

XXVII ANNUAL REPORT

June 2011- May 2012



GOA UNIVERSITY

TALEIGAO PLATEAU

GOA 403 206



GOA UNIVERSITY

CHANCELLOR
H. E. Shri Bharat Vir Wanchoo

VICE-CHANCELLOR
Dr S. R. Shetye

REGISTRAR
Prof. V. P. Kamat

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P R E F A C E

I have great pleasure in presenting to you the 27th Annual Report of Goa University for the academic year 2011-2012.

This Annual Report is presented, as per our annual practice, in six parts comprising (I) University Authorities and Boards, (II) University Departments, Centres and Programmes, (III) Achievements of the University Faculty, (IV) General Administration, (V) Affiliated Colleges, and (VI) Recognised Institutions. The Report largely covers the profiles and activities of the post graduate departments at the University and the significant achievements of both the members of the faculty and the students. The section on affiliated colleges mirrors the activities that are undertaken by the professional and general education colleges affiliated to this University.

Goa University is ranked among the top 25 Universities in India. Credit for the stature of the University goes largely to its well-established academic and research programs and the ability of our faculty to garner substantial extra-mural funding from renowned national agencies and institutions for research in niche areas. For a small State University, this is a creditable achievement. This Annual Report reflects the involvement of the faculty in research publications in reputed national/international journals as well as their initiative in organizing national and international conferences. The Report also reflects the myriad academic and co-curricular activities organised by the colleges affiliated to Goa University, and their significant contribution to the spread of higher education to every nook and corner of this State.

I would like to record my appreciation and acknowledgment towards the cooperation of all the teaching and non-teaching staff members involved in the compilation of this Annual Report.

Dr. S. R. Shetye
Vice Chancellor

INTRODUCTION

Goa University has treaded a path of sustained growth since its inception in 1985 around the nucleus of Centre for Post Graduate Instruction and Research of the University of Bombay in Goa. As is expected of an academic institution, Goa University has grown steadily in terms of its infrastructure, addition of contemporary courses with a dynamic curriculum, and increase in the number of affiliated colleges and recognised institutes.

The Annual Report of the University attempts to reflect the various facets of academic and co-curricular activities at the University and at its affiliated colleges. The information contained in the pages that follow truly reflect the vibrant academic ethos of the University, its focus on research, and notably the rich contribution of the faculty in terms of research projects, national and international seminars and workshops as well as publications.

We are thankful to all heads of University departments and Principals of affiliated colleges who have painstakingly compiled information that is contained in this Report. The Committee would like to express its gratitude to all those who have contributed in the publication of this Annual Report.

B. F. Rodrigues	Convenor, Editorial Committee
N. S. Bhat	Member
Jyoti Pawar	Member
A. A. A. Viegas	Member
S. Krishnan	Member
Aftab A. Can	Member
Nilesh Borde	Member
A. Fernandes	Member

PART I: UNIVERSITY AUTHORITIES AND BODIES

1.1 Members of the Executive Council

Chairman

Prof. Dileep N. Deobagkar, Vice-Chancellor (Ex-Officio)

Nominees of the Chancellor

Shri Justice Eurico D'Silva, Former Judge, High Court, Margao

Padmashree Dr. (Smt.) Maria Aurora Couto, Aldona

Shri Dattaraj V. Raj Salgaocar, Salgaocar House, Vasco

Nominees of the State Government

Shri Ramakant D. Khalap, Mapusa

Shri Bhaskar G. Nayak, DHE, Panaji (w.e.f. 11.01.2011 to 31.07.2012)

Secretary (Higher Education) Govt. of Goa (Ex-Officio)

Secretary (Finance) Govt. of Goa (Ex-Officio)

Nominees of the Vice-Chancellor

Prof. A. V. Afonso, Dean, Faculty of Social Sciences

Prof. G. N. Nayak, Dean, Faculty of Life Sciences and Environment

Dr. Anil S. Dinge Principal, Ponda Education Society's College of Arts and Science

Prof. D. J. Bhat, Department of Botany (up to 30.11.2011)

Prof. J. B. Fernandes, Department of Chemistry (w.e.f. 01.12.2011 to 31.07.2012)

Member Secretary

Registrar, Member Secretary, (Ex-Officio)

During the year 2011-2012, 6 regular meetings and 2 special meetings were held. The meetings were held on 06.07.2011(Special), 03.08.2011, 05.10.2011, 14.12.2011, 28.01.2012(Special), 15.02.2012, 04.04.2012 and 23.05.2012.

