontiers in Plant Sciences and Biotechnology	29-20 Jan 2015	UGC, DST, DSTE, NABARD
National Workshop 'Technical Writing in Plant Taxonomy'	26-28 Feb 2015	Self funded

Research publications:

Articles in journals (in SCI Journals)*

- *Datta, K.; Sahoo, G.; Krishnan, S.; Ganguly, M.; Datta, S.K. Genetic stability developed for beta-Carotene synthesis in BR29 Rice line using dihaploid homozygosity. *Plos One*. 9(6); 2014; e100212. DOI: 10.1371/journal.pone.0100212.
- *Jalmi P.; Nguyen, H.D.T.; Mel'nik, V.A.; Bhat, D.J.; White, G.P; Seifert, K.A. Lectotypification, epitypification, and molecular phylogeny of the synnematosus hyphomycete *Pseudogliophragma indicum*, the second genus in the Wiesneriomycetaceae. *Mycoscience*. ; 2015; 373-451. DOI: 10.1016/j.myc.2014.12.002.
- *Pratibha, J.; Prabhugaonkar, A.; Hyde, K.D.; Bhat, D.J. Phylogenetic placement of *Bahusandhika*, *Cancellidium* and *Pseudoepicoccum* (asexual Ascomycota). *Phytotaxa*. 176(1); 2014; 68-80.

- Nandikar, M.D.; Gurav, R.V. A revision of the genus *Cyanotis* D. Don (Commelinaceae) in India. *Taiwania*. 59(4); 2014; 292-314. DOI: 10.6165/tai.2014.59.4.292.
- Rodrigues C. R. and B. F. Rodrigues (2014) Enhancement of Seed Germination in *Trema orientalis* (L.) Blume—Potential Plant Species in Revegetation of Mine Wastelands. *Journal of Sustainable Forestry*, 33:46–58. DOI: 10.1080/10549811.2013.807745.
- Rodrigues, C.R.; Rodrigues, B.F. Enhancement of seed germination in *Macaranga peltata* for use in tropical forest restoration. *Journal of Forestry Research*. 2(4); 2014; 897-901. DOI: 10.1007/s11676-014-0536-0.
- Rodrigues, C.R.; Rodrigues, B.F. Influence of organic amendments and arbuscular mycorrhizal inoculation on plant growth and nutrient uptake in iron ore mine spoils. *International Journal of Mining, Reclamation and Environment*. 28(4); 2014; 219-230. DOI:10.1080/17480930.2014.932938.
- *Rodrigues, C.R.; Rodrigues, B.F. Use of Arbuscular Mycorrhiza and Organic Amendments to Enhance Growth of *Macaranga peltata* (Roxb.) Müll. Arg. in Iron Ore Mine Wastelands. *International Journal of Phytoremediation*. 17(5); 2015; 485-492. DOI:10.1080/15226514.2014.922924.
- Rodrigues, K.M.; Rodrigues, B.F. Endomycorrhizal association of *Funneliformis mosseae* with transformed roots of *Linum usitatissimum*: germination, colonization, and sporulation studies. *Mycology: An International Journal on Fungal Biology*. 6(1); 2015; 42-49. DOI: 10.1080/21501203.2015.1024777.
- *Singh, S.M.; Singh, P.N.; Singh, S.K.; Sharma, P.K. Pigment, fatty acid and extracellular enzyme analysis of a fungal strain *Thelebolus microsporus* from Larsemann Hills, Antarctica. *Polar Record*. 50(1); 2014; 31-36. DOI: 10.1017/S0032247412000563.

Articles in Books:

- Rodrigues, K.M.; Rodrigues, B.F. Arbuscular Mycorrhizal (AM) Fungi for sustainable Agriculture. *Advances in Plant Sciences for sustainable Rural Development*. Ed. by: N.M. Ghangaonkar. C.T. Bora College, Shirur. 2014; 8-21. ISBN: 978-1-63415-707-0.
- Rodrigues, K.M.; Rodrigues, B.F. Arbuscular Mycorrhizal (AM) Fungi and Plant Health. *Fungi in Biotechnology*. (Ed. By: M. Gosavi. SIES College, Sion, Mumbai. 2014; 8-24. ISBN: 978-81-920431-9-7.
- Rodrigues, K.M.; Rodrigues, B.F. Arbuscular Mycorrhizae in Sustainable Agriculture. *Innovation in traditional practices for cultivation of fruit, vegetable and Plantation crops*. Ed. By: Y. L. Nene, S. L. Choudhary, S. K. Khandelwal and Ganesh Rajamani. Asian Agri-History Foundation (AAHF), Secunderabad. 2014; 31-33.
- Rodrigues, K.M.; Rodrigues, B.F. Advances in Arbuscular Mycorrhizal (AM) Biotechnology. *Proc. Nat. Conf. on New and Emerging Trends in Bioinformatics and Taxonomy (NETBT-2015)*. B.N. Bandodkar College of Science, Thane. 2015; 33-36. ISBN: 978-81-923628-2-3.

PhDs:

Degrees awarded:03 Students on roll:22

Awards and honours:

- Rodrigues, B.F. Awarded Honorary Fellowship of the International Scientists Unique Researches' Yare Association (FISURYA), Jhansi. 8 Sep 2014.

Invited lectures, Conference presentations, etc.:

Invited lectures:

- Kamat, N.M. Cultural history of Goa. *Training Programme*, National Institute of Watersports, Goa; Indian Institute of Tourism and Travel Management (Govt. of India); Goa University. 1 Jul 2014.
- Kamat, N.M. Ecotourism and Sustainable Tourism. *Training Programme*, National Institute of Watersports, Goa; Indian Institute of Tourism and Travel Management (Govt. of India); Goa University. 8 Jul 2014.
- Kamat, N.M. Status of tribal education and empowerment in Goa. *State level convention*, Gomantak Goud Maratha Samaj. Shivanth Temple Hall, Shiroda. 1 Aug 2014.
- Kamat, N.M. Dnyanganga to Akashganga (In Marathi). *D.B. Bandodokar Memorial Lecture*, Vikas Parishad, Mandre & Mandre College, Mandrem, Pernem, Goa. 22 Aug 2014.
- Kamat, N.M. Why we are so careless about precious biowealth. *Training and Capacity Building Programme on Preserving Indigenous Flora and Fauna, local varieties and breeds*, Goa State Biodiversity Board. 17-19 Nov 2014.
- Kamat, N.M. Science in Vedas and Vedanta in Science. *Memorial Lecture*, Pissurlenkar trust. Goa Museum Auditorium, Panaji. 23 Nov 2014.
- Kamat, N.M. Science fiction in Marathi. *Workshop on Science Fiction Writing in Marathi*, Goa University; Institute Menezes Braganza and Marathi Vidnyan Parishad, Mumbai. IMB Auditorium, Panaji. 4 Feb 2015.
- Rodrigues, B.F. Mycorrhizal biofertilizers. *Refresher Course in Life Sciences on 'Life and Life Processes as mark of Sustainable Development*, Goa University. 8 Oct 2014.

Conference presentations:

- Bandekar, K.; Kamat, N.M. Earthworm casts as microbiologically interesting biogenic resources. *Nat. Seminar*. St. Xaviers College. Mapusa, Goa. 8 Mar 2015.
- Bhonsle, S.J.; Krishnan, S. Molecular genetic diversity, grain quality and conservation of landraces of rice from the State of Goa. *24. Annu. Conf. of Indian Association of Angiosperm Taxonomy (IAAT) and Int. Conf. on Trends in Plant Systematics (TIPS)*. Bharathidasan University, Tiruchirappalli, Tamil Nadu. 30 Oct-2 Nov 2014.
- Dabolkar, S.; Kamat, N.M. Interesting faunal bioinclusions in Baltic amber marketed in Goa. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Deshpande, A.S.; Krishnan, S.; Janarthanam, M.K. Reproductive biology of *Dipcadi goaense* (Asparagaceae): A critically endangered species. *24. Annu. Conf. of Indian Association of Angiosperm Taxonomy (IAAT) and Int. Conf. on Trends in Plant Systematics (TIPS)*. Bharathidasan University, Tiruchirappalli, Tamil Nadu. 30 Oct-2 Nov 2014.
- D'Souza, R.A.; Kamat, N.M. Importance of understanding pelletization in *Termitomyces Heim* species for potential applications to produce edible nutritious mycoprotein (Poster). *8. Int. Conf. on Mushroom Biology and Mushroom Products*. Organized by World Society of Mushroom Biology and Mushroom Products, ICAR-Directorate of Mushroom

Research, Solan and Mushroom Society of India at NASC Complex, New Delhi, India. 19-22 Nov 2014.

- D'Souza, R.A.; Kamat, N.M. How termites - Termitomyces mutualistic system (ttms) employs fungus combs for efficient ecosystem maintenance in Western Ghats. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Fernandes, M.S.; Kamat, N.M.; Kerkar, S.U. Bipotentialities of Actinomycetes metabolites in enhancing shelf life of Button Mushrooms (*Agaricus bisporus*): Some promising results from benchtop trials (Poster). *8. Int. Conf. on Mushroom Biology and Mushroom Products*. Organized by Department of Zoology, Goa University, Goa. 19-22 Nov 2015.
- Janarthanam, M.K. Phytogeography in India: A forgotten discipline vs. emerging trends (Invited talk). *24. Annu. Conf. Indian Association for Angiosperm Taxonomy (IAAT) and Int. Conf. on Trends in Plant Systematics (TIPS)*. Bharathidasan University, Tiruchirappalli. 31 Oct-2 Nov 2014.
- Khatun, K.; Kamat, N.M. Cultural studies of nematophagous fungus *Hohenbuehelia* the perfect stage of *Nematoconus* an useful source to formulate ecofriendly bionematicides. *Nat. Seminar*. St. Xaviers College. Mapusa, Goa. 8 Mar 2015.
- Naik S.; Kamat, N.M. Converting wealth into waste: criminal destruction of sand dunes of Goa without tapping the biotechnologically useful microbial resources. *Nat. Seminar*. St. Xaviers College. Mapusa, Goa. 8 Mar 2015.
- Sawant, S.; Kamat, N.M. Wood rotting basidiomycetes ***Lenzites betulina*** (l.) fr. demonstrates interesting coupling of high intracellular lipid accumulation and extracellular calcium oxalate mycolith deposition. *Nat. Seminar*. St. Xaviers College. Mapusa, Goa. 8 Mar 2015.
- Palkar, R.S.; Janarthanam, M.K.; Krishnan, S. Phylogeny of *Garcinia pushpangadaniana* and other *Garcinia* species from Western Ghats of India using molecular data. *24. Annu. Conf. of Indian Association of Angiosperm Taxonomy (IAAT) and Int. Conf. on Trends in Plant Systematics (TIPS)*. Bharathidasan University, Tiruchirappalli, Tamil Nadu. 31 Oct-2 Nov 2014.
- Pagare R.S.; Krishnan, S.; Janarthanam, M.K. Molecular phylogeny of Genus *Dioscorea* L. (Dioscoreaceae) inferred from combined analysis of matK, rbcL and trnL gene sequences. *24. Annu. Conf. of Indian Association of Angiosperm Taxonomy (IAAT) and Int. Conf. on Trends in Plant Systematics (TIPS)*. Bharathidasan University, Tiruchirappalli, Tamil Nadu. 30 Oct-2 Nov 2014.
- Palkar, R.S.; Janarthanam, M.K.; Krishnan, S. Distributional status and economic importance of Genus *Garcinia* from the Western Ghats of India. *4. Bharatiya Vigyan Sammelan and Expo (BVS-2015)*. Goa. 5-8 Feb 2015.
- Pednekar, S.; Kerkar, V.; Matondkar, S.G.P. Diversity and distribution of phytoplankton of Verem (Mandovi estuary, Goa). *Nat. Seminar on New Frontiers in Plant Sciences and Biotechnology*. Goa University. 29-30 Jan 2015.
- Revankar, D.S.; Janarthanam, M.K.; Krishnan, S. Whether micromorphology supports transfer of some taxa of Verbenaceae to Lamiaceae. *24. Annu. Conf. of Indian Association of Angiosperm Taxonomy (IAAT) and Int. Conf. on Trends in Plant Systematics (TIPS)*. Bharathidasan University, Tiruchirappalli, Tamil Nadu. 30 Oct-2 Nov 2014.

- Rodrigues, B.F. Life Sciences: An outlook and Challenges (Keynote speaker). *Nat. Conf. on Life Sciences: An outlook and Challenges*. Dahiwadi College, Dahiwadi, Satara. 12 Sep 2014.
- Rodrigues, B.F. Arbuscular Mycorrhizal (AM) fungi in sustainable agriculture (Invited lecture). *Nat. Conf. on Advances in Plant Sciences for sustainable Rural Development*. C.T. Vora College, Shirur. 24 Sep 2014.
- Rodrigues, B.F. *In vitro* germination and monoxenic culture studies in some AM fungal species. *Int. Congress on Mycorrhizae (ICOM)*. Marrakesh, Morocco, Int. Mycorrhizal Society. 15-17 Oct 2014.
- Rodrigues, B.F. Role of Arbuscular Mycorrhizal (AM) fungi in sustainable agriculture (Lead lecture). *Nat. Symp. on Plant Pathology: Disease Diagnosis and Management for Sustainable Agriculture*. Botany Research Centre, M. M. Nilanga and Det. of Plant Pathology, V.N.M.K.V., Parbhani. 24 Jan 2015.
- Rodrigues, B.F. Mycorrhization for green and sustainable agriculture (Lead lecture). 36. *Annu. Conf. and Nat. Symposium on Challenges and Management Approaches for Crop Disease of National Importance - Status and Prospects*. Tamil Nadu Agricultural University (TNAU) Coimbatore and Indian Society of Mycology and Plant Pathology, Udaipur. 13 Feb 2015.

Department of Microbiology

Faculty:

Full-time

- **Santosh Kumar Dubey, Ph.D.**, Professor- Molecular Microbiology, Genetic Engineering, Environmental Biotechnology
- **Sarita Nazareth, Ph.D., Professor and Head** - Biochemistry & Mycology: Enzymes, Degradations, Metal remediation, Halophilic fungi.
- **Sandeep Garg, Ph.D.**, Associate Professor - Industrial and Marine Microbiology, Microbial and Fermentation Technology, Medical Microbiology and epidemiology, Fishery Microbiology, Immunology, Biofertilizer, Biostatistics, Biomathematics, Computer Applications in Biology, Microbial Biodiversity, Ecorestoration.
- **Lakshangyacharya, Ph.D.**, Assistant Professor – General and Environmental Microbiology, Bioremediation, Ectomycorrhizal fungi. *Tenure-track (under the UGC- sponsored Marine Microbiology (M.Sc), “Innovative programme-Teaching and Research in Interdisciplinary and emerging areas”*
- **Priya M. D’Costa, Ph.D.**, Assistant Professor - Marine microbiology, interactions between bacteria and phytoplankton, diatom diversity, biofilms.
- **Milind M. Naik, Ph.D.**, Assistant Professor – Environmental Microbiology, Molecular Biology, Agricultural Microbiology, Marine Microbiology.

Temporary (under M.Sc. Biochemistry Programme)

- **Vishwas Khodse, Ph.D.**, Assistant Professor – Biochemistry, General Microbiology

Visiting (under M.Sc. Biochemistry Programme)

- **Fraddy D’Souza, Ph.D.** - Fellow, Coastal Ecology & Marine Resources Centre, TERI-Goa. Biochemistry, General Microbiology
- **Ida Mukherjee, Ph.D.** - Biochemistry, Institute of Psychiatry and Human Behaviour, Bambolim, Goa

Major Thrust Areas and Achievements:

Thrust Areas

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

Achievement

- Initiation of the new need-based Programme of MSc Biochemistry: Successful completion of the first year with an intake of 20 students.

Incremental Infrastructure:

- Millipore Water-purification system; Ice-flake machine; balance; magnetic stirrer; refrigerators (2); mini-autoclaves

- Setting of a new Biochemistry Classroom (with LCD facility) and Laboratory equipped with Spectrophotometer, Centrifuge, Incubator-shaker, refrigerator, oven, balance, pH meter, thermostatic incubator, thermostatic water-bath.

Projects:

Project Investigator	Status	Title	Funding agency	Grant (Rs. in Lakhs)
D'Costa, P.M.	Ongoing	Fate of diatoms during microbially-mediated decomposition processes	SERB-DST, GoI	6.50

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Seminar on Advances in Microbiology and Marine Microbiology	13 Mar 2015	Goa University, M/s. Raut Scientific, Toshnival, SaiChemie and DSS-Imagetech

Research publications:

Articles in journals (* in SCI Journals)

- *Doijad, S.; Lomonaco, S.; Poharkar, K.; Garg, S.; Knabel, S.; Barbuddhe, S.; Jayarao, B. Multi-virulence-locus sequence typing of 4b *Listeria monocytogenes* isolates obtained from different sources in India over a 10-year period. *Foodborne Pathogens and Disease*. 11(7); 2014; 511-516. DOI: 10.1089/fpd.2013.1716
- *Khanolkar, D.; Dubey, S.K.; Naik, M.M. Tributyltin Chloride (TBTCl)-Enhanced Exopolysaccharide and Siderophore Production in an Estuarine *Alcaligenes faecalis* strain. *Archives of Environmental Contamination and Toxicology*. 68(4); 2015; 612-621. DOI: 10.1007/s00244-014-0120-9
- *Khanolkar, D.; Naik, M.M.; Dubey, S.K. Biotransformation of Tributyltin chloride by *Pseudomonas stutzeri* strain DN2. *Brazilian Journal of Microbiology*. 45(4); 2014; 1239-1245. DOI: 10.1590/S1517-83822014000400014
- *Nazareth, S.W.; Gonsalves, V. Halophilic *Aspergillus penicillioides* from athalassohaline, thalassohaline, and polyhaline environments. *Frontiers in Microbiology*. 5; 2014; Article ID 412-5pp. DOI: 10.1080/01490451.2013.859769
- *Velho-Pereira, S.; Parvatkar, P.; Furtado, I.J. Evaluation of antioxidant producing potential of halophilic bacterial bionts from marine invertebrates. *Indian Journal of Pharmaceutical Sciences*. 77; 2015; 183-189. <http://www.ijpsonline.com/text.asp?2015/77/2/183/156572>
- Kalekar, S.; Doijad, S.; Poharkar, K.V.; Rodriguez, S.; Kalorey, D.R.; Kurkure, N.V.; Rawool, D.B.; D'Costa, D.; SarojBhosle, S.; Barbuddhe, S.B. Characterization of *Listeria monocytogenes* isolated from human clinical cases. *International Journal of Medical and Health Sciences*. 4(2); 2015; 206-212. <http://www.ijmhs.net/articles/1429000226> Characterization_of_*Listeria monocytogenes*_isolated_from_human_clinical_cases.pdf
- Nazareth, S.W.; The world of halophilic fungi. *Kavaka*. (42); 2014; 131-144.

- Prabhu, M.; Srikanth, M.; Dubey, S.K.; Naik, M.M. one-pot rapid synthesis of face-centered cubic silver nanoparticles using fermented cow urine, a nanoweapon against fungal and Bacterial Pathogens. *Journal of Bionanoscience*. 8(4); 2014; 265-273. DOI: 10.1166/jbns.2014.1235
- Pujari, S.; Bhosle, S.; Roy, R. Marine bacteria as a source of essential fatty acid for *Gallus domesticus*. *Asian Journal of Poultry Science*. 8(3); 2014; 64-74. DOI: 10.3923/ajpsaj.2014.64.74
- Raorane, A.V.; Doijad, S.P.; Poharkar, K.V.; Pathak, A.; Bhosle, S.N.; Barbuddhe, S.B. Isolation and genotypic characterization of *Listeria monocytogenes* from pork and pork products. *International Journal of Current Microbiology and Applied Sciences*. 4(1); 2015; 788-798.

Articles in Books:

- Mohanty, A.K.; Prasad, K.; Garg, S.; Kumar, A. Proteogenomics of vector mosquitoes: Progress and prospects. *Major Tropical Diseases: Public Health Perspective, Ed by: Kumar, A.; Rodrigues, S. and Dias, A.*, Broadway Publishing House, Goa. ; 2015; 38-50.

PhDs:

Thesis submitted: 08 Degrees awarded: 06 Students on roll: 21

Invited lectures, Conference presentations, etc.:

Invited lectures:

- Dubey, S.K. Fate of organotin biocide, TBTCI in marine environment. *Nat. Conf. on Biotechnology and Human welfare: New Vistas*. VBS Purvanchal University, Jaunpur, UP. 21-22 Mar 2015.
- Dubey, S.K. Lead resistant bacteria, resistance mechanisms and lead bioremediation: An overview. *Nat. Symposium on Advances in Microbiology of Food, Agriculture, Health and Environment*. Biosciences group, BARC, Mumbai. 3-5 Feb 2015.

Conference presentations:

- Bicholkar, A.; Nazareth, S. Morphological changes in response to heavy metal stress in dematiaceous fungi (Poster). *Nat. Seminar on New Frontiers in Plant Sciences and Biotechnology*. Goa University. 29-30 Jan 2015.
- Bicholkar, A.; Nazareth, S. Bioremediation of metal-containing industrial effluent by *Penicillium citrinum*. *4. Bharatiya Vigyan Sammelan and Expo (BVS-2015)*, Goa. 5-8 Feb 2015.
- Bicholkar, A.; Nazareth, S. Metal tolerance and sorption by *Penicillium citrinum*. *Nat. Symposium on Mycological Research-Emerging Trends, Applications and Prospects and 41st Annual Meeting of Mycological Society of India*. Punjabi University, Patiala. 23-24 Feb 2015.
- Naik, M. M.; Dubey, S.K. Lead resistant bacteria: Lead resistance mechanisms, their applications in lead bioremediation and biomonitoring. *4. Bharatiya Vigyan Sammelan and Expo (BVS-2015)*, Goa. 5-8 Feb 2015.

Department of Marine Sciences

Faculty:

Full-time

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

Harilal B. Menon, *Ph.D.*, Professor - Physical Oceanography, Marine and Atmospheric Optics

Chandrashekher U. Rivonker, *Ph.D.*, **Professor and Head** - Marine Biology

Vishnu Murty Matta, *Ph.D.*, Professor - Marine Chemistry

S. Upadhyay, *Ph.D.*, Associate Professor - Marine Chemistry, Estuarine Chemistry, Aquatic Chemistry

Aftab A. Can, *Ph.D.*, Assistant Professor - Physical Oceanography, Satellite Oceanography and Marine Meteorology.

Major Thrust Areas and Achievements:

Optical remote sensing of aquatic ecosystem, radiative transfer modeling in optically complex coastal and estuarine waters, Hyperspectral remote sensing, Atmospheric correction of optical remote sensor, retrieval of AOD from an optical sensor, Estimation of aerosol radiative forcing, Algorithm development for the retrieval of case II water constituents from optical remote sensing; Air Sea interaction and genesis of water masses.

Nutrients and Trace elemental distribution in estuaries; Behavior of aluminum in estuaries; biogeochemical cycling of environmental sensitive elements in the near shore region, chemistry of sea weed along the coast and geochemistry.

Biodiversity and Taxonomy of demersal fish and invertebrate fauna; catch trends, species composition and bycatch from trawl hauls; spatial and temporal distribution of demersal fauna.

Coastal and estuarine sediment characterization, Coastal morphology and dynamics, Coastal zone management, Lacustrine and estuarine - tidal / mudflat sedimentary environment, Geochemistry of lacustrine & estuarine sediments, Speciation of elements in mudflat sediments and bioavailability of metals, Magnetic susceptibility, diatoms and isotopes in mudflat and mangrove sediments, Suspended matter and its chemistry of Southern Ocean, Diatoms in sediment cores in Southern Ocean.

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Menon, H.B.	Ongoing	Establishing a network station at Goa University for atmospheric boundary layer measurements under the NOBLE	ISRO-GBP, SPL, VSSC	86.65
Menon, H.B.	Ongoing	Optical characterisation of case II waters and retrieval of ocean colour components from an optical sensor	INCOIS, MoES, GoI	61.23
Menon, H.B.	Ongoing	Aerosol Radiative forcing over India (ARFI)	ISRO-GBP, SPL. VSSC	50.00
Menon, H.B.	Ongoing	Variability of Colour	Naval Research	61.47

(Matta, V.M. Co-PI)		Components in Estuarine and Coastal Regions of Eastern Arabian sea and its Predictive Potential to Naval Applications	Board (NRB), Min. of Defence, GoI	
Matta, V.M.	Ongoing	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, GoI	47.37
Matta, V.M.	Ongoing	Biogeochemical Studies of the Arabian Sea and the Effect of River Inputs from the Mandovi-Zuari System Along the West Coast of India	MoES, GoI	64.00
Nayak, G.N.	Ongoing	Estimation of Beryllium from polar regions and lake sediments (like Dal lake, Loktak lake, Lakes in Leh region): Paleooceanographic implications	UGC	6.00
Nayak, G.N.	Ongoing	High resolution paleoclimatic studies from the Bay of Bengal	MoES, GoI	12.78
Rivonker, C.U.	Ongoing	Ballast Water Management Programme, India	Min. of Shipping, GoI	106.00
Rivonker, C.U. (Kerkar, V.U., Botany Dept Co-PI)	Ongoing	Harmful Algal Blooms (Mangalore to Goa)	CMLRE – MoES, New Delhi	54.00

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
Bharatiya Vigyan Sammelan	5-8 Feb 2015	Govt. of Goa, DRDO

Research Publications:

Articles in journals (* in SCI Journals)

- *Fernandes, L.L.; Nayak, G.N. Characterizing metal levels and their speciation in intertidal sediments along Mumbai coast, India. *Marine Pollution Bulletin*. 79(1&2); 2014; 371-378. DOI: 10.1016/j.marpolbul.2013.11.013
- *Padate, V.P.; Rodrigues, R.; Rivonker, C.U. New records of rare marine fishes from the Gulf of Mannar, India. *Acta Ichthyologica et Piscatoria*. 44(3); 2014; 241-248. http://www.aiep.pl/volumes/2010/5_3/pdf/08_1507_F1.pdf
- *Pande, A.; Nayak, G.N.; Prasad, V.; PrakashBabu, C. Geochemical and diatom records of recent changes in depositional environment of a tropical wetland, central west coast of

India. *Environmental Earth Sciences*. 73(9); 2015; 5447-5461. DOI: 10.1007/s12665-014-3799-z

- *Velip, D.T.; Rivonker, C.U. Hexapus bidentatus sp. nov. (Crustacea: Decapoda: Brachyura: Hexapodidae), a new species from Goa, west coast of India. *Marine Biology Research*. 11(1); 2015; 97-105. DOI: 10.1080/17451000.2014.889305
- *Volvoikar, S.P.; Nayak, G.N. Reading source and processes with time from mangrove sedimentary environment of Vaitarna estuary, west coast of India. *Indian Journal of Geomarine Sciences*. 43(6); 2014; 1063-1075.
<http://nopr.niscair.res.in/handle/123456789/28977>
- Hegde, M.R.; Padate, V.P.; Rivonker, C.U. Biological aspects and catch trends of elasmobranchs in the inshore waters of Goa, west coast of India. *International Journal of Marine Science*. 46(4); 2014; 1-12. DOI: 10.5376/ijms.2014.04.0046
- Nayak, G.N. Bioavailability of metals in estuarine sediments and their possible impacts on the environment. *Journal of Environmental and Social Sciences*. 2(1); 2015; Article ID 105-.<http://www.opensciencepublications.com/wp-content/uploads/2015/04/JESS-2-105.pdf>
- Volvoikar, S.P.; Nayak, G.N. Factors controlling the distribution of metals in intertidal mudflat sediments of Vaitarna estuary, North Maharashtra coast, India. *Arabian Journal of Geosciences*. 7(12); 2014; 5221-5237. DOI: 10.1007/s12517-013-1162-4

Articles in books:

- Shirodkar, S.; Menon, H.B. Inter-annual variability of aerosol over Goa, along the west coast of India: Study performed during three year period between 2008-2010. *Proc. of GBP Conf.* 8-9 Jan 2014. SPL, VSSC, Thiruvananthapuram, Kerala, India. ; 2014; 50-58.

Publications:

- **H. B. Menon**, Shilpa Shirodkar, Sumita Kedia, Achuthankutty Chittur S. Ramachandran, K. Krishna Moorthy, Suresh Babu, 2014. Temporal variation of aerosol optical depth and associated shortwave radiative forcing over a coastal site along the west coast of India, *Science of the Total Environment*, Elsevier, DOI 10.1016, 468-469, 83-92. (IF.4.10)
- **H. B. Menon**, Shrivardhan Hulswar, N. Anilkumar, Achuthankutty Chittur Thelakkat, K.Krishna Moorthy, Suresh Babu, 2015, Spatial heterogeneity in spectral variability of aerosol optical depth and its implications to aerosol radiative forcing in the Tropical Indian Ocean and in the Indian Ocean Sector of Southern Ocean, *Deep Sea. Res Part II, Tropical Studies in Oceanography*, DOI.10.1016, pages 1-10.(IF.2.19)
- **Shilpa Shirodkar**, H.B.Menon, 2015 Aerosol optical properties over a coastal site in Goa, along the west coast of India. *Elsevier, J. Atmos. Solar.Terr.Physics*, 130-131, pages: 182-189 (IF .1.47)

PhDs:

Thesis submitted: 01 Degrees awarded: 06 Students on roll: 16

Awards and honours:

- Menon, H.B. (**Session Chair and Convener**) *Int. Conf. Asian Oceania Geosciences Society (AOGS)*. Session: AS 59 - General Applied Atmospheric Sciences. Sapporo, Japan. 28 Jul-1 Aug 2014.

Invited Lectures, Conference Presentations, etc.

Invited lectures:

- Nayak, G.N. Marine Sciences: Education and research. *INSPIRE (DST) camp workshop*, GSS College, Belgaum. . 11 Dec 2014.
- Rivonker, C.U. Marine Biodiversity and IPR. *Workshop and Lecture Series on Biodiversity Conservation*, Karnataka State Biodiversity Board, Bangalore. 13-14 Nov 2014.
- Rivonker, C.U. Coastal ecosystems: Need for conservation. *Training and Capacity Building Programme on Preserving Indigenous Flora and Fauna, local varieties and breeds*, Goa State Biodiversity Board. 17-19 Nov 2014.
- Aftab A. Can, Winter training Programme in Geospatial Technology, Nov. 2014 at Smt. Parvatibai Chowgule College of Arts & Science, Margao, Goa.

Conference presentations:

- Choudhary, S.; Tiwari, A.K.; Nayak, G.N.; Purnuma, B.; Khare, N. Distribution and source of sediments in Schirmacher oasis, Antarctica - through sedimentological and geochemical investigations (Abstracts vol. pg. 76-77). *Nat. Conf. on Sedimentation and Stratigraphy*. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Fernandes, M.C.; Nayak, G.N. Speciation of metals and their distribution in mudflat sediments, south central west coast of India (Abstracts vol. pg. 85-86). *Nat. Conf. on Sedimentation and Stratigraphy*. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Nasnodkar, M.R.; Nayak, G.N. Distribution and bioavailability of selected metals in mudflat sediment cores from tropical (Vashishti) estuary, west coast of India. *Nat. Conf. on Sedimentation and Stratigraphy*. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Nayak, G.N. Mudflat sedimentary environments in estuaries – sink and source of metals. *Nat. Conf. on Resource Planning and Development: Indian scenario*. Shivaji University, Kolhapur. 20-21 Feb 2015.
- Nayak, G.N. Coast: Issues and their management. *Nat. SAP workshop of Coastal Ocean Observation*. Berhampur University, Orissa. 23 Mar 2015.
- Noronha-D'mello, C.A.; Nayak, G.N. Geochemical factors controlling the distribution and enrichment of metals in short sediment cores of mangrove and mudflat environments, Zuari estuary, India. *Nat. Conf. on Sedimentation and Stratigraphy*. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Purnima, B.; Nayak, G.N.; Nigam, R.; Saraswat, R. High resolution paleoclimate signatures from bay of Bengal. *Nat. Conf. on Sedimentation and Stratigraphy*. Indian Association of Sedimentologists. 12-14 Nov 2014.
- Rivonker, C.U. Status and need of eco-tourism in Goa. *Int. Conf. on Conservation of Water Bodies for Sustainable Utilization*. Malkolak Institute of Marine Studies (M-IMS), Goa. 24-25 Mar 2015.
- Volvoikar, S.P; Nayak, G.N.; Mazumdar, A.; Peketi, A. Changing depositional environment along North Maharashtra coast: reasons and possible implications. *4. Nat. Conf. of Ocean Society of India (OSICON 2015)*. National Institute of Oceanography, Goa. 22-24 Mar 2015.

Department of Zoology

Faculty:

Full-time

I.K. Pai, Ph.D., Professor - Zooplanktology, Biodiversity

R. Roy, Ph.D., Professor and Head - Environmental Physiology, Lipid Biochemistry, Nutritional Biochemistry

Shyama S.K., Ph.D., Professor - Genetic Toxicology, Human Genetics, Environmental Mutagenicity

On contract

Minal Shirodkar-Desai, Assistant Professor - Avian Biology, Biodiversity

Suphala Pujari, Assistant Professor - Nutritional Biochemistry, Environmental Physiology

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Dr. Chetan G. K.	NIMHANS, Bangalore	Role of Molecular Markers in Cancer Biology	28 Jul 2014
Prof. Dr. M.C. Subhash Peter	University of Kerala	Stress Physiology	24 Sep 2014
Prof. Dr. G.K. Kulkarni	BAMU, Aurangabad	Modern Ecotoxicology	17 Oct 2014
Prof. Dr. J. K. Pal	University of Pune	Recent trends in Biotechnology	17 Oct 2014

Major Thrust Areas and Achievements:

- The faculty and research scholars are engaged in research activities in the following lines:
- Understanding the protective roles of fatty acids and lipids from fish or marine bacteria towards inflammatory disorders and growth of animals, membrane structure and cellular functions during adaptation process, gamma radiation induced genotoxicity is being studied in fishes and bivalves, the extent of genetic damage caused by various pollutants on marine fauna is being studied using marine animals, including fishes and bivalves, the genotoxic effects of pesticides / drugs / pollutants / spices / nanomaterials on mouse and human blood cells are being studied, in vivo / in vitro, biodiversity and eco-dynamic studies pertaining to zooplanktons, nematodes, ants and beetles of the region.

Incremental Infrastructure:

- High Speed Refrigerated Centrifuge, Revolutionary Research Centrifuge, Binocular microscopes and Handheld UV Lamp.

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Roy, R.	Completed	Lipidomics of Some Fishes: Control of Inflammatory Diseases	DBT, GoI	35.45

Shyama, S.K.	Completed	Evaluation of the Genotoxic Effect of Ionizing Radiation in Somatic/Germinal Cells of Fishes	BRNS, DAE, GoI	40.65
Shyama, S.K.	Ongoing	Genotoxicity Studies on Field Populations of Commercially Important Fin Fishes and Shell Fishes of Central West Coast of India	MoES, GoI	15.89

Seminars, Conferences, Workshops, etc., organized:

Programme	Date	Major Sponsors
National Seminar on Life & Life Processes: Sustainable Development	19-21 Feb 2015	UGC, DST and DST&E, Goa

Research publications:

Articles in journals (* in SCI Journals)

- D'Costa, S.; Pai, I.K. Zooplankton community structure in the nearshore waters of central west coast of India. *Tropical Ecology*. 56(3); 2015; 311-322. http://www.tropecol.com/pdf/open/PDF_56_3/4%20Dicosta.pdf
- Kudtarkar, S.; Desai, P.V. Effect of temperature variation and determination of optimum temperature of alpha amylase activity in *Telescopium telescopium*. *Annals of Applied Bio-Sciences*. 2(2); 2015; A36-A39. <http://www.elevatorstatement.com/journal/index.php/aabs/article/view/306>
- Lizanne, A.C.M.; Pai, I.K. A preliminary survey on soil and plant parasitic nematodes of southern Goa, India. *Journal of Threatened Taxa*. 6(1); 2014; 5400-5412. <http://www.threatenedtaxa.in/index.php/JoTT/article/view/1561>
- Lizanne, A.C.M.; Pai, I.K. Soil inhabiting Nema fauna: Irreplaceable organisms in enhancing soil fertility. *Kruti - Carmel College for Women, Nuvem, Goa*. 1(1); 2014; 55-64.
- Shaikh, S.M.; Shyama, S.K.; Desai, P.V. Absorption, LD50 and Effects of CoO, MgO and PbO Nanoparticles on Mice "Mus musculus". *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)*. 9(2 (ver 1)); 2015; 32-38. DOI: 10.9790/2402-09213238.
- *Srinivasan, B.R.; Shyama, S.K.; Naik, S.G.; Jyai, R.N. On the existence of 'bis (L-glutamine) potassium nitrate' crystal. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*. 136(B); 2015; 334-337. OI: 10.1016/j.saa.2014.08.148

PhDs:

Thesis submitted:01 Degrees awarded:03 Students on roll:09

Invited Lectures, Conference Presentations, etc.