1.2 Members of the University Court

Chairman

Prof. Dileep N. Deobagkar, Vice-Chancellor (Ex-Officio)

Nominees of the Executive Council

Deans of Faculties

Dr. Pradeep Naik, Dean, Faculty of Medicine (upto 22.7.2011)

Prof. Mahesh Sardessai, Dean, Faculty of Medicine (from 23.7.2011)

Dr. N Somayaji, Dean, Faculty of Engineering

Dr. Marian Pinheiro, Dean, Faculty of Law

Shri Kamlakar B. Naik, Dean, Faculty of Performing, Fine Art & Music (upto 31.12.2011)

Prin. M. V. Vengurlekar, Dean, Faculty of Performing, Fine Art & Music (from 9.1.2012)

Prof. K. S. Bhat, Dean, Faculty of Languages and Literature (upto 23.11.2011)

Prof. Ravindranath S. Mishra, Dean, Faculty of Languages and Literature (from 9.12.2011)

University Professors

Prof. B. Ramesh, Professor, Department of Commerce

Prof. A. V. Salker, Professor, Department of Chemistry

Prof. B. K. Sharma, Professor, Department of Hindi

Prof. B. F. Rodrigues, Professor, Department of Botany

Prof. Nandakumar Mekoth, Professor, Department of Management Studies

Principals of Affiliated Colleges

Fr. Fredrick Rodrigues, Fr. Agnel College of Arts & Commerce, Pilar

Dr. V. N. Jindal, Goa Medical College, Bambolim

Shri L. G. Naik, CES's College of Arts & Commerce, Cuncolim

Dr. Jagmohan Singh, Shree Mallikarjun College of Arts & Commerce, Canacona

Dr. Santosh B. Patkar, Saraswat Vidyalaya Society's College of Commerce and Management Studies, Mapusa

Elected Members

Smt. Nutan G. Nayak, S. S. Dempo College of Commerce & Economics, Altinho

Shri G. I. Hukkeri, Dhempe College of Arts and Science, Miramar

Dr. Madhu S. G. Ghodkirekar, Goa Medical College, Bambolim

Dr. Ajit D. Dinkar, Goa Dental College and Hospital, Bambolim

Shri R. V. Kunkolienkar, Govind Ramnath Kare College of Law, Margao

Shri Prakash R. Morakar, C.E.S's College of Arts & Commerce, Cuncolim

Dr. S. D. Naik, SES Homoeopathic College & Hospital, Shiroda

Ms. Aruna R. Ganu, St. Xavier's College of Arts, Science & Commerce, Mapusa

Prof. Vijayendra P. Kamat (upto 11.04.2011) Department of Chemistry

Dr. B. R. Srinivasan (w.e.f. 08.07.2011) Department of Chemistry

Dr. T. A. Vishwanath, Department of Earth Science

Dr. A. J. Jayanthan, Department of Mathematics

Nominees of the Executive Council

The Chairman/President, Goa Salesian Society's Don Bosco College, Panaji

The Chairman/President, Damodar College of Commerce & Economics, Margao

The Chairman, Goa University Students' Council

Nominees of the Chancellor

Vice Admiral S.K. Damle (Retd.), PVSM, AVSM, SM, VSM

Dr. J. C. Almeida, IAS (Retd.), Former Chief Secretary of Goa

Shri Tomazinho Cardozo, Candolim

Shri Nitin Kunkolienkar, Former President, Goa Chamber of Commerce & Industry

Nominees of the State Government

Shri Shambu Bhau Bandekar, Saligao

Dr. Kashinath Jalmi, Marcela

Mrs. Deepti Salgaocar, Vasco

Ms. Pallavi Dempo (for the period from 02.04.2012 upto 31.07.2012), Panaji

Representative of Non-Teaching Staff

Shri Albert Fernandes, Assistant Registrar (Finance)

Ex-Officio Member Secretary

Registrar, Member Secretary, (Ex-Officio)

During the year 2011-2012, meeting of the Court was held on 21.03.2012.