Invited Lectures

- Pai, I.K. Evolution: Truth or myth (Special Guest Lecture). St. Aloysius College, Mangalore. 1 Aug 2014.
- Pai, I.K. Lecture series on Research methodology. S.P. Chowgule College. 02 Aug – 06 Sep 2014.
- Shyama S.K. Lecture series on Research methodology. S.P. Chowgule College. 02 Aug – 06 Sep 2014.

Conference presentations:

- Bhoite, S.; Roy R. Isolation and Characterization of gill chloride cell of mud crab, *Scylla serrata* (Forsk.) *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- D'Costa, A.; Shyama, S.K. Monitoring the pollution status of Goan Coast using genotoxicity studies in fish, *Arius arius*. *KSTA Conf. on Ecosystem: Emerging Issues*. PPC, Udupi, 9-10 Jan 2015.
- D'Costa, A.; Shyama, S.K. Evaluation of the pollution status of Goan coast using genotoxicity biomarkers in the fish, *Johnius dussumieri*. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Furtado, S.; Roy, R. Antioxidant potential of vitamin E and vitamin A against D galactosamine induced hepatitis. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Kamat, S.; Roy, R. Effect of Fish oils on oxidative stress in alloxan induced diabetic mice (*Mus musculus*). *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Mascarenhas, O.; Pai, I.K.; D'Costa, S. Water quality and zooplankton composition of the Vaddem Lake. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Pai, I.K. Zooplankton diversity of a few freshwater bodies of Antarctica. *Global Biodiversity Meet & International Workshop on Biotechnological Applications for Environmental Sustainance*. Allahabad Central University, Allahabad, 13-14 Dec 2014.
- Pai, I.K. Global warming and Antarctica (Plenary talk). *Nat. Seminar on Environmental Biotechnology*. LBS College, Satara. 29-30 Dec 2014.
- Pai, I.K. Biodiversity: Do we know what we do not know? *Nat. Seminar on New Vistas in Biological Sciences*. St. Aloysius College, Mangalore. 15-16 Jan 2015.
- PraveenKumar M.K.; Shyama, S.K.; Bhagat, S.S.; Chaubey, R.C. Genotoxicity studies of gamma radiation in different tissues of freshwater fish *Cyprinus carpio*, using micronucleus test and comet assay. *Nat. Seminar on Natural vs. Synthetic Drugs: A Medicinal Approach*. St. Aloysius College, Mangalore, 30 Sep 2014.
- PraveenKumar M.K.; Shyama, S.K.; Bhagat, S.S.; Chaubey, R.C. Toxicity assessment of common carp to ionizing radiation using Alkaline Single Cell Gel Electrophoresis. *KSTA Conf. on Ecosystem: Emerging Issues*. PPC, Udupi, 9-10 Jan 2015.
- PraveenKumar M.K.; Shyama, S.K.; Bhagat, S.S.; Chaubey, R.C. Gamma radiation induced DNA damage in freshwater fish Common carp (*Cyprinus carpio*). *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Shaik, S.M.; Shyama, S.K.; Desai, P.V. Acute effect of lead oxide nanoparticles on the brain electrolytes of mice *Mus musculus*. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.
- Tair, S.V.; Shyama, S.K. Activity budget and behavior of Gaur (*Bos gaurus* H. Smith) at Bhagavan Mahaveer Wildlife Sanctuary and National Park, Goa. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Goa University. 19-21 Feb 2015.

Department of Biotechnology

Faculty:

Full-time

U.M.X. Sangodkar, Ph.D., Professor (superannuated in Sept 2014) - Genetic engineering, Microbiology, Biodegradation

Usha D. Muraleedharan, Ph.D., Professor and Head – Biochemistry, Enzymology

Savita Kerkar, Ph.D., Professor - Marine Microbiology

Urmila Barros, Ph.D., Associate Professor - Immunology

Sanjeev C. Ghadi, Ph.D., Professor – Applied Enzymology, Genetics and molecular Biology

Contractual

R. Kanchana, Ph.D., Asst. Prof.

Christabelle Fernandes, Ph.D., Asst. Prof.

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. Jayadeva Bhat	Dept. of Bioscience and Bioengineering, IIT Bombay	Yeast galactose genetic switch: A paradigm to understand genetic & non genetic basis of transcriptional regulation	26 Aug 2014

Major Thrust Areas and Achievements:

- Study of agarases and other commercially important enzymes from marine bacteria
- Role of thraustochytrid enzymes in detrital degradation
- Biodiversity of actinomycetes in marine salterns of Goa
- Potential anti-bacterial compounds against clinical pathogens from hypersaline actinomycetes.
- Biotechnologically important proteases from coastal and deep sea bacterial and fungal isolates.
- Study of marine algae as a source of nutraceuticals
- Lipases, proteases and polysaccharases from thraustochytrids
- Alkaloids of medicinal value from plants
- Algal biofuel
- Assessment of bacterial pathogens from mangroves and estuaries
- Potential anti-fungal and biosurfactant compounds from halotolerant bacteria
- Identification of novel molecule from *G. nervosa* as starch blocker
- Cationic peptides
- Extraction and study of lectins from marine algae
- Use of salt pan bacteria as biofertilizers
- Evaluating the production of potential of tyrosinase inhibitors from hypersaline bacteria
- Bioproduction of Nanoparticles from hypersaline bacteria.
- Novel viruses from coastal ecosystems and hot spring
- Application of salt pan bacteria in aquaculture

Increment to Infrastructure:

- Convection microwave oven IFB 25 litres, Bacteriological Incubator, Laboratory Oven, Laminar Air Flow Horizontal, *Lynx* Binocular Microscopes (10 nos), Desktop PCs, Acer (05 nos).

Ongoing and completed projects during 2013-2014

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Kerkar, S.	Ongoing	Impact of Tourism on Estuarine Water Quality and Its Effect on Mangrove and Saltpan Ecosystems of Goa	DSTE, Goa	5.67
Kerkar, S.	Ongoing	Evaluation of Water Quality from Water Purifiers	Eureka Forbes	0.24
Muraleedharan, U.D.	Ongoing	Biogeochemical Studies of the Arabian Sea and the effect of Riverine Inputs from the Mandovi- Zuari system along the West Coast of India (under the National GEOTRACES programme)	MoES (GoI)	64.00

Seminars, conferences, workshops, etc., organized:

Programme	Dates	Major Sponsors
Workshop on Scientific Writing and Effective Communication	05-06 Jan 2015	USIEF International Education Centre & Univ of Florida

Research publications:*Articles in journals: (*SCI Publications)*

- *Ballav, S.; Kerkar, S.; Thomas, S.; Augustine, N. Halophilic and halotolerant actinomycetes from a marine saltern of Goa, India producing anti-bacterial metabolites. *Journal of Bioscience and Bioengineering*. 119(3); 2015; 323-330. DOI: 10.1016/j.jbiosc.2014.08.017
- *Dhumaskar, K.L.; Meena, S.N.; Ghadi, S.C.; Tilve, S.G. Graphite catalyzed solvent free synthesis of dihydropyrimidin-2(1H)-ones/thiones and their antidiabetic activity. *Bio-organic and Medicinal Chemistry Letters*. 24(13); 2014; 2897-2899. DOI: 10.1016/j.bmcl.2014.04.099
- *Poharkar, K.V.; Kerkar, S.; Doijad, S.P.; Barbuddhe, S.B. Prevalence and genetic profiles of *Escherichia coli* from mangroves and mangrove associated foods off Goa, India. *Marine Pollution Bulletin*. 85(1); 2014; 86-91. DOI: 10.1016/j.marpolbul.2014.06.018

PhDs students:

Degree awarded:02 Submitted: 02 Students on roll:19

Invited Lectures, Conference Presentations, etc.*Invited Lectures*

- Ghadi, S.C. Biotechnologies: From job seekers to being job creator (Keynote address). *Nat. Seminar on Recent Developments in Biotechnology*. St. Xavier's College, Mapusa, Goa. 9-10 Mar 2015.

- Ghadi, S.C. Blending ocean productivity and sustainability in marine biotechnology. *Nat. Conf. on Emerging Trends in Sustainable Development*. Kirti College, Mumbai. 23-24 Jan 2015.
- Kerkar, S. Bioactive compounds from marine organisms and their biotechnological applications (Keynote address) *Nat. Seminar on Natural vs Synthetic Drugs, St. Allosius College, Mangalore*. 30 Sep 2014.
- Kerkar, S. Biotechnological applications of marine organisms. *Regional Science Congress, Navodaya High School, Canacona*. 14-19 Nov 2014.
- Kerkar, S. Exciting innovations in science. *National Science Day Celebrations, Holy Spirit High School, Margao, Goa*. 28 Feb 2015.

Conference presentations

- Ballav, S.; Singh, N.; Kerkar, S. Hypersaline sediment actinomycetes as potential bioremediators of Lead (Pb) and Iron (Fe). *55. Annu. AMI Conf. on Empowering Mankind with Microbial Technology*. Association of Microbiologists of India and Tamil Nadu Agricultural University, Coimbatore. 12-14 Nov 2014.
- Ballav, S.; Kerkar, S. Biodiversity of hypersaline actinomycetes from Agarvado and Ribandar saltern, Goa as producers of anti-microbial metabolites. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Dept. of Zoology, Goa University. 19-21 Feb 2015.
- Dias, P.; Barros U. Antioxidant potential of seaweeds found along the Northern coast of Goa. *4. Bharatiya Vigyan Sammelan and Expo (BVS-2015)*. Panaji, Goa. 5-8 Feb 2015.
- Fernandes, M.S.; Kamat, N.M.; Kerkar, S. Bipotentialities of Actinomycetes metabolites in enhancing shelf life of Button Mushrooms (*Agaricus bisporus*): Some promising results from benchtop trials (Poster). *8. Int. Conf. on Mushroom Biology and Mushroom Products*. World Society for Mushroom Biology and Mushroom Products, Directorate of mushroom research & Mushroom Society of India, 19-22 Nov 2014.
- Fernandes, S.; Kerkar, S. Salt pan bacteria as potential inhibitors of shrimp pathogens. *Nat. Seminar on Life and Life Processes: Sustainable Development*. Dept. of Zoology, Goa University. 19-21 Feb 2015.
- Gupta, N.; Kerkar, S. Biofilm associated *Bacillus* sp. producing bioactive metabolite against *Curvularia lunata* (a plant pathogen). *State Level Seminar on Microbiology for a Better Tomorrow*. Dept. of Microbiology, P.E.S's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda and Microbiologists Society, India. 27 Feb 2015.
- Imran, Md.; Poduval, P.B.; Ghadi, S.C. Cloning of esterase gene from bacterial strain CR-1 isolated from Carlsberg's ridge (Poster). *55. Annu. AMI Conf. on Empowering Mankind with Microbial Technology*. Association of Microbiologists of India and Tamil Nadu Agricultural University, Coimbatore. 12-14 Nov 2014.
- Imran, Md.; Ghadi, S.C. Preparation of a genomic library from multiple polysaccharides degrading *Pseudomonas* sp. and screening for agar degradation. *Nat. Seminar on Life and Life Processes: Sustainable development*. Goa University, Goa. 19-21 Feb 2015.
- Poduval, P.B.; Ghadi, S.C. Characterization of a marine virulent bacteriophage MC-1 specific to *Microbulbifer* sp. (Poster). *55. Annu. AMI Conf. on Empowering Mankind with Mi-*

crobial Technology. Association of Microbiologists of India and Tamil Nadu Agricultural University, Coimbatore. 12–14 Nov 2014.

- Sahu, A.; Kerkar, S. Psychrotrophic yeast characterization and its application. *State Level Seminar on Microbiology for a Better Tomorrow*. Dept. of Microbiology, P.E.S's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda and Microbiologists Society, India. 27 Feb 2015.
- Shinde, A.; Kerkar, S. Bacterial exopolysaccharides and their biotechnological applications. *State Level Seminar on Microbiology for a Better Tomorrow*. Dept. of Microbiology, P.E.S's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda and Microbiologists Society, India. 27 Feb 2015.
- Shirodkar, P.; Muraleedharan, U.D. Thraustochytrids as biodegraders in the marine ecosystem. *Nat. Seminar on Recent Developments in Biotechnology*. Dept. of Biotechnology, St. Xavier's College, Mapusa. 09-10 Mar 2015.
- Usman, S.; Ballav, S.; Kerkar, S. Optimization of anti-microbial lipopeptide (AML) production by a marine *Bacillus* sp. *State Level Seminar on Microbiology for a Better Tomorrow*. Dept. of Microbiology, P.E.S's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda and Microbiologists Society, India. 26 Feb 2015.

2.5: Faculty of Management Studies

Departments and Degrees:

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

FACULTY BOARD

Dean, Faculty of Management Studies	Chairperson (Ex-Officio)
Head, Department of Management Studies	Member (Ex-Officio)
Dr. M. S. Dayanand	Member
Dr. R. Nirmala	Member
Dr. Nilesh Borde	Member

Department of Management Studies

Faculty:

Full-time

Nandakumar Mekoth, Ph.D., Professor - Marketing

M.S. Dayanand, Ph.D., Associate Professor and Head - Marketing and Tourism

Purva Govind Hegde-Desai, A.C.A., Associate Professor - Finance, Marketing

R. Nirmala, Ph.D., Assistant Professor - Human Resources/ OB

Nilesh Borde, Ph.D., Assistant Professor - Finance

Visiting scholars:

Name of the Scholar	Institution	Title of Lecture	Date
Prof. UdoKlieber	DHBW University, Ravensburg, Germany	Marketing and Innovation	17 Dec 2014

Incremental Infrastructure:

- Purchase of a Video Conferencing Facility.

Major Thrust Areas and Achievements:

- Major thrust area identified is focus on Small and Medium Enterprises in terms of research and with an emphasis on Tourism. Two minor projects under BSE for Financial Literacy of MSMEs in Goa and Share Value Creation Index are taken up by the faculty as mentioned below. In addition Dr. Purva Hegde-Desai has a Major Research Project in the area of Financing for MSMEs in Goa in different / specified sectors. Two candidates have done their M.Phil in the area of tourism and are awaiting their results.

Projects

Project Investigator	Status	Title	Funding agency	Grant (Rs. In Lakhs)
Hegde-Desai, P.G.	Ongoing	Financing of Micro, Small and Medium Enterprises (MSMEs) in Goa (With reference too specified sectors)	UGC	6.36
Hegde-Desai, P.G.	Ongoing	Financial Literacy and other Factors affecting the usage of SME Platform of BSE by SMEs in Goa	The Stock Exchange Investors' Protection Fund	0.65
Hegde-Desai, P.G.	Ongoing	Share Value Creation Index for Sensex Companies	The Stock Exchange Investors' Protection Fund	0.65

Seminars, conferences, workshops, etc., organized:

Programme	Dates	Funding
SPSS Workshop	12-13 Dec 2014	Goa University
Refresher Course for Tourism Guides in collaboration with National Institute of Water Sports	1-12 Jul 2014	Ministry of Tourism

Research publications:*Articles in journals (* in SCI Journals)*

- Nirmala, R.; Krishnagopal, R.; Fernandes, W. Value system and ethics as determinants of managers' performance in organisations. *South Asian Journal of Management Research (SAJMR)*. 7(1); 2015; 564-573.
- Noronha, A.; Mekoth, N. The influence of demographic variables on social support expectations from health care systems. *International Research Journal of Commerce, Business and Social Sciences*. 3(3); 2014; 144-147.
- Noronha, A.M.; Mekoth, N. Impact of emotions and social support on consumers of health care systems. *Journal of Health Management*. 17(1); 2015; 51-62. 10.1177/0972063414560870
- PankajKumar; Nirmala, R.; Mekoth, N. Relationship between performance management and organizational performance. *Acme Intellects International Journal of Research in Management, Social Sciences & Technology*. 9(9); 2015; 23-35.
- Pinto, R.; Mekoth, N. Consumers' willingness to pay based on gender, brand reputation and involvement in cause related marketing. *International Journal of Developments in Trade, Commerce and Business*. 1(7); 2014; 53-56.
- Pinto, R.; Mekoth, N. Customer response to message framing in cause related marketing. *Revista Portuguesa de Marketing*. 16(31); 2013; 69-81.
- Sony, M.; Mekoth, N. The dimensions of frontline employee adaptability in power sector: A grounded theory approach. *International Journal of Energy Sector Management*. 8(2); 2014; 240-258.

Articles in books, conference proceedings:

- Angle, S.; Nirmala, R. Engaging employees for organisational effectiveness: an exploratory study. *Int. Conf. Business Excellence*. 9-10 Apr 2015, Bharati Vidyapeeth's Institute of Management Studies and Research. 2015; 28-42.
- Hegde-Desai, P.; Borde, N.; Kane, M.S. Financial inclusion in micro, small and medium enterprises in Goa. *Proc. Conf. Vision India: The Road Ahead*. 27-28 Jan 2015. Valia C.L College of Commerce &Valia L.C. College of Arts, Mumbai. 2015; 369-380.
- Jog, D.; Mekoth, N. Educational Tourism as an avenue of responsible tourism. *Proc. Conf. Vision India: The Road Ahead*. 27-28 Jan 2015. Valia C.L College of Commerce &Valia L.C. College of Arts, Mumbai. 2015; 281-284.
- Mekoth, N.; Dalvi, V. Development and validation of a self reported structured measure of non-adherence to chronic disease treatment. *Proc. Conf. Vision India: The Road Ahead*. 27-28 Jan 2015. Valia C.L College of Commerce &Valia L.C. College of Arts, Mumbai. 2015; 79-89.
- Mekoth, N.; Sukhtankar, V.S. Capacity Building for e-governance state of Goa: A qualitative study. *Proc. Conf. Vision India: The Road Ahead*. 27-28 Jan 2015. Valia C.L College of Commerce &Valia L.C. College of Arts, Mumbai. 2015; 166-175.
- Nirmala, R. Employee perception towards performance, management, productivity and reward system. *Proc. Conf. Vision India: The Road Ahead*. 27-28 Jan 2015. Valia C.L College of Commerce &Valia L.C. College of Arts, Mumbai. 2015; 221-229.

- Nirmala, R. Holistic development of students. *Revitalisation of Management Education*, Ed. By: Bholanath Datta, President MTC Global. Global Vision Publishing Book House, New Delhi. 2014; 137-146.
- Waikar, V.G.; Hegde-Desai, P. Evolving concepts of risk and risk management. *Proc. Conf. Vision India: The Road Ahead*. 27-28 Jan 2015. Valia C.L College of Commerce & Valia L.C. College of Arts, Mumbai. 2015; 381-389.

PhDs:

Degrees awarded:01 Thesis submitted:02 Students on roll:12

Placement details:40

Invited Lectures, Conference Presentations, etc.

Invited Lectures

- Hegde-Desai, P.G. Research methodology. *State Level Seminar for M.Com. Faculty and Students*, S.S. Dempo College of Commerce and Economics, Panaji. 30 Sep 2014.
- Hegde-Desai, P.G. Research objectives, hypothesis, variables, measurement and research design. *State Level Workshop on Research Methods and Data Analysis Using SPSS*, Goa University. Dept. of Management Studies. 12 Dec 2014.
- Hegde-Desai, P.G. Time management. *Course on Soft Skills for Officers of Customs Department*, National Academy of Customs, Excise and Narcotics, Western Region: Mumbai. 31 Dec 2014.
- Hegde-Desai, P.G. Self management. *Management Development Program on E-Governance and Knowledge Management*, National Productivity Council. 14 Jan 2015.
- Hegde-Desai, P.G. Self awareness. *Session for Scientists and Technologists*, IMTR, Margao. 19 Jan 2015.
- Hegde-Desai, P.G. Time management. *Session for Non-teaching staff of Government College of Engineering, Jalgaon*, IMTR, Goa. ICG, Goa. 23 Feb 2015.
- Hegde-Desai, P.G. Coping with stress for women scientists and technologists. *Trg. Program on Managing Change in Government Organizations for Scientists*, IMTR, Goa. 4 Mar 2015.
- Nirmala, R. Lectures in series on Management, International Management, Production Management, Financial Management (10 lectures). *Study India Programme* (Students from Japan), Goa University. 2-4 Jan 2015.
- Nirmala, R. Motivation. *Communication and Presentation Skills Programme for Scientists of Govt. of India*, IMTR, Goa. 14 Oct 2014.
- Nirmala, R. Stress and Burnout. *Session for IFS officers of the Government of India*, IMTR, Goa. 18 Nov 2014.
- Nirmala, R. Transformational Leadership. *Managerial Effectiveness Enhancement programme for Scientists and Technologists of the Govt. of India*, IMTR, Goa. 20 Jan 2015.
- Nirmala, R. Mentoring in a Team. *Session for IFS officers of the Government of India*, IMTR, Goa. 19 Feb 2015.

Conference presentations:

- Fa, M.; Hegde-Desai, P.G. Typology of complaints in airline industry. *Int. Conf. on Business Paradigms in Emerging Markets*. School of Management, National Institute of Technology Rourkela. 12-13 Dec 2014.

2.6: Faculty of Commerce

Departments and Degrees:

Department of Commerce - M.Com., MBA (Financial Services), M.Phil., Ph. D.

FACULTY BOARD

Dean, Faculty of Commerce	Chairman (Ex-Officio)
Head, Department of Commerce	Member (Ex-Officio)
Prof. B. Ramesh	Member (Ex-Officio)
Dr. K. B. Subhash	Member (Ex-Officio)
Dr. Sriram Padyala	Member

Department of Commerce

Faculty:

Full-time

Y.V. Reddy, Ph.D., Professor, Dean of Faculty - Finance and accounting

G. Anjana Devi Raju, Ph.D., Professor, Head – Accounting, finance and capital market studies

B. Ramesh, Ph.D., Professor - Accounting, finance, capital market studies (functional areas), Entrepreneurship, SMEs, Tourism Sector

K.B. Subhash, Ph.D., Professor – Finance, Entrepreneurship, and Tourism

P. Sri Ram, Ph.D., Assistant Professor - Finance, Accounting, Taxation

Tenure Basis

Pournima S.S. Dhume, Ph.D., Assistant Professor – Finance, Capital Market Studies, Retailing and Taxation

Poornima, B.G., M.Phil., Assistant Professor - Quantitative Techniques in Finance, Financial Econometrics, Financial Modelling

Subasish Mohanty, Assistant Professor

Pushpender Kumar, Assistant Professor

Temporary

Kaustubh Kamat, Assistant Professor – Marketing Management, IT, Computer Applications

Major Thrust Areas and Achievements:

- Accounting & Finance, Financial Services, Entrepreneurship Studies, Tourism and Hotel Management Studies

Incremental Infrastructure:

- 10 New Computers have been added to the Computer Labs

Seminars, conferences, workshops, etc., organized:

Programme	Dates	Funding
Seminar on Commodity Markets in India	25 Nov 2014	Multi-Commodity Exchange

Research publications:

Articles in journals (* in SCI Journals)

- Chen, R.; Lu, C.; Subhash, K.B. The case study of international cruise lines and the domestic local agents in Taiwan. *The Journal of Hsing Wu University*. 51; 2015; 127-146.
- George, R.; Reddy, Y.V. Corporate taxes in Goa: An analysis. *Arthshastra: Indian Journal of Economics and Research*. 4(2); 2015; 47-55. DOI: 10.17010/aijer/2015/v4i2/65547
- Mohanty, B.K.; Mohanty, S. Dimensions of technological transformation. *Kurukshetra*. 62(Jul); 2014; 35-39.
- Mohanty, S.; Kirti, S. Child labour: A serious threat to our national economy. *Anukriti*. 4(3); 2014; 237-242.
- Mohanty, S.; Kirti, S. Innovations in financial literacy: A perfect growth engine for rural development. *Current Journal*. 1(2); 2014; 38-49.
- Mohanty, S. Financing sector reforms; Role of co-operative societies in India. *Orissa Journal of Commerce*. 35(Jul); 2014; 48-58.

- Mohanty, S. Role of service sector in global economic slowdown. *Commerce and Business Studies*. 7(2); 2014; 52-63.
- Poornima, B.G.; Reddy, Y.S.; Reddy, Y.V. Indian currency market risk analysis: Value-at-risk approach. *IUP Journal of Financial Risk Management*. 11(4); 2014; 45-56.
- Poornima, B.G.; Reddy, Y.S.; Reddy, Y.V. Are Sensex futures riskier than SENSEX? *MAIMS Journal of Management*. 9(2); 2014; 44-50.
- Ramesh, B.; Dhume, P.S. Fund size and its impact on fund performance: An empirical evidence from selected Indian mutual fund companies. *Researchers World*. 5(4(1)); 2014; 37-45.
- Ramesh, B.; Mendes, S. Corporate social responsibility: A study of select public sector banks in India. *Scholars World*. 3(Spl Issue); 2015; 82-89.
- Ramesh, B.; Mendes, S. Corporate social responsibility: Perspectives in Indian context. *Australian Journal of Business and Economic Studies*. Also in: *Proc. Int. Seminar. Ethics and Corporate Social Responsibility: Emerging Issues and Challenges*, 8-9 Mar 2014. Indo Global Chamber of Commerce, Industries and Agriculture. 2014; 56-60.. 1(2); 2015; 93-101. <https://www.aabss.org.au/system/files/published/001010-published-ajbes.pdf>
- Ramesh, B.; Rane, P. Stock market reaction to buyback announcement of Reliance Industries Ltd.: An empirical study. *International Journal of Marketing and Financial Management*. 2(5); 2014; 31-39. <http://www.arseam.com/>
- Reddy, Y.V.; Wagle, N.S.; Naik, M.S. Performance evaluation of gold exchange funds listed on NSE. *Amity Case Research Journal*. 3; 2014; 60-65.
- Sanzgiri, S.S.; Reddy, Y.V. Women entrepreneurship culture: An Indian scenario. *Indian Journal of Management, RDA, Jaipur*. 3; 2014; 42-47.
- SriRam, P. ; Ramesh, B. An examination of seasonality in Indian stock market - with reference to NSE. *Sumedha Journal of Management*. 3(3); 2014; 90-99.
- SriRam, P. An examination of seasonality in Indian stock market – with reference to NSE. *Sumedha Journal of Management*. 3(3); 2014; 90-99.
- SriRam, P. Empirical evidence of price based auction of treasury securities in Indian bond market. *Arash-a journal of Indian Society for management Development and Research, Allahabad (ISMDR)*. 4(1n2); 2014; 66-74.
- SriRam, P.; Kerkar, P. An assessment and effectiveness of corporate governance in selective Indian sector. *Scholars World*. 3(1 (spl issue)); 2015; 7-14. <http://scholarsworld.net/english/volume-iii-issue-i-january-2015/>
- SriRam, P.; PoojaKumari A study on impact of corporate governance on FII's in selective sector in India. *Scholars World*. 3(1 (spl issue)); 2015; 15-20. <http://scholarsworld.net/english/volume-iii-issue-i-january-2015>.

Articles in Books and Conference proceedings:

- D'Mello, C.; Chang, L.; Kamat, K.; Scaglione, M.; Weiermair, K.; Subhash, K.B. An Examination of Factors influencing attitude towards tourism in Goa. *20. Asia Pacific Tourism Association Conf. Proc., Dept. Tourism Management, Dong-A University, Busan, Korea*. 2014; 557-568.
- Mohanty, S. Vision for Varanasi- Approach to city management. *Prime Minister's Aadarsh Gram Yojana: A Ray of Hope for Villages in Varanasi*. Bharti Publications, Daryaganj, New Delhi. 2015; 220-226.
- Mohanty, S. Excellence in HRD for Sustainable Growth, "An Empirical Study on the WLB Practices of Women Police Personnels in Goa", Excel Publishers, New Delhi. 2015; 228-237.

- Ramesh, B. Financial literacy and CSR. *Nat. Conf. on Financial Inclusion for Sustainable Development, Department of Studies and Research in Commerce and Management, Karnataka State Open University, Mysuru. 6-7 Dec 2014.* 2014;
- Ramesh, B.; Mendes, S. A study on CSR in the select Indian pharmaceutical sector. *Journal of APH Publishing Corporation: Sustainable Development and Business Strategies.* 2015; 132-146.
- Ramesh, B.; Mendes, S. Corporate social responsibility: A study of multinational companies in India. *CSR and Sustainable Development: A Multinational Perspective, Ed. by: Saurobh Mittal and Anu Gupta; Proc. Int. Conf. Corporate Social Responsibility and Sustainable Development Dubai (UAE), 4-5 May 2015. Society for Education and Research Development, India. ISBN: 978-1-63415-327-0. 2015; 91-99.* http://www.researchgate.net/publication/277664690_CSR_and_Sustainable_Development_A_Multinational_Perspective
- Ramesh, B.; Mendes, S. SWOT Analysis of E-Commerce. *Nat. Conf. Challenges and Opportunities in E-Commerce in India. SPMTM Arts and Commerce College, Chikhli. 12 Feb 2015.* 2015; 10-12.
- Subhash, K.B.; Weiermair, K.; Chen, R. Dynamics of venture capital: Transformational strategy for promoting rural tourism. A social venture capital and micro financing perspective. *Contemporary Trends in Tourism and Hospitality Management, Ed. by: Ashok Aima, Vinay Chauhan, and Jaya Bhasin. Primus Books, New Delhi, India. 2014; 161-181.*

Books and monographs:

- Garag, A.K.; Ramesh, B. Valuation of Future Contracts in Indian Stock Markets: A Study of Cost Carries, Open Interest and Future Price. *Sara Book Publishers, Ahmadabad.* 2015; 77pp.

PhDs:

Degrees awarded:01 Submitted: 01 Students on roll:25

Invited Lectures, Conference Presentations, etc.

Invited Lectures:

- Ramesh, B. *Opportunities for MBA & M.Com. Students at domestic and international markets.* Hindu College of Management, Amaravathi Road, Guntur. 6 Jan 2015.

Conference presentations:

- Mohanty, S. An empirical study on the work-life balance practices of women police personnel in Goa. *Nat. Conf. on Human Resource Development.* Faculty of Commerce, BHU. 14-15 Feb 2015.
- Mohanty, S. Assuring Quality Management Education in India. *Nat. Seminar on Indian Business Education and Research: Problems and Prospects.* P.G. College, Ghazipur, U.P. 27 Sep 2015.
- Mohanty, S. Role of commercial banks in the socio-economic development in India. *Nat. Seminar on Socio-Economic Development in India in Post-reform Era.* Sunbeam College for Women, Varanasi. 20 Dec 2015.

- Mohanty, S. An analysis of the socio-economic profiles of handloom weavers in Varanasi. *Int. Seminar on Vision for Varanasi-Approach to City Management*. Rajarshi School of Management and Technology (RSMT), Varanasi. 7-8 Feb 2015.
- Mohanty, S. Human resource development: An effective tool for organizational change in Uttar Pradesh. *Nat. Seminar on Human Resource Development in India: Challenges and Possibilities, (With Special Reference to UP)*. Mahatma Gandhi Kashi Vidyapeeth, Varanasi. 28-29 Mar 2015.
- Poornima, B.G.; Naik, P.; Reddy, Y.V. Changes in credit ratings and its impact on stock returns. *Nat. Seminar on Emerging Trends in Commerce and Management*. Narayan Zantye College of Commerce, Goa. 29 Apr 2015.
- Poornima, B.G.; Parab, N.; Reddy, Y.V. Economic value added (EVA) as an emerging tool of performance measurement: Evidence from Indian companies. *Int. Conf. on Demographic Dividends and Industrial Development, with Inclusive Approach: A Road Ahead*. Dept. of Commerce and Management, Shivaji University, Kolhapur. 2-3 Mar 2015.
- Poornima, B.G.; Frazor, T.; Reddy, Y.V. The determinants of capital structure: An empirical analysis. *Int. Conf. on Demographic Dividends and Industrial Development, with Inclusive Approach: A Road Ahead*. Dept. of Commerce and Management, Shivaji University, Kolhapur. 2-3 Mar 2015.
- Poornima, B.G.; Reddy, Y.S.; Reddy, Y.V. Currency market risk: A value at risk approach. *4. Indian Finance Conf.* IIM, Bangalore. 17-19 Dec 2014.
- Ramesh, B.; SriRam, P. An empirical study on the interdependence among stock market, commodities market and foreign exchange market. *Nat. Seminar on Commodity Derivative Trading in India: Issues and Concerns*. Osmania University, Hyderabad. 7-8 Aug 2014.
- Ramesh, B. Opportunities among SME's and emerging corporate. *Nat. Seminar on Management of Micro, Small and Medium Enterprises (MSME) in India: Problems and Prospects*. Department of Commerce & Management of R.B. Madkholkar Mahavidyalaya, Chandgad, Kolhapur. 10-11 Oct 2014.
- Ramesh, B. Training and its impact on performance and productivity: An employee perception. *35. World Management Congress*. Indo Global Chamber of Commerce Industries and Agriculture (IGCCIA), Indira Gandhi Technical and Medical Sciences University, Ziro and Muslim Studies Centre, Institute of Asian Studies, Chulalongkorn University, Thailand. 28-29 Dec 2014.
- Ramesh, B. (Keynote address on the theme). *5. Nat. Conf. on Sustainability in Management*. Bapuji Institute of Engineering Technology and Bapuji Academy of Management and Research of Bapuji Educational Association, Davangere. 29-30 Jan 2015.
- Ramesh, B. (Keynote address on the theme). *Nat. Conf. on Sustainable Development & Business Strategies*. Shree Mallikarjun College of Arts & Commerce, Canacona, Goa. 13 Mar 2015.
- Ramesh, B.; Mendes, S. A study on CSR in the select Indian pharmaceutical sector. *Nat. Conf. on Sustainable Development and Business Strategies*. DPM's Shree Mallikarjun College of Arts & Commerce, Delem-Canacona, Goa. 13-14 Mar 2015.
- SriRam, P. An assessment and effectiveness of corporate governance and corporate social responsibility in selective Indian companies. *5. Nat. Conf. on Sustainability in Management*. Bapuji Institute of Engineering Technology and Bapuji Academy of Management and Research of Bapuji Educational Association at Davangere. 29-30 Jan 2015.

2.7 Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP)

Faculty:

N. Shyam Bhat, *Ph.D.*, Professor and Coordinator (*Additional Charge*) - Modern Indian History and History of South Kanara

Full-time

Vijay M. Gawas, *L.L.M.*, Assistant Professor cum Assistant Director - Human Rights, Constitutional Law of India and Tribal Studies.

Major Thrust Areas and Achievements:

The Centre for the Study of Social Exclusion and Inclusive Policy promotes interdisciplinary research on the varied forms of social marginality, and the inclusive policies and programmes. It studies issues relating to the dynamics of discrimination and exclusion, caste and differently-abled with an active commitment to furthering democratic practices. It aims at analyzing the policies for protecting the rights of these groups and eradicating the problem of exclusion and discrimination. The Centre organizes conferences, seminars and symposia on the theme of social exclusion and inclusive policy.

Projects:

- Gawas, V. Completed a research project on “ Human Rights and Indigenous People in Goa” and the manuscript is submitted to Broadway Publisher, Panaji-Goa. This research project work was taken up independently without funding in the year 2011 and is completed in 2015.
- Gawas, V. A Project work on “ Violence Against Women and Human Rights: A Study on Goa” has been completed in 2015 and editing work is under process. This research project work was taken up independently without funding in the year 2012.

2.8 Innovative Programs

2.8.1 Research Development & Resources Mobilisation Cell (RDRM)

Research and Development Projects and Consultancies are carried out by the faculty members of Goa University. These projects are funded by various organisations such as Council of Scientific & Industrial Research (CSIR) New Delhi, Department of Science & Technology (DST), Govt. of India, University Grants Commission (UGC), New Delhi, Ministry of Earth Sciences (MoES), New Delhi, Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, Atomic Energy Regulatory Board (AERB) Mumbai, Department of Biotechnology (DBT), New Delhi, All India Council for Technical Education (AICTE), New Delhi, Department of Science, Technology & Environment, Goa (DSTE), NIO, Dona Paula, Goa, Ministry of Environment and Forests (MoEF), New Delhi, Indian Space Research Organisation (ISRO), Bangalore, Naval Research Board, (NRB), New Delhi, Directorate of Planning, Statistics & Evolution (DPSE), New Delhi, Board of Research & Nuclear Sciences (BRNS), Mumbai. In addition, Science Departments of the University received research grants under Special Assistance Programme (SAP) of UGC and Funds for Infrastructure in Science & Technology (FIST) of DST.

In the year 2014-15, six sponsored projects and four consultancy projects were sanctioned to the Departments of Physics, Marine Sciences, Economics and Centre for Women's Studies.

Prof. In-Charge: Menon H.B., Dept of Marine Sciences

2.8.2 Remote Sensing Laboratory (RSL)

A Remote Sensing Laboratory has been established with financial assistance from Indian Space Research Organisation (ISRO). The facilities of the laboratory include hardware consisting of five computers and software necessary for image processing. Image processing package such as ERDAS IMAGINE and SeaDas have been procured. An interdisciplinary course has been introduced across different faculties where remote sensing technique has application. The laboratory provides hands on training to students who opt for interdisciplinary course on remote sensing and research and thus cater to the county's need for trained manpower in this field. All the instruments necessary for in-situ observations of radiance and irradiance, spectrophotometer for analysing the optically active constituents from samples and sunphotometer for measuring aerosol optical depth have also been procured. At present there are many R&D projects funded by different agencies like Naval Research Bard, Space Applications Centre, Space Physics Laboratory of VSSC, ISRO and Indian National Centre for Ocean Information Service of Ministry of Earth Sciences, Delhi. All these projects are carried out by Department of Marine Sciences for which the laboratory has been used extensively.

Co-ordinator : Menon H.B., Dept of Marine Sciences

2.8.3 Study India Programme (SIP):

The SIP Programme is offered to a group of foreign students wanting to pursue study in India to earn credits. The Universities/institutions desirous to send a batch consisting not less than five students are required to contact the SIP Coordination Committee to prepare and sign a Memorandum of Understanding containing the course outline, time-schedule, credit transfer and fee structure. The MOU is a prerequisite for launching the SIP. The University does not entertain inquiries of students not supported by their respective Universities/Institutions.

During the period under report, 15 students from Nihon University, Japan participated in the Study India Programme at Goa University for a period of six months. The 32 credits earned by the students are transferred to their parent University i.e. Nihon University, Japan.

Co-ordinators: Somayaji G., Department of Sociology, Tripathi R., Department of Political Science and Alberto Fernandes, Academic (General) Contact e- mails: ganesh@unigoa.ac.in , rmt@unigoa.ac.in and albert@unigoa.ac.in

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

The Board of EMS&ES was set up for a period of three years via notification no 1/6/13-Acad-I/Ext.Mural/2013/2170 dated 19th August, 2013 as per the statute SA-25 of Goa University having following office bearers:

- | | |
|--|-------------------------------|
| 1) Vice-Chancellor, Goa University | Chairman (Ex-Officio) |
| 2) Registrar, Goa University | Vice-Chairman (Ex-Officio) |
| 3) EC Nominee | Shri Suresh Amonkar |
| 4) Shri Rajendra Kerkar
Keri, Ghoteli, Sanquelim-Goa | Member |
| 5) Dr Uday Gaonkar
Principal, Damodar Highe Secondary
School Gudi Paroda Quepem | Member |
| 6) Shri Ramrao Wagh
Dept.of Computer Science & Technology
Director, EMS&ES, Goa University | Member Secretary (Ex-Officio) |

The following activities were conducted under the Board during 2014-15

- Workshop on programming for School children's – "Hour of Code"-
"HOUR OF CODE" was organized in collaboration with GOA UNIVERSITY ACM STUDENT CHAPTER , and CSI Goa Chapter in the month of December 2014. "Hour of Code" is a part of global initiative to motivate learners to study computer programming. The Hour of Code which is part of Computer Science Education Week, December 8-14, aims to introduce more than 10 million students of all ages to the basics of coding, and to underscore the critical role of computing in all careers. The event was held at 5 centres across Goa viz Saraswat College, Mapusa SP Chowgule College, Margao GEC, Farmagudi SRIEIT, Shiroda and Goa University and about 25 schools and 300 school students participated in the event. "Scratch" graphical programming tool was taught to the students to create an interactive greeting card.

Programmes conducted at various schools/organizations:

S. No.	Name of the Resource Person & Topic	Date	Venue
1	Dr Rupesh Patkar Adolescence issues for Boys	22/1/2015	1.LHBD School, Thane, Sattari
		10/2/2015	2.Govt High School, Nagargao, Sattari
		18/2/2015	3.Govt High School, Surla
		26/2/2015	4.Bhumika High school, Parye
		3/3/2015	5.Govt High School, Bhuipal
2	Prachi Prabhu Adolescence issues for Girls	22/1/2015	1.LHBD School, Thane, Sattari
		10/2/2015	2.Govt High School, Nagargao, Sattari
3	Madhavi Patil Adolescence issues for Girls	18/2/2015	1.Govt High School, Surla
		26/2/2015	2.Bhumika High school, Parye
		3/3/2015	3.Govt High School, Bhuipal
4	Ramchandra(Somu) Rao Scientific Temper & Fear of Unknown	2/2/2015	1.Holy Rosary High School, Nuve
		5/2/2015	2.Peter Alvares High School, Morje
		20/2/2015	3.Miracle High School, Sanquem 4.Govt Polytechnic, Curchorem
		27/2/2015	5.Vidya Mandir, Chicalim Vasco
		28/2/2015	6.GovtHigh School, Sada, Vasco 7.Ravindra Kelekar High School, Margao
		3/3/2015	8.Wagle High School, Mangueshi

- Seminar on “Prudent Mining” was held in association with Goa University Visiting Research Professor Programme D D Kosambi Chair in Interdisciplinary Studies and Goa University Alumni Association on 29th October 2014. The seminar was addressed by Dr Maria Aurora Couto, Director, VRPP followed by presentations by Professor Madhav Gadgil and Mr P F X D Lima. This was followed by an interactive session with Participants that was moderated by Dr Satish Shetye, Vice-Chancellor, Goa University. The programme was attended by over 100 stakeholders from mining affected area, business houses and NGOs.
- Workshop on water harvesting by Department of Earth Sciences, Goa University was held at PT Naik Higher Secondary School, Curchorem under the guidance of Prof Chachadi and Prof Anthony Viegas of Earth Science dept. Around 25 students of MSC & PhD from Earth Sciences conducted demonstrations, poster display and street play on water harvesting. The programme was attended by 200 students and teachers.
- Demonstrations workshops and talks by Shri Ramchandra(Somu) Rao on FEAR OF THE UNKNOWN at various schools and Workshop on Problems during adolescence by Dr Rupesh Patkar and Prachi Prabhu in various schools as per following schedule:

Co-ordinator: Ramrao Wagh, Department of Computer Sciences

2.8.5 Earth Science & Technology Cell(ESTC)/Centre of Excellence in Marine Microbiology (CoE)

The Ministry of Earth Sciences (MoES) supports basic and applied research in Ocean and Atmospheric Science and Technology in Universities through establishment of ESTCs. Nine such specific ESTCs have been set up in different institutions of the country that take up projects submitted by Universities, National laboratories and Indian Institutes of Technology, etc. Goa University has been identified to set up one such specific ESTC in the area of Marine Microbiology.

The objectives of the Cell are to strengthen academic and scientific work in the area of Marine Microbiology. The Cell functions under the guidance of the Management Board constituted by Ministry of Earth Sciences, with the Vice Chancellor, Goa University, as the Chairperson and Research Coordinator, ESTC as Member Secretary. The MB meets to discuss, guide and direct the activities of the Cell.

Ongoing projects:

Genotoxicity studies on Field Populations of Commercially important Fin Fishes and Shellfishes of Central West Coast of India. PI - S. K. Shyama.

Studies on phosphate solubilizing halophiles and alkaliphiles from marine and coastal ecosystems as potential biofertilisers for saline soils. PI - SunitaBorkar.

Completed Project:

Biological synthesis of metal sulfide and metallic nanoparticles using halophilic Archaeobacteria. PI - MeenalKowshik.

Publication:

Srivastava, P.; Bragança, J.; Kowshik, M. In-vivo synthesis of selenium nanoparticles by *Halococcus salifodinae* BK18 and their anti-proliferative properties against HeLa cell line. *Biotechnology Progress*, 30(6):1480-1487, 2014.

Prabhu, N; Garg, S.; Borkar, S. Formulation of biofertiliser using alkali tolerant and halo tolerant phosphate solubilizing bacteria and their effect on growth of *Oryza sativa*. In "Recent Developments in Biotechnology" DeSa, W. (editor). Published by Department of Biotechnology, St. Xavier's College, Mapusa, Goa. ISBN: 978-93-84298-28-9. Pg No. , 2015

Conference Presentations:

Prabhu, N.;Borkar, S., Garg, S. Land reclamation using plant growth promoting alkaliphiles obtained from coastal ecosystems of Goa. 4th National Conference on "Pollution in Urban and Industrial Environment", December 8-9, 2014, organized by Jadavpur University, Kolkata, West Bengal.

D'costa, A; Shyama, S.K. Monitoring the pollution status of Goan Coast using genotoxicity studies in the fish, *Arius arius*. KSTA Conference on "Ecosystem: Emerging Issues", January 9-10, 2015, Karnataka Science and Technology Association, DST, Government of Karnataka organised by Poornaprajna College, Udupi, Karnataka.

D'costa, A; Shyama, S.K. Evaluation of the pollution status of the Goan Coast using genotoxicity biomarkers in the fish, *Johnius dussumieri*. National Seminar on "Life and Life Processes: Sustainable Development", January 19-21, 2015 organised by Department of Zoology, Goa University, Goa.

Prabhu, N.;Borkar, S., Garg, S. Effect of Stress Conditions such as pH, Salt Concentration and Metal Ions on Haloalkaliphilic Phosphate Solubilizing Bacterium. 4th Bhartiya Vigyan Sammelan and EXPO, February 5-8, 2015, Kala Academy, Panjim, Goa – India.

Coordinator: Sandeep Garg, RC/PI – ESTC/COE, Department of Microbiology

2.8.6 Distance Education Information & Training Infrastructure (DEITI).

As usual, DEITI has carried on its activities during the period for all kinds of audio-visual productions of various events in the University. The major events include the VRPP lectures by the renowned Speakers, guest lectures and the University annual Convocation. The DEITI has been archiving these entire recorded events for future reference.

DEITI has taken up a professional commercial production of the annual '**Kaleidoscope Quiz**', which was telecast on a local TV channel. The twelve episodes of this were produced in four languages, viz., Portuguese, Konkani, Hindi and French where the students of various Higher Secondary Schools in Goa participated.

DEITI audio recording and post production mastering facility was utilized for production of two audio CDs viz. 'Ghumat Mangesh' for Heramb Kala & Sanskrutik Mandal, Mangeshi & 'Fugadi' for Vitthal Kala and Sanskrutik Mandal, Akhada -St. Estev.

27th Annual Convocation which was held on 23rd January 2015 was recorded and the live telecast of the proceeding of the Convocation was made available by DEITI through University website.

Thirteenth IIRS (Indian Institute of Remote Sensing) Outreach Programme on "**Basics of Remote Sensing, Geographic Information System & Global Positioning System**" was successfully conducted in DEITI studio for the students of Dept. of Earth Science. A-View platform was used for two-way interaction between the resource persons at Dehradun hub and the participants at the DEITI studio. This course was conducted from 4th August to 14th November 2014.

Goa University placed the order for development and implementation of the Goa University Management Solution (GUMS) to KELTRON (Kerala State Electronics Development Corporation Ltd). The study for System Requirement Specification (SRS) for the entire solution was in progress with great earnest towards development/customization of the software.

The admission process for admission to all the PG programmes was made online. The payment gateway was integrated with the system to facilitate the candidates to pay the relevant fees online by debit/credit cards or NET banking. Similarly, the candidates applying for Convocation also submitted the application forms online along with payment of relevant fees.

The quotations were invited for Smart Cabinet to set up a Rack based professional Data Centre. This will solve the long awaited need for a proper infrastructure to safely in house the Computer Hardware of the University.

The New IMBA was connected through a bridged wireless link which will temporarily solve the Internet requirement need of the said department. A permanent solution to lay a Fibre Optic cable through the NMEICT project is also worked out.

Additional Wireless Hotspots are placed in the Faculty enclave to boost the existing wireless reach, this enables the users to capture the Internet facility seating outside the canteen area.

The implementation of IP surveillance on the entire campus at identified locations was approved by the University authority. The vendor is identified and the process for placing order was in progress.

The redundant WAN connectivity was enhanced to 20mbps to facilitate the basic Internet service on the failure of the main 1gbps NKN link. The university look forward to further enhance the same.

The internet LAN was extended to the Sports Section using Fibre Cable. With this the long awaited need of having an uninterrupted Internet Facility was fulfilled.

In-Charge: M. Chakraborty

2.8.7 Workstation for Mircodata from Census

The initiative to host the Census Data Workstation was taken by Goa University in response to the invitation received from Shri A. K. Wasnik, IAS, Director of Census Operations. The Memorandum of Understanding (MOU) for setting up the workstation was signed by Mr. Mallikarjuna, Joint Director, Directorate of Census Operations, Goa and Prof. V. P. Kamat, Registrar, Goa University and the workstation is established in the Goa University Library building. The objective of setting up microdata station is to permit qualified researchers optimum use of anonymized sample microdata from census for in-depth research. Workstation enables the researchers to have access to micordata 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. The researchers from within the state and neighbouring states have visited the centre during 2014-15.

Coordinators: P. K. Sudarsan, Department of Economics and
V. Gopakumar, University Librarian

2.9 National Service Scheme

A total of 10856 volunteers were registered from the 31 Colleges both Government and non Government affiliated to the Goa University. The annual meeting cum orientation programme was held for all the NSS Programme Officers on 25th July 2015 in the conference Hall of Goa University. The NSS orientation was also held for the NSS volunteers in all the Colleges. To mark the National NSS Day, on 24th September, various activities/programs were organized in all the Colleges.

Under regular activities the following programmes and events were organized in the Colleges.

- Garbage Management
- Vector- borne Diseases Awareness
- Substance Abuse,
- Rallies on Various Issues.
- World HIV Day.
- Eye Camp/Medical Camp.
- Tree Plantation.
- Blood Donation Camps.
- Swachha Bharat Abhiyan

A total of 19 Colleges Conducted Special camping programme in their adopted Villages for the benefit of the villages with special emphasis on the following activities:

- Medical camps for villagers.
- Rallies on various social Issues.
- Health and Hygiene Awareness Program.
- Swatcha Bharat Abhiyan (Nital Goen).
- Visits to Old Age Homes.

- Lectures on Personality development by eminent Resources Persons

12 NSS Volunteers participated in the 10 days adventure camp held at Atal Bihari Vajpayee Institute Shimla, Himachal Pradesh. Mr. Virendra Amonkar, NSS Programme officer was the Contingent leader.

10 NSS Volunteers (5 Boys and 5 Girls) participated in the 7 days NSS Mega Camp at Ladun, Jaipur.

12 NSS Volunteers (6 Boys and 6 Girls) Participated West Zone Pre RD Camp at Rajahmundry, AP

Two NSS Volunteers (Male and Female) were selected for RD Camp at New-Delhi

Under Swachh Bharat Abhiyan (Nital Goyem), from 2nd Oct 2014 onwards, a competition was held to collect empty PET bottles. 11 Colleges responded for the competition and collected approximately 800kgs of PET bottles which were recycled by third party vendors. The Colleges actively participated in various competitions to celebrate the National Voters day on 25th January 2015.

NSS Volunteers and NSS Programme Officers from the Colleges assisted the aged, the physically disabled, tourists etc, at the Exposition of the Sacred Relics of St. Francis Xavier, Old Goa from 22nd November to 4th January 2015.

NSS Volunteers and NSS Programme Officers from the College Units contributed towards "Prime Minister National Relief Fund" An amount of Rs 64,138/- was deposited at NSS Regional Centre, Pune.

On the occasion of "Armed Force Flag Day" following NSS Units contributed towards "Sainik Welfare Board". An amount of Rs.12,835/- was deposited at the Department of Sainik Board.

Ms. Rosebell Baretto NSS Volunteer from V.M. Salgonkar College of Law, Miramar, Panjim was conferred with Indira Gandhi National Scheme Award. The same was presented at the hands of His Excellency President of India Shri. Pranab Mukherjee on 19th November 2014 at the Rashtrapati Bhawan, New Delhi.

Ms. Sushila Raja Telgiri, NSS Volunteer from Narayan Zantye College, Bicholim, represented India as Member of Indian Youth delegation and participated in Youth Convention held in China.

Ms. Rajeshwari Sawant and Mast. Sumanth Nayak NSS Volunteers from St. Xaviers Hr. Sec. School Mapusa and N. Zantye College, Bicholim respectively were selected from West Zone R. D. Camp for Republic Day Camp of one month. They also participated at the Republic Day Parade at Rajpath New Delhi on 26th January 2015.

A total of 3000 students were benefited with entitlement marks after completing 60 hours of work in each semester.

C0-Ordinator: Pradeep Morajkar, St. Xavier's College, Mapusa.

2.10 Visiting Chair Research Professors Programme (VRPP)

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

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

Ser#	VRPP Chair	Professor
1	DD Kosambi Chair in Interdisciplinary Studies	Madhav Gadgil Romila Thapar Sudhir Kakar
2	Dayanand Bandodkar Chair in Political Economy	Amit Bhaduri Ashok Chandra
3	Kavivarya Bakibaab Borkar Chair in Comparative Literature	Ashok Vajpeyi Nirmala Jain Jeet Thayil Uday Bhembre*
4	Mario Miranda Chair in Art, Fine Art	Orijit Sen Jyotindra Jain Vidya Dehejia* Sheba Chaachh*
5	Anthony Gonsalves Chair in Western music	Santiago Lucardi Girelli
6	Nana Shirgaokar Chair in Indian Music	Mark Troop* Shubha Mudgal Bahauddin Dagar

**New Appointments from 2014-15*

VRPP – Salient features & achievements

- Internationally reputed personalities from India and abroad provide unique opportunity to Goans to interact.
- All courses/workshops/sessions are open to students as well as general public. Over 1500 participants during the first two year.
- Integrated into university's choice based curriculum as credit courses as well as available as electives in affiliated colleges.
- Courses/activities are organized not only at University but also in colleges affiliated to university and other locations in Goa benefitting PG/UG students and general public. Certificates are issued to all the participants who complete the course.
- A dedicated website to disseminate all information related to VRPP Programme and online registration facility for all courses.
- Goa University formed its own Western Music Choir and performed at prestigious festivals and places through efforts initiated due to VRPP Professors.
- Documentation of Goan culture, social practices.
- Infused the young researchers in Goa with new ideas by engaging in dialogues
- Brought back interest in liberal art, Indian and western classical music & Literature in the young minds
- Most of the sessions have been video graphed and made available on web or local intranet. This will serve as a source of knowledge in coming years.

List of activities/courses/workshops conducted under each chair

In its second year, various courses, events, workshops and performances were organized under each chair. The detail Schedule of activities is shown for both the terms in the attached table.

D D Kosambi Chair in Interdisciplinary Studies

- Prof Madhav Gadgil: Authoring book & interaction with school and villagers from 25/8 to 1/9/14, from 28/10 to 5/11/14 and 27/1/ to 5/2/2015. A interactive session on “The Development Model India Needs” was held on 26th August, 2014 at International centre, Goa. A Workshop on “Prudent Mining” was held on 29th October at Conference hall.
- Prof Romila Thapar: Prof.Romila Thapar conducted a Refresher Course in Ancient Indian History in August, 2014 at Goa University.(22, 23,25 and 26th August 2014)

Dayanand Bandodkar chair in Political Economy

- Prof Amit Bhaduri : Authoring book & dialogue with teachers and research scholars from 25/8 to 1/9/14 at Goa University and a interactive session on “The Development Model India Needs” was held on 26th August, 2014 at International centre, Goa.

Kavivarya Bakibaab Borkar chair in Comparative Literature

- Adv. Uday L. Bhembre taught four 4 credit courses for MA-Konkani at Goa University. A musical programme on poems composed by Uday Bhembre titled “Amori Amurpiki” in association with Git Shakun group was held at conference hall on 19/2/2015.
- Jeet Thayil conducted a workshop on Performance Poetry from 5/1 to 8/1/2015 at Sanskriti Bhavan, Patto, Panaji.

Mario Miranda chair in Art, Fine Art

- Orijit Sen: conducted a Course on “Mapping Mapusa Market” from 10/8 to 29/8 at DMs College, Assagao and conducted a mural design course “Utopia Dystopia- Mural design course” form 01/12 to 21/12/14 at University.
- Sheba Chhachhi conducted a course on “THE POLITICS OF CONTEMPLATION, AN ART-IST’S PATHS OF ENQUIRY IN NEW MEDIA” form 17/2 to 2/3/15 at Goa College of Architecture, Panaji.
- Jyotindra Jain conducted a 1 Credit course on “Indian Folk and Tribal Art Practices” from 6/1 to 17/1/15 at University.
- Prof Vidya Dehejia conducted a one credit course on “ONCE UPON A TIME: VISUAL NARRATIVES OF INDIA” from 4/8 to 17/8 & a series of lectures from 22/9 to 27/9 at Goa University.

Anthony Gonsalves Chair in Western music

- Prof Santiago Girelli conducted 1 Credit courses on “Western Music 1” & “Western Music 3” from 13/7 to 10/9 at Chowgule College, Margao & Goa University respectively. He also conducted a 1 credit course on “Western Music 4” from 8/1 to 15/2 & 25/2 to 2/3/15 at University. He also directed the Goa University choir that presented concerts at Mae de Deus church, Saligao on 21 August 2014, St Michaels Church, Taligao on 28th February and were invited for the prestigious Jagotick Konkani Sarmelan at Mangalore where they performed at St Joseph’s Seminary Church on Saturday 23rd August, 2014. A concert in association with Alliance Francaise, Panajim, and The Directorate of Art & Culture, GOVT OF GOA titled "FROM CLASSICAL MUSIC TO FLAMENCO" by Serge Lopez

(Guitar) and Nathalie Marin (Piano) was held on Wednesday, January 28, 2015 at Goa University.

- Mark Troop conducted a course on “Classical Style in Western Music” from 30/6 to 13/7/14 at Goa University.

Nana Shirgaokar Chair in Indian Music

- Shubha Mudgal conducted a series of public lectures and trained the participants on “Improvisations in Khayal, Thumri & Allied Forms of music” from 8 /9 to 18 /9/14 at Central Library Hall, Patto, Panaji.
- Ustad Bahauddin Dagar conducted a course on “Dhrupad Music, Indian Classical Traditional Arts & Their Philosophy” from 18/8 to 27/8/14 and 16/3 to 25/3/15 at Central Library Hall, Panaji.

VRPP Chairs and Professors appointed under each chair for Year 2014-15

Sr. No.	VRPP Chair	Professor
1	DD Kosambi Chair in Interdisciplinary Studies	Madhav Gadgil
		Romila Thapar
		Sudhir Kakar
2	Dayanand Bandodkar Chair in Political Economy	Amit Bhaduri
3	Kavivarya Bakibaab Borkar Chair in Comparative Literature	Ashok Vajpeyi
		Nirmala Jain
		Jeet Thayil
4	Mario Miranda Chair in Art, Fine Art	Orijit Sen
		Jyotindra Jain
5	Anthony Gonsalves Chair in Western music	Santiago Lucardi Gireli
6	Nana Shirgaokar Chair in Indian Music	Mark Troop
		Shubha Mudgal
		Bahauddin Dagar

Coordinator: Ramrao Wagh

PART-3:

Ph.D. AWARDEES AND RANK HOLDERS

3.1 Ph.D Awardees: Faculty Wise List

FACULTY OF LANGUAGES AND LITERATURE					
Sr No.	Candidate	Sex	Title	Subject	Guide
1	Mr.Mubarak Abdul-lah Saif Altwaiji	M	Issues related to Arab Muslim Identity, Nationalism and Projection of Islam in Post 9/11 American Novel	English	Prof. K.S. Bhat
2	Ms. Bharati Prashant Falari	F	Literature to Films: A study of select Women Protagonists in Hindi Cinema	English	Prof. Kiran J. Budkuley
3	Ms. Sheila Viswanathan	F	The role of the advertising translated in today's Era of Globalisation: A study of the cultural differences in the translated text and source text following the process of localization as a translation techniques, with particular reference to print advertisement	French	Dr. Edith Melo Furtado
4	Ms. Rakhi Vishnu Amonkar	F	Sociological study of Konkani Essay Writing	konkani	Dr. Chandralekha D'Souza
5	Mr. Purnanand Gajanan Chari	M	Pundalik Naik ani Vijai Tendulkar hanchya vechik Natkancho tulanatmak abhyas	konkani	Dr. Chandralekha D'Souza
6	Mr. Prakash S. Pariekar	M	Sociological Study of Mahabaleshwar Sail's Novels.	Konkani	Dr. Chandralekha D'souza
7	Ms. Deepa Suryakant Kadam	F	Marathi Vidnyan Kadambari-Ek Wangmayeen Abhyas	Marathi	Prof. Vasudeo D. Sawant

FACULTY OF SOCIAL SCIENCES					
Sr No.	Candidate	Sex	Title	Subject	Guide
1	Ms. Meenakshi Bawa	F	Financial inclusion in Goa: An analysis of access to and use of Banking services	Economics	Dr. P. K. Sudarshan
2	Ms. Muna Mohammad Ali Telha	F	Yemen's Economic Integration into Gulf Cooperation Council (GCC): Problems and Prospects	Economics	Dr. P. K. Sudarshan
FACULTY OF NATURAL SCIENCES					
Sr No.	Candidate	Sex	Title	Subject	Guide
1	Mr. Hari Krishna Kadam	M	Synthetic studies of Nitrogen containing Bioactive organic compounds and their analogues.	Chemistry	Prof. Santosh G. Tilve
2	Ms. Jhimli Adhikari	F	Mining and Analysis of Time - stamped Database	Computer Science and Technolgy	Prof. P. R. Rao
3	Mr. Manoj M. C.	M	Geochemical studies on late Quaternary Sediments from the Indian sector of Southern Ocean and its Palaeoenvironmental Implications.	Earth Science	Dr. Thamban Meloth
4	Ms. Vinaya Rajendra Gad	F	Design, Implementation and performance study of Gigabit Ethernet protocolusing embeded technologies.	Electronics	Prof. G. M. Naik
5	Mr. Dominick Nelson Lobo	M	Study of Structural and Magnetic Properties of Gallium free Heusler alloys exhibiting Martensitic Transitions.	Physics	Dr. K. R. Priolkar

FACULTY OF LIFE SCIENCES AND ENVIRONMENT					
Sr No.	Candidate	Sex	Title	Subject	Guide
1	Ms. Cassie Reena Rodrigues	F	Studies on seed germination and micro propagation of <i>Trema Orientalis</i> (L) Blume and <i>Macaranga Peltata</i> (Roxb.) Mull. Arg. And their use in Revegetation of Mine Wastelands.	Botany	Prof. B. F. Rodrigues
2	Ms. Seema A. Dessai	F	Studies on Arbuscular Mycorrhizal (AM) Fungi in vegetable crop plants of Goa	Botany	Dr. B. F. Rodrigues
3	Ms. Sonashia Velho-Pereira	F	Exploration, Isolation, Identification and screening of local Actinomycetes strains for Industrially useful Antibiotics and Enzymes	Botany	Dr. Nandkumar Mukund Kamat
4	Mr. Samit Bajrang Kadam	M	Cytogenetics studies on Leukocytes of Head and Neck Cancer Patients undergoing Radiotherapy	Zoology	Prof. S. K. Shyama
5	Mr. Shivraj Yuvraj Bhoite	M	Salinity adaptations of mud crab, <i>Scylla serrata</i> (Forsk.) : Role of lipid in Osmoregulation	Zoology	Prof. R. Roy
6	Mr. Kunja Datta Priolkar	M	Comparative studies on Physical Chemical and Biological Components of some selected Temple tanks in Goa	Zoology	Prof. I. K. Pai
7	Mr. Swapnil Pakash Doijad	M	Biofilm forming ability and disinfectant resistance of <i>Listeria</i> species from food and food processing units	Microbiology	Dr. S. B. Barbudhe

8	Ms. Brenda D'Costa	F	Biological characterization of selected Alkaline protease producing Alkaliphilic Bacteria from Coastal Ecosystems of Goa	Microbiology	Prof. Santosh Kumar Dubey
9	Mr. Subhajit Basu	M	Microbial Ecology of Phytoplankton Blooms of the Arabian Sea and their Implications	Microbiology	Prof. Irene Furtado
10	Ms. Sanika Shivdas N.	F	Interaction of Haloarchaea with Fe ²⁺ and Mn ²⁺ Ions	Microbiology	Prof. Irene Furtado
11	Ms. Dnyananda Khanolkar	F	Biochemical and Molecular Characterization of TBTCI resistant estuarine Bacteria from Goa to explore their resistance Mechanisms	Microbiology	Prof. Santosh Kumar Dubey
12	Ms. Gauri Anil Achari	F	Interaction of Ralstonia solanacearum, a Bacterial wilt pathogen with xylem residing Bacteria in solanaceous vegetables	Microbiology	Dr. R. Ramesh
13	Ms. Sushanta Divaker Kalekar	F	Characterization of Listeria spp. From clinical cases.	Microbiology	Dr. S. B. Barbuddhe
14	Ms. Sapna Suhas Gaitonde	F	Ralstonia Solanacearum in eggplant : Diversity, Virulence and factors influencing its survival in soil.	Microbiology	Dr. R. Ramesh
15	Mr. Ajay Dilip Pathak	M	Epidemiology of Brucellosis among Humans and Animals in Goa Region.	Microbiology	Dr. S. B. Barbuddhe

16	Mr. Shynu R.	M	Characteristics and sources of suspended and bottom Sediments from the Mandovi and Zuari Estuaries: A Comparison	Marine Science	Dr. V. Purna-chandra Rao
17	Ms. Maria Brenda Luzia Mascarenhas	F	Geochemical aspect of early diagnosis, submarine volcanism and hydrothermalism in an intraplate tectonic setting	Marine Science	Dr. B. Na-gender Nath
18	Mr. Sabyasachi Sautya	M	Response of benthic community structure to the habitat heterogeneity in the Indian Ocean	Marine Science	Dr. Baban S. Ingole
19	Mr. Mahabaleshwar R. Hegde	M	Studies on spatio-temporal variation and community structure of demersal resources of Goa, West Coast of India	Marine Science	Dr. C. U. Rirvonker
20	Ms. Smita Suresh Nagvenkar	F	Studies on Ecobiology of <i>Paphia malabarica</i> (Chemnitz) from Estuarine Habitats of Goa	Marine Science	Dr. Tanaji G. Jagtap
21	Mr. Anant Pande	M	Depositional environments and processes within mudflats and mangroves along central West Coast of India	Marine Science	Prof. G. N. Nayak
22	Ms. Samida P. Volvoikar	F	Reconstruction of Environment of Deposition using mudflat and Mangroves Sediments along Northern Maharashtra West Coast of India	Marine Science	Prof. G. N. Nayak
23	Ms. Ratnaprabha R. Siraswar	F	Speciation and Bio availability of Metals in Mudflats and mangroves Regions of Mandovi Estuary, West Coast of India	Marine Science	Prof. G. N. Nayak

24	Mr. Sujith P. P.	M	Ecology of Metals-Microbe Interactions in Ferromanganese Crusts of the Afanasiy-Nikitin Seamount	Marine Science	Dr. Maria Judith B. D. Gonsalves
25	Ms. Shital Paulu Godad	F	Variability of SST, Monsoon Productivity and OMZ over the last 40Ka in the Arabian Sea during late Quaternary.	Marine Science	Dr. P. Divakar Naidu
26	Mr. Hrishikesh Babasaheb Pawar	M	Development and standardisation of Culture Techniques for conservation of Yellow Seahorse, Hippocampus Kuda (Bleeker, 1852)	Marine Science	Dr. Baban S. Ingole
27	Mr. Amol Prakash	M	Intraseasonal variability of currents along West Coast of India	Marine Science	Dr. Shankar Doraiswamy
28	Mr. V. Vijith	M	Physical Oceanography of the Mandovi and Zuari, two Monsonal estuaries in Goa, Central West Coast of India	Marine Science	Dr. Satish R. Shetye
29	Ms. Shilpa Shirodkar	F	Aerosol characterization and Radiative forcing over regions of different optical Domains	Marine Science	Prof. H. B. Menon
30	Ms. Vidya P. J.	F	Influence of physical processes on the seasonal and inter-annual variability of Biogenic flux in the Bay of Bengal.	Marine Science	Dr. S. Prasanna Kumar
31	Ms. Vikesano Rosaline Punyu	F	Palaeoproductivity reconstruction for the Northern Indian Ocean utilizing lipid biomarkers.	Marine Science	Dr. Virupaxa K. Banakar
32	Mr. Ishfaq Ahmad Mir	M	Geochemical and Organic matter isotopic studies to understand late Quaternary Climate in the Northern Indian Ocean.	Marine Science	Dr. Vishnu M. Matta

33	Mr. Suhas S. Shetye	M	Carbon fluxes in selected sites of Bay of Bengal and Southern Ocean and their significance.	Marine Science	Dr. M. Sudhakar
34	Ms. Vazhakatt Lilly Anne Devasia	F	Thraustochytrids as a potential source of polysaccharide- degrading enzymes	Bio-technology	Prof. Usha D. Muraleedharan
35	Ms. Flory Sylvia Saldanha Pereira	F	Metal Tolerance in Heterotrophic Bacteria from Marine Salterns of Ribandar, Goa	Bio-technology	Dr. Savita Kerkar
36	Ms. Ngassa Mbenda Huguette Gaelle	F	Molecular diagnosis of malaria infection and evolutionary genetics of drug resistant genes in Plasmodium falciparum in Cameroon	Bio-technology	Dr. Aparup Das
FACULTY OF LAW					
Sr No.	Candidate	Sex	Title	Subject	Guide
1	Ms. Ranjana Beverly Ferrao	F	Enforcing Child Laws and Juvenile Justice in Goa	Law	Prof. Marian Pinheiro
2	Ms. Kim Rocha Couto	F	Enhancing access to Justice in Goa through Lok Adalats: A Critical Legal study	Law	Prof. Marian Pinheiro
FACULTY OF COMMERCE AND MANAGEMENT STUDIES					
1	Ms. Aruna Mesquita e Noronha	F	Impact of Emotions and Social support on positive consumer Behavioural Intentions in health care system.	Management Studies	Prof. Nandakumar Mekoth
2	Ms. Roshan Govind Naik	F	Savings and Investment Behaviour of investors in Goa : An Empirical Study.	Commerce	Prof. Y. V. Reddy

3.2 LIST OF RANKERS

AWARD OF PRIZES, SCHOLARSHIP, MEDALS AT THE TWENTY-EIGHTH ANNUAL CONVOCATION.