1.3 Members of the Academic Council**Chairman**

The Vice-Chancellor (Ex-Officio)

Deans of the Faculties

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

Dean, Faculty of Social Sciences (Ex-Officio)

Dean, Faculty of Natural Sciences (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 Medicine (Ex-Officio)

Dean, Faculty of Engineering (Ex-Officio)

Dean, Faculty of Law (Ex-Officio)

Dean, Faculty of Performing, Fine Arts & Music (Ex-Officio)

Dean, Faculty of Education (Ex-Officio)

Dean, Faculty of Design (Ex-Officio)

University Professors

Prof. P. V. Desai, Department of Zoology

Prof. Ravindranath S. Mishra, Department of Hindi

Prof. (Ms.) Pratima P. Kamat, Department of History

Prof. Nandakumar Mekoth, Department of Management Studies

Prof. J. B. Fernandes, Department of Chemistry

Principals of Affiliated Colleges

Dr. I. Bhanu Murthy, Damodar College of Commerce & Economics

Dr. Radhika S. Nayak, S. S. Dempo College of Commerce & Economics

Smt. Rajal Shinkre, Goa College of Home Science

Shri Atul Shah, VVM's Institute of Management, Training & Research

Shri A. S. Nadkarni, G. R. Kare College of Law

Dr. Anil S. Dinge, PES College of Arts and Science

Shri Pravin Bhende, GVM College of Commerce & Economics

Shri A. R. Sakhardande, Narayan Zantye College of Commerce

Dr. D. B. Arolkar, DM's College of Arts, Science & Commerce

University Teachers

Dr. (Smt.) U. D. Muraleedharan, Department of Biotechnology
Dr. T. A. Vishwanath, Department of Earth Science
Shri Nilesh A. Borde, Department of Management Studies
Dr. Sunder N. Dhuri, Department of Chemistry
Dr. Sunita S. Umraskar, Department of Marathi

Elected Members

Dr. Manjusha Jindal, Goa Medical College, Bambolim
Dr. Naguesh Colvalkar, V M Salgaocar College of Law, Miramar
Shri S. J. Godse, Dhempe College of Arts & Science, Miramar
Shri G. G. Kondli, Shree Damodar College of Commerce & Economics, Margao
Shri V. V. Sail, MES College of Arts & Commerce, Zuarinagar
Dr. Varsha V. Kamat, PES College of Arts & Science, Ponda
Dr. Allen James Abreo, GVM's College of Education, Ponda
Shri P. J. Mandrekar, St. Xavier's College of Arts, Science & Commerce, Mapusa
Shri K. G. Sankaranarayanan, Narayan Zantye College of Commerce, Bicholim

Nominees of the Chancellor

Padmashree Fr. Romuldo D'Souza, Ex-Director, Goa Institute of Management, Porvorim
Dr. V. G. Dhume (upto 14.08.2011), Ex-Dean, Goa Medical College, Bambolim
Padma Bhushan Dr. Anil Kakodkar, Mumbai (w.e.f. 30.09.2011)
Dr. V. N. Jindal, Dean, Goa Medical College, Bambolim
Prof. N. P. Singh, Director, Indian Council of Agricultural Research, Old Goa
Dr. Adi Doctor, Perin Villa, Porvorim
Director, National Institute of Oceanography, Dona Paula, Goa (Ex-Officio)
Chairman, Goa Board of Secondary & Higher Secondary Education, Porvorim, Goa (Ex-Officio)
Librarian, Goa University (Ex-Officio)

Ex-Officio Member Secretary

Registrar, Member Secretary (Ex-Officio)

1.4 Members of the Planning Board**Chairman**

Prof. Dileep Deobagkar, Vice-Chancellor (Ex-officio)

Nominees of the Executive Council

Shri N. J. Pawar, Vice Chancellor, Shivaji University, Kolhapur
Prof. A. V. Afonso, Dean, Faculty of Social Sciences

Nominees of the Vice-Chancellor

Prof. G. N. Nayak, Dean, Faculty of Life Sciences & Environment
Shri Nitin Kuncolienkar, Former President, Goa Chamber of Commerce & Industry
Dr. Luis Vernal, GVM's College of Education, Ponda (upto 31.12.2011)