Sr. No.	NAME OF THE CANDIDATE	SUBJECT	AWARD	NAME OF DONOR
FACULTY OF LANGUAGES & LITERATURE				
1.	Sarah Naomi Fernandes	M.A. English	i) Francisco Correia Afonso Memorial Prize	i) Mr. A. Correia Afonso
			ii) Fr. Victor Joao Gualberto Anes and Arnaldo Tome Berta Epifanio Anes Prize	ii) Fr. Victor Joao Gualberto Anes and Arnaldo Tome Berta Epifanio Anes
2.	Samira Yedve	M.A. Hindi	i) Shri Prabhakar Shejwalkar Gold Medal.	i) Shri P.A. Shejwalkar
		M.A. Hindi	ii) Uttaranchal Sanskritic Mandal Goa Scholarhip	ii) Dr. S.N. Lall
3.	Teffany Maria Gama	M.A. Konkani	Late Shri Dilip Kumar Rayu Prabhu Mhambre Gold Medal	Mrs. P.D. Mhambre
4.	Prachi Ganpat Joshi	M.A. Marathi	Late Smt. Rukminibai And Late Bapurao Wader Memorial Prize	Dr. Pralhad Wader
5.	Kshama Dattaram Dharwadkar	M.A. French	Venkatesh Govind Sinai Virginkar Prize	Mrs. Vijaya B. Virginkar
6.	Aurobindo Jose Xavier Couto	M.A. Portuguese	i) Finalistas Do Setimo Ano Do Liceu-1957 Gold Medal	i) Finalistas Do Setimo Ano Do Liceu-1957
			ii) Shri Meghashyam Parshuram Deshprabhu Paritoshik	ii) Shri. Prabhakar Deshprabhu
7.	Amrita S. Iyer	B.A. English	i) Lions Club of Margao Silver Jubile Scholarship	i) President, Lions Club of Margao
			ii) Smt. Manju Ghanashyam Nagarsekar Memorial Prize	ii) Shri Ghanashyam Anant Nagarsekar
			iii) Late Prof. Jose Carmelo Coelho Prize	iii) Shri J.V. Coelho
		B.A. English (Pursuing M.A. Lit.)	iv) Late Prof. Armando Menezes Gold Medal	iv) M/s. George Menezes Associates
8.	Shashikala Kishor Redkar	B.A. Konkani	Shri N. D. Naik Scholarship	Shri Pandurang (Bhai) Anant Naik
9.	Utkarsha Govind Raikar	B.A. Konkani	Shri N.D. Naik Scholarship	Shri Pandurang (Bhai) Anant Naik
10.	Sneha Yeshwant Desai	B.A. Marathi	Late Shree Bhaskar Laxmidhar Bhandare Prize.	D.B. Bhandare

FACULTY OF SOCIAL SCIENCES				
1.	Krishnakumar Nanu Bandolkar	M.A. Economics	i) Late Dr. G.V. Kamat Helekar Endowment Prize ii) Prof. G.D. Parikh Memorial Scholarship iii) Late Shri Dilip Kumar Rayu Prabhu Mhambre Gold Medal	i) Dr. Ananda Helekar ii) The Secretary G.D. Parikh Memorial Fund iii) Mrs. PD. Mhambre
2.	Evelyn Savia Fernandes	M.A. Soc.Sci.	Dr. P.R. Dubhashi Award	Dr. P.R. Dubhashi
3.	Rajavi Damodar Naik	M.A. Philosophy	Late Shri Dilip Kumar Rayu Prabhu Mhambre Gold Medal (By rotation)	Mrs. P.D. Mhambre
4.	Richa Kalangutkar	M.A. History	i) Dr. Vithal R. Mitragotri Memorial Prize	i) Smt. Daya V. Mitragotri
			ii) Late Shri Anant Ramkrishna S. Dhume Gold Medal	ii) Dr. Ramesh Anant Dhume
5.	Rehana Khatun Abdul Qyam Khan	M.A. - Political Science	Goa University Prize	Goa University
6.	Sameera Bi Shaikh	B.A. Philosophy	Smt. Mirabai Rudraji Sardesai (Vimalatai Usgaonkar) Prize	Shri R.P. Sardesai
7.	Mohit Krishna Sukhtankar	B.A. Pol. Science	Prof. G.D. Parikh Memorial Scholarship	The Secretary, G.D. Parikh Memorial Fund.
8.	Bernice Jessica De Souza	B.A. Economics	Dr. R.K. Hazari Memorial Award	The Director, M/s. Sesa Goa Ltd.
9.	Anette Gomes	B.A. Pol.Sci/Hist ory/ Sociology	Late Shri Peter Alvares Endowment	Shri C.G. Palekar
FACULTY OF NATURAL SCIENCES				
1.	Karishma Bomdo Naik	M.Sc. Organic Chemistry	i) Xth Indian Council Of Chemists Conference Prize	i) The Secretary, Indian Council of Chemists.
			ii) Prof. S.K. Paknikar Research & Educational Trust Endowment	ii) The Secretary, Prof. S.K. Paknikar
			iii) Syngenta Scholarship	iii) Syngenta Institute
2.	Riva Astrid Anthonette Borges	M.Sc. Inorganic Chemistry	Xth Indian Council Of Chemists Conference Prize	The Secretary, Indian Council of Chemists

3.	Sneha Vivekanand Parab	M.Sc. Physical Chemistry	Xth Indian Council Of Chemists Conference Prize	The Secretary, Indian Council of Chemists
4.	Rachana Rajaram Shinde	M.Sc. Chemistry	i) Francis Simon Cabral Gold Medal	i) Shri Francis Simon Cabral
			ii) Coca-Cola Gold Medal	ii) Hindustan Coca Cola Bottling
			iv) Coca-Cola Prize	iv) Hindustan Coca Cola Bottling
5.	Malcolm Lelis Afonso	M.Sc. Earth Science	Prof. F. B. Antao Gold Medal	Chairman, Prof. F.B. Anatao Felicitation Committee
6.	Minoshka Maria D'Souza	M.Sc. Maths	i) Finalistas Do Setimo Ano Do Liceu-1957 Gold Medal	i) Finalistas Do Setimo Ano Do Liceu-1957
			ii) Prof. D.B. Wagh and Hira Wagh Award	ii) Mrs. Yashoda Wagh
			iii) Fr. Victor Joao Gualberto Anes and Arnaldo Tome Berta Epifanio Anes Prize	iii) Fr. Victor Joao Gualberto Anes and Arnaldo Tome Berta Epifanio Anes
7.	Pallavi Pandhari Gaude	M.Sc. Physics	IV SERC School In Physics Gold Medal	Mrs. P.D. Mhambre
8.	Shravan Shankar Halankar	M.Sc. Electronics	IV SERC School In Physics Gold Medal	Mrs. P.D. Mhambre
9..	Aditya Ashok Mandrekar	M.C.A.	i) Rotary Club of Panaji Scholarship	i) Chairman, Rotary Club, Panaji
			ii) Computer Society Of India Goa Chapter Gold Medal	ii) Chairman, Computer Society of India, Goa Chapter
10.	Aditya Arun Rane	B.Sc.	Lions Club of Margao Silver Jubilee Scholarship	President, Lions Club of Margao
11.	Medha Jaibharat Borkar	B.Sc.-pursuing Maths	i) Late Smt. Laxmi Narayan Shet Narvekar Prize	i) Shri Motiram N. Narvekar
			ii) Shri Yeshwant Govind Kamat Scholarship	ii) Shri M.Y. Kamat
12.	Leena Jaidev Gawas	B.Sc. - Physics-girl student	Tasneem Fazal Gold Medal & Cash Prize	Shri Mohammed Fazal
13.	Apurva Prakash Hazare	B.Sc. - Mathematics & Physics	Eng. Jenardan Upendra Counto & Mrs. Hirabai Jenardan Counto Gold Medal	Shri P.G. Kakodkar

FACULTY OF MEDICINE				
1.	Chitralkha Anilkumar Nayak	M.D.	i) XXXIV Annual Conference Of The Indian Society Of Gastroenterology Commemoration Gold Medal	i) Dr. C.P. Kapur
			ii) Dr. G.K. Salelkar Memorial Foundation Prize	ii) Dr. (Mrs.) U.G. Salelkar
2.	Teena Tanaji Desai	M.D. Anesthesiology	Indo-American Anaesthesiology Workshop Commemoration Gold Medal	Dr. R.N. Shetti
3.	Akshay Surendra Naik	M.S. Surgery	i) Late Mrs. Laximibai Raghunath Shirodkar Memorial Prize	i) Mr. Raghunath S. Shirodkar
			ii) Jindal Jubilee Gold Medal	ii) Technical Director, Jindal Aluminium Ltd
			iii) Dr. Wilfred De Souza Gold Medal and Scholarship	iii) Dr. Wilfred De Souza
4.	Vaishali alias Dhanlaxmi Vasudev Dukle	MBBS - Medicine	i) XXXIV Annual Conference Of The Indian Society Of Gastroenterology Commemoration Gold Medal ii) Late Shri Manohar Narayan Palekar Prize iii) Prof. Srinivas Ranu Sinai Bhobe Prize iv) Dr. G.K. Salelkar Memorial Foundation Prize v) Mr & Mrs. D.J. Soares Rebello Scholarship vi) Doctors Goa USA Prize	i) Dr. C.P. Kapur ii) Shri V.N. Palekar iii) Mr. R.S. Bhobe iv) Dr. (Mrs.) U.G. Salelkar v) Mr. Domingos Jose Soares Rebello vi) Dr. J.P. Gomes
		MBBS - Medicine- Female	viii) Mrs. Shantaben Nagindas Thakkar Memorial Prize	vii) Shri Nagindas H. Thakkar
5.	Akshta Dilip Amonkar	MBBS	i) Late Shri V.M. Salgaocar Memorial Award ii) Doctors Goa USA Prize	i) M/s. V.M. Salgaocar Foundation ii) Dr. J.P. Gomes
6.	Aditya Dhananjay Phadte	MBBS - Ophthalmology	Late Dr. P.R. Gunaji Gold Medal	Dr. (Lt. Col). S.P. Gunaji

7.	Gajanan alias Amey Audhut Kamat	MBBS - Obst. and Gynaecology	Late Smt. R.A. Cardozo E. Gracias Gold Medal	Managing Trustee of Joao Inacio Gracias & Smt. Rosa Aurora Cardozo Gracias Charitable Trust.
8.	Sohil Rajkumar Daswani	MDS (Prosthodontics)	Late Dr. Melwyn Nazareth Gold Medal	Mr. & Mrs. Julius A. Nazareth
9.	Ruksana Farooqui	B.D.S. Periodontology	Colgate Gold Medal	Shri Mahender Ashtekar
		B.D.S. Prosthodontics	Dr. Cristovam Da Gama Barreto Dental Prosthetics Gold Medal	The Wing Com. Cecil Barreto
10.	Kiran Anant Neman	B.A.M.S.	i) Shri Dattaram Madhav Amshekar Gold Medal ii) Shri Visvanath Shripad Borkar Gold Medal	Gomantak Ayurveda Mahavidyalaya & Research Centre
11.	Yashashree alias Pratista Prashant Naik Cuncolincar	B.H.M.S. - Human Physiology	Dr. Ramesh Anant Dhume Gold Medal	ii) Dr. Ramesh Anant Dhume
12.	Shamna E.H.	B.H.M.S.- Organon of Medicine and Homeopathic Philosophy	Dr. B.K. Bose Memorial Gold Medal	Dr. Mohinder Singh Jus
13.	Manjeeta Vithu Sawant	B.H.M.S.	i) Shri Kamaxidevi Homeopathic Medical College Shiroda Gold Medal	i) Principal, Shri Kamaxidevi Homeopathic Medical College
		B.H.M.S.- Human Anatomy	(ii) Smt. Ramabai Bhaskar Suria Rau Sardesai Memorial Gold Medal	ii) Dr. Ramchandra Bhaskar Dessai
14.	Bhargavi Ramchandra Bhandare	B.H.M.S.- Medicine	Dr. P.V. Muzumdar Gold Medal	Dr. K.P. Muzumdar
15.	Rashmita Sadguru Petkar	B.H.M.S.- Homeopathic Materia Medica	Late Francis Xavier Monteiro Gold Medal	Dr. V.J. Monteiro
16.	Sparsha Suresh Bandekar	M.Pharm.	Association of Pharmaceutical Teachers of India Gold Medal.	The Indian Pharmaceutical Association, Pilerma Industrial Estate, Bardez, Goa
17.	Reyniel Ben Carvalho	B. Pharm.	Indian Pharmaceutical Association Gold Medal	President, Indian Pharmaceutical Association

FACULTY OF ENGINEERING				
1	Ruchee Rajendra Shet Parkar	BE - Information Technology	Computer Society of India (CSI) Goa Chapter – Gold Medal	Chairman, Computer Society of India, Goa Chapter
2.	Suhail Anwar Khan	BE -Mech. Engineering	i) Late Shri V.M. Salgaocar Memorial Award	i) M/s. V.M. Salgaocar Foundation
		B.E.	ii) Syngenta Scholarship	ii) Syngenta Institute
3.	Mamata Nanak Mistry	BE - Civil Engineering	i) Sumant D. Wagh Memorial Prize ii) Late Shri Joao Inacio Gracias Gold Medal	i) Mrs. Yashoda S. Wagh ii) Managing Trustee of Joao Inacio Gracias & Smt. Rosa Aurora Cardozo Gracias Charitable Trust
4.	Ruchi Harish Manocha	BE - Electronics & Telecom.	Late Smt. Sushilabai Vasant Sinai Khandeparkar Gold Medal	Shri M.V. Khandeparkar
5.	Swati Anil Amonkar	B.E. - Comp. Engineering	Late Mrs. Laximibai Raghunath Shirodkar Memorial Prize	Mr. Raghunath S. Shirodkar
6.	Amey Dinesh Shenvi Sangavkar	B.E.-Electrical & Electronics	Fomento Gold Medal	Fomento Company
FACULTY OF LAW				
1.	Bhargav Mahendra Sinai Khandeparkar	LL.M.	i) Late Shri V. M. Salgaocar Gold Medal	i) Dattaraj V. Salgaocar
			ii) Late Hirba Morto Naik Gaunekar Gold Medal	ii) Mrs. Sheela Hirba Naik Gaunekar.
			iii) Nani A. Palkhiwala Trust Gold Medal	iii) Nani A. Palkhiwala Memorial Trust
		LL.M. (Legal Theory)	iv) Prof. Dr. V.B. Coutinho Gold Medal	iv) Dr. Saba D'Silva
2.	Gouresh Gurudas Bugde	LL.M.	Prof. V.S. Mallar Gold Medal	iii) Shri Gurudas S. Desai
3.	Natasha Naguesh Mayekar	LL.M. (Legal Theory)	Prof. Dr. V.B. Coutinho Gold Medal	iii) Dr. Saba D'Silva
4.	Karl Francis Desousa	LL.B. (Degree)	i) Roque Correia Afonso Memorial Prize	i) Shri A. Correia Afonso
			ii) The Advocate Pandurang Mulgaonkar Prize	ii) Adv. Pandurang Mulgaonkar
			iii) Late Shri V. M. Salgaocar Memorial Award	iii) M/s. V.M.Salgaocar Foundation

5	Sneha Anil Kumar	LL.B. (Hons)	i) Late Shri V.M. Salgaocar Gold Medal	i) Dattaraj V. Salgaocar
			ii) Late Adv. H.M.V. Gaunekar Gold Medal	ii) Smt. H.N. Gaunekar
			iii) Shri Narayan Govind Kamat Scholarship	iii) Shri M.Y. Kamat
			iv) Ganaxama Panduronga Sinai Cacodkar And Laxmibai Ganaxama Sinai Cacodkar Gold Medal	iv) Shri P.G. Kakodkar

FACULTY OF LIFE SCIENCES & ENVIRONMENT

1.	Aditi Venkatesh Naik	M.Sc. Botany	Late Shri Dilip Kumar Rayu Prabhu Mhambre Gold Medal	Mrs. P.D.Mhambre
2.	Sujata Dabolkar	M.Sc. Botany (Advanced Ecology)	C.X. Furtado Medal	Prof. Jose I dos R. Furtado
3.	Dorothy Susanna Furtado	M.Sc. Zoology	Zoology Department Gold Medal	Department of Zoology
4.	Joephil Dominic Dias	M.Sc. Microbiology	Late Prof. N.C. Nigam Memorial Gold Medal	Dr. Suneela Mavinkurve
5.	Lunella Thereza Gonsalves	M.Sc. Marine Microbiology	Goa University Prize	Goa University
6.	Ambika Hemant Shinde	M.Sc. Marine Biotech. (Lady student)	Late Dr. Leo Mackensen Barros Gold Medal	Mrs. Irene Barros & Family
7.	Pranjita Ganesh Zantye	M.Sc. Biotech.	Satyajit Kerkar Gold Medal	ii) Ms. Savita Kerkar
8.	Joel Elvio Joseph Diniz	M.Sc. Marine Science	Dr. V.V.R. Varadachari Gold Medal	Dr. V.V.R. Varadachari
9.	Karen Maria Braganza	B.Sc. Zoology	Mr. Vinayak Ghanashyam Sinai Kakodkar Gold Medal	Shri P.G. Kakodkar

FACULTY OF COMMERCE AND MANAGEMENT STUDIES

1.	Raquel Natalie Fernandes	MBA (FS)	Late Shri Janardan Gopal Thaly Memorial Gold Medal	Ravindra J. Taly/Dattatray J. Thaly
2.	Alison Teofista De Barros	M.Com	i) Jindal Jubilee Gold Medal	i) Technical Director, Jindal Aluminium Ltd.
			ii) Late Miss Kavita Devraj Anand Prize	ii) Mrs. Updesh Anand
			iii) Coca Cola Gold Medal	iii) Hindustan Coca Cola Bottling

			iv) Coca Cola Prize	iv) Hindustan Coca Cola Bottling
			v) Fr. Victor Joao Gualberto Anes and Arnaldo Tome Berta Epifanio Anes Prize	v) Fr. Victor Joao Gualberto Anes and Arnaldo Tome Berta Epifanio Anes
3.	Serilda Maleena Carvalho	B.Com.	i) Smt Mirabai Rudraji Sardesai (Vimalatai Us-gaonkar) Prize ii) Lions Club of Margao Silver Jubilee Scholarship iii) J.J. Da Cunha Scholarship	i) Shri R.P. Sardesai ii) President, Lions Club of Margao iii) Mr. Domingos Jose Soares Rebello
4.	Melissa Epifania Abreo	B.Com. (Accountancy)	Institute Of Chartered Accountants of India Gold Medal	Secretary, Committee on Commerce Education & Career Counseling
5.	Waheedullah Safi	MBA	i) E.D.C. Gold Medal ii) Shrimati Malti Chauhan & Shri Shivdayal Singh Chauhan Memorial Gold Medal	i) Managing Director, E.D.C. ii) Shri M.S. Chauhan

FACULTY OF DESIGN

1	Filanda Da Costa	B.Arch.	i) Linc Property Gold Medal ii) The Indian Institute of Architects Goa Chapter Gold Medal	Director, Linc Property Developers Limited Chairman, The Indian Institute of Architects Goa Chapter Gold Medal
2.	Anjali Vijay Malhotra	B.Arch.	Linc Property Gold Medal	Director, Linc Property Developers Limited
3.	Monica Sarjerao More	B.Arch.	Linc Property Gold Medal	Director, Linc Property Developers Limited
4.	Neha Vithu Naik	B.Arch.	Linc Property Gold Medal	Director, Linc Property Developers Limited
5.	Aparna Anand Tiloji	B.Arch.	Linc Property Gold Medal	Director, Linc Property Developers Limited

No candidates are found eligible for the award of the following Prizes, Scholarship and Medals:

1. Late Smt. Krishnabai Ganesh Chodankar Gold Medal
2. Dr. Pedro Antonio Souza Monteiro Gold Medal
3. Dr. Francisco Pinto de Menezes Memorial Award
4. Goa University Prize in M.A.- CLA

PART: 4

GENERAL ADMINISTRATION

4.1 General Information

The University has been able to take up construction activity for various works since funds are made available. The major project undertaken and completed is as follows:

1. Internal painting of new Boys Hostel & International Guest House.
2. Internal painting of Library building.
3. Internal paintings of Faculty block "B".
4. Internal painting of rooms for ladies hostel.
5. Making sign boards for Goa University
6. Providing new tube light fixtures in renovated toilets in faculty blocks.
7. External painting of Admn. Building & Zoology department building.
8. Re-wiring for residential quarter No. B-1.
9. One time cleaning of floors & toilets in Goa University.
10. Polishing of wooden teak-wood benches.
11. Framing of pictures of National leaders.
12. Fabrication & fixing of frames for sign boards.
13. Minor works at rain water harvesting site.
14. Fabrication & erection of galvalum sheet roofing over USIC building.
15. Repairs of vacated rooms of chemistry department.
16. Disinfestations works at International guest house, Guest house, Boys hostel, Ladies hostel & Faculty canteen.
17. Providing galvalum roof covering at staircase area of staff quarters at St. Cruz.
18. Additional works at IMBA building.
19. Repairs & additional civil works in room No. AF-29 of Botany department.
20. Repairs and restoration of roof & waterproofing of walls of Faculty Block "A" (R.H.S. wing)
21. Providing planters round the trees near faculty building.
22. Roof covering of outdoor pathway linking various faculty buildings.
23. AMC for minor maintenance work (Civil) at staff quarters, Registrars bungalow & ladies hostel.
24. Renovation of ground floor gents toilet blocks in faculty block "C" (Marine Science department)
25. Renovation of ground floor gents toilet blocks in faculty block "A" ((Physics department)
26. Providing roof covering for guest house.
27. Minor civil works at A & B type staff quarters – Replacement of floor tiles.
28. Excavation of pits in hard rock/ordinary soil.
29. Supplying of health faucet & plumbing items for guest house.
30. AMC for 200 KVA diesel generator set in Sub-station.
31. Cleaning/cutting of grass & bushes at GU campus during 2014-2015.
32. Providing sheds for seats provided outside faculty canteen.

33. Repairs & additional civil work in rooms allotted to Botany department in faculty block "A".
34. Renovation/modification of Academic staff college guest house.
35. Repairs & restoration of new A & B type quarters.
36. Annual operation & maintenance of sewage pumping stations during the year 2014-2015.
37. House-keeping activities in Admn., Computer science bldg., New women hostel bldg., Management studies bldg., IMB A, Boys hostel, renovated boys hostel, Faculty block E & new science building for the year 2014-2015.
38. Renovation of certain rooms in block A allotted by SPAW for information cell. (Electrical work)
39. Renovation of rooms allotted to women studies.
40. Renovation of council hall, placement cell, FO's office, Section I, Computer centre & canteen area in Admn, building.
41. Renovation of certain rooms in block A allotted by SPAW for women studies.
42. Modification & repairs of old Zoology building.
43. Construction of faculty building in lieu of auditorium. (Electrical work)
44. Repairs & restoration of roof & waterproofing of walls of faculty block A (L.H.S. wing).
45. Providing security services at University campus during 2014-2015.
46. Floor polishing and minor repairs at guest house.
47. Renovation of Vice-chancellor and Registrars bungalows.
48. Repairs of bus stop benches in front of Admn. Building.
49. Operation & maintenance of electric sub-station & distribution of power supply within Goa University campus for the year 2014-2015.
50. Providing AC points for computer Lab. IV and plug points for adjacent rooms in faculty block C.
51. Cleaning of water storage tanks at Goa University.
52. Renovation of Zoology department building. (Electrical work).
53. Providing grills for ground floor balconies of men's hostel I rooms.

4.2 Computerisation and IT Infrastructure

Goa University placed the order for development and implementation of the Goa University Management Solution (GUMS) to KELTRON (Kerala State Electronics Development Corporation Ltd). The study for System Requirement Specification (SRS) for the entire solution was in progress with great earnest towards development/customization of the software.

The admission process for admission to all the PG programmes was made online. The payment gateway was integrated with the system to facilitate the candidates to pay the relevant fees online by debit/credit cards or NET banking. Similarly, the candidates applying for Convocation also submitted the application forms online along with payment of relevant fees.

The quotations were invited for Smart Cabinet to set up a Rack based professional Data Centre. This will solve the long awaited need for a proper infrastructure to safely in house the Computer Hardware of the University.

The New IMBA was connected through a bridged wireless link which will temporarily solve the Internet requirement need of the said department. A permanent solution to lay a Fibre Optic cable through the NMEICT project is also worked out.

Additional Wireless Hotspots are placed in the Faculty enclave to boost the existing wireless reach, this enables the users to capture the Internet facility seating outside the canteen area.

The implementation of IP surveillance on the entire campus at identified locations was approved by the University authority. The vendor is identified and the process for placing order was in progress.

The redundant WAN connectivity was enhanced to 20Mbps to facilitate the basic Internet service on the failure of the main 1Gbps NKN link. The university look forward to further enhance the same.

The internet LAN was extended to the Sports Section using Fibre Cable. With this the long awaited need of having an uninterrupted Internet Facility was fulfilled.

In Charge: M. Chakraborty

4.3 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 159101 books and 9480 volumes of bound journals. The library subscribes to 419 periodicals out of which 141 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 through 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 web address www.unigoa.ac.in/library. This website is developed using an Open Source Content Management System WordPress. We have developed a huge Knowledge Portal with it, which links to multifarious information resources on the Internet. All online resources of the library are linked in this page. They include all InFLIBnet Digital Library resources, Indiatat.com etc. We have added 216 e-books on various subjects to our collection.

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 540 theses and uploaded in the Digital repository created using the Open Source Software DSpace. All publications of the faculty and research scholars are also available in the Institutional Repository of Goa University. It can be accessed at the web address <http://irgu.unigoa.ac.in/drs/>. Goa University Library had a major role in the development of Konkani Encyclopedia using the Konkani Vishwakosh published by the University.

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

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

University Librarian: Gopakumar V.

4.4 Sports

Students Sports Activities

4.4.1 Inter Collegiate Championship Organisation and Results 2014-15

No	Event	Winners	Runners-up	Winners	Runners-up
01	Badminton	S.S.Dempo, Altinho	Salgoacar, Miramar	PCCE, Verna	GVM'S, Farmagudi
02	Table Tennis	St.Xavier's, Mapusa	GEC, Farmagudi	St.Xavier's, Mapusa	Chowgule, Margao
03	Judo	Shree Damodar, Margao	Rosary, Navelim	St.Xavier's, Mapusa	Rosary, Navelim
04	Chess (Open)	GEC, Farmagudi	D. Bosco Engg. Fatorda	---	---
05	Cross Country	Rosary, Navelim	Govt. College, Quepem	Govt. C. Quepem	Mallikarjun, Canacona
06	Weight Lifting	Salgoacar, Miramar	Dhempe College, Panaji	---	---
07	Power Lifting	Salgoacar, Miramar	Damodar, Margao	---	---
08	Best Physique	Don Bosco, Panaji	Salgoacar, Miramar	---	---
09	Swimming	Damodar, Margao	GEC, Farmagudi	St.Xavier's, & Dhempe	
10	Cycling	Rosary, Navelim	Govt. College, Quepem	---	---
11	Tennikoit	---	---	Mallikarjun, Canacona	CES, Cuncolim
12	Football	Rosary, Navelim	Damodar, Margao	St.Xavier's, Mapusa	Rosary College, Navelim
13	Basketball	St.Xavier's, Mapusa	Salgoacar, Miramar	S.S.Dempo, Altinho	Salgoacar, Miramar
14	Kabaddi	GVM'S, Farmagudi	Don Bosco, Panaji	Govt. C. Pernem	Govt. College, Sanquelim
15	Handball	Rosary, Navelim	St.Xavier's, Mapusa	Damodar, Margao	S.S.Dempo, Altinho
16	Tennis	Chowgule, Margao	Mallikarjun, Canacona	---	---
17	Athletics	Govt. College, Quepem	Rosary, Navelim	Govt. College, Quepem	St.Xavier's, Mapusa
18	Kho Kho	CES, Cuncolim	St.Xavier's, Mapusa	Mallikarjun, Canacona	Govt. C. Quepem
19	Hockey	Govt. College, Quepem	Fr.Agenl College, Pilar	S.S.Dempo, Altinho	St.Xavier's, Mapusa
20	Volleyball	Zantye Coll., Bicholim	Rosary, Navelim	St.Xavier's, Mapusa	Rosary, Navelim
21	Taekwondo	Rosary, Navelim	Damodar, Margao	Rosary, Navelim	Damodar, Margao
22	Baseball	Govt. C. Khandola	Dempo, Altinho	St.Xavier's, Mapusa	Govt. C. Khandola
23	Cricket	Caculo, Mapusa	GVM'S, Farmagudi	Zantye Coll., Bicholim	MES, Zuarinagar

4.4.2 Inter University Championships Participation and Performance, 2014-15

No	Event	Dates	Zone	Venue	Performance
01	Cross Country - Men	18/10/2014	All India	Kottayam	Participation
02	Cross Country - Women	18/10/2014	All India	Kottayam	Participation
03	Aquatic - Women	26/10 to 30/10/2014	All India	Bangalore	Gold in 3mts. Diving
04	Chess - Open	26/10 to 30/10/2014	West Zone	Gandhinagar	First 15
05	Badminton - Men	6/11 to 09/11/2014	West Zone	Bhopal	Lost in third round
06	Cricket- Men	22/11 to 06/12/2014	West Zone	Bhopal	Lost in second round
07	Cricket - Women	10/01 to 13/01/2015	West Zone	Jaipur	Lost in Quarters
08	Football - Men	22/12 to 27/12/2014	West Zone	Gwalior	Fourth Place
09	Football - Men	29/12 to 03/01/2015	All India	Gwalior	Participation
10	Kabaddi - Men	19/01 to 22/01/2015	West Zone	Amravati	Lost in third round
11	Athletics - Men	16/01 to 20/01/2015	All India	Mangalore	Participation
12	Athletics - Women	16/01 to 20/01/2015	All India	Mangalore	Participation
13	Football - Women	10/01 to 13/01/2015	West Zone	Jaipur	3 rd Place
14	Football - Women	26/02 to 03/03/2015	All India	Mirzapur	Lost in Quarterfinals

4.4.3 Goa University teams at Inter University Championships 2014 -15

- 1 Athletics (M) Anik Naik, Andy Fernandes, Tanveer Bepari, Dinesh Morajkar, Prajwal Shetty and Vincy Fernandes.
- 2 Athletics(W) Pratiksha Gaonkar, Kajal Verenkar & Karuna Kankonkar official- Dr. Saha dev Mandrekar)
- 3 Badminton(M)Shashank Desai, Sharmad Mahajan, Aniket Shenai, Gajanath Kankonkar, Naguesh Naik. Official - Shri. Navneet Nasnodkar)
- 4 Chess (Open) Sitaram Joshi, Pranav P. Zantye, Adrian Almeida, Sampada Barve, Umang Kaisary and Diksha Chavan. Official - Shri. Satyavan Harmalkar)
- 5 Football (M) Clemy Bonifacio Dias, Craig Menezes, Shubham Malvankar, Paulo Joao, Gopi Gad, Fredson Marshall, Jelies Gracias, Ryan Pereira, Razor Ivor Braganza, Saish Goltekar, Neville Albuquerque, Abhijit Salgaonkar, Tunard Fernandes, Akshay

- Dabholkar, Neliston D'Silva, Shubham Rao Dessai, Pandhari Chopdekar, Akshay Shirodkar, Shaunak Pagi, Jorge Rodrigues. officials - Shri. Fausto Lobo, Shri. Soma Korgaonkar)
- 6 Football (W) Astrid Pereira, Abigail Alvares, Jenny Silva, Josline D'Souza, Rovita Fernandes, Salma Fernandes, Jenny Monteiro, Macrenna Dias, Yadna Parwar, Preeti Shindhe, Nagpushpa Angadi, Rima Gadekar, Valencia Rego, Rekha Bhale, Mabel Mascarenhas, Anoshka Fernandes, Michel Castanha, Bethany Remedios, Sancia Mendes, Luica Gracy Simoes, officials - Mrs. Jonita Fernandes, Miss. Maymol Rocky, Dr. T.S. Dey
- 7 Cross Country (M) Chalwadi Raju, Vincy Fernandes, Rohit Velip, Sagun Gaonkar, Rajesh Hazam, Nativity Colaco, Sandesh Gaonkar & Shailesh Velip. official - Shri. Savio Leitao
- 8 Cross Country (W) Pratiksha Gaonkar, Priti Velip, Macrenna Dias, Sandra Carvalho, Lira Dias, Sunita Velip, officials Dr. Francis Lobo, Mrs. Celly Coutinho)
- 9 Aquatic (W) Sushmita Vasta, official - Shri. Sudhakar Naik
- 10 Kabaddi (M) Samrat Velip, Ketan Naik, Tushar Gaude, Salil Korgaonkar, Raj Parab, Saish Naik, Rohit Naik, Kaustubh Shetye, Tushar Kelkar, Vasudev Pednekar, Navaso Tirodkar & Siddesh Gaonkar, officials Shri. Pandurang Naik, Shri. Sushant Haldankar.
- 11 Cricket (W) Manjushree Bhagath, Divya Raut, Kavita Lamani, Snehal Chavdikar, Saroj Monica Lalji, Pooja Bharati, Rupali Parab, Anjali Fatarpekar, Neugi Vaibhavi, Bindia Kavlekar, Divya Naik, Pooja Usapkar, Roopam Sancoalkar, Madhu Giri, Pranita Korgaonkar & Salvi Pradhan, officials - Shri. Shishir Divkar, Ms. Surang Gawas.
12. Cricket (M) Sahil Prabhudesai, Nagesh Karpani, Paritosh Padte, Sunny Sinari, Shiddesh Govekar, Mano Varak, Jayesh Ghante, Ajaykumar Kewat, Shivprasad Purohit, Anan Naik, Sunny Saini, Atul Yadav, Shubham Banaulikar, Shubham Desai, Infrancio Correia & Ashish Naik. Officials - Shri. Nilesh Murgaonkar, Shri. Sushant Haldankar.

Director of Sports: Milton Fernandes

4.5 Directorate of Students' Welfare and Cultural Affairs

The welfare Activities of the students are looked after by The Directorate of Students Welfare and Cultural Affairs.

1. Election for Executive Body of Goa University Student Council was held on 26/08/2014.
2. Election for Post Graduate Students' Union for the Year 2014-2015 was held on 30/09 2014.
3. Students Aid Fund (2014-15): Financial Assistance amounting to Rs.8,00,700/- was given to 184 Post Graduate students to meet their educational expenses.
4. Plateaunica 2014-15 was organized from 9th, 10th, 11th March 2015 in Silver Jubilee Hall, Goa University. The Plateaunica was organized to bring together all the Post-graduate students and to enable them to test their creativity and talents in the field of Arts, Culture and Music. Several on-stage and off-stage events were held.
5. All Goa Inter-Collegiate Festival 'Youthesia' was held from 11-12 February 2015, at Mukherjee Stadium, Goa University Campus was organized by GUSC (2014-15).

Coordinator: Sanjeev Ghadi, Rahul Tripathi, Milton Fernandes

4.6 Career Counselling and Placement Cell (CC&PC)

A "Placement fair" was organised on 28th June 2014, at the University Campus for the undergraduate and post graduate students of the University in which 325 students attended the campus interview of the participating companies including Agency.in, HDFC Bank, Caculo Group, Chowgule Industries Ltd., Phlox Educon Pvt. Ltd., Remote Software Solution Pvt. Ltd., ICICI Bank, IMMO Information Technology Pvt. Ltd., Viptra Primeware Infotech., Comprise Software Solutions, Auto Industries Goa Pvt. Ltd., New Vision Printing Services Pvt. Ltd., ITM Edutech Training Pvt. Ltd., Faria Holding Pvt. Ltd., Imperial Wealth Services.

Displayed a stall in a Career Fair organised by the Goa Education Development Corporation at Saraswat Vidyalaya Sridora Caculo College of Commerce and Management Studies, Khorlim, Mapusa on 19th October 2014 and guided the standard XIIth students of North Goa Higher Secondary Schools regarding the Career Options available to them in the University Education.

Co-ordinator: Shyama S. K., Department of Zoology

4.7 U. G. C. Human Resource Development Centre

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

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

In keeping with the recent advances in information Technology, the UGC has given a major thrust to IT and its applications. A Computer Lab has been set up with special grants from the UGC. Participants are given basic training along with hands-on experience with Computers. They are also helped in exploiting the informative resources on Internet and in the use of other technologies. Refresher Courses participants are trained to use software packages pertaining to their particular discipline.

Till date the UGC-HRDC at Goa University has complete 91 Orientation Programmes and 181 Refresher Courses covering 3232 and 5338 participants respectively beside this there was also several short term courses, interaction programs, workshops, training programs, Meets. During the year 2014-15 the UGC-HRDC conducted 3 Orientation Program, 5 Refresher Courses in subject of Marathi, English, Political Science, Life Science and Commerce, 2 Short Term Courses, 1 Principal meet and 1 Training Program for Goa University officer were also conducted. Thus the year 2014-15 was productive, active and was very helpful for several teachers both at UG and PG level belonging to various states of the country. All the courses were well appreciated by the participants, resource persons and administrators

Refresher Courses/Orientation Programs/S.T.C/others conducted in 2014-15

Courses Conducted	Male	Female	Total
Refresher Course in Marathi 11-07-2014 to 31-07-2014	23	06	29
Refresher Course in English 15-07-2014 to 04-08-2014	17	06	23
Principal Meet 20-08-2014	19	05	24
Refresher Course in Political Science 05-08-2014 to 25-08-2014	18	01	19
STC in Library Automation 15-09-2014 to 20-09-2014	26	07	33
STC in Research Methodology 22-09-2014 to 27-09-2014	23	07	30
89 th Orientation Program 23-09-2014 to 20-10-2014	29	08	37
R.C in Life Science 30-09-2014 to 20-10-2014	20	13	33
90 th Orientation Program 07-03-2014 to 27-03-2014	39	08	47
91 st Orientation Program 25-03-2014 to 21-03-2014	26	05	31
Refresher Course in Commerce 11-03-2015 to 31-03-2014	19	06	25
Training Program for Goa University Officers	04	06	10

I/C Director: UGC – HRDC : I. K. Pai

4.8 Health Centre

There is one Medical Officer and one Staff Nurse managing the Health Centre which is open from 9.30 am to 5.45 pm on all working days.