Dr. M. M. Sangodkar, Govt. College of Arts, Science & Commerce, Khandola (w.e.f. 01.01.2012)

Nominees of the Chancellor

Shri Naseer Munje, Chairman, Development Credit Bank, Mumbai

Nominee of the University Grants Commission

Dr. (Ms.) Kamal Singh, Vice Chancellor, S. G. B. Amaravati University

Ex-Officio Member Secretary

Registrar, Member Secretary (Ex-Officio)

1.5 Members of the Finance Committee

Chairman

Dileep N. Deobagkar, Vice-Chancellor (Ex-Officio)

Nominees of the Chancellor

Shri Raghuvir Pikale, Chartered Accountant, Panaji

Shri S. R. Kenkre, Chartered Accountant, Panaji

Nominee of the Executive Council

Shri Ramakant D. Khalap, Mapusa

Members

Registrar, Goa University

Secretary / Director of Higher Education, Government of Goa

Secretary (Finance), Govt. of Goa

Dean, Faculty of Commerce (Ex-Officio)

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

1.6 Deans of Faculties

Prof. K. S. Bhat, Faculty of Languages & Literature (upto 23.11.2011)

Prof. Ravindranath S. Mishra, Faculty of Languages & Literature (w.e.f. 09.12.2011)

Prof. A. V. Afonso, Faculty of Social Sciences

Prof. J. A. E. Desa, Faculty of Natural Sciences

Prof. G. N. Nayak, Faculty of Life Sciences & Environment

Prof. B. Ramesh, Faculty of Commerce (upto 12.09.2011)

Prof. Y. V. Reddy, Faculty of Commerce (w.e.f. 13.09.2011)

Prof. Nandakumar Mekoth, Faculty of Management Studies

Prof. Pradeep Naik, Faculty of Medicine (upto 22.07.2011)

Prof. Mahesh Sardessai, Faculty of Medicine (w.e.f. 23.07.2011)

Dr. N. Somayaji, Faculty of Engineering (upto 30.03.2012)

Prof. R. B. Lohani, Faculty of Engineering (w.e.f. 19.04.2012)

Dr. Marian Pinheiro, Faculty of Law (upto 31.05.2012)

Shri Kamalakar B. Naik, Faculty of Performing, Fine Arts & Music (upto 31.12.2011)

Shri M. V. Vengurlekar, Faculty of Performing, Fine Arts & Music (from 09.01.2012)

Dr. Luis Vernal, Faculty of Education (upto 31.12.2011)

Vice Chancellor, Faculty of Education (w.e.f. 09.01.2012)

Vice Chancellor, Faculty of Design

1.7 Officers of the University

Prof. Dileep N. Deobagkar, Vice Chancellor

Prof. V. P. Kamat, Registrar

Shri D. J. Naik, Finance Officer

Dr. V. Gopakumar, Librarian

Shri M. Shreedhara, Deputy Registrar (Academic)

Shri D. A. E. Rodrigues, Deputy Registrar (Gen. Admn.)