The services provided include:

1. Emergency treatment and first aid
2. Out patient examination and treatment.
3. Centre for DOTS (T. B. Treatment).
4. Health Certification.
5. Disease surveillance.
6. Medical coverage of sports activities.
7. Health Education.

Medical Officer: Dr. Patricia Sequeira

4.9 College Development Council

Proposals Forwarded To UGC

(A) MINOR/MAJOR RESEARCH PROJECTS OF UGC SCHEME

Sr. No	Name	Topic	College
1.	Dr. Miskil S. Naik, Assistant professor	"Investigation of thermophysical properties of liquids with varying frequency and temperature using interferometric technique"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
2.	Prof. Manjiri Milind Barve, Assistant Professor	"Documentation of Plant Parts (Floral and Extra floral) associated with Events/Religious Ceremonies in the State of Goa"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
3.	Dr. Vaishali Naik, Assistant Professor	"Konkani evam Rajasthani Lokgeeto mei Sanskrutik Darshan: Ek Tulanatmak Adhyayan"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
4.	Mrs. Suchana P. Amonkar, Assistant Professor	"Effect of Manganese on various tissues of Paphia malabarica: A biochemical study on Metabolites and Metabolic enzymes"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
5.	Dr. Roshida Regina Rodrigues, Assistant Professor	"Approaches to Environmental Ethics"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
6.	Ms. Akshata A. Bhat, Assistant Professor	"Ecological Consciousness in Goan Literature and Cultural Signifiers"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
7.	Dr. Zinia da Silva, Associate Professor	"Conservation of Goa's Ecology - Contemporary concerns and remedial measures"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
8.	Dr. Shilpa R. Samant, Associate Professor	"Women Entrepreneurship: A Micro Level Study on Challenges and Opportunities"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
9.	Dr. Swati R. Pawar, Associate Professor	"Study of Quantum Phase Transitions in Bose-Hubbard Chains"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001
10.	Ms. Shilpa Naik, Assistant Professor	"Study the effect of medium of instruction in E-learning a software"	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001

11.	Ms. Vrishali Prabhugaunkar, Associate Professor	“Education in Goa – 1961-2000 Issues and Politics (A historical Study)”	Dhempe College of Arts & Science, Miramar, Panaji, Goa – 403001
12.	Shri Prajal Sakhardande, Assistant Professor	“Heritage of Goa”	Dhempe College of Arts & Science, Miramar, Panaji, Goa – 403001
13.	Mr. Amrut F. Naik, Assistant Professor	“Performance of Urban Credit Co-operative Societies in Goa: Empirical Study”	D.M.’s VNS Bandekar College of Arts, Science and Commerce, Assagao, Bardez, Goa -403507
14.	Ms. Shefali D. Kamat, Assistant Professor	“Women – Through The Lens of Religion”	St. Xavier’s College of Arts, Science & Commerce, Mapusa, Bardez, Goa – 403507.
15.	Dr. Teotone Vaz, Associate Professor	“Synthesis and Characterization of Nonstructured transition metal doped Al O , Mgo and rare earth oxide materials and the study of their catalytic activity for the Methanation of CO ,”.	St. Xavier’s College of Arts, Science & Commerce, Mapusa, Bardez, Goa – 403507.
16.	Dr. Janet Fernandes e D’Souza, Associate Professor	“Lifestyles and Risk-Taking Behaviours among College Students in Goa”	St. Xavier’s College of Arts, Science & Commerce, Mapusa, Bardez, Goa – 403507.
17.	Dr. (Mrs) Anna Rovina Fernandes, Assistant Professor	“A Study of Employment and Unemployment of Educated Women in Goa ”	Carmel College of Arts, Science & Commerce for Women, Nuvem, Salcete, Goa – 403604.
18.	Ms. Flory Pereira, Assistant Professor	“Exploring halophilic bacteria from marine salterns as a source of novel hydrolytic enzymes”	P.E.S.’s College of Arts & Science, Farmagudi, Post Boc No. 3, Ponda, Goa - 403401.
19.	Dr. C.P. Hiremath, Associate Professor	“A Regional Analysis of Ailment, Medical Care and Development: A Case Study of Goa”.	Dnyan Prabodhini Mandal’s Shree Mallikarjun College of Arts and Commerce, Delem, Canacona, Goa - 403702.
20.	Dr. Vinod Mandrekar, Assistant Professor	“Synthesis and Organocatalytic Reactions of Sulfated Solid Superacids”	St. Xavier’s College of Arts, Science & Commerce, Mapusa, Bardez, Goa – 403507.
21.	Mrs. Sarvesha Dhaimodkar, Assistant Professor	“The Role and Financial Performance of State Financial Corporations (SFCs) of India with special to Economic Development Corporation (EDC) Ltd, Goa.”	GVM’s Gopal Govind Poy Raiturcar College of Commerce and Economics, Post Box No. 102, Farmagudi, Ponda, Goa – 403401.

22.	Mrs. Anushree Bhandari, Assistant Professor	“A Study of Market Share of Different Private Brands In Garments Marketed by Organized Retailers”	GVM’s Gopal Govind Poy Raiturcar College of Commerce and Economics, Post Box No. 102, Farmagudi, Ponda, Goa – 403401.
23.	Ms. Amisha G. Shirodkar, Assistant Professor	“Arbuscular Mycorrhizal Diversity in Wild and Cultivated Tuber crops, in Goa.”	Parvatibai Chowgule College of Arts & Science, Gogal, Margao, Goa – 403602
24.	Dr. Mahadevi S. Waddar, Assistant Professor	“Effectiveness of Compassion-Focused Therapy on Self Criticising/Attacking and Self-Reassuring among College Students in Goa”	Parvatibai Chowgule College of Arts & Science, Gogal, Margao, Goa - 403602
25.	Ms. Brenda Coutinho, Assistant Professor	“Diasporic Skeins in Goan Literature”	Govt. College of Arts, Science & Commerce, Quepem, Goa.
26.	Ms. Maria Jacqueline Menezes, Assistant Professor	“An efficient approach towards the synthesis of Heterocycles, employing molecule Iodine as a catalyst”	Govt. College of Arts, Science & Commerce, Quepem, Goa.
27.	Mrs. Sheila Pereira, Associate Professor	“Short Stories of Earnest Hemingway : A Thematic Study”	GVM’s Gopal Govind Poy Raiturcar College of Commerce and Economics, Post Box No. 102, Farmagudi, Ponda, Goa – 403401.
28.	Ms. Meghana S. Devli, Assistant Professor	“Sedimentological and Provenance studies of Lower part of the Bagalkot Group of Kaladgi Basin at Jamkhandi: Implications of Tectonic and Sedimentation History, Bagalkot District, Karnataka”	Parvatibai Chowgule College of Arts & Science, Gogal, Margao, Goa – 403602.

(B) Faculty Improvement Programme

Sr. No.	Name of Teacher	College
1.	Mrs. Sheetal D. Arondekar	Shree Damodar College of Commerce & Economics, P.O. BOX No. 347, G.R. Kare Road, Tansor, Comba, Margao, Goa - 403601.
2.	Shri Chandrakant N. Phadte, Associate Professor	G.V.M’s G.G. Poy Raiturcar College of Commerce & Economics, Post Pox No. 102, Farmagudi, Ponda, Goa – 403 401.
3.	Ms. Champa R. Parab, Associate Professor	M.E.S. College of Arts & Commerce, Zuarinagar, Goa – 403726.
4.	Smt. Shaila R. Ghanti	Parvatibai Chowgule College of Arts and Science, Gogol, Margao, Goa – 403 602.

5.	Mrs Amrita Dinge, Associate Professor	Sant Sohirobanath Ambiyé Government College of Arts & Commerce, Virnoda, Pernem, Goa - 403512.
6.	Mr. Suraj Popkar, Assistant Professor	The Cuncolim Educational Society's College of Arts & Commerce, Cuncolim, Goa - 403703.

(C) Proposal For organising National/International Seminar/Conference/ Workshop

Sr. No.	College	Topic
1.	Fr. Agnel College of Arts & Commerce, Pilar, Goa - 403 203.	National Level Seminar on "Empowering Women through Skill Development"
2.	Fr. Agnel College of Arts & Commerce, Pilar, Goa - 403 203.	National Level Conference on "Road Map: To Enhance Sports Performance and Health in Educational Institutions"
3.	Fr. Agnel College of Arts & Commerce, Pilar, Goa - 403 203.	National Level Seminar on 'Human Rights of Women and Children in India'
4.	Govt. College of Arts, Science & Commerce, Khandola, Marcela, Goa - 403 107.	National Level Seminar on 'Industrial Relations: Retrospect and Prospects scheduled on 20 th and 21 st of February 2015.
5.	M.E.S. College of Arts & Commerce, Zuarinagar, Goa - 403 726.	National Seminar on "Inclusive Growth: The Key To India's Sustainable Development"
6.	Shree Damodar College of Commerce & Economics, P.O. Box. 347, G.R. Kare Road, Tansor, Comba, Margao, Goa - 403 601.	National Level Seminar on "Economic Growth Prospects in India"
7.	Shree Damodar College of Commerce & Economics, P.O. Box. 347, G.R. Kare Road, Tansor, Comba, Margao, Goa - 403 601.	National Level Conference on "Corporate Sector in India: Emerging Issues"
8.	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001.	State Level Workshop on "Working with Chemskech"
9.	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001.	State Level Seminar on "Recent Geological Studies Carried Out in Goa"
10.	M.E.S. College of Arts & Commerce, Zuarinagar, Goa - 403 726.	National Seminar on "MAKE IN INDIA - India as a Global Manufacturing Hub"
11.	S.S. Dempo College of Commerce & Economics, Serra Bldg., Near All India Radio, Altinho, Panaji, Goa - 403 001.	International Symposium on "Skills Development in Economic, Commerce & Business Education"
12.	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001.	State level seminar entitled "Impact of Tourism on Environment and Health"
13.	M.E.S. College of Arts & Commerce, Zuarinagar, Goa - 403 726.	State level seminar entitled "Building Resilience among Adolescents"
14.	Dhempe College of Arts & Science, Miramar, Panaji, Goa - 403001.	State level seminar entitled "Impact of Tourism on Environment and Health"

15.	M.E.S. College of Arts & Commerce, Zuarinagar, Goa – 403 726.	State level seminar entitled “Building Resilience among Adolescents”
16.	Dhempe College of Arts & Science, Miramar, Panaji, Goa – 403001.	National Conference entitled “Marathi Novels After 1990”
17.	Carmel College of Arts, Science & Commerce for Women, Nuvem, Salcete, Goa – 403604.	National Conference on “Positive Psychology at Workplace: The Psychology of Gainful Employment in the subject of Psychology and Commerce
18.	Carmel College of Arts, Science & Commerce for Women, Nuvem, Salcete, Goa – 403604.	National Conference on “9 th Symposium on VLSI and Embedded System of VIS – 2015 in the subject of Physics
19.	P.E.S. Shri Ravi S. Naik College of Arts & Science, P.O. Boc No. 3, Farmagudi, Ponda, Goa – 403401.	“Recent Trends in Nano-Materials: Synthesis and Applications.”
20.	Dhempe College of Arts & Science, Miramar, Panaji, Goa – 403001.	National Conference on “Translation as Re-Presentation and Representation in the Globalized World”
21.	Dhempe College of Arts & Science, Miramar, Panaji, Goa – 403001.	National Conference on “The Role and Relevance of Media Ethics in Contemporary Society”

(D) Additional Grants

Sr. No.	College
1.	D.M.’s VNS Bandekar College of Arts, Science and Commerce, Assagao, Bardez, Goa.
2.	Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete, Goa.
3.	Cuncoim Educational Society’s College of Arts and Commerce, Cuncoim, Salcete, Goa.
4.	Shree Damodar College of Commerce & Economics, Comba, Margao, Goa.
5.	S.S. Dempo College of Commerce & Economics, Altinho, Panaji, Goa.
6.	Dhempe College of Arts & Science, Miramar, Panaji, Goa.
7.	Fr. Agnel College of Arts and Commerce, Pilar, Goa-403 203.
8.	Government College of Arts, science & Commerce, Sanquelim, Goa.
9.	Government College of Arts & Commerce, Virnoda, Pernem, Goa.
10.	Government College of Arts, Science & Commerce, Quepem, Goa.
11.	Government College of Arts, science & Commerce, Khandola, Marcela, Goa.
12.	G.V.M.’s Gopal Govind Poy Raiturcar College of Commerce & Economics, Farmagudi, Ponda, Goa – 403 401.
13.	G.V.M.’s Dr. Dada Vaidya College of Education, Farmagudi, Ponda, Goa.
14.	V.V.M.’s G.R. Kare College of Law, Govind Ramnath Kare Road, Tansor, Comba, Margao, Goa-403 601.
15.	Dnyan Prabodhini Mandal’s Shree Mallikarjun College of Arts & Commerce, Delem, Canacona, Goa.
16.	M.E.S. College of Arts, and Commerce, Zuarinagar, Goa – 403 726.
17.	Narayan Zantye College of Commerce, Bicholim, Goa.
18.	P.E.S.’s Shri Ravi S. Naik College of Arts & Science, Farmagudi, Ponda, Goa.
19.	Rosary College of Commerce & Arts, Navelim, Goa – 403 707.
20.	V.M. Salgaocar College of Law, Miramar, Panaji, Goa-403 001.

21.	Saraswat Vidyalaya's Sridora Caculo College of Commerce & Management Studies, Telang Nagar, Khorlim, Mapusa, Goa - 403 507.
22.	St. Xavier's College of Arts, Science & Commerce, Mapusa, Goa.
23.	Smt. Parvatibai Chowgule College of Arts and Science, P.O. Fatorda, Margao, Goa - 403 602.
24.	Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts and Commerce, Delem, Canacona, Goa.

(E) Travel Grant To College Teachers For Presenting Papers In International Conference(s)

G.V.M's Gopal Govind Poy Raiturcar College of Commerce and Economics, Post Box No. 102, Farmagudi, Ponda, Goa - 403 401.	Travel Grants sanction to Mr. Chandrakant Nagnath Phadte for attending 16 th International Conference of Fibonacci and Its Applications
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Coordinator : Dilip B. Arolkar

4.10 Hostels

Women's Hostel:

Goa University provides hostel facility for women students on the University campus. There are two Women's Hostels on the University Campus and 280 students can be accommodated in these hostels. Women students who have enrolled for post-graduate and Ph. D. courses at the University campus are accommodated in these hostels.

Men's Hostel:

Men's Hostel-III houses mostly postgraduates and research scholars of the University PG departments. Students from affiliated colleges not having hostel facility are also accommodated in the hostel if vacant rooms are available after admitting the University students. Men's hostel-III is a three floor building with 28 rooms on each floor. The maximum of 140 students can be accommodated in this hostel as ground/first floor has double bed rooms for PG students and the second floor has single bed rooms for research scholars. Hostel is well equipped with the facilities like Gym, spacious recreation room with cabled TV and table tennis, lift, reading room, huge mess with equally good food facilities for the hostellers, Wi-Fi connectivity etc.

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 and Science, 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. Cuncoim Education Society's College of Arts and Commerce, Cuncoim
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. Government College of Arts, Science and Commerce, Quepem
16. Rosary College of Arts & Commerce, Navelim
17. Saraswat Vidyalaya Sridora Caculo College of Commerce and Management Studies, Mapusa
18. Fr. Agnel College of Arts and Commerce, Pilar
19. Government College of Arts and Commerce, Pernem
20. Shree Mallikarjun College of Arts and Commerce, Canacona
21. Zantye Brothers' Educational Foundation's College of Commerce, Bicholim
22. Govt. College of Commerce, Borda, Margao
23. Vikas Parishad, Mandrem College of Commerce, Madhla Maj, Pernem
24. Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda
25. Shree Sateri Pissani E. S. Shri Gopal Gaonkar Memorial Goa Multi-Faculty College, Dharbandora.

Professional

26. GSS's Don Bosco College, Panaji
27. Goa College of Pharmacy, Panaji
28. Goa Engineering College, Farmagudi, Goa
29. Nirmala Institute of Education, Altinho, Panaji
30. Goa College of Fine Art, Altinho, Panaji
31. Devi Sharvani Education Society's .V. M. Salgaocar College of Law, Miramar, Panaji
32. V. V. M. Govind Ramnath Kare College of Law, Margao
33. Goa Dental College, Bambolim
34. College of Architecture, Altinho, Panaji
35. Goa College of Music, Altinho, Panaji
36. Institute of Nursing Education, Bambolim
37. Goa Vidya Prasarak Mandal's College of Education, Ponda
38. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda
39. Goa Medical College, Bambolim
40. Shivgram Education Society's Homoeopathic College and Hospital, Shiroda
41. National Hydrographic School, Vasco-da-Gama
42. Padre Conceicao College of Engineering, Verna
43. Vidya Vikas Mandal's Institute of Management, Training and Research, Margao
44. Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda
45. P. E. S. College of Education, Ponda
46. Victor Medical & Research Foundation's College of Nursing, Margao
47. Vrundavan Institute of Nursing Education, Porvorim
48. Institute of Psychiatry & Human Behaviour, Bambolim
49. P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda
50. Don Bosco College of Engineering, Fatorda, Margao
51. Goa College of Hospitality and Culinary Education, Cida de Goa, Vaiginim Beach
52. Agnel Institute of Technology and Design, Assegao Bardez
53. Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim.

GENERAL EDUCATION COLLEGES

5.1 DCT Dhempe College of Arts and Science, Miramar

Year of Establishment: June 1962

College Address: DCT Dhempe College of Arts & Science, Miramar, Panaji, Goa-403001

Principal's Details:

Name: Dr.Yasmin Modassir

Contact no.: (0832) 2461507, 0832-2462376

Email:principal@dhempecollege.edu.in, dhempe@rediffmail.com

College website: www.dhempecollege.edu.in

Vision Statement:To be a Premier Institution of India for the Academic Excellence and Holistic Development of Individuals.

Mission Statement:To be committed towards making Education inclusive , Interactive and to enhance Education by a knowledge-driven, Technology-enabled and Learner-friendly Pedagogy with an endeavour to develop Employable Citizens with Humane Values and Social Commitment.

Courses offered& Sanctioned and filled strength:

- B. Sc.:sanctioned-450 & filled-337
- B. A.: sanctioned-420 & filled-391
- Post Graduate Diploma in Journalism & Mass Communication: sanctioned-10 & filled-04

Faculty strength: 39

Sponsored Research Projects sanctioned Ongoing and Completed during June 2014 to May 2015.

Name of Investi-gator/s	Project Title	Date of Sanction and dura-tion	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned, ongoing or completed.
Dr. Maria D'Souza	Studies on Biodiversity and Bio-prospecting of Endophytic Fungi from Medicinal Plants of Western Ghats, Goa	March 2011, 3 years .	Women scientist scheme, DST, Gov-ernment of India	18,80,000	Completed

Mrs. Deepa Audi	Syntheses and Characterization of Single Cell Metal and Mixed Metal Ferrites	2 years, Dec'13	UGC	1,70,000	Completed
Mrs. Clarinda Dias	The Goan Canadian Sensibility in the Novels of Ben Antao	2 years, June '12	UGC	60,000	Completed

Conferences/workshops organized:

National Level: 01

Publications:

Publications	International	Indian	Total
Research papers in Journals	01	-	01
Research papers in Edited Books	-	-	00
Research papers in Conference Proceedings	-	01	01
Total	01	01	02

Papers presented in conferences/seminars/workshops:

within India: 01

No. of Teacher's who obtained research degree during the year:

Ph.D:01

Sports Achievements:

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

Details of the Sports Achievements at National and International Level only.

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event	Name of the organizer
Natasha Palha	Tennis	17 th Asian Games, Incheon, South Korea.	Asian Games Federation
Natasha Palha	Tennis	National Championship, Kolkata.	All India Tennis Federation

Special Sports Achievements of faculty and students:

Our student, Natasha Palha, the Dempo Goodwill Brand Ambassador is a ranked player in the International Women's Tennis Association, was selected to represent India at the 17th Asian Games held at Incheon, South Korea in October 2014.

5.2 Parvatibai Chowgule College of Arts and Science, Margao

Year of Establishment: June 1962

College Address: Gogol, Margao, Goa - 403601

Principal's Details:

Name: Dr. R. V. Gaonkar

Contact No: 91(0832) 2759504

Email:principal@chowgules.ac.in

College website:www.chowgules.ac.in

Vision and Mission Statement:

To continue to be pioneers of change using cutting edge educational inputs and the technology, providing equal opportunities to all and inculcating social and moral values that will transform the society and the nation at large.

Courses offered and Sanctioned Strength: B. Sc. – 240, B. Sc. (Biotechnology) – 20, B. A. – 180, M. A. (Geography) – 20, M. Sc. (Information Technology) – 20, PGDCA – 30, PGDGIS – 20.

Faculty Strength: 64.

Any new course(s) started:

- T.Y.B.A. - Sociology
- M.Sc. – Analytical Chemistry
- PGDCGMLT (Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques).

Achievements of the College:

- a. The college was conferred with Autonomous Status by University Grants Commission (UGC), New Delhi for a period of six years w.e.f. the academic year 2014-2015 to 2019-2020.
- b. The college has entered into Memorandum of Understanding with (i) Bio Era Life Sciences, Pune for academic research, mutual co-operation and knowledge exchange, (ii) Parishkar College of Global Excellence, Jaipur in the areas of education, training and research and (iii) Sjodalsgymnasiet, Huddinge, Stockholm, Sweden to promote academic exchange and educational co-operation through academic and cultural exchange program between the students and teachers of the two institutions (iv) with Lexcode Regulatory Compliance Technologies Pvt. Ltd., Pune to conduct online free LEAP courses.

Sponsored Research Projects sanctioned, ongoing and completed during June 2014 and May 2015.

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
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1	Dr. N. N. Sawant	Socio-Cultural Transformation and impact on the society	2012-13	UGC	8.04	Ongoing
2	Dr. N. N. Sawant	"Goa: Tourism & Socio-Cultural Implications, A study of selected Tourist destination of south Goa"	2012-13	ICSSR	5.39	Ongoing
3	Dr. Sangeeta Sankhalkar	Nonenzymatic antioxidant enzyme protection in rice seedlings grown in saline Khazan fields in Goa and its comparison with salt sensitive rice variety"	2012-13	UGC	22.92	Completed
4	Dr. Nandini Vaz Fernandes	"Heavy metal bioaccumulation and genotoxicity studies of fishes exposed to mining effluents in Goa"	2014-15	(SERB) DST	13.10	Ongoing

Minor Research Projects

Sr. No	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. in Lakhs)	Specify whether sanctioned ongoing or completed
	Smt. Anagha Dicholkar	Velips in Goa	2009-10	UGC	1.15	Completed
2	Smt. Rupali Tamuly	Changing Population	2010-11	UGC	0.25	Completed
3	Smt. Shaila Ghanti	"Embedded System for network security"	2011-12	UGC	1.65	Completed
4	Smt. Sonia Fernandes Da Costa	Regional Goan Writers writing in English	2012-13	UGC	0.90	Completed

Sponsored Consultancy Work undertaken:

Name of faculty member	Name of consultancy	Name of the Sponsor	Duration of consultancy	Amount
Dr. Sanjay Gaikwad	Digitization of lease plans	Chowgule Mines Pvt. Ltd.	1 year	Rs.3,92,886/-
Dr. Nandkumar N. Sawant	Tourism and Goan Identity	Ms. Lorna Donaghy, University of Glasgow	6 th to 14 th August 2014	Rs.12,875/-

Conferences/Workshops Organized:

State Level : 01

National Level : 01

Details of International Conferences/Workshops organized:

Title of the Conference	Funding Agency	Amount sanctioned	Date
Perspectives of Society, Culture and Development : A comparison of Indo-Srilankan Scenarios	Collaborative with University of Kelaniya, Srilanka	Own funds	2 nd December 2014
International Borders in South Asia : Interlinkages, Conflicts and Challenges of Management	Collaborative with Parishkar College of Global Excellence, Jaipur	Own funds	12 th & 13 th December 2014

Publications :

Publications*	International	Indian	Total
Research papers in journals	10	08	18
Research papers in Edited Books	-	06	06
Research papers in Conference	01	01	02
Books	-	03	03
Total	11	18	29

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
01	17	12

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

M. Phil.	Ph.D.
-	03

Awards/Honours :

Name of the faculty member	Title of the Awards/ Honours	Name of Agency / Institution sponsoring the award
Ms. Madhavi M. Motankar	Fellow Award 2014	Society for Applied Biotechnology, Tamilnadu
Dr. Reshma Raut Dessai	Best Poster Award	Bhabha Atomic Research Centre, Mumbai
Shri S. S. Adsul	Best Literary Criticism Award	Gomantak Vidya Niketan, Margao

Sports Achievements :

Level of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter Collegiate	8	11	12	6	6	12	55
State	4	4	6	3	2	2	21
National	2	3	1	18	-	-	24
Total	14	18	19	27	8	14	100

Details of the Sports Achievements at National and International Level only

Name of the Student	Name of the event in which participated (Sports /Games)	Name of the Tournament /Sport event	Name of the Organiser
Gomes Muller Petvin	Handball (M)	South Zone Senior National championship	Handball Federation of India
Fernandes Abigail	Athletics (W)	West Zone Senior National championship	Amateur Athletic Federation of India
Do Rosario Eleanor Melanie	Table Tennis (W)	All India Senior National championship	Table Tennis Federation of India
Gurav Vinavi Kashinath & Naik Sanjula Sudhakar	Cricket (W)	South Zone Under 19 Inter Zone Under 19 Senior Women T-20 Senior Women National Tournament	Board of Control for Cricket in India
Khan Alifa Bi	Tae Kwon Do (W)	33 rd Senior National Taekwondo Championship	Taekwondo Federation of India
Naik Vedant Alias Ramesh Amaresh	Cricket (M)	South Zone Under 19 South Zone Under 23 Inter Zone Under 19 Ranji Trophy	Board of Control for Cricket in India
Dubhashi Samar Shravan	Cricket (M)	South Zone Under 19 South Zone Under 23 Ranji Trophy	Board of Control for Cricket in India
Prabhudesai Sahil Sanjeev	Cricket (M)	West Zone Inter Varsity Cricket	Association of Indian Universities
Karpani Naguesh Khamia	Cricket (M)	West Zone Inter Varsity Cricket	Association of Indian Universities
M Mahesh Rao	Cricket (M)	South Zone Under 23	Board of Control for Cricket in India

Any other Special Achievements of faculty and students:

- Dr. Rohan Kunkalekar, Assistant Professor from the Department of Chemistry worked as a short term Visiting Scientist on the Project, "Use of fibrous nanosilica (KCC-1) as nano catalysts, during 1st August 2014 to 30th November 2014, in the nano catalysis Laboratory at Tata Institute of Fundamental Research, Colaba, Mumbai under the guidance of Prof. Vivek Polshettiwar.

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

Year of Establishment: 1963.

College Address: Altinho, Mapusa, Bardez, Goa – 403507.

Principal's Details:

Name: Dr. (Fr.) Walter de Sá

Contact No.:9822150868, 91 (0832) 2262356 /2263031 / 2250705

Fax: 91 (0832) 2262356

Email:xavierscollege@bsnl.in

Website:www.xavierscollege-goa.com

Vision and Mission Statement:

Vision: "Formation for Transformation"

Mission: "To provide balanced all round education to young men and women to be disciplined citizens, who will display a high intellectual caliber, together with emotional balance and social commitment and particularly, at helping Catholic Youth to be committed followers of Christ".

Courses offered and sanctioned strength:

- B. A. - 180, B. Sc.- 180, B. Com. - 180,
- B. A. (Mass Communication & Videography) (Self-Financed) - 75,
- B. A. Journalism (Self-Financed)-75,
- B. Sc. Biotechnology (Self-Financed)-90,
- B. C. A. (Self-Financed) -120,
- B. B. A. (Self-Financed)-90, B. B. A. (T&T) (Self-Financed)-90,
- M. A. (Psychology) (Self-Financed)-60,
- M.Com.(Self-Financed) - 80,
- M. Sc. (Physical Chemistry) (Self-Financed) - 40.

Faculty Strength:94.

Conference/Workshops organized:

State Level:08

National Level:03

Sponsored Research Projects sanctioned between June 2013 and May 2014.

Name of Investigator/s	Project Title	Date of Sanction and Duration	Funding Agency	Amount (Rs. in Lakhs)
1. Dr. Cajetan Rapose	Bhartiya Janata Party in Goan Politics – Profile and Performance	20.03.2014 Two Years	UGC Pune	1.20
2. Shefali Kamat	Woman – Through the Lens of Religion	20.02.2015 (for Two years)	UGC Pune	2.10

Publications:

Publications	International	Indian	Total
Research Papers in Journals	03	17	20
Research Papers in Edited Books	02	Nil	02
Books	Nil	02	02
Total	05	19	24

Papers presented in Conferences/ Seminars/Workshops:

Within India:01 Within Goa:21

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

P h.D.:02

Awards/Honours:

Name of Faculty Member	Title of the Awards/ Honours	Name of Agency/ Institution Sponsoring the Award
Dr. (Fr.) Walter de Sá	The <i>Dr. Sam Higginbottom Award</i> for the "Best Principal of India"	All India Association for Christian Higher Education
Dr. (Mrs.) Blanche R.C.S. Mascarenhas, Dr. (Mrs.) Maria A.A.R. Fonseca	Appointed as Vice-Principal of St. Xavier's College, Mapusa	Diocesan Society of Education
Mr. B. Rajasekhar, Ms. Marina D. Monteiro, Dr. Annie C. Fernandes	33 Years of Service Award	Archdiocesan Board of Education

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-Collegiate	08	07	-	08	04	-	27
National	01	-	07	-	-	-	08
Total	09	07	07	08	04	-	35

Details of the Sports Achievements at National and International level only:

Name of the Student	Name of the Event in which Participated (Sports/Games)	Name of the Tournament/Sport Event	Name of the Organizer
Sheral D'Mello	Baseball	Tournament held in South Korea	Women's Baseball Association of Korea
Sonali Gaunder	Cricket	T-20 Tournament held at Ranchi	B.C.C.I.

Special Sports Achievements:

- Jason Nagor, Sydney Fernandes, Mahableshwar Toraskar, Melissa Abrea, Manhar Parab, Aurora D'Souza, participated and won the Third Place in National Tug of War, held at Vengurla-Maharashtra, 12th to 18th February, 2015.

- Sarasvati Hiramath, Parnina Nadaf, participated in the National Yogasana, held at Hyderabad, 22nd to 24th December, 2014.
- Saish Pednekar, Ankita Pednekar, participated for the National Throw Ball, held at Dharwad, 4th to 7th October, 2014.
- Deepa Sawant Desai, won the First Place at the National Rope Skipping, held at Gujarat, 12th August, 2014.
- Eustaquio Fernandes, participated at the National AIKF Karate Championship, held at Jaipur.
- Astrid Pereira, Batheny Remedious, Joslyn D'Souza, Rekha Bhale, Preeti Shinde, Luica Simoes, Jenny Silva, participated and won the Third Place at the Goa University Inter-University football championship, held at M.P., 22nd to 27th December, 2014.

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

Year of Establishment: June 1966

College Address: Serra Building., near All India Radio, Altinho, Panaji-Goa. - 403001

Principal's Details:

Name : Dr. Radhika S. Nayak

Contact No. : 0832-2226806, 2421734.

Email : principal@dempocollege.edu.in, Office@dempocollege.edu.in

College Website: www.dempocollege.edu.in

Vision and Mission Statement:

Vision: "Commerce in the Service of Society"

Mission: "To nurture healthy, reliable and creative citizens whose social awareness will vitalize the community, both locally and globally".

Courses offered and sanctioned strength: B. Com. - 840,

- M. Com. - 80 (self financed),
- B. B. A. (self-financed) - 135;
- PGDBA-Event Management (self-financed) – 60;
- M.A. –Travel & Heritage Management – 80.

Faculty strength: 23.

Achievements of the college:

- Prime Consultants to the literary club, Bangalore for organising International Writers & Readers festival.
- Successfully organised Edunext 2015 (a career fair) (4th edition) in collaboration with Govt. Of Goa.

Conference/Workshops Organized:

State Level : 02

Publications:

Publications	International	Indian
Research papers in journals	13	04
Research papers in Conference Proceedings	03	01
Books	-	02
Total	16	07

Papers presented in Conferences/Seminars/ Workshops:

within India: 04 within Goa: 05

Number of teachers who obtained research degree during the year:

Ph.D.: 02

Sports Achievements:

Levels of competition	Individual Event			Team Event			Total
	First place	Second place	Third place	First place	Second place	Third place	
Inter-collegiate	01	03	-	03	01	-	08
National	03	-	01	01	-	01	06
Total	04	03	01	04	01	01	14

Details of the Sports Achievements at National and International level:

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
Sybyl Fernandes	Karate (3 Gold & 1 Bronze)	15 th WSKFI National Karate Championship 24 th to 26 th Jan 2015	World Shotokan Karate-Do Federation, India
Sahil Vaigankar	Baseball (Gold)	29 th Senior Nationals 12 th to 16 th January 2015	Goa Baseball Association

Special Sports Achievements :

- Sumit Bansi of F.Y BCom represented Goa Boxing Squad for the National Games held in Kerala from 4 to 15 February 2015.
- College Basketball Team won the All Goa Inter College Basketball League organized by Goa Basketball Association in association with Basketball Federation of India.

Achievements of faculty & students :

- Asst. Prof. Amit Naik was awarded the best paper award for the paper "Impact of Merger and Acquisition Deals on the Shareholders wealth of Aditya Birla Group" at Deva Matha College, Kuravilangad, Kottayam, Kerala. ISSN No. : 2229-4783, Volume : V, Number : 01

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

Year of Establishment: 1964

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

Principal's Details:

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

Contact No: 2790959

Email: acaradhana@yahoo.co.uk

College website: www.carmelcollegegoa.org

Vision and Mission Statement:

Vision: "Holistic Development of Women through Education". The Education imparted by the Apostolic Carmel is geared towards the total development of women by instilling in them Christian values and forming them into responsible citizens, equipped to work in tandem with a rapidly changing and developing society.

Mission:

To work for the faith formation of our Catholic students

To have value based and quality oriented learning

To prepare women to play a dynamic role in a multi – cultural global Society

To inculcate in the students a sense of integrity and service and mould them into leaders

To bring first generation rural learners into higher education to inculcate in them the strength to demand their due from family and society

Courses offered and sanctioned strength: B.A., B.Sc., and B.Com, M.A. in Counseling Psychology, M.Com.

Faculty Strength:36.

Achievements of the College: The College has an ISO-9001-2008 certification. The College has been recognised as a Research Centre in Zoology.

Sponsored Research Project sanctioned, ongoing and completed between June 2014 and May 2015:

Sr. No.	Name of the Investigator	Project Title	Date of sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned, ongoing or completed
1	Ms. Lynette da Silva e Fortes	The Effect of Life Stressors on Mental Health of Adolescents	23/01/2015 2 years	U.G.C.	110000	Ongoing

Conference/Workshop organized:

National level:02

State level:02

Publications:

Publications	International	Indian	Total
Research papers in Journals	4	7	11
Research papers in Edited books	-	2	2
Research papers in conference Proceedings	1	-	1
Books	1	-	1
Total	6	9	15

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
3	7	8

Awards/Honours:

Name of the faculty Member	Title of the Awards/Honours	Name of Agency/Institution sponsoring the award.
Dr. Aldina Gomes	Orchid Award for Women Excellence in Education	Orchid- India
Ms. Sajani D'Costa	Teachers day felicitation	Rotary club of Margao, Midtown

Sports Achievements:

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

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

Name of the Student	Name of the event in which participated	Name of the Tournaments/ sports event	Name of the Organizer
Ms. Sancia Mendes	Football	West Zone Inter University Football Championship	University of Rajasthan, Jaipur
Ms. Dextra Pereira	Taekwondo	National Senior Taekwondo Championship	Taekwondo Asso. Jaipur Rajasthan

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

Year of Establishment: 1972.

College Address: Zuarinagar-Goa, 403726

Principal's Details:

Name: Dr. R. B. Patil

Contact No: 2556010

Email: mescollege1@rediffmail.com, mescollege1@gmail.com

Website: www.mescollege.org

Vision & Mission Statement:

Vision: Higher Education will play the most critical part in accelerating the pace of all round development of India during the 21st century. MES is determined and equipped to contribute its might to the building up of a strong, growing and prosperous India, through its educational endeavours. M.E.S has established a wide network of academicians from several colleges and universities, N.G.Os, corporate bodies etc. to fulfil its educational endeavours.