Shri M. Chakraborty, Head of Computer Centre

Shri V. L. Sawkar, University Engineer

Shri Milton Fernandes, Asstt. Director, Physical Education and Sports

Dr. (Smt.) P. Sequeira, Medical Officer

Shri S. Bandodkar, Systems Analyst

Shri A. A. T. H. Rosa, Systems Analyst

Shri Damodar M. Manjrekar, Programmer

Shri L. V. Macedo, Asstt. Registrar

Shri A. Fernandes, Asstt. Registrar

Smt. S. N. Kamat Dias, Asstt. Registrar

Smt. B. T. A. D'Mello e Daniel, Asstt. Registrar

Smt. S. S. Figueiredo, Asstt. Registrar

Shri R. R. Bhatikar, 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

Shri A. Srivastava, Executive Engineer

Shri S. S. Talaulikar, Asstt. Engineer

Shri R. S. Parsekar, Asstt. Engineer

Shri Sachin Narvekar, Asstt. Engineer

Smt. Sandhya S. S. Neurekar, Asstt. Registrar

Shri Amey Verenkar, Asstt. Registrar

1.8 Other Bodies/Associations and their Composition

University Teachers' Association

Prof. B. R. Srinivasan, *Chairman*

Prof. H. B. Menon, *Secretary*

Dr. P. K. Sudarsan, *Treasurer*

Prof. R. Roy, *Member*

Dr. A. J. Jayanthan, *Vice-Chairman*

Dr. M. S. Dayanand, *Jt. Secretary*

Dr. Usha Muraleedaran, *Member*

Prof. K. Mahender, *Member*

University and College Teachers' Association

Shri Sanjay Sawant Dessai, *President*

Dr. B. P. Sarath Chandran, *Gen. Secretary*

Dr. Tushar S. Anvekar, *Vice-President*

Dr. Gunaji S. Desai, *Treasurer*

Executive Committee of the Association of Officers of Goa University

Shri Mrityunjoy Chakraborty, *President* Shri Rajesh Bhatikar, *Member*
Shri A. Fernandes, *Member* Smt. B.T.A. D'Mello e Daniel, *Member*
Shri Milton Fernandes, *Member* Shri Ashok Nagarsekar, *Secretary*
Smt. Sharayu Chari, *Treasurer*

Executive Committee of the Goa University Non-Teaching Employees Association

Shri Ganadhish V. Keny, *President* Smt. Prarthana Naik, *Member*
Shri R. P. Naik, *Vice-President* Shri Renato Dias, *Member*
Shri Godwin T. Afonso, *General Secretary* Shri S. Shetgaonkar, *Member*
Shri Krishna G. Pai, *Joint Secretary* Shri Usman S. Ali Shaikh, *Member*
Shri Santosh R. Vernekar, *Treasurer* Shri Yoganand Kholkar, *Member*

University Employees Co-operative Credit Society

Shri Shaikh M. Aslam, *Chairman* Shri Ganadhish Keny, *Vice-Chairman*
Shri Gangaram Naik, *Secretary* Shri Balkrishna Kanolkar, *Member*
Shri Vishvasrao Sawant, *Member* Shri Eknath Sawant, *Member*
Shri Renato Dias, *Member* Shri Uday Parsekar, *Member*
Shri Nanda Gawas, *Treasurer*

College Development Council

Prof. Dileep N. Deobagkar, *Vice-Chancellor, Chairman*
Dr. M. M. Sangodkar, *Registrar, Member*
Dr. Luis Vernal, *Member*
Dr. M. Pinheiro, *Member*
Shri Yatin Kakodkar, *Member*
Shri Shekhar Sardessai, *Member*
The Director, Directorate of Higher Education, *Member*
Dr. B. A. Gomes, Govt College of Arts, Science and Commerce, Sanquelim, *Member*
Dr. A. S. Dinge, Principal, P.E.S. College of Arts & Sc. Farmagudi, Ponda, *Member*
Dr. D. B. Arolkar, DM's College of Arts, Science and Commerce, Assagao, *Member*
Shri G. G. Kondli, Shree Damodar College of Commerce & Economics, *Member*
Dr. Nagesh Colvalkar, V. M. Salgaocar College of Law, *Member*
Dr. I. Bhanu Murthy, Co-ordinator, CDC, *Member Secretary*

PART 2:
UNIVERSITY DEPARTMENTS/CENTRES/PROGRAMMES

2.1 Faculty of Languages and Literature

**2.1.0 General information regarding Faculty
(Departments and Degrees):**

Department of English	(M. A., Ph. D.)
Department of Hindi	(M. A., Ph. D.)
Department of Konkani	(M. A., Ph. D.)
Department of Marathi	(M. A., Ph. D.)
Department of French	(M. A., Ph. D.)
Department of Portuguese	(M. A., Ph. D.)