Mission: The M.E.S mission is to equip the youth in and around Murgaoon with an up-to-date knowledge, marketable skills and high ethical values enabling them to participate effectively in the Nation building process and achieving fullest development of their potential, creative abilities and leadership qualities.

Courses offered and sanctioned strength:

- Arts - Sanctioned – 360; Filled -323,
- Commerce - Sanctioned –780; Filled -707
- BBA - Sanctioned -132; Filled -116,
- BCA - Sanctioned -240; Filled -103,
- B. Com. (Shipping Management) – Sanctioned -40; Filled -31
- Bachelor of Business Administration in Shipping & Logistics (First & Second Year Students) Sanctioned -80; Filled -15.

Faculty strength:37.

Achievements of the College:

- The College team has won the overall championship at the State Youth Festival organized by the Directorate of Sports & Youth Affairs, Govt. of Goa.
- The College has been Re-accredited by NAAC with a CGPA of 2.47 on a four point scale at B Grade valid for a period of five years from 01/05/2015.

Conferences/Workshops Organized:

State Level : 06 National Level:02

Publications :

Publications*	International	Indian	Total
Research papers in journals	-	02	02
Research papers in Conference Proceedings	07	12	19
Books	-	01	01
Total	07	15	22

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
-	18	NIL

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

Ph.D.:01

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First place	Second Place	Third place	
Inter-collegiate	03	-	02	-	01	-	06
State	02	-	-	-	01	-	03
National	-	-	-	-	01	-	01
Total	05	-	02	-	03	-	10

Details of the Sports Achievement at National and International Level only

Name of the Student	Name of the event in which participated (Sports / Games)	Name of the Tournament / Sports event with date	Name of the organizer
1. Ms. Manjushree Bhagat 2. Ms. Pranita Korgaonkar	Tennis Ball Cricket	25 th National Women Tennis Ball Cricket Championship held at HP 6-8 Dec.2014.	Tennis Ball Cricket Federation of India

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

Year of Establishment: 1973

College Address: P.O.Box No. 347, G.R. Kare Road, Tansor, Comba, Margao-Goa, 403 601

Principal's Details:

Name: Dr. (Mrs.)Prita D. Mallya.

Contact No: 2714224, 2732084

Email:principal.sdcc@vvm.edu.in

College Website: www.damodarcollege.edu.in

Vision and Mission Statement:

Vision: The College sees itself as a torch-bearer imparting total quality education.

Mission: The College stands committed to nurturing an environment for the holistic growth of our students and faculty, by imparting knowledge, values and skills in Commerce, conducive to good citizenship.

Courses offered, sanctioned and filled strength:

- (B.Com.)- sanctioned- 720 (+ 10%); filled-687
- (B.C.A.) – sanctioned- 240, filled-156
- (B.F.S.) - sanctioned-120, filled-65
- (M.Com.) - sanctioned 90, filled- 87.

Faculty Strength: 22**Achievement of the College:** Accredited by NAAC at B Grade with CGPA of 2.81 on a 4-point scale.**Conferences / Workshops Organized by the College:**

State level:01

National level : 01

Publications:

Publications	International	Indian	Total
Research papers in journals	02	02	04
Research papers in edited books	-	02	02
Research papers in Conference Proceedings	--	01	01
Total	02	05	07

Papers presented in Conferences/Seminars/Workshops:

Within India: 08

Awards/ Honours:

Name of the faculty member	Title of the Awards/Honours	Name of Agency/ Institution sponsoring the award.
Mrs Sheryl Da Silva	2 nd Place- Aavishkar	“Guru Srijan” – organized by Government College, Quepem.

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	--	--	--	3	4	1	8
Total	--	--	--	3	4	1	8

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

Year of Establishment: June, 1974

College Address: Dnyanprassarak Mandal's College of Arts, Sou. Sheela Premanand Vaidya College of Science & V.N.S. Bandekar College of Commerce, P.O.Box 20, Mapusa – Goa. 403 507

Principal's Details:

Name: Dr. D. B. Arolkar

Contact: (0832) 2268683/(0832) 2268488

Email: dbarolkar@rediffmail.com

College Website: www.dmscollege.ac.in

Vision and Mission Statement:

Vision: "Education for Social Transformation and Nation Building."

Mission statement: "To Proactively contribute towards the creation of an intellectually dynamic society which is committed to excellence, human dignity and the realization of human potential."

Courses offered and sanctioned strength:

- B. A. –offered -180; sanctioned-159
- B. Sc.(Computer Science)- offered - 60; sanctioned-42
- B. Sc.(Electronics)- offered - 60; sanctioned-31,
- B. Sc.(Chemistry) - offered -140, sanctioned-75,
- B. Com.- offered -1120, sanctioned-656
- B. B. A. - offered -135, sanctioned-104
- B. C. A.- offered -120, sanctioned-94
- M. Com. -offered -95, sanctioned-89
- M. Sc. – offered -40, sanctioned-40.
- Ph. D. Commerce - offered -11, sanctioned-11
- Ph. D. Chemistry- offered -02, sanctioned-02

Faculty strength:61.

Achievements of the college:

- The Department of Chemistry is recognized as Research Centre by Goa University.
- i. MOU with National Institute of Oceanography.
- ii. MOU with NSE iT
- iii. MOU with National Stock Exchange of India Limited.
- iv. MOU with NEWGENLIB.
- v. MOU with Goa Chamber of Commerce & Industry (I CREATE INDIA)
- vi. MOU with Federation of Indian Industry

Sponsored Research Projects sanctioned, ongoing and completed during June 2014 and May 2015.

Sr. No.	Name of Investigator /s	Project Title	Date of sanction and duration	Funding Agency	Amount (Rs in lakhs)	Specify whether sanctioned, ongoing or completed
1.	Dr. Vidya Desai	'Synthesis of Novel Heterocyclic Compounds Having Potential Bioactive Properties'	21/12/2013	DST Goa	4.75 lakhs	Sanctioned and Ongoing

Conferences/Workshops organized:

State level : Workshops - 07

Publications:

Publications*	International	Indian	Total
Research papers in Journals	13	05	18
Research papers in Edited books	01	---	01
Research papers in Conference Proceedings	02	---	02
Total	16	05	21

Papers presented in Conferences/Seminars/Workshops :

Abroad	Within India	Within Goa
01	08	09

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

Ph. D.:01

Awards/Honours :

Name of the faculty member	Title of the Awards/Honours	Name of Agency/Institution sponsoring the award.
Prashanti Talpankar Associate Professor in Commerce	Best Supporting Actress 2014-15 for a role in the movie 'Baga Beach'.	State Film Society, Government of Goa.

Sports Achievements:

Levels of Competition	Individual Event			Team Event		
	First Place	Second Place	Third Place	First Place	Second Place	Third Place
Inter-Collegiate	1	1	4	1	1	1
State	--	2	2	1	1	--
National	--	--	--	--	--	1
Total	01	03	06	02	02	02

Details of the Sports Achievements at National and International Level only.

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event	Name of the Organiser
Rima Gadekar	West Zone Inter University Football Championship for Women : 2014-15	West Zone Inter University Football Championship for Women	University of Rajasthan, Jaipur.
Rima Gadekar	All India Inter-University Football (Women) Championship 2014 - 15	All India Inter-University Football (Women) Championship	BHU, Varanasi
Abhijit Salgaonkar	Inter-University Football Championship for Men 2014-2015	Inter-University Football Championship for Men	LNUPE, Gwalior, Madya Pradesh.
Akshay Dabolkar	Inter-University Football Championship for Men 2014-2015	Inter-University Football Championship for Men	LNUPE, Gwalior, Madya Pradesh.
George Rodrigues	Inter-University Football Championship for Men 2014-2015	Inter-University Football Championship for Men.	LNUPE, Gwalior, Madya Pradesh.
Deou Bاندodkar	National Throwball Championship	37 th Senior National Throwball Championship	Throwball Association of Bhopal.
Anuj Morajkar	National Throwball Championship	37 th Senior National Throwball Championship	Throwball Association of Bhopal.
Manish Govekar	National Throwball Championship	37 th Senior National Throwball Championship	Throwball Association of Bhopal.
Gaurav Chodankar	2 nd Senior Beach/8 th Senior Open National Tug of War Championship	2 nd Senior Beach/8 th Senior Open National Tug of War Championship	Tug of War Federation of India, New India.

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

Year of Establishment: 1986

College Address: Post Box No. 102, Farmagudi By-Pass Junction, Ponda-Goa.403401.

Principal's details:

Name: Shri. Pravin M. Bhende

Contact No.: 0832-2335875

Email: gvmcce@yahoo.in /pmbhende@gmail.com

College website: www.gvmcommercecollege.com

Vision and Mission statement:

Vision: "To make the Institution a centre of excellence in education and enable the students to take up responsible positions in the society".

Mission: "To make higher education accessible to students especially from rural areas in and around Ponda Taluka and to empower them with knowledge, skills, competencies and values to make them ideal citizens of our country".

Courses offered, sanctioned & filled strength:

B.Com (UG) - 691,

B.C.A. (UG) - 78,

M.COM (PG) - 76

Faculty strength: 33

Achievements of the College:

The college was accredited by NAAC with "B" Grade with CGPA score of 2.70 in its second cycle in March 2015. The college has signed MOU with Indsearch, Pune.

Sponsored Research Projects sanctioned, Ongoing and completed during June 2014 and May 2015

Sr. No.	Name of Investigator/s	Project Title	Date of sanction and duration	Funding agency	Amount (in Lakhs)	Specify whether sanctioned, ongoing or completed
1	Shri. Chandrakant Phadte	On Fibonacci sequence and its extensions	24/5/2014	UGC, Pune	65,000/-	Sanctioned, Ongoing

Conferences/workshops organized:

State Level : 07

National Level : 02

Publications :

Publications*	International	Indian	Total
Research papers in Journals	08	05	13
Books	01	-	01
Total	09	05	14

Papers presented in conference/seminars/workshops:

Abroad: 01 within India: 03 within Goa: 09

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

Ph.D.: 01

Awards / Honours :

Name of the faculty member	Title of the Awards/ Honours	Name of Agency/Institution sponsoring the award
Mrs. Gulab A. Borkar	Academic Excellence and Environmental upliftment	On behalf of Trustees of Dignity Foundation

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 Gold	4 Silver	1 Bronze	-	4 Silver	-	01
National	-	-	-	1 Gold	1 Silver	2 Bronze	04
International	1 Gold	-	-	-	-	-	01

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Ms. Famila Fernandes	Sqay Martial Art	National Sqay Martial Art Tournament held at Mysore	Sqay Association of Karnataka
Ms. Famila Fernandes	Sqay Martial Art	Tri-Nation International Sqay Martial Art Championship	Sqay Federation of Bhutan
Ms. Anuja Mudalkar	Base Ball	29 th Senior National Baseball Championship	Goa Baseball Association
Ms. Anushka Kuvelkar	Badminton	All India Junior Ranking Badminton Tournament	Uttaranchal State Badminton Association
Ms. Anushka Kuvelkar	Badminton	West Zone Inter State Badminton Championship	Badminton Championship Goa

Special Sports Achievement :

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
Ms. Anushka Kuvelkar	Badminton	National Games Kerala.	XXXV National Games Kerala 2015

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

Year of Establishment: 1986.

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

Principals Details:

Name: Dr. A. S. Dinge.

Contact No. : 0832 2335171

Email: pessrsncol@gmail.com

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

Courses offered, sanctioned and filled strength: B. A.- 443, B.Sc.-444

Vision and Mission Statements: Vision: Is to be a Centre of Higher Education, that prepares youth for becoming capable useful and upright citizens, able to face the challenges faced by the country and the global village.

Is to act as catalyst for a holistic development of the rural community

Mission: We aim to achieve our vision.

By ensuring that our faculty is highly qualified and committed to the transference of high levels of knowledge and values to the students.

By promoting activities that inculcate student community interaction for meeting the local needs.

By evolving programmes that will enable the students to find practical applications of the knowledge gained.

By providing an atmosphere where an all round development of personality is possible.

Any new courses(s) started: M.Sc. in Organic Chemistry.

Faculty strength: 78.

Achievements of the College: NAAC -B

Conferences/ Workshops organize:

State level: 3 National Level: 1

Publications:

Publications*	International	Indian
Research papers in Journals	--	10
Research papers in Edited Books	03	--
Research papers in Conference Proceedings	--	10
Books	01	08
Total	04	28

Papers presented in Conferences/ Seminars/ Workshop attended:

Within India: 10

Any other special Achievements of faculty and students.

- Awarded 1st place to Dr.Sunita Borkar in the faculty category for the poster entitled “Optimization & applications of viscous exopolymer production by an alkaliphilic bacterium” at the one day National Level Competition in Biosciences (BIOCOMP -15, orga-

nized by Dept. of Microbiology, Shivaji University Kolhapur and Microbiologists Society of India.

- Dr. Badruddin : Visiting Scholar: East China University Shanghai, China. 07-14 April 2015 to promote undergraduate programme with Chinese students.
- Dr. Badruddin : Member of Scientific Committee : for the International Conferences on “ Communication and Media” (18 – 20 October 2014) Organised by University of North Malasiya, Langkawi, Kedah Malaysia.

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

Year of Establishment: August 1987

College Address: Cuncolim, Salcete Goa 403 703.

Principal’s Details:

Name: Dr. Savita S. Nadkarni (Officiating)

Contact No.: 2865210/9881662304

Email : principalcescollege21@gmail.com

Website:www.cescac.edu.in

Vision and Mission Statement:

Vision : “To infuse, nurture and develop lasting Values of secularism, democracy and Leadership in our students through Quality education.”

Mission : “To impart quality higher education, to our students, so as to foster their development by providing knowledge that will build up enlightened citizens, a Progressive Society and a vibrant nation while giving due Consideration to the Young aspirants of higher education.”

Course offered & Sanctioned and filled strength: B. A.-202, B.COM. - 227

Faculty strength: 18

Publications:

Publications*	International	Indian	Total
Research papers in Journals	--	01	01

Paper presented in Conferences/Seminars/workshops:

Abroad	Within India	Within Goa
---	03	---

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

Sports achievements:

Levels of Competition	Individual Event			Team event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	---	01 (1500 m Race)	01 (5000 m Race)	12 (Kho-Kho)	05 (Tennikoit)	---	19
Total	---	01	01	12	05	---	19

Details of the Sports Achievements at National and International Level only

Sr. No.	Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event	Name of the organizer
01.	D'souza Selina	National Tennikoit Championship	15 west zone National Tennikoit Championship	Goa Tennikoit Association alongwith Tennikoit Federation of India.
02.	Soniya Babu Gaonkar Amita Prakash Vellip Shubham G. Gaonkar	Pre- National Coaching camp in Modern Kho-Kho	1 st National Championship in Modern Kho-Kho at Bangalore Karnataka	Modern Kho-kho Federation of India
03.	Soniya Gaonkar Sapana Gaonkar Sarvesh Gaonkar	Senior National Kho- Kho Championship	48 th National Kho-Kho Championship at Hombegouda Kho-Kho complex Bangalore	Karnataka State Kho-Kho Association along with Kho-Kho Federation of India.
04.	Ajay S. Gaonkar Amir B. Velip Premanand A. Velip Kalpesh K.Velip Raksha R. Raut Dessai Jayshree P. Gaonkar Ravina R. Gaonkar Sapana G. Gaonkar Pooja D. Deikar Divya B. Gaonkar Suganda Gaonkar	National Atya patya Championship	29 th Men & 25 th Women Senior National Atya patya Championship at Nashik	Maharashtra State Atya patya Association along with Atya patya Federation of India
05.	Siddesh K. Gaonkar Samrat Malu Velip	West Zone Inter University Kabaddi Championship 2014-2015	West Zone Inter University Kabaddi Championship 2014 - 2015 at Amravati	Sant Gadge Baba Amravati University
06.	Krishna Bandivaddar Sarvesh Velip	National Sepaktakraw championship	32 nd South Zone National championship in Sepaktakraw held at Kurnool (A.P.)	A.P. State Sepaktakraw Association alongwith Sepaktakraw Federation of India

5.12 Government College of Arts, Science and Commerce, Sanquelim

Year of Establishment: June 1988

College Address: Govt. College of Arts, Science and Commerce, Sanquelim-Goa.

Principal's Details:

Name: Ms. Lucy James (Offg. Principal)

Contact No: Ph. No. (0832) 2364271

Fax. No: (0832) 2364271

Email: gcascnql@bsnl.in

College Website: www.gcascs.ac.in

Vision and Mission Statement:

Vision: "Empowerment For Social Transformation Through Holistic Education With a Humane Approach".

Mission: "To Initiate Positive Social Change through Equal Opportunity Diverse Approaches, in a Healthy, Responsive & Inclusive Environment."

Courses offered and sanctioned strength:

- B. A. - 433,
- B. Sc. - 232,
- B. Com. - 276.

Faculty strength:40.

Sponsored Research Projects sanctioned, Ongoing and Completed during June 2014 and May 2015.

Name of the Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. In Lakhs)	Specify whether sanctioned, ongoing or completed
Dr. Sneha Suvas Prabhu Mahambre	"Gomantakiy Shahir Gonji Naik Yanche Vangamay"	October 2013, & submitted on 2 nd February 2015.	Marathi Sahitya Seva Sangh, Sankhali-Goa.	Rs. 0.45 Lakhs.	Completed.
Dr. Sneha Suvas Prabhu Mahambre.	"Ranmale: Aakaln Aaswad aani Sanhita Sankalan"	June 2014. 2 Years	Art and Culture Panjim-Goa.	Rs. 1,44,000/-	ongoing

Publications

Publications*	International	Indian	Total
Research papers In Edited Books	01	03	04
Research papers in Conference Proceedings	02	--	02
Research Papers in Journals	02	06	08
Research papers In Edited Books	--	01	01
Books	01	01	02
Total	06	11	17

Papers presented-in Conferences/Seminars /Workshops:

Abroad	Within India	Within Goa
---	08	09

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

Awards/Honours:

Name of the faculty member	Title of the Awards/Honours	Name of the Agency/ Institution sponsoring the award
Dr. Sneha Suvas Prabhu Mahambre,	"SANMAN CHINH"	'Bilvdal - Sakhali.'
DR. Sneha Suvas Prabhu Mahambre,		'GSB Nidhi (Goa)'.

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter- collegiate	-	05	03	-	01	-	09
Total	-	05	03	-	01	-	09

Details of the Sports Achievements at National and International Level only.

Name of the student	Name of the event in which participated	Name of the Tournament/ Sports event with date	Name of the organizer
Sajjala Padwalkar & Rohini Patil	Hockey	National Women Sports Competitions Group II held at Chitradurga (Karnataka)	Mission Directorate Ragiv Gandhi Khel Abhivan, Ministry of Youth Affairs & Sports, Govt. of India and in collaboration with Youth Empowerment & Sports Dept. of Govt. of Karnataka
Shilpa Rane & Nitisha Gawas	Kabaddi	62 nd Sr. National Kabaddi Championship held at Govt. Boys Hr. Secondary School, Tirucengode, Namakkal Dist., Tamil Nadu	Tamil Nadu, Amateur Kabaddi Association under the auspices of Amateur Kabaddi Federation of India.

Datta Hinde	Judo	Sr. National Judo Championship 14-15 held at Dev Sanskriti Vishwavidyalaya, Shantikunj Haridwar	Judo Association of Uttarakhand under the auspicious of Judo Federation of India.
Viraj Gawas	Tennis ball, Cricket	25 th Sr. National Tennis ball Cricket championship held at Sundar Nagar (H.P.)	H.P Tennis ball Cricket Association under the Auspicious of Tennis ball Cricket Association of India.

Special Sports Achievements :

- Viraj Gawas was the member of the 25th Sr. National Tennis ball Cricket team who has secured 3rd place at the said Championship held from 6th to 9th Dec., 2014 at M.L.S.M. College, Sundar Nagar (H.P.)

Any other Special Achievements of faculty and students:

- **Dr. Soniya Sirsat:** 14-15/01/2015 : Selected as a Hindi Translator of the original Konkani poems of the well known Konkani Poet Shri. Arun Sakhardande by the Director General, All India Radio, New Delhi. Presented the translated poems of the said Poet in the National Symposium of Poets organized by All India Radio, New Delhi at Bhubaneswar, Orissa.

5.13 Goa College of Home Science, Campal, Panaji

Year of Establishment: 1988

College Address: Opp.of Parade Ground, Campal, Panaji- Goa

Principal's Details:

Name : Dr. Mahesh Pai, Offg. Principal

ContactNo.:2227603, 2425254

Email:Principalgchs@rediffmail

Website:www.goahomescience.gov.in

Vision and Mission Statement:

Vision :Cultivating Erudite Community Builders

Mission: To ensure all round development of students, by instilling in them the Institutes' core values of innovation, excellence and discipline with a thrust on being self-reliant and responsive to the changing trends in Industry and Society.

Course offered, Sanctioned strength, filled strength :

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

Sanctioned strength: 50; Filled strength:40

Faculty strength: 6

Conferences/Workshops organized:

State Level: 03

National Level: 02

Achievements of the College:

- **Handloom weaving centre**

Our College takes pride in its Handloom Weaving and Training Centre which strives to design hand-woven Kunbi sarees. Our Handloom Weaving and Training Centre has featured in the *Style and the City* programme of the international TV channel *Fox Traveller*.

- **Nutrition Patterns Suggested**

On request from the Directorate of Education, Government of Goa, our nutrition experts worked out **recipes for Mid-Day Meals** provided by the Government of Goa to school children.

- **Project On Nutritional Value Of Recipes**

The Goa College of Home Science has **collaborated with Chowgule Mediconsult**, a Health Care Information Technology Company on a project to **develop a database of nutritional values of recipes**.

Publications:

Publications	International	Indian	Total
Research papers in journals	-	2	2
Research papers in Edited Books	-	4	4
Research papers in Conference Proceedings	-	6	6
Books	-	1	1
Total	-	13	13

Papers presented in Conferences / Seminars / Workshops:-

Within India: 14

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. Seema P. Rath, Vice Principal,
Ganeshnagar, Khandola, Marcela, Goa

Contact No.: 0832- 2288369

Email: gcasck@rediffmail.com

Website: www.khandolacollege.edu.in

Vision and Mission Statement:

Vision - To be "Centre for Excellence" with the following mission Statement

To promote high standards of education in an environment conducive to the needs of undergraduate students.

To provide undergraduate education that will enable students to be responsive to the needs of an ever-changing society.

To promote the advancement of scholarly and artistic activities for students and faculty.

To foster a culture that supports and reinforces ethical and pro-social values.

To create an environment in which students and faculty find support and encouragement in achieving life.

Courses offered and sanctioned strength:

- B. A. – Sanctioned strength-180& filled strength-173,
- B.Sc. Sanctioned strength-180 & filled strength-114,
- B. Com. Sanctioned strength-420 & filled strength-308.

Faculty strength: 29.

Teachers deputed for higher studies under FIP: 03.

Sponsored Research Projects sanctioned Ongoing, Completed between June 2014 and May 2015.

Sr. No	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs. In Lakhs)
1	Dr. Christina De Souza	Unorganised Sector : Social protection of vegetable vendors in Goa.	--	ICSSR	---
2	Mr. Jaison Joseph	Surface and bulk studies of nano particle spinel ferrite thin films	18/09/2014	UGC-DAE-CSR	--

Conferences / Workshops organized:

State Level : 02

Publications:

Publications*	International	Indian
Research papers in journals	04	01
In Edited Books	-	03

Papers presented in Conferences / Seminars / Workshops :

Abroad	Within India	Within Goa
01	01	01

Sports Achievements:-

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	02	02	02	--	--	--	06
Total	02	02	02	--	--	--	06

5.15 Government College of Arts, Science and Commerce, Quepem

Year of Establishment: June 1989

College Address: Government College of Arts, Science and Commerce,
Quepem-Goa, Pin code 403705.

Principal's Details:

Name: B. G. Nayak

Contact No: 08322662342

Email: gcasq @ rediff.com

College Website: <http://gcq.ac.in>

Vision and Mission Statement:

Vision: To nurture the students, to nourish the society.

Mission: To provide resources for learning, for advancement, creation and dissemination of knowledge this would contribute to a more meaningful society through the growth and all round development of student's personality.

Courses offered, sanctioned and filled strength: B.A., B.Com., B.Sc., M.Com.

Faculty strength: 41

Teachers deputed for higher studies under FIP or on Fellowship of more than three months duration abroad: One

Achievements of the College:

1. Research Centre in History
2. Research Centre in Marathi

Sponsored Research Projects sanctioned between June 2014 and May 2015.

Sr. No	Name of Investigator/s	Project Title	Date of sanction and duration	Funding Agency	Amount (Rs. in Lakhs)	Specify whether sanctioned, ongoing or completed
1.	Dr. Reyna Sequeira	1.Kumbhars of Shirvoi	Feb.2014	Minor Research, Project, U.G.C. (WRO), Pune.	Rs. 40,000/-	Due for submission
2.	Dr. Reyna Sequeira	Minor Research Project titled "A Sociological Study of Kumbhar Community of Goa"	May 2012	Minor Research, Project, Directorate of Arts & Culture, Panaji	Rs. 2 lakhs	On going

Publications:

Publications *	International	Indian	Total
Research papers in journals	16	12	28
Research papers in Edited Books	-	04	04
Books	-	02	02
Total	16	18	34

Papers presented in Conferences/Seminars/Workshops:

Abroad/International	Within India	Within Goa
--	17 National	09
--	12 International	--

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

Ph.D. - 06

Awards/Honours:-

Name of the Faculty	Title of the Awards/Honours	Name of Agency /Institution sponsoring the award.
Dr. Rajay Pawar	Sahitya Puraskar	Goa Konkani Academy

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	11	11	03	04	04	-	33
State	08	02	01	10	-	-	21
Inter-University	-	-	-	-	-	07	07
National	-	-	02	-	-	01	03
Total	19	13	06	14	04	08	64

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports /games)	Name of the Tournament/sports event with date	Name of the organiser
Sonali Malik	Baseball Women	Baseball from 21 st to 25 th Aug. 2014.	Seoul - South Korea
Michel Castanha	a) Senior Women's National Football preparatory camp b) SAFF Football Camp Womens	a) Mumbai Indian Women's Football Camp at Mumbai b) SAFF Football Pataila Punjab .	All India Football Federation (AIFF)

5.16 Rosary College of Commerce & Arts, Navelim, Salcete, Goa

Year of Establishment: June, 1990

College Address: Navelim, Salcete, Goa 403707.

Principal's Details:

Name: Rev. Dr. Simão R. Diniz

Contact No.: 9822124121

Email: rosarycollege.1990@gmail.com

College Website: www.rosarycollege.org

Vision and Mission Statement:

Vision: An Educative Community marked by Justice, Cooperation and Integrity.

Mission: To empower young men and women specially the underprivileged as responsive citizens through Holistic Education.

Courses offered, sanctioned and filled strength:

- Commerce – 324,
- Arts – 140,
- Computer Applications – 76,
- Business Administration – 42,
- Business Administration (Travel & Tourism) – 35,
- Masters of Commerce – 40.

Faculty strength: 34

Achievements of the College:

The college published the Xth issue of its inter-disciplinary Journal, *GYANA*.

Ongoing projects/Completed during June 2014 and May 2015:

Name/s of Investigator/s	Topic	Date of Sanction	Funding Agency	Amount (Rs. in Lakhs)
Dr. Francis X. Lobo	The Influence of Regular Yogic Practice on Physiological Parameters in the Middle Age Group	11.01.2012 (2 years)	UGC	0.95

Conferences / Workshops / Seminars / Events Organized:

- State Level: 02
- National Level: 02

Publications:

Publications	International	Indian	Total
Research papers in journals	08	-	08
Research papers in Conference Proceedings	-	01	01
Books	01	-	01
Total	09	01	10

Paper presented in Conferences/Seminars/workshops:

Abroad	Within India	Within Goa
---	02	4

Sports achievements:

Levels of Competition	Individual Event			Team event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	---	01 (1500 m Race)	01 (5000 m Race)	12 (Kho-Kho)	05 (Tenni-koit)	---	19
Total	---	01	01	12	05	---	19

Details of the Sports Achievements at National and International Level only:

Sr. No.	Name of the student	In which participated	Tournament/ Sports event	Organiser
1.	Mr. Hemendra Sharma	Karate	Japan Sudoku Karate Association	Sri Lanka
2.	Mr. Aaron Pereira	Karate	5 th JKA India National KYU Championship	Surat
3.	Ms. Lira Dias Mr. Raju Chalwadi Mr. Nativity Colaco Mr. Rajesh Hazam	Cross Country	Cross Country	Kerala
4.	Mr. Stephen Colaco Ms. Marisa Rodrigues	Athletics	West Zone Athletic Championship (National) Relay 4x400	Raipur Chattisgarh
5.	Ms. Abigail Alvares Ms. Mabel Mascarenhas Ms. Rovita Fernandes	Football	All India Inter-University Football Championship (Women)	BHU, Varanasi
6.	Mr. Anik Naik	Athletics	All India Inter-University Athletic Championship	Rajiv Gandhi University, Mangalore
7.	Mr. Razor Braganza Mr. Neville Albuquerque	Football	West Zone Inter-University Football championship (Men)	LNUPE, Gwalior, Madhya Pradesh
8.	Mr. Nativity Colaco	Marathon	International marathon, Macau, China	China
9.	Mr. Selvin Barretto Ms. Rasika Velip Ms. Malaka Pathan Ms. Lalita Singh Ms. Soby Fernandes	Handball	36 th South Zone Handball Championship	Mangalore, Karnataka
10.	Mr. Anik Naik Ms. Marissa Rodrigues Mr. Stephen Colaco	Athletics	30 th National Junior Athletic Champonship	Vijayawada, Andhra Pradesh

11.	Mr. Infancio Correia	Cricket (Men)	West Zone Inter University Cricket Championship	Barkatulha University, Bhopal
12.	Mr. Hemendra Sharma	Karate	27 th AIKE National Karate Championship	Jaipur, Rajasthan
13.	Ms. Swizel D'Silva Ms. Piola Mendes Ms. Cherifa Pereira Ms. Stancy Luis	Basketball	65 th Senior Basketball National for Women	Bhilwara, Rajasthan
14.	Mr. Felix Alemao	Cricket	Col. C. K. Nayadu Trophy	Goa
15.	Ms Swizel D'Silva Ms. Cherifa Pereira Ms. Deann Rebello Ms. Piola Mendes	Netball	National Netball Championship	Guntur, Andhra Pradesh

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

Year of Establishment: 1991.

College Address: Telang Nagar, Khorlim, Mapusa Goa.

Principal Details:

Name: Santosh B. Patkar

Contact No.: 9421157379/(0832) 2250042

Email: patkar_santosh@rediffmail

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

Vision and Mission Statement:-

Vision: To be a model institution providing for a holistic development of the Individuals with an aim of promoting a healthy and progressive society.

Mission: To impart value added education to nurture creative abilities of our youth, to develop professional competence with a focus on opportunities for individual excellence and the collective wellbeing of the community.

Courses offered and sanctioned strength: B.Com.-484, B.B.A.-148, B.C.A. - 57.

Faculty strength:14.

Achievements of the College: Accredited by NAAC with B Grade w.e.f.24/09/2014.

Conference/workshop organized :

State level: 03 National Level:02

Publications:

Publications*	International	Indian	Total
Research papers in Journals	08	06	14
Research papers In Edited Books	01	--	01
Research papers in Conference Proceedings	--	02	02
Total	09	08	17

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
-	04	05

Awards/ Honours :

Name of the faculty member	Title of the Awards/Honours	Name of Agency/ Institution sponsoring the award.
Mr. Jayesh Churi	Best Paper Award	National Conference at Satara

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	01	05	02	01	-	02	11
Inter-University	-	-	-	-	-	01	01
National	03	03	03	-	-	-	09
Total	04	08	05	01	--	03	21

Special Sports Achievements:

Mast. Snehal Kauthankar & Mast. Lashay Garg were selected in the Ranji Cricket Team.

Any other Special Achievements of faculty and students:

SYBBA students – Mast Leander Pinto won the best business plan in Goa at National Level organized by Goa Chamber of Commerce & Industry and I-create in November 2014.

5.18 Fr. Agnel College of Arts and Commerce, Pilar

Year of Establishment: June 1991

College Address: Pilar – Goa. 403 203

Principal's Details:

Name : Dr. Fredrick Rodrigues,sfx

Contact No.: (0832)2218673

Email : fragnelcol@rediffmail.com Fredrod1964@gmail.com

Website:www.fragnelcollege.com

Vision and Mission Statement: Our mission is to provide quality higher education to all including the socially, economically and academically challenged students and through 'Honest Toil' build 'Successful Citizen's in all walks of life who will sustain the ethos of our great country through imbibed values of Truth, Love and Justice to all.

Courses offered and sanctioned strength: B.A.- offered- 60; sanctioned-67, B.Com.- offered- 120; sanctioned-127 and B.C.A.- offered 40 (self financed); sanctioned-17.

Any new course started: Research Centre in Commerce.

Faculty strength:-18

Teachers deputed for higher studies under FIP or on Fellowship of more than three months duration abroad: 01

Conferences / Workshops organized: State Level:03

Publications:

Publications*	International	Indian	Total
Research papers in Journals	05	-	05
Research papers In Edited Books	--	01	01
Research papers in Conference Proceedings	06	02	08
Books	--	02	02
Total	11	05	16

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
01	06	01

Awards/ Honours:

Name of the faculty member	Title of the Awards/Honours	Name of Agency/ Institution sponsoring the award
Mr. Milind Mhamal, College Librarian	Goa State Best Librarian Award	Directorate of Arts and Culture, Govt. of Goa

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	2	1	1	1	4	10

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Ms. Khatral Ruksarbhanu	Sports	Judo	--
Mr. Govind Naik	Games	Fifa World Cup Quiz	Fr. Agnel College
Mr. Brijesh Naik	Games	Fifa World Cup Quiz	Fr. Agnel College
Ms. Alisha Makwana	Games	Kabbadi Champion for Women	Tirucengode (Tamilnadu)

5.19 Government College of Arts and Commerce, Pernem

Year of Establishment: 1993.

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

Principal's Details:

Name: Gervasio S. F. L. Mendes (Acting Principal)

Contact No.: 9421094271, Tel: 2201210 (Off.) 2201762 (Prin.)

Fax: 2201762

Email: gcacpg@yahoo.co.in, gervasiom83@gmail.com, gervasiomendes@rediffmail.com

Website: www.govtcollegepernem.org.

Vision and Mission Statement:

Vision: Knowledge and virtue for peace and progress

Mission: To empower the youth; promote excellence in all our endeavours; and develop service-minded citizens of the country and the world.

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

Faculty Strength: 15.

Publications:

Publications	Foreign	Indian
Research papers in journals	-	01
Research papers in Conference Proceedings	-	01
Total	-	02

Papers presented in Conferences/ Seminars/ Workshop:

Abroad	Within India	Within Goa
0	02	07

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

Awards/ Honours:

Name of the faculty member	Title of the Awards/Honours	Name of Agency/Institution sponsoring the award
Dr. Gervasio S.F.L. Mendes, Acting Principal	Recognition for "Excellence in Services" North Goa District, Award in recognition of services rendered for SVEEP Activities during Summary Revision 2014	The Election Commission of India, New Delhi
Ms. Neeta Torne, Associate Professor in Marathi	Sahithya Sevastrih Award at 54 th Akhil Bharatiya Ankur Marathi Sahitya Samelan, Borim, Goa on 27 th and 28 th December, 2014	Ankur Sahithya Sangh Ankola, Maharashtra
Dr. Roshan Usapkar, Assistant Professor in Commerce	Best Paper Presenter Award on 23 rd and 24 th January, 2015	ADMIFMS, University of Mumbai

Sports Achievements:

Level of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-Collegiate	01	-	-	01	-	-	02
State	01	-	-	01	-	01	03
Total	02	-	-	02	-	01	05

5.20 Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts & Commerce, Canacona**Year of Establishment:** 1993**College Address:** Delem, Canacona, Goa 403702**Principal's Details:****Name:** Dr. F. M. Nadaf**Contact No:** 0832-2633433, 9765459914,**Email:** fmnadaf@rediffmail.com**College website:** www.shreemallikarjuncollege.in**Vision and Mission Statement:****Vision:** To emerge as the torchbearer in the learner-centric Quality Higher Education through unstinted commitment and dedicated efforts continuously evolving to better the BEST.**Mission:** To strive for community development through empowerment of individuals by providing opportunities for learning life's education and lead by example.**Courses offered, sanctioned and filled strength:** B.A.-Sanctioned-360; Filled-307, & B.Com. - Sanctioned-180; Filled-113**Faculty strength:** 32**Achievements of the College:**

- College was accredited by NAAC with 'B' Grade (CGPA Score 2.81 on a 4 point scale)

Ongoing projects/ Completed during June 2014 - May 2015:

Name of Investigator/s	Project Title	Date of Sanction And duration	Funding Agency	Amount (Rs)Lakhs
Dr. F. M. Nadaf	Western Ghats of Goa: A Geographical Diagnosis	28 th August 2012 24 months	University Grants Commission	1.25

Conferences/Workshops Organized:

- State Level : 03
- National Level : 02

Publications:

Research papers in journals: 08 (Indian)

Papers presented in Conferences/Seminars/Workshops:

Within Goa: 04

Sports achievements:

Level of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-Collegiate	4	2	-	2	4	1	13

5. 21 Narayan Zantye College of Commerce, Bicholim**Year of Establishment:** June, 1994**College Address:** Vathadev, Sarvan, Bicholim – Goa Post: Industrial Estate Pin: - 403 529**Principal's Details:****Name:** Dr. Sathish (Offct. Principal)**Contact No:** 7350586794, (O): 2361377/2363769**Email:** drsathishgoa@gmail.com**College website:**www.zantyecollege.ac.in**Vision and Mission Statement: Vision:**To be the Centre of Best Quality Education and Research.**Mision:**We at Zantye College are committed to impart and innovate Education, direct our inputs into productive outputs and to develop socially responsible citizens for our Nation.**Courses offered, sanctioned and filled strength:** B.Com. –Sanctioned-540; Filled-503, M. Com.- Sanctioned -80; Filled-66.**Faculty Strength: 13****Conferences/Workshops Organised:**

State Level:01

Publications :

Publications*	International	Indian	Total
Research Papers in Journals	25	01	26
Books	01	--	01
Total	26	01	27

Papers presented in Conferences/Seminars/Workshops:**Within India: 08 Within Goa: 05****Sports Achievements :**

Level of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	--	--	--	2	--	--	2
Total	--	--	--	2	--	--	2

5.22 Govt. College of Commerce, Borda, Margao

Name of the College: Government College of Commerce, Borda, Margao

Year of Establishment: June, 2010

College Address: Borda, Margao, Goa-403602

Principal's Details:

Name: Ms. Maria Fatima De Souza

Contact No: 0832-2700555

Email: gcc.margao@gmail.com

Vision and Mission Statement:

Vision: To Nurture Students to Nourish Our Society

Mission: To provide resources for learning, for advancement, creation and dissemination of knowledge which would contribute to a more meaningful society through the growth and all-round development of the student's personality.

Courses offered, sanctioned and filled strength: B.Com. 120

Faculty strength:03

Publications:

Publications*	International	Indian	Total
Books	N.A.	01	01
Total	--	01	01

Sports Achievements:

Levels of competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Intercollegiate	02	02	04	--	--	--	08
Total	02	02	04	--	--	--	08

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

Year of Establishment:2012.

College Address: Dev Mandrekar Nagar, Mandrem – Goa.

Principal's Details:

Name: Shri Gopalkrishna G. Kondli (Administrative Incharge)

Contact No.: 9422446993/0832 2753420

Email: gopal.kondli@yahoo.co.in

College Website: www.mandrecollege.ac.in

Courses offered, sanctioned and filled strength: B.Com. – 111

Conference/Workshop Organized: 02

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

Year of Establishment: 2013 - 2014

College Address: Swami Vivekanand VidhyaPrasarak Mandal's College of Commerce,
Shirshirem, Borim – Ponda Goa. 403401

Contact No.: 08322333029

Vision and Mission Statement: Equip our students with knowledge and skills, while Inculcating values, helping them identify their hidden talents.

Courses offered, sanctioned and filled strength: BCOM -101, BBA-11

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

M. Phil.:01

5.25 Shree Sateri Pissani Education Society's Shri Gopal Gaonkar Memorial Goa Multi-Faculty College, Dharbandora.

Year of Establishment: 2013-2014.

College Address: NH-4A, Ponda-Belgaum Road, Dayanand Nagar, Tal. Dharbandora, District-South Goa.403 406.

Principal's Details:

Name: Dr. Manasvi M. Kamat

Contact No: 0832-2344064, 2344062 / 09422415052

Email: manasvikamat@gmail.com

College Website: gmcgoa2013@gmail.com

Vision and Mission Statement:

Vision: Sustainable development through education in an environment that values diversity, individuality, mutual respect and free exchange of ideas.

Mission: To provide high quality, student centred education and lifelong learning opportunities for the communities we serve.

Courses offered, sanctioned and filled strength:

BBA-60(sanctioned and filled), BCA - 40(sanctioned and filled), B.Com.-50(sanctioned) and 32(Filled).

Faculty strength:03

Conference/Workshop Organized:

State Level: 01

Publications:

Publications*	International	Indian	Total
Research papers in journals	--	2	2
Total	--	2	2

Papers presented in Conferences/Seminars/Workshops:

Within Goa: 03

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Sushma S. Gawaco	Kho-Kho	48 th Senior National Kho-Kho Championship 2014-15 (7/01/2015 to 11/01/2015)	Karnataka State Kho-Kho Association. ..

Special Sports Achievements:

Ms. Sushma Suryakant Gawaco participation in National Kho-Kho Championship 2014-2015 held at Karnataka

PROFESSIONAL COLLEGES

5.26 Don Bosco College, Panaji

Year of the Establishment: 2001

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

Principal's Details:

Name: Fr. Wilfred Fernandes (Manager)

Contact No: +917083261430/0832-6644321,2221986

Email: wilfredfernandes@hotmail.com

College website:www.donbosco.goa.org

Vision and Mission Statement:

Vision: We strive to promote the Holistic Education of the Young, especially of the Marginalised in the Don Bosco way, making them Agents of Transformation for a better tomorrow.

Mission: To provide youngsters with an integral formation of Academic, Professional and Human commitment.

Courses Offered, sanctioned and filled strength:

- B.C.A-sanctioned-80; filled-52,
- BBA(Travel & Tourism)- sanctioned-30; filled-30,
- B.A.M.M.- sanctioned-30; filled-20,
- B.B.A- sanctioned-40; filled-48,
- B.S.W.- sanctioned-30; filled-08,
- B.P.Ed- sanctioned-50; filled-49,

Any new Course(s) started: Master of Social Work started in the year 2014.

Faculty Strength : 35

Achievements of the College:

- The College has signed MOU with the University of Porto and the Portuguese Olympic Association on 9th Feb 2008. The MOU agreed to an exchange between faculty and students of sports for interchange of ideas and research.
- Academic collaboration with the Assam Don Bosco University, Assam.
- The Travel and Tourism Association of Goa (TTAG) and Don Bosco College have a linkup which facilitates the flow of ideas, training and placements for the BBA (Travel and Tourism) students.
- Tie up with "Pratham", NGO on Annual Education Survey 2014.

Sponsored Research Projects sanctioned, Ongoing and Completed during June 2014 and May 2015

Sr.No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)	Specify whether sanctioned, ongoing or completed
01	Dept. of Social Work & Dept of Mass Media	Annual Survey of Education Report	Sept. 2014 (1 month)	Pratham	0.3 Lakhs	completed

Conferences/Workshops Organized:

State Level: 06 National Level: 01

Publications:

Publications*	International	Indian	Total
Research papers in Journals	06	03	09
Research papers in Conference Proceedings	--	03	03
Total	06	06	12

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	03	--

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	06	02	10	02	01	--	21
State	04	01	01	03	--	--	09
National	--	02	02	--	--	--	04
Total	10	05	13	05	01	--	34

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Shivam Yadav	Basketball	Senior National	Basketball Federation of India
Shivam Yadav	Netball	Net Ball National	Netball Federation of India
Aashna Mulla	Senior National Judo Championship	Judo	Goa University
Jolaine Moses	Athletics	West Zone National Athletic Championship	--

Any other Special Achievements of faculty and students:

- Gauri Gharpure – Faculty member attended a training workshop for working Journalists conducted by Christine Tatum, Journalist, CEO of Media Salad USA on promoting citizen Journalism at the US Consulate, Mumbai in August 2014 as part of the US Department alumni mentoring initiative.
- Mitali Rathod from TY was selected from among other candidates across India, for a month long course in “New Media and Journalism” in a US College in a venture initiated by the US Consulate.

5.27 Goa College of Pharmacy, Panaji

Year of Establishment: 1963

College Address: Goa College of Pharmacy, 18th June Road, Panaji, Goa-403001.

Principal's Details:

Name: Dr. Gopalkrishna Rao

Contact No.: 0832-2226883.

Email: gcpprincipal@yahoo.com.

College website: www.gcp.goa.gov.in

Vision and Mission Statement:

Goa College of Pharmacy, a prestigious institute established by the Government of Goa offers Pharmacy Council of India(PCI)/ All India Council for Technical Education (AICTE) approved courses in pharmaceutical technology. This premier institute endeavors to impart advanced technology education in the discipline of Pharmacy in order to synchronize with the motto "EDUCATION WITH EXCELLENCE"

We are committed to:

Develop the institute as a world class learning center.

Provide quality human resource.

Keep the budding pharmacists abreast with the latest advancement in the pharmceual, medical and technological fields.

Collaborate with the industry for sustainable partnership, contract research and development.

Modernize and upgrade the institutional infrastructure.

Impart continuing education programmes to fulfill the needs of working professionals/Non-Government organizations.

Conduct Doctoral and Post Doctoral Programmes in Pharmaceutical and Clinical Practice.

Render community services especially to the rural masses.

Establish linkages with alumni for institutional development.

Our Core Value:

Impart intellectual and value based education with emphasis on Pharmaceutical ethics.

Courses offered and sanctioned strength:

- B. Pharm. - 65,
- M. Pharm. – Quality Assurance -13,
- Pharmacology - 05,
- Pharmacognosy – 10

Faculty strength: 34

Achievements of the College:

- Recognised as Research Centre by Goa University and a total of three candidates have registered for the Ph.D. programme.
- Our institution has been granted **approval for 5 years** by Pharmacy Council of India, New Delhi, for the first time.

Sponsored Research Projects Sanctioned, Ongoing and Completed during June 2014 - May 2015.

No	Name of Investigator /s	Project Title	Date of Sanction and duration	Funding Agency/ Scheme	Amount (Rs.In lakhs)	Specify whether sanctioned ,ongoing or completed.
1.	Dr. Gopalkrishna Rao, Principal & Dr. Sanjay Pai P.N., Professor	Impurity Profiling of Drugs as a Tool for increasing Safety of Drug Therapy.	January 2014. 03 years	AICTE (Research Promotion Scheme)	Rs.22,06,471/-	Ongoing.
2.	Dr. Sanjay Pai P.N., Professor.	Modernization of facilities at Pharmaceutical Analysis Laboratory.	January 2014. 01 year.	AICTE (MODROBS)	Rs.20,00,000/-	Ongoing
3.	Dr. A.B. Joshi, Professor.	Photochemical and Pharmacological investigation of the Plant Desmodium Oojeinense (ROOXB) H. Ohashi.	2013 03 years.	Dept. of Science, Technology & Environment (DSTE), Govt. of Goa. (Research Grant)	Rs.9,00,000/-	Ongoing

Conference/Workshop Organised:

State Level : 03
National Level : 01

Publications:

Sr. No.	Publications	International	Indian	Total
1.	Research papers in Journals.	18	13	31
2.	Research papers in Edited Books.	01	NIL	01
3.	Research papers in Conference Proceedings.	01	NIL	01
4.	Books.	NIL	01	01
	Total :	20	14	34

Papers Presented in Conference/Seminars/Workshop:

Abroad	Within India	Within Goa
02	05	02

Sports Achievements:

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

Details of the Sports Achievements at National and International Level only.

Name of the Student	Name of the event in which participated (sports/games)	Name of the Tournament/Sports event	Name of the organizer
Miss Bernice Rodrigues	65 th Senior Basketball National.	Basketball (National)	Bhilwara, Rajasthan.
Mr. Sagar Dhage	National Deadlift Championship 2015.	National Deadlift Championship 2015.	Punjab.
Mr. Nikhil Jacob	National Deadlift Championship 2015.	National Deadlift Championship 2015.	Punjab.

Awards/Honours:

Name of the faculty member	Title of the Awards/ Honours	Name of Agency/ Institution sponsoring the award.
Dr. Gopalkrishna Rao	<ol style="list-style-type: none"> 1. Conferred the prestigious "Late Kamlaben Vavia Memorial Award - 2014" by APTI in Nov.2014 for outstanding contribution. 2. Nominated as member BoS by RGUHS, Karnataka. 3. Member – Scientific Services Committee, Indian Pharmaceutical Congress. 4. Secretary – IPA, Goa State Branch. Conferred with "Best State Branch-2014" Award by Central IPA. 	<p>Association of Pharmaceutical Teachers of India (APTI). Nominated by RGUHS, Karnataka. Nominated by IPCA. Central IPA.</p>

Any other Special Achievements of faculty & students:

- **Dr. Shailendra S. Gurav:** International Funding from Phytochemical Society of Europe and Phytochemical Society of Asia to deliver oral presentation at International Symposium on Phytochemicals in Medicine and Food (ISPMF-2015) at Shanghai, China – April 2015.

5.28 Goa College of Engineering, Farmagudi

Year of Establishment: 1967

College Address: Farmagudi, Ponda – Goa

Principal's Details:

Name: Dr. V. N. Shet

Contact No.: 0832-2336301

Email: pp1@gec.ac.in

College Website: www.gec.ac.in

Vision and Mission Statement:

Vision: - Set High Academic standards in engineering education and research and accomplish this goal.

Mission: - Establish high quality engineering programmes in partnership with other eminent institute of national importance and train students to become leaders and managers of technology with academic excellence.

Courses offered sanctioned and filled strength:

- B. E. Civil Engg. Sanctioned – 60; Filled-67,
- B. E. Mech Engg. Sanctioned – 60; Filled-66,
- B. E. Electrical & Electronics Engg. Sanctioned – 60; Filled-64,
- B. E. Electronics & Telecommunication Engg. Sanctioned – 60; Filled-63,
- B. E. Computer Engg. Sanctioned – 60; Filled- 64,
- B. E. Information Technology Engg. Sanctioned-60; Filled-63,
- B. E. Mining Engg Sanctioned.- 30; Filled-18,
- M. E. Foundation Engg. Sanctioned – 18; Filled- 12,
- M. E. Industrial Engg. Sanctioned – 18; Filled-18,
- M. E. (ETC) ECI Engg. Sanctioned – 15; Filled- 15,
- M. E. (ETC) Microelectronics Engg. Sanctioned – 15; Filled- 15,
- M.E. Power & Energy Sanctioned – 18; Filled- 12,
- M. E. Computer Sci. Engg. Sanctioned – 18; Filled- 18, InD. Auto. & RF Sanctioned – 18; Filled- 09.

Any new course(s) started: Ph. D. in Civil Engg., Mechanical Engg., Electrical & Electronics Engg., Electronics & Telecommunication Engg., Computer Science & Engg.

Faculty strength: 97

Ongoing Projects/Completed during June 2014-May 2015:

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding Agency	Amount (Rs in Lakhs)
1	Dr. K. G. Guptha & M/s Sociedade De Fomento Industrial Pvt. Ltd	To study utilization of Tailing & Mining waste as building Materials (Bricks.),etc.	23 rd August 2013	----	30
2	Dr. Ulhas Savoikar	Setting up of STP for GEC campus & surrounding areas at Farmagudi	5 th Sept. 2014	----	27

Conferences/ Workshop Organized:

State Level: 08 National level: 09

Details of International Conferences/Workshops organized:01**Mech Dept.** Concepts and Advances in Quality and Reliability Management, TEQIP II, 17th to 28th November 2014.**Publications:**

Publications*	International	Indian	Total
CIVIL			
Research papers in Journals	01	01	02
Research papers in Conference Proceedings	02	--	02
Mechanical Engineering Dept.			
Research Paper in Conference Proceedings	03	--	03
E & E Engineering Dept.			
Research paper in Journals	05	02	07
Research Paper in Conference Proceedings	03	12	15
Computer Engineering Dept.			
Research paper in Journals	05	01	06
Research Paper in Conference Proceedings	06	05	11
ETC Dept.			
Research paper in Journals	02	02	04
Research Paper in Conference Proceedings	24	08	32

Papers Presented in Conference/Seminars/Workshop:

	Abroad	Within India	Within Goa
Civil	03	07	--
Mech	--	03	--
E & E	--	02	02
Computer	--	01	--

Number of teachers who obtained research degree during the year: Ph.D.: 03**Any other Special Achievements of faculty and students:****Civil Dept.:**

Sr. No.	Title of the Programme	Date
1.	Member – Goa state expert Appraisal Committee for Environmental Permissions Dr. Purnanand P. Savoikar	2013-2016

Mechanical Dept. – The prestigious fellowship of Indian Institute of Industrial Engineering (IIIE) was conferred on Dr. Rajesh Suresh PrabhuGaonkar

Dr. Rajesh Suresh PrabhuGaonkar successfully completed five days training programme on Certified Reliability Professional (CRP)

E & E Dept. :- 4 Students of E&E participated in Goa Idea & Innovation Competition Gi2C 2015 for presenting their project titled Safety Helmet.

5.29 Nirmala Institute of Education, Panaji

Year of Establishment: 1963

College Address: Altinho, Panaji – Goa, 403001

Principal's Details:

Name: Dr. Denzil Martins

Contact No: 9850459429

Email: niegoa@gmail.com

College website: www.nirmalainstitute.org

Vision and Mission Statement:

Vision Statement: “The Nirmala Institute of Education forges ahead in its prime endeavor to instill a sense of vocation in teachers and professionals in allied fields; to empower them to achieve their highest potential through a spirit of commitment to standards of excellence and to nurture universal values that will lead to social transformation in the local, national and global context.”

Mission Statement:

To help prospective teachers discover and appreciate their unique vocation in society.

To provide prospective teachers with a stimulating and catalytic environment that is both futuristic in outlook and holistic in perspective for the achievement of excellence.

To provide theoretical knowledge interwoven with a repertoire of pedagogical practices, hands-on teaching experience and the inclusion of technology as a teaching and learning tool.

To nurture in prospective teachers universal values that include a commitment to social justice and an understanding of the strengths and needs of a diverse student population.

To re-vitalize education through partnership with different educational agencies and universities.

To draw out latent talents and creativity through varied co-curricular programmes.

To propagate best practices in education through in-service training programmes organized by the Department of Extension Services as well as through Extra Mural Programmes.

Courses offered, sanctioned and filled strength:

- B. Ed.-Sanctioned-100; Filled-100
- B. Sp. Ed.- Sanctioned 25; Filled-25
- PGD in Guidance & Counselling- Sanctioned-30; Filled-16.

Faculty strength: 12

Achievements of the College: NAAC Accreditation with grade B

Conferences/Workshops Organized:

National Level: **01**

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	--	23

No of teachers who obtained research degree during the year:

Ph.D: 02

5.30 Goa College of Art, Altinho, Panaji

Year of Establishment: 1972

College Address: Altinho, Panaji.

Principal's Details:

Name: Shri Mahesh V. Vengurlekar

Contact No.:2226104

Email: goacollegeofart@gmail.com

Website: goacollegeofart.com

Courses offered and sanctioned strength: B. F. A. (Painting) - 20, B. F. A. (Applied Art) 30.

Faculty strength: 11

Conferences/Workshops Organised:

State Level:04

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

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate (Best Physique-Men)	01	--	01	--	--	--	02
Inter-collegiate (Swimming-Women)	01	--	--	--	--	--	01

Any other information:-

Goa College of Art had the honour of designing and creating panels of artworks and installations for the New Terminal at the Dabolim Airport, Goa. The teaching faculty, present and past students of our Institution worked together in teams to prepare these artworks.

Sports achievement:

- In January Annapoona Mallya has participated in Judo at the International Lusofonia Games held in Goa.

5.31 V. M. Salgaocar College of Law, Miramar

Year of Establishment: 1973

College Address: P.O. Caranzalem, Miramar - Panjim, Goa, 403 002

Principal's details:

Name: Dr. M. R. K. Prasad

Contact No: 0832-22462225

Email: prasadmandav@gmail.com

College Website: www.vmslaw.edu

Vision & Mission Statement: Let justice be done though the heavens may fall and Excellence in legal education in pursuit of justice and service to humanity.

Courses offered: B. A. LL.B. /LL.B.(Hons) and LL.M.-340, LL.B.(Degree)- 348
LL.M. – 86, Ph.D. – 19

Any new courses started: Diploma in Civil Law

Faculty strength: 11

Conferences/workshops organized:

State level:01 National level:02

Publications:

Publications*	International	Indian	Total
Research papers in Journals	03	06	09
Research papers In Edited Books	--	15	15
Research papers in Conference Proceedings	--	03	03
Total	03	24	27

Papers presented in Conference/Seminars/Workshops:

Abroad: -- within India: 03 within Goa: 03

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	10	11	06	04	05	--	36
National	--	--	--	01	--	--	01
Total	10	11	06	05	05	--	37

Details of the Sports Achievements at National and International Level only :

Name of the Student	Name of Event	Name of Tournament	Name of Organizer
1. Aniket Shenai 2. Amit Kale 3. Sagar Naik & 4. Kewal Sawant	Badminton (Men)	National Level	National Law School Bangalore.

Any other Special Achievements of faculty and students :

- Team comprising of Nrapen Sankar Acharya, Nigel Fernandes, Amogh Arlekar, Ankita Kamat and Simone Correa was ranked the 7th position in the Mediation Rounds at the International ADR Moot Court 2014 held at City University, Hong Kong. Nigel Fernandes was adjudged as the Best Client and Nrapen Sankar Acharya secured 6th position as Mediator.
- The College participated in the ICC International Commercial Mediation 2015 held at Paris, France in 6th – 11th February 2015. The team comprised of Gracious Timothy, Ashish Kuncolienar, Nrapen Shanker Acharya and Nihal Pramod Kamat. The team reached 8th Place at the Finals and was ranked 3rd among the 16 Law Schools which participated. V.M.Salgaocar College of Law was the only Law School from Asia in the Top 16.
- Abhishek Sawant and Jonathan Rodrigues secured the 2nd Place at the Louis M Brown International Client Counselling Competition national Round held at National Law School, Delhi on 21st and 22nd February, 2015.
- Team comprising of Elton Furtado, John Samuel and ShubhamPriolkar reached the 8th position in the INADR International Mediation Competition 2014 held at NLIU, Bhopal.
- The team comprising of Vrushika Kauthankar, Vaishali Mahatao, Ketaki Deshapande qualified for the Final Rounds and was ranked 3rd in the XV National Moot Court Competition 2015 organized by M. P. Law College, Aurangabad held on 24th – 25th January 2015.
- The team comprising Tsunami, Lakshmi Kolamkar, Chenoa D' Costa & Marilyn Alwares qualified for the Final Round at the Kayasth 15th Moot Court Competition (State of Maharashtra & Goa) organized by N.S.Soti Law College, Sangli held on 27th February 2015.
- Nilkant Gharkar, Abigail Fernandes & Malvika Maulingkar reached the Quarter Finals at the SVKM National Trial Advocacy and Judgment Writing Competition 2014 organised by Pravin Gandhi College of Law, Mumbai held on 24th-28th September 2014.
- Abhishek Sawant and Sanat Kamat secured Third Place in the Kerala Law Academy National Client Counselling Competition 2015.
- Abhishek Sawant and Jonathan Rodrigues secured Runners in National Rounds of Louis M. Brown and Forest Moston International Client Consultation Competition at Bangalore 2015.

5.32 Govind Ramnath Kare College of Law, Margao

Year of Establishment: 1979.

College Address: P. O. Box No. 777, Tansor, Comba, Margao-Goa, 403601

Principal's Details:

Name: Arun Sazu Nadkarni

Contact No: 9850455385

E-mail: principal.grkcl@vvm.edu.in

College website: www.grkarelaw.edu.in.

Vision and Mission Statement:

Vision – To be a centre of excellence providing quality legal education and to develop professionalism with social commitment

Mission – To lead the way in legal education through innovative teaching and learning experiences and to create legal professionals with qualities of commitment towards society, social justice and ethical values.

Courses offered and sanctioned strength:

- L.L.B. (Degree) – sanctioned-300; Filled- 165,
- L.L.B. (Hons.) – sanctioned-300; Filled- 175,
- LLM – sanctioned-80; Filled- 41.

Faculty Strength: 06.

Papers presented in Conferences/Seminars/Workshops: Within Goa: 02

5.33 Goa Dental College and Hospital, Bambolim

Year of Establishment: 1980

College Address: Goa Dental College & Hospital, Bambolim Goa: - 403 202.

Principal's Details: Dr. Anita Spadigam, Timnath-Serah, 178 B, Nagali Hills Colony, P.O. Dona Paula Goa:- 403 004.

College Website: <http://gdch.goa.gov.in>

Courses offered & sanctioned strength: BDS – 40 seats. MDS 15 seats

Faculty strength: 36

Conference/Workshop Organized:

Department of periodontics State Level:01

Dept. Of conservative dentistry & endodontics National Level: 03

Public Health Dentistry Within India : 01

Department of prosthodontics

Within India: 06

Within Goa: 09

Publications:

Publications	International	Indian	Total
Dept. of Oral Medicine & Radiology	7	14	21
Dept. of Periodontics	2	--	02
Dept. of Conservative Dentistry	7	3	10
Dept. of Prosthodontics	2	17	19

Papers presented in Conferences/Seminars/Workshops:-

	Abroad	Within India	Within Goa
Dept. of Periodontics	--	01	--
Dept. of Conservative Dentistry	--	01	--
Dept. of Prosthodontics	--	06	09
Dept. of Public Health Dentistry	--	01	--

Award/Honours:

Names of the faculty members	Title of the Awards/Honours	Name of Agency Institution sponsoring the award
Sandeep Lawande, Lecturer in Periodontics	“Raashtriya Samata Fellowship Award”	National level award in recognition of meritorious achievements in the field of Dentistry presented in January, 2015 at Nasik, Maharashtra by YUVASHAKTI
Dr.Ridhima Gaunkar Lecturer, Dept. of Public Health Dentistry	Best Abstract and Best paper award at National Conference of IAPHD from 20 th to 22 nd November, 2014	Indian Association of Public Health Dentistry

Any other Special Achievements of faculty and students:**Dept.Of Oral Medicine & Radiology****Award/Prizes Won by Students**

- “Comparison of Chronological, Dental and Skeletal Age’ by Dr.Sheetal Rangaiya, 3rdYear M.D.S.won the Second PRIZE for the Paper Presentation at 12th National Conference of the Indian Association of Forensic Odontology organized by the Indian Association of Forensic Odontology in collaboration with the Dept. of Oral Pathology, Saraswati Dental College, Lucknow from 20th 21st September, 2014.
- “Evidence based treatment of Post Radiation Xerostomia” by Dr. MayurDhameliya, 2nd year M.D.S. won a Consolation prize for the poster presentation at XXVI National Conference of the Indian Academy of Oral Medicine & Radiology organized by Indian Academy of Oral Medicine & Radiology, Yenapoya University, Mangalore from 20th to 23rd November, 2014.

Dept. Of conservative dentistry

Award/Prizes Won by Faculty: Dr. Rajdeep Pavaskar was the winner at the DST-Lockheed Martin India Innovation growth program, which is a joint initiative by the Dept. of Science and Technology, FICCI, Indo-US Science and Technology forum, The Silicon Valley, IC2 Institute-University of Texas and Standford Graduate School of Business. He was part of the Indian Delegation of Innovators and Technology led Enterprises to United States in September 2014. He has appointed as a mentor and Brand Manager for the DST-Lockheed Martin Indian Innovation Growth program from FY 2015.

5.34 Goa College of Architecture, Altinho, Panaji

Year of Establishment: 1982

College Address: Goa College of Architecture, Altinho, Panaji, Goa.

Principal's Details:

Name: Dr. A. K. Rege

Contact No: 091 (0832)2227144, 2436435

Email: arch.principal@unigoa.ac.in

College website: <http://gcarch.goa.gov.in> & Email ID- gca.principal@gmail.com

Vision and Mission Statement:

Vision: To establish a cultural climate to promote and encourage learning attitude within the college community and to initiate a process for establishing of a language of architecture that is relevant to Goa in this millennium.

Mission:

1. To educate the students in the subjects of architecture with in the given cultural context.

2. To equip them with the knowledge and skills required to make meaningful, innovative and appropriate interventions in to the environment through building design.

3. To instill in them the competence and confidence to enable them to contribute in innovative and constructive ways to the development of Goa and India.

The Citizen's Charter gives insight in to our VISION FOR THE FUTURE, the STRATEGY for the development and the FACILITIES available in the institute.

Our aim is to take the location advantage of Goa and embark upon an expansion program.

Courses offered, sanctioned and filled strength: Bachelors in Architecture (5 years degree course), Sanctioned strength 40 (+4), Filled strength 40.

Faculty strength: 11, Adjunct Professors:03, Contractual Faculty: 04

Achievements of the College:

- Renewal of the Academic Chair with Prof. Neelkanth Chhaya (the Ex-Dean of School of Architecture, CEPT) appointed for the next 3 years.

Conferences/Workshops Organized:

State Level:03

National Level: 02

Working Paper Series 2014-15 of Goa College of Architecture : A technical Publication based of Dissertation in Architecture. This was released at the hands of Prof. Uday Gadkari, the National President of Council of Architecture in our annual function 'Arch Expo-2015' held at Kala Academy.

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
01	01	01

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

- The MoU for Collaboration in the field of Architecture was signed between the Padova University, Italy (represented by the rector) and the Goa University represented by the Registrar, Prof. Vijayendra Kamat in the month of February 2015 in the presence of the Vice Chancellor Dr. Satish Shetye and Shri Shrinivas Dempo, the Vice Consul for Italian Consulate in India. Various programmes such as exchange of students and faculty, joint programmes etc. shall be planned, which will be Co-ordinated by Prof. Edoardo Narne from DICEA and Prof. Ashish K. Rege, Principal, Goa College of Architecture.
- Prof. Ashish K. Rege, Principal, Goa College of Architecture is representing the goa States as the Nominated Member on the National Council of Architecture, New Delhi.
- Prof. Ashish K. Rege, Principal, is appointed by the AICTE as the member of the all India Board in Architecture, which is the apex national level body for policy making.

5.35 Goa College of Music, Altinho, Panaji

Year of Establishment: 1987

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

Principal's Details:

Name : Shri Manab Das (Offtg. Principal)

Contact No.: 2232507/2432528

Email : goacollegeofmusic@gmail.com

Vision and Mission Statement:

The main function of the College is to impart full time professional training in Hindustani Classical Vocal and Instrumental Music. It has aimed to provide a specialized training to the music students in all important aspects of music with a special emphasize on developing his/her performing ability to the professional standard. To start post graduation in the subject of Tabla.To start short term courses in different related aspects of Indian Music.

Courses offered, sanctioned and filled strength:

- Foundation Course – 15,
- Bachelor of Performing Arts – 20,
- Master Performing Arts – 6.

Faculty strength: 06

5.36 Institute of Nursing Education, Bambolim

Year of Establishment: 1993.

College Address: Institute of Nursing Education, Opp Military Workshop, Bambolim-Goa.

Principal's Details:

Name: Mrs. Carol Noronha

Contact No. : 7798142248

Email: principal-ine.goa@nic.in

College website: www.dhsgoa.gov.in

Vision and Mission :

Believes that the core of nursing is the individual (sick or well)/family and community, therefore the nursing education programme run at the Institute of Nursing Education should primarily focus on meeting the health needs of the individual/ family/community.

Agrees that care is vital to the maintenance of a healthy life practice and to the recovery from illness/disease and though caring is universal - the expression, of caring is to be adapted to the cultural context of the individual/family.

Believes that effective communication is an essential basis for efficient client care and is imperative in public dealing.

Is of the opinion that the students can be developed as change agents, irrespective of their socio-economic background and cultural orientation.

Believes that education is a continuous learning process and that nursing education involves imparting nursing theory, development of skills and attitudes that assist students to perform her/his duties and assume professional responsibility and accountability as registered nurses.

Recognizes that optimum learning can occur in a stimulating, supportive environment in which frequent feedback motivates students to excel.

Agrees that efficiency in the teaching-learning process is enhanced by teacher's regularly updating their knowledge through participation in in-service-education programmes and other educational forums.

Believes that the curriculum should meet the changing health needs of society and hence needs to be reviewed regularly.

Courses offered, sanctioned and filled strength: B. Sc (Nursing Programme)-sanctioned-100; filled-100, B. Sc (Nursing Programme) - sanctioned-25; filled-13.

Any new course(s) started: M. Sc Nursing program started from October 2014

Faculty Strength: - 28

Conferences/Workshops Organised: - State Level:01

Publications:

Publications	Foreign	Indian
Research papers in journal	1	1
Research papers in Conference Proceedings	--	2
Total	1	3

No. of teachers who obtained research degree during the year

M. Phil	Ph. D
01	--

5.37 G. V. M's Dr. Dada Vaidya College of Education, Ponda

Year of Establishment:- 1993

College Address:- Farmagudi Ponda Goa 403 401

Principal's Details:

Name: Dr. Allan J. Abreo

Contact No. : 9422058395, 0832-2335089

Email: gvm.educol@gmail.com

College website: www.gvmcollege.com

Vision and Mission Statement:

Vision: We are committed to the professional development of teachers, both pre-service and in-service, for reflective, constructive and value-based teaching-learning employing both insight and technology within the ambit of the native socio-cultural perspective.

Mission: To achieve excellence in the professional development of teachers through:
Developing committed, technology savvy, value-based and research oriented teaching professionals.

Initiating them to lifelong learning and to innovative, interactive, activity-oriented and child-centred classroom teaching.

Training them to create an environment in educational and social milieus that would promote communication, cultural diversity and national integration

Orienting them to the service of the community for its educational and socio-cultural resurgence.

Courses offered & sanctioned and filled strength: Course: B.Ed. - 100

Faculty strength: 10

Sponsored Research Projects sanctioned, Ongoing and Completed during June 2014 and May 2015.

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.	Shri Sunil Kumar	Minor Research Project	24-3-2015 Two year	UGC	80000/-	Ongoing
2.	Shri Ajay Gaude	Minor Research Project	30-3-2015 Two year	UGC	62000/-	Ongoing

Publications:

Publications*	International	Indian	Total
Research Papers in Journals	--	02	02
Research Papers in Conference Proceedings	01	08	09
Total	01	10	11

Papers presented in Conference/Seminars/Workshops:

Within India: 10

within Goa: 03

5.38 B. S. P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda

Year of Establishment: 1993

College Address: Vajem, Shiroda – Goa. 403103.

Principal's Details:

Name: Dr. Anura P. Bale

Contact No. :9822589751

Email: baleanura@rediffmail.com

College website: www.gamrc.org

Vision and Mission Statement: To provide the best opportunity to choose Ayurveda as a career to serve the society and the nation for a fascinating future ahead.

Courses offered, sanctioned and filled strength:

B.A.M.S. -Bachelor of Ayurveda Medicine and Surgery (Ayurvedacharya), 60 Seats

Faculty strength: 35

Sponsored Research Projects sanctioned ongoing and completed during June 2014 and May 2015 (Not to include if the sanctioned project period is over and the project is still going on).

Sr. No.	Name of Investigator/s	Project Title	Date of Sanction and duration	Funding agency	Amount (Rs in Lakhs)	Specify whether sanctioned ongoing or completed
01	Dr. Sangram Keshari Das	Establishment of Herbal Garden	18.03.15 F.No.-Z 18017/188/ CSS/HG/GOA -01/2014-15 1 year	National Medicinal Plant Board, New Delhi	2 Lakhs	Ongoing

Conferences/workshops organized: State level: **01**

Publications: (Only publications in ISSN/ISBN Journals/books)

Publications *	International	Indian	Total
Research papers in journals	04	04	08
Books	-----	02	02
Total	04	06	10

Papers presented in conference/Seminar/ Workshops: Within Goa: **02**

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

Awards/Honours:

Name of the faculty member	Title of the awards/ Honours	Name of Agency/ Institution sponsoring the award.
Dr. Anura P. Bale	Fellowship Award	All India Sharir Research Institute, Lucknow.
Dr. Neelesh Korde	Fellowship Award	All India Sharir Research Institute, Lucknow.
Dr. Pranav Bhagwat	Bhuvaneshwari Seva Chundamani Award	Bhuvaneshwari Seva Partishthan, Gujarat.

Sports Achievements:

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

Details of the Sports Achievements at National and International Level only :

Name of the student	Name of the event in which participated (sports/ games)	Name of the tournament/ sports event with date	Name of the organizer
Mast. Ajay P. Yadav	Archery	35 th Sub-Junior National Archery Championship 2014-15 on 20 th to 26 th Jan.,2015	SPSB,TATA Steel & JAA with AII, Jarkhand.

5.39 Goa Medical College, Bambolim**Year of Establishment:1963.****College Address:** Bambolim-Goa, 403 202**Principal's Details:****Name:** Dr. Pradep G. Naik**Contact No:** 0832-2458727**E-mail:** dr.naikp@gmail.com**Website:** www.gmc.goa.gov.in

Course offered and sanctioned strength: Anatomy MS – 2, Physiology MD – 3, Biochemistry MD-3, Pharmacology MD – 2, Pathology MD -3, Microbiology MD – 3, Forensic Medicine MD -2 ; Preventive & Social Medicine MD – 2; General Medicine MD – 5, General Surgery MS -6, Obstetrics & Gynaecology MD -5; Anesthesiology MD -4; Orthopedics MS -3, Ophthalmology MS -3, Pediatrics MD -3; Skin & V.D. MD – 1; Radio Diagnosis MD -2; Psychological Medicine MD -2; Pulmonary Medicine MD-3, ENT -59.

Faculty strength: Anatomy:11, Physiology:9, Biochemistry:8, Pharmacology:11, Pathology:18, Microbiology:8, Forensic Medicine:10, PSM:16, Gen. Medicine:18, Gen. Surgery:9, OBG:9, Anaesthesiology:14, Orthopaedics:6, Ophthalmology:5, Paediatrics:9, Skin & VD:4, Radiodiagnosis:6, Psychological Medicine:7, Pulmonary Medicine:7, ENT:6, Neurosurgery:4.

Achievements of the College:

Preventive & Social Medicine - A study sponsored by University of Pittsburg on depression of the elderly is under process.

General Medicine-

1. The Cardiac Cath lab was started on 18th February 2014 and all cardiac procedures and surgeries were functional by mid March.
They are continuing great service to society.
2. The Geriatric OPD, better known as the senior citizens OPD was started on the first Saturday, 5th September 2015.
3. Twelve renal transplants were completed by the Nephrology team associated with the Urology team.

Sponsored Research Projects sanctioned between June 2013 and May 2014.

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
Department of Preventive and Social Medicine						
1.	Dr. DD Motghare, Dr. Pradeep Naik, Vidal D'Souza, Dr. M. S. Kulkarni	"Sentinel surveillance unbdner National Blindness Control Program"	August 2001	National Programme for Control of Blindness Government of India	Rs. 3 lakhs	
2.	Dr. DD Motghare, Dr. AM Ferreira , Dr. V. G. Pinto	"Goa State Monitoring Unit For Integrated Child Development Services	2008-2009	National Institute of Public Cooperation Child Development (NIPCCD) Government of India	Rs. Nil	

Department of General Medicine						
3.	Dr. Ankush Dessai. Local PI	“Developing and Testing Integrated, Multi-factorial Cardiovascular Disease Risk Reduction Strategies in South Asia (CARRS Translation Trial)”		National Heart Lung and Blood Institute, National Institutes of Health, USA		
4.	Dr. Edwin Gomes. Local PI	“Malaria Evolution in South Asia/sept. 2010 to August 2017”	National Institute of Health, USA			

Conferences/ Workshop Organized:

Department	State Level	National Level
Microbiology	-	1
PSM	2	6
Surgery	1	-
Obst. & Gynaecology	1	-
Anaesthesiology	1	-
Orthopaedics	1	-
Paediatrics	1	3
Psychiatry	1	1
Pulmonary Medicine	1	-

Details of International Conferences/Workshops organized:

- Some of the teaching staff of the Department of Medicine along with the Department of Cardiology was involved in the organizing of the Gimacon and Gomecon 2015 conference, specially the scientific section.

Publications:

Publications*	International	Indian	Total
Research papers in journals	2-Biochemistry 8- Pharmacology 3- Microbiology 4- PSM 5- Surgery 1-OBG 2-Anaesthesiology 2- Skin 3- Psychiatry 3-ENT 3-Medicine	4- Forensic Medicine 5- PSM 3-Surgery 1- OBG 4-Anaesthesiology 14-Skin 1-Psychiatry 3-ENT 3-Medicine	74

Research papers in Edited Books			-
Research papers in Conference Proceeding			-
Books		1-Pharmacolgy 1-Microbiolgy 1-Anaesthesiology	3
Total	36	41	77

Papers presented in Conferences/ Seminars/Workshops:

Abroad	Within India	Within Goa
1-PSM 1-Pulmonary Medicine	1-Anatomy 1-Physiology 1-Forensic Medicine 1-PSM 4-Anaesthesiology 5-Skin 4-Pulmonar Medicine 5-Ophthalmology	1-Surgery 4-Anaesthesiolgy 12-Ophathalmology

Awards/Honours:

Name of the faculty member	Title of the Awards/Honours	Name of Agency /Institution sponsoring the award.
Departmen of Pharmacolgy	S.S. Lahiri Trophy for the best Inter-departmental search for the year 2014	Goa Medical College
Dr. P.V. Rataboli, Pharmacology	“ Indian Achievers Award” for the year 2014	International Publishing house, New Delhi
Dr. Jagadish Cacodcar, PSM	1.National Award as Best IMA State President 2.S. Radhakrishnan Medical Teacher Award	Indian Medical Association. All India Association of Free Lancing reporters and writers
Dr. Amit Dias, PSM	Public Health Leadership (Fellowship)	Emory University Atlanta.
Dr. Umesh Kamat, PSM	Diabeties Education Innovation Award	National Conclave of Research Soceity.
Dr. Pradep G. Naik, Ophthalmology	1.IMA Goa State Award 2.IMA National Award for Community Serice in individual categories	IMA Goa chapter IMA Headquarters, New Delhi
Dr. Durga Lawande, Pulmonary Medicine	2 nd prize	Indian Chest Society NAPCON 2014

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-Collegiate		Athletics Pole Vault	1. Swimming 50m. Free Style 2. 50m. Back Stroke 3. Athletics Triple Jump			Chess	5
State	Kumite (karate)	Kata (karate)					
Inter-University							
National	Kata Team (karate)	-	1. Kata (karate) 2. Kumite (karate)				
Total	2	2	5			1	10

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Suyash Govekar	1 st place team Kata	3 rd National Karate Championship on 4 th & 5 th July 2015	Shotokan Karate do Goa
Suyash Govekar	3 rd place Kata	3 rd National Karate Championship on 4 th & 5 th July 2015	Shotokan Karate do Goa
Suyash Govekar	3 rd place Kumite	3 rd National Karate Championship on 4 th & 5 th July 2015	Shotokan Karate do Goa

ONGOING RESEARCH PROJECTS:

1. Co-relates of Psychiatric Co-Morbidity in BPAD patients in IPHB.
2. Psychiatric co-morbidities in patients of Schizophrenia (Thesis)
3. Outcome of an Alcoholic Patient in a Tertiary Health Care Centre
4. Psychiatric Co-morbidity among cancer in patients in the Department of Surgery in a Tertiary Care Hospital in Goa.

5.40 Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda

Year of Establishment: 1998

College Address: "Shiv-Shail", Shiroda, Goa – 403 103.

Principal's Details:

Name: Dr. S. D. Naik

Contact No.: (O) 0832-2306842/2307441, (M) 09764264600

Email: drsdnaik01@gmail.com

College Website: www.homoeopathycollegegoa.org.in

Vision & Mission Statement: Vision: To achieve excellence in Homoeopathic Education with Research and service to Humanity in Health care.

Mission:

- i. To Stimulate the Academic Environment in the institution for promotion of quality teaching, learning and research in homoeopathy.
- ii. To develop this institution as a centre of excellence in education and research.
- iii. To inculcate skill base clinical training practices that exemplifies excellence in health care with global standards.
- iv. To make homoeopathy the defining mode of treatment in health care in the society.
- v. Service to the society with human touch and moral values.

Courses offered: BHMS – Degree Course-50

Faculty Strength: 32

Achievements of the College:

Three weeks clinical Training Programme for delegates of Switzerland Homoeopathic Institution under the MOU with SKHMC&H

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	07	--

5.41 National Institute of Hydrography, Vasco-Da-Gama

Year of Establishment: 1978.

College Address: National Institute of Hydrography, c/o Headquarters, Goa Naval Area, Vasco-da-Gama 403 802

Principal's Details:

Name: Capt. TP Mahato

Contact No.:0832-2582800

Email:info-nih.goa@nic.in

Website:www.nihgoa.gov.in

Vision and Mission Statement: To impart Training in the field of Hydrographic Surveying in accordance with extant training policies of Indian Navy and the latest trends in the field, so as to enable trainees undertake Hydrographic surveys with efficiency and confidence.

Courses offered and sanctioned strength: M. Sc. (Hydrography) (Foreign and Indian Naval Officers)-15.

Faculty Strength: Officers-09, Sailors-25

Any new course(s) started: 1. PG Diploma in Hydrography
2. PG Certificate in Hydrography

Conference/ seminars/ workshop Organised:03

5.42 Padre Conceicao College of Engineering, Verna

Year of Establishment: 1997.

College Address: Padre Conceicao College of Engineering, Verna, Goa.403 722

Principal's details

Name: Luis C. Mesquita

Contact No.: 0832-2791266 Extn 101

Email: principal@pccgoa.org

Website:www.pccgoa.org

VISION AND MISSION STATEMENT:

Vision:

To grow into a Centre of Excellence in Engineering Education and Research and promote Padre Conceicao College of Engineering brand of engineers well known for their competence and integrity.

Mission:

To provide excellent infrastructure in terms of faculty, laboratories, library and other facilities required for curricular and extra-curricular activities. To provide the best work culture and academic ambience with avenues for all-round personality development of students. To work closely with industry and other organizations involved in nation building and societal development. To continue to remain in the forefront as an institution of first preference for all its stakeholders.

Courses offered and sanctioned & filled strength:

- Bachelor of Computer Engineering – 63, **filled-61**;
- Bachelor of Electronics and Telecommunication Engineering – 63, **filled- 62**;
- Bachelor of Mechanical Engineering – 63, **filled-60**;
- Bachelor of Information Technology – 63, **filled-34**;
- Master of Engineering in Information Technology–18, **filled-18**.

** 5% additional intake against AICTE Tuition Fee Waiver scheme for women, economically backward and physically handicapped meritorious students.*

Faculty strength:44.

Teachers deputed for higher studies under FIP: 01

Conferences/Workshops Organised:04

Publications:

Publications*	Department	International	Indian	Total
Research Papers in Journals	Mechanical	03	--	03
Research Papers in Conference Proceedings	Mechanical	02	--	02
Books	Mechanical	05	--	05
Research Papers in Conference Proceedings	Computer	03		03
Research Papers in Journals	ETC	08	--	08
Research Papers in Journals	Information Technology	01	--	01
Research Papers in Conference Proceedings	Information Technology	03	--	03

Papers presented in Conferences/Seminars/Workshops:

Abroad: 01

within India: 08

within Goa: 08

No. of teachers who obtained Research Degree during the year: Ph.D.:02

Sports Achievements:

Levels of competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Intercollegiate	01	01	02	01	--	01	06
Inter-University	01	--	--	--	--	--	01
Total	02	01	02	01	--	01	07

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Umang Kaisary	Chess	West Zone Inter University October 2014	Association of Indian Universities

Adrian Almeida	Chess	West Zone Inter University October 2014	Association of Indian Universities
Hitesh Sharma	Basketball (M)	Senior Basketball Nationals December 2014	Basketball Federation of India
Nidhi Mishra	Basketball (W)	Senior Basketball Nationals December 2014	Basketball Federation of India
Umang Kaisary	Chess	All India National Level Chess Tournament	Goa Chess Association

Any other Special Achievements of Faculty and Students:

Team Pacers Racing (TPR) a group of 25 young Engineers-to be from PCCE, won the National Gp Kart Championship (NGKC) 2014 held at Kari Motor Speedway, Coimbatore from Oct.17 to Oct. 19, 2014.

5.43 V. V. M's H. M. N. Gaunekar Institute of Management Training And Research, Comba, Margao

Year of Establishment: 1981

College Address: Shree Damodar College Complex, Govind Ramnath Kare Road
P.O. Box 413, Tansor, Comba, Margao- Goa 403 601

Principal's Details:

Name: Atul Shah (Director)

Contact No: 6482030/2732663,9823617362

Email: imtrgoa@gmail.com, atulkiran@rediffmail.com

College Website: www.imtrgoa.com

Vision and Mission Statement:

Vision: To be the foremost Institute imparting Training for the working sector in the Country.

Mission:To provide avenues for education and training for adults and working professionals to enhance personal and Organizational effectiveness and increase job satisfaction.

Faculty Strength:01

Conferences/Workshops Organized:07

Achievements of the College:

The Institute conducted several programmes for the senior IFS Officers from all over the Country, sponsored by the Ministry of Environment & Forests (MoEF), Government of India. The Institute also conducted programmes for the Scientists & Technologists from all over the Country, sponsored by the Ministry of Science & Technology, Government of India. The Institute conducted a wide range of programmes for Private & Government Organisations all over Goa.

5.44 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda

Year of Establishment: 2001

College Address: Shivshail, Karai, Shiroda Goa 403 103

Principal's Details:

Name: Prof.(Dr.)Surendra Rahamatkar

Contact No: 0832 2307001, 2307032

Email: principal.ritgoa@gmail.com

Website: www.ritgoa.ac.in

Vision and Mission Statement:

Vision: To be competent leaders in professional education with an emphasis in moulding the students as global professionals with sound technical knowledge, values and ethics for the benefit of the society.

Mission: To achieve academic excellence in technical education by creating a dynamic learning atmosphere through the state of the art infrastructure with qualified and committed staff, promoting research and development, best practices, implementing innovation technology in education and training, motivating the students to become successful competent engineering professionals to face the rapid challenges in technical development and industrial economic growth.

Courses offered and Sanctioned strength:

- Electronics & Telecommunication Engineering–Sanctioned - 63, filled - 62;
- Computer Engineering–63, filled - 62;
- Information Technology – 63, filled - 58.

Faculty Strength: 43.

Details of International Conferences/Workshops organized: 02

Publications:

Publications*	International	Indian	Total
Research papers in journals	45	01	46
Research papers in Conference Proceedings	Nil	02	02
Total	45	03	48

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
Nil	03	14

Awards/Honours:

Name of the Faculty	Title of the Awards/Honours	Name of Agency/Institution sponsoring the award
Dr. Surendra Rahamatkar	Global Achievers Award	Citizens Integration Peace Society
Mr. K. M. Chaman Kumar	Infosys Campus Connect Bronze Level Partner	Infosys India Ltd.

Sports Achievements:

Levels of Competition	Individual Event			Team Event			Total
	First Place	Second Place	Third Place	First Place	Second Place	Third Place	
Inter-collegiate	-	-	04	-	-	-	04
Total	-	-	04	-	-	-	04

Details of the Sports Achievements at National and International Level only :

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament /sports event with date	Name of the organizer
Mr. Akash Sharma	05 th Junior National Hockey Championship 2015 (Men)	05 th Junior National Hockey Championship 2015 (Men) Mysore Karnataka 01 April to 22 April 2015	Hockey India

5.45 P. E. S. College of Education, Farmagudi, Ponda

Name of the College: P. E. S.'s College of Education & Research

Year of Establishment: 2004.

College Address: P.O.Box No. 3, Farmagudi, Ponda Goa 403 401.

Principal's Details:

Name: Dr. Geeta Mahadevan Iyer

Contact No.: 9970820138

E-mail : iyermgeetayahoo.co.in

Vision and Mission Statement: Community Enlightenment through Progressive, Prospective and Quality Education

Courses offered and Sanctioned strength: B. Ed. - 100.

Faculty Strength:

Full time:3 Contract basis:2

5.46 Victor Medical & Research Foundation's College of Nursing Margao

Year of Establishment: 2005

College Address: VMRF College of Nursing, Malbhat, Margao, Goa.

Principal's Details:

Name: Mrs. Vendy Pimenta(offctg. Principal)

Contact No.: 0832-2720071/ 2720062

Email: vmrf_college@yahoo.co.in

College Website: www.goanursing.com

Vision and Mission Statement: To prepare nursing graduates who are capable of providing holistic, quality nursing care anywhere in the world without any discrimination.

Courses offered & Sanctioned Strength: (Basic) B.Sc Nursing-30 (4 years course) : 30 seats per annum (course is being discontinued, college had only 3 batches of students for the academic year 2014-15. No new batch was admitted.

Faculty strength: 12

Conferences / Workshops Organized:02

5.47 Vrundavan Institutes of Nursing Education, Colvale, Bardez- Goa.

Year of Establishment: 2007.

College Address: Near Binani Glass Fibre Pvt. Ltd.,
Mushir Wado, Colvale, Bardez-Goa.403 513.

Principal's Details:

Name: Ms. B. G. Bhavani

Contact No.:+919619198309, 0832-3260844

Email:bhavanig70@yahoo.com, vinegoa@yahoo.com

College Website:www.vrundavaninstituteofnursing.com

Vision and Mission Statement: To prepare service oriented nurses to provide quality health care.

Course offered and sanctioned strength: B. Sc. Nursing - 40.

Faculty strength: 12

5.48 Institute of Psychiatry and Human Behaviour, Bambolim

Year of Establishment: 1980.

College Address: Institute of Psychiatry and Human Behaviour, Bambolim, Goa.

Principal's Details:

Name: Dr. Pradeep G. Naik,

Contact No:9822127480

Email:dr.naik.p@gmail.com

College Website: www.iphb.goa.gov.in

Courses offered, sanctioned and filled strength: MD (Psychiatry)-2 years

Diploma in Psychological Medicine

Lectures for Psychiatry for MBBS students under UG curriculum.

Faculty strength: 7

Conferences/Workshops Organised: State Level:01 National Level:01

Conference/ seminars/ workshop Attended:02

Publications:

Publications*	International	Indian	Total
Research papers in Journals	03	01	04
Total	03	01	04

5.49 P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda.

Year of Establishment: 2007

College Address: Farmagudi, Ponda Goa 403 401

Principal's Details:

Name: Dr. S. N. Mamle Desai

Contact No: 8390773995

Email: smamledesai@rediffmail.com

College website: www.pespharma.in

Vision and Mission Statement: Our Mission :-The Mission is to provide a supportive environment for pharmacy education, training and research programs in Pharmaceutical Sciences and Practice at undergraduate, postgraduate and doctoral level to motivate the students for becoming key professionals to serve profession of pharmacy through effective teaching – learning process, enhancing quality of pharmaceutical education, encouraging innovations and research, inculcating problem-solving approach and leadership skills in students to provide service to community, profession and the nation.

Vision: Our vision is to become centre of excellence in Pharmaceutical education, research and technologies.

Courses offered, Sanctioned & filled strength: First year B.Pharm, Sanctioned strength is 60+(3 AICTE Tuition Fee Waiver Scheme), Filled strength=63,

Second year B.Pharm, sanctioned strength is 63 (of 1st year B.Pharm) + 12 seats directly admitted to S.Y. B.Pharm who have passed out Diploma in Pharmacy-total 75 seats & M.Pharm in Pharmaceutical Chemistry- sanctioned strength is 18 seats while filled strength is 16 seats and M.Pharm in Pharmaceutics- sanctioned strength is 18 seats while filled strength is 15 seats.

Faculty Strength:17

Publications: (only publications in ISSN/ISBN journals/books)

Publications*	Foreign	Indian
Research papers in journals	02	03
Total	02	03

Papers presented in conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
02 (01)	02 (02)	(04)

5.50 Don Bosco College of Engineering, Fatorda, Margao

Year of Establishment: 2011

College Address: Fatorda, Margao, Goa 403602

Principal's Details:

Name: Dr. Jay Bhatnagar

Contact No: 088779614841

Email: principal@dbcegoa.ac.in

College website: www.dbcegoa.ac.in

Vision and Mission Statement:

Vision Statement: The Salesian community of Don Bosco, Fatorda becomes a point of reference for all Youth, especially of the neighbourhood, where Youth will see and receive assistance with regard to their integral development (more than a centre for recreation). A place also for spiritual animation, vocation guidance, counseling, recruitment services, technical, leadership skills. Making Youth Evangelizers of youth.

Mission Statement:

The community constantly endeavors to spread God's kingdom through innovative methods of education and activities oriented towards holist development and dignified livelihood by: By being a witnessing community, Empowering youth to be evangelizers, Bringing about spiritual renewal, Networking, Exploring and exploiting the opportunities available for livelihoods.

Courses offered, sanctioned and filled strength:

- Mechanical Engineering-sanctioned-63 & filled-63,
- Electronics & Telecommunication Engineering-sanctioned- 63 & filled-63,

- Computer Engineering-sanctioned- 63 &filled-63,
- Civil Engineering- sanctioned-63 & filled – 63.

Faculty strength: 55

Conferences/Workshops Organized:

State Level: 36

National Level: 04

Papers presented in Conferences/Seminars/Workshops:

Abroad	Within India	Within Goa
--	11 (09)	--

Publications:

Publications*	International	Indian	Total
Research papers in journals	23	3	26
Research papers in Conference Proceedings	9	4	13
Total	32	07	39

5.51 Goa College of Hospitality and Culinary Education, Cidade de Goa, Vaiginim Beach

Year of Establishment: September, 2011

College Address: Cidade de Goa, Vainguinim Beach, Goa – 403 004.

Principal's Details:

Name: Ms. Zarine Lobo

Contact No: 0832-2454560/9850902471

Email:-principal_ghc@cidadedegoa.com

College Website:www.cidadedegoa.com

Vision & Mission Statement: Vision: To establish ourselves as the number one premier institute in Hotel Management in the State of Goa.

Mission: Every student is handcrafted

Courses offered, sanctioned & filled strength: Bachelor in Business Administration (Hospitality & Culinary Management): Sanctioned Strength-95, Filled in Strength- 74

Faculty Strength: 03

5.52 Agnel Institute of Technology and Design, Assagao, Bardez

Year of establishment: 2012

College Address: Agnel Technical Education Complex, Assagao, Bardez, Goa.

Principals Details:

Name: Dr. V. Mariappan

Contact No:0832-2268032/2268642

Email:vm.aitdgoa@gmail.com

College website: www.aitdgoa.edu.in

Vision: Towards the full realization of our enduring core values committed to our society and nation, provision of education at par excellence considering all segments of our versatile society, continual enhancement in academic research coupled with back-end industrial induction – Agnel Institute of Technology and Design will strive to evolve to be a centre of academic excellence which will mould all its aspirants adaptable to dynamic needs of society and innovations with its traditional touch of work ethic, dedication and dignity.

Mission:

To become one among the preeminent technical institutes of the nation.

To strive constantly to enhance and sustain quality in teaching-learning, research and industrial practice with societal well-being at the forefront.

To emerge as the sole Engineering institute in the state of Goa, based on industrial research and innovation.

To provide the right mix of innovation, work ethic and dignity in the service of society.

Courses Offered, sanctioned and filled strength:

- Mechanical Engineering-Sanctioned – 63 & filled-63,
- Computer Engineering-Sanctioned – 63 & filled-58,
- Electronics& Communications Engineering-Sanctioned – 63 & filled-42.

Faculty Strength:53

Conference/ workshop Organised:

National Level: 01

Details of International Conferences/Workshops organized:

Title- Electronic Advancements and Image Processing in medical Applications

Dates- 1st to 5th January 2015

Funding:

S. No.	Funding Agency	Cash/Cheque	Amount	Date
1	Kallows India	Cheque	5000	06/04/2015
2	DSTE		26000	07/12/2015

Publications:

Research papers in journals

Foreign

01

Details of the Sports Achievements at National and International Level only:

Name of the student	Name of the event in which participated (sports/games)	Name of the Tournament/sports event with date	Name of the organizer
Anish Motekar	Throw Ball	37 th Senior National Throw Ball Championship 2014-15	Madhya Pradesh Throw Ball Association
Yashesh Kambli	Throw Ball		
Jagptreet Bhatia	Throw Ball		
Velly Rodrigues	Basketball	65 th Senior National Basketball Championship	Bhilwara, Rajasthan

5.53 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim

Year of Establishment: 2012.

College Address: Vidyanagar, Porvorim, Goa.403521

Principal's Details:

Name: Shri Sukhaji G. Naik

Contact No.:9422449632

Email:vidyaprabodhinigoa@gmail.com

College Website: www.vidyaprabodhnicollege.com

Vision and Mission:

Vision: Development of mind, body, knowledge, moral and spirituality by instilling and nurturing the basic values of education, human dignity, creative abilities to develop professional competence with focus on opportunities for individual excellence to serve the nation with pride by service above self.

Mission: Excellent everywhere everytime for Excellence in the field of Education on knowledge acquisition and adoption. For service to public and outreach activities.

Courses offered, sanctioned and filled strength: B. Com. – Sanctioned: 360, Filled: 204

Faculty strength: 06

Publications: Foreign

Research papers in journals 03

Papers presented in Conferences/Seminars/Workshops:

Within India:01

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	5	3	--	--	--	09
State	4	15	3	2	--	--	24

Details of the Sports Achievements at National and International Level only

Name of the student	Name of the event in which participated (Sports/games)	Name of the Tournament/sports Event	Name of the organizer
Prajwal Shetty	Men 400 M Relay Event	West Zone Athletic Championship on 07/10/2014	West Zone Athletic Championship
Ramnath Gaonkar S	Rope Skipping	15 th National Rope Skipping Championship 2014 at 04/11/2014 at Anand	Rope Skipping Association - Gujrat

RECOGNISED INSTITUTIONS

List of Recognised Institutions:

- 5.54 Xavier Centre of Historical Research, Alto Porvorim**
Name of the Director: Savio Abreu S. J.
Year of Establishment: 1977
Website: www.xchr.in
Faculty/Scientist strength: 03
Courses/Degree for which the Institution is recognised: Ph.D. in History
- 5.55 National Institute of Malaria Research, New Delhi.**
Name of the Director: Dr. Neena Valecha (Officer-In-charge)
Year of Establishment: 1977
Website: www.mrcindia.org
Faculty/Scientist strength: 50
- 5.56 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>
- 5.57 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.
- 5.58 Earth System Science Organisation-National Centre for Antarctic & Ocean Research (ESSO-NCAOR), Vasco-Da-Gama**
Year of Establishment: 1998
Name of the Director: S. Rajan
Courses/Degree for which the Institution is recognised: Ph. D. degree
Website: www.ncaor.gov.in.
Faculty/Scientist strength: 11(Regular) 42(Contract)
- 5.59 Thomas Stephens Konknni Kendr, Porvorim**
Name of the Director: Apolinasio Cardozo
Year of Establishment: 1982
Courses/Degree for which the Institution is recognised: Konkani Research work.
Website: www.tskk.org.
Faculty/Scientist strength: 6.

**5.60 Fisheries Survey of India, Government of India, Ministry of Agriculture,
Department of Animal Husbandry, Dairying & Fisheries, Mormugao Zonal Base,
Mormugao Goa.**

Name of the Director: D. M. Ali

Year of Establishment: 1972

Courses/Degree for which the Institution is recognised: Ph. D.

Email: fsimormugaobase@gmail.com

Website: www.fsi.gov.in

Faculty/Scientist strength: 3.

**5.61 Syngenta Biosciences Pvt. Ltd. Santa Monica Works, CorlimIlhas,
Goa, 403 110.**

Name of the Director: Dr. Bhanu Manjunath

Year of Establishment: 2005

Courses/Degree for which the Institution is recognised: Ph. D.

Website: www.syngenta.com

Faculty/Scientist strength: 87

5.62 ICAR, Research Complex for Goa Ela, Old Goa, 403 402.

Name of the Director: Dr Narendra Pratapsingh

Year of Establishment: 1989

Courses/Degree for which the Institution is recognised:

Website: www.icargoa.res.in

PART 6:

STUDENTS STRENGTH

6.1 Students Strength at PG Level: Post Graduate Departments of the University

Subject	Part I		Part II		Part III		Total Students		
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Total
English	5	43	38	2			43	45	88
Hindi	2	31	3	34			5	65	70
Marathi	9	16	1	26			10	42	52
Konkani	1	43	4	39			5	82	87
French	1	4	1	2			2	6	8
Portuguese	2	3	3	1			5	4	9
Economics	12	28	9	21			21	49	70
History	2	34	3	29			5	63	68
Political Science	14	14	7	21			21	35	56
Sociology	2	16	2	18			4	34	38
Philosophy	2	4	0	3			2	7	9
CLAS	3	3	2	2			5	5	10
B.Lib	10	15	1	13			11	28	39
Chemistry	11	61	12	60			23	121	144
Computer Science	44	16	35	26	23	6	102	48	150
M.Tech	4	8	6	4			10	12	22
Earth Science	20	5	11	4			31	9	40
Mathematics	6	19	5	22			11	41	52
Physics	10	15	6	13			16	28	44
Electronics	15	3	0	0			15	3	18
Botany	2	29	3	15			5	44	49
Microbiology	3	18	2	13			5	31	36
Marine Microbiology	3	10	0	16			3	26	29
Biochemistry	3	17	0	0			3	17	20
Zoology	0	25	0	20			0	53	53
Marine Science	6	17	5	10			11	27	38
Biotechnology	22	6	5	16			27	22	49
Marine Biotech	4	6	8	4			12	10	22
Commerce	4	56	48	7			52	63	115
M.F.S.	15	27	21	20			36	47	83
MBA	31	29	34	27			66	59	125
Integrated MBA	17	10	0	0			17	10	27
Grand Total	285	631	275	488	23	6	584	1136	1720

6.2 Students Strength in Affiliated Colleges: Professional Colleges

Name of the College	Graduate		Post Graduate		Dip. Cert		Total Students		Total	F. Students		H.Students		NRI Students	
	M	F	M	F	M	F	M	F		M	F	M	F	M	F
Goa Salesian Society, Don Bosco.	302	161	7	14	0	0	309	175	484	17	1	0	0	2	0
Adarsha Institute of Management	9	6	0	0	0	0	9	6	15	0	0	0	0	0	0
Goa College of Pharmacy, Panaji	47	236	8	43	0	0	55	279	334	0	6	1	2	0	1
PES College of Pharmacy	38	197	13	32	0	0	51	229	280	1	6	1	3	0	0
Nirmala Institute of Education, Panaji	10	112	0	0	0	0	10	112	122	0	0	0	0	0	0
Dada Vaidya College of Education	7	93	0	0	0	0	7	93	100	0	0	1	0	0	0
PES College of Education	11	89	0	0	0	0	11	89	100	0	0	0	0	0	0
College of Engineering, Farmagudi	1179	633	0	0	0	0	1179	633	1812	0	0	1	1	2	2
P.C.College of Engineering, Verna	686	377	6	29	0	0	692	406	1098	0	0	0	2	5	3
Shree Rayeshwar Inst. Of Engr. & IT	270	201	0	0	0	0	270	201	471	0	0	0	0	0	0
Don Bosco College of Engineering, Margao	775	316	0	0	0	0	775	316	1091	0	0	0	0	0	0
Agnel Institute of Technology & Design, Assagao	448	143	0	0	0	0	448	143	591	0	0	0	0	0	0
Goa College of Architecture, Panaji	105	126	0	0	0	0	105	126	231	0	0	0	0	0	0
Goa College of Art, Panaji	112	99	0	0	0	0	112	99	211	0	0	0	0	0	0
Goa College of Music, Panaji	46	48	1	2	25	46	72	96	168	0	0	0	1	0	0
V.M.Salgaocar College of Law, Panaji	269	365	44	40	0	0	313	405	718	0	0	0	0	0	0
G.R.Kare College of Law, Margao	109	191	18	19	0	0	127	210	337	0	1	1	1	0	0
Goa Medical College, Bambolim	280	530	6	0	91	128	377	658	1035	0	0	0	0	3	5
Institute of Psychiatry, Panaji	2	4	0	0	1	2	3	6	9	0	0	0	0	0	0
Ayurveda Mahavidyalaya, Shiroda	46	142	0	0	0	0	46	142	188	0	0	0	0	0	0
Homeopathic College, Shiroda	36	199	0	0	0	0	36	199	235	0	0	0	0	0	0
Goa Dental College, Bambolim	200	161	45	29	0	0	245	190	435	0	0	0	0	0	0
Institute of Nursing Education, Panaji	18	232	0	0	0	0	18	232	250	0	0	0	0	0	0
Victor Medical & Foundation Research	7	59	0	0	0	0	7	59	66	0	0	0	0	0	0
Vrundavan Institute of Nursing	7	108	0	0	0	0	7	108	115	0	0	0	0	0	0
VVM's Inst. Of Mng.Tr.& Res., Margao	0	0	26	0	0	0	26	0	26	20	0	0	0	0	0
National Hydrographic School, Vasco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goa College of Hospitality and Culinary Education	59	10	0	0	0	0	59	10	69	0	0	0	0	0	0
Total	5078	4838	174	208	117	176	5369	5222	10591	38	14	5	10	12	11

Students strength in Affiliated Colleges: Non Professional Colleges.

Name of the College	Graduate		Post Grad.		Dip. Cert		Total Students		Total	Foreign Stud.		Diff. Abled		NRI Students	
	M	F	M	F	M	F	M	F		M	F	M	F	M	F
Smt Parvatibai Chowgule College, Margao	208	557	35	80	24	16	267	653	920	1	1	1	0	0	3
Dhempe College, Miramar	243	428	0	0	0	0	243	428	671	27	1	4	3	0	0
St. Xavier College, Mapusa	793	1557	32	138	0	0	825	1695	2520	4	1	0	0	4	1
Carmel College, Nuvem-Salcete	0	636	13	104	0	0	13	740	753	0	3	0	2	0	5
O P.E.S.College, Ponda	198	636	0	0	0	0	198	636	834	0	0	0	0	0	0
M.E.S. College, Zuarinagar-Vasco	524	730	0	0	0	0	524	730	1254	1	2	1	0	0	0
S.S.Dempo College, Panaji	450	530	22	79	11	17	483	626	1109	9	0	0	1	1	0
Shree Damodar College, Margao	459	453	22	65	0	0	481	518	999	0	0	0	0	0	0
V.N.S.Bandekar College, Mapusa	536	484	34	93	0	0	570	577	1147	3	1	0	0	0	0
G.V.M's College, Ponda	322	446	19	59	0	0	341	505	846	0	0	0	0	0	0
Govt. College, Sanquelim	295	569	0	0	0	0	295	569	864	0	0	0	1	0	0
Govt. College of Home Science, Panaji	1	100	0	0	0	0	1	100	101	0	0	0	0	0	0
Govt. College, Khandola	216	411	0	0	0	0	216	411	627	0	0	0	0	0	0
Govt. College, Quepem	349	775	0	0	0	0	349	775	1124	0	0	0	0	0	0
Rosary College, Navelim, Salcete	586	1058	18	62	0	0	604	1120	1724	9	6	1	1	9	6
Saraswat College, Mapusa	365	355	0	0	0	0	365	355	720	6	0	0	0	0	0
Fr. Agnel College, Pilar	223	404	0	0	0	0	223	404	627	4	0	0	0	0	0
Govt. College Pernem	161	219	0	0	0	0	161	219	380	0	0	0	0	0	0
Shree Mallikarjun College, Canacona	157	221	0	0	0	0	157	221	378	0	0	0	0	0	0
Zantye College, Bicholim	176	327	24	42	0	0	200	369	569	0	0	0	0	0	0
C.E.S.College, Cuncolim	161	267	0	0	0	0	161	267	428	0	0	0	0	0	0
Government College of Commerce	75	95	0	0	0	0	75	95	170	0	0	0	0	0	0
SVVM's College of Commerce, Borim	55	57	0	0	0	0	55	57	112	0	0	2	1	0	0
Vikas Parishad Mandre College of Com. & Eco,	40	32	0	0	0	0	40	32	72	0	0	0	0	0	0
PES Vidya Prabodhini College of Com. Edu. Com. Mgt	75	82	0	0	0	0	75	82	157	0	0	0	0	0	0
Goa multy faculty College, Dharbandora	48	44	0	0	0	0	48	44	92	0	0	0	0	0	0
Total	6716	11473	219	722	35	33	6970	12228	19198	64	15	9	9	14	15

6.4 Students Strength: Total

Institutions	Total Students		Foreign Std		Diff. Abled		NRI St.		Total
	M	F	M	F	M	F	M	F	
Colleges (Non Professional)	6970	12228	64	15	9	9	14	15	19324
Colleges (Professional)	5369	5222	38	14	5	10	12	11	10681
University PG Departments	584	1136							1720
Total	12923	18586	102	29	14	19	26	26	31725

Total Students Strength in Colleges and University Post Graduate Departments: 2014-15