FACULTY BOARD

Dean of Faculty	Chairman (Ex-Officio)
Bhat K. S.	Member (Ex-Officio)
I. Khan	Member (Ex-Officio)
S. M. Tadkodkar	Member (Ex-Officio)
P. S. Tadkodkar	Member (Ex-Officio)
Wagle A.	Member (Ex-Officio)
Incharge, Dept. of Portuguese	Member (Ex-Officio)
B. K. Sharma	Member
A. R. Fernandes	Member
V. Mandrekar	Member
V. D. Sawant	Member
Madhavi Sardessai	Member
Edith Melo Furtado	Member

Department of English

Faculty

K. S. Bhat, Ph. D., Professor & Head - Literary Theory, Critical Theory and Cultural Studies

Kiran Budkuley, Ph. D., Associate Professor - Poetry, Culture and Gender Studies, Indian Literature, Translation Studies

Nina Caldeira, Ph. D., Associate Professor - Goa Cultural Studies, Post-Colonial Literature, Linguistics, American Literature

Andre Rafael Fernandes, Ph. D., Associate Professor - Novel, Linguistics, Commonwealth Literature, Language Laboratory

Major thrust areas of Research and Achievements:

The Department specialises in Cultural Studies, Gender Studies, Post-colonial Studies and Fiction Studies. Department also has an advanced Language Laboratory. More recent thrust areas of the Department have been Goa-related Studies and Translation Studies. Faculty has published books on Konkani Tiatr and Goan Literature and Culture; and undertakes consultancy work related to Translation Studies. Department has also introduced Media Studies as an Optional course of contemporary relevance.

Number of Ph.D.'s awarded: 01.

Placement Details:

- Colleges/H. Sec. /Private Institutes: 09.

Other Information:

Awards/Honours conferred:

- **K. Budkuley** - Awarded the Konkani Bhasha Mandal's "*Late Shri Narsinha Damodar Naik Sahitya Puraskar- 2011*" for contribution to Konkani literature.
- **K. S. Bhat** - Nominated as the Member of the Advisory Board of Society for Phenomenology and Media, San Diego.

Other special achievement by student/staff:

- **R. Fernandes**
 - Successfully completed the University of Cambridge CELTA [Certificate in English Language Teaching to Adults] Course, October to November 2011.
- **K. Budkuley**
 - Invited to deliver a Commemorative Talk on "Ravindrabab Kelekar" at Fr. Agnel College of Arts and Commerce by the College and Bimb Publications to mark the Birth Anniversary of the Jnanpeeth award winning author, 7th March 2012.

Department of Hindi

Faculty

Ravindranath S. Mishra, Ph. D., Professor and Dean - Medieval, Modern and Contemporary Poetry, Indian Poetics, Translation, Mass Media and Journalism

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

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

Major Thrust Areas of Research and Achievements:

- The department is actively involved teaching some of the relevant courses such as Indian Literature, Functional Hindi, Translation and Mass Media, and Social Work Comparative Studies.

Visiting Scholars:

- Ramdeo Shukla, Gorakhpur, Kabir ki Samajik Chetna, Jaysi ki Virhannubhuti Kamayani mein Yugbodh Tulsi ki Likvadhi Drushti Dhanaanad ka Kavya Saundarya, 28th to 30th July 2012.
- Satyakam, IGNOU, Bharat Mein Upanyas (Novel in India), 26th August 2011.
- Iresh Sadashiv Swami, Solapur, Madyalkaleen Kabir ke Sandarbh Mein, 23rd September 2011.
- Ramji Tiwari, Mumbai, Ajneya ki Kavya Dristi, 23rd September 2011.
- Ramji Tiwari, Mumbai, Ajneya ki Asadhyaveena Kavita, 24th September 2011.
- Mushtaque, University of Allahabad, Hindi Navjagran Evam Saraswati Patrika 5th October 2011.
- Mrudula Garg, Delhi, Samkaleen Bhartiya Katha Lekhan, 21st December 2011.
- Sheen Kaaf Nizam, Jodhpur, Rajasthan, Urdu Shayri, 21st December 2011.
- Avdesh Mishra, Lucknow, Hindi Documentary, 15th February 2012.
- Rajesh Joshi, Bhopal, Hindi Kavita, 21st December 2011.
- Hema Nayak, Goa, Hindi Kahani Katha Sahitya, 5th March 2012.
- B. D. Mishra, Varanasi, Dhumil ki Kavita, 15th March 2012.

Ongoing Projects/Completed during June 2011 - May 2012

- Vrushali S. Mandrekar, Konkani - Hindi Dictionary, 2011-12, Konkani Academy, Rs. 6,000/-.

Infrastructure:

- Computer lab, overhead projector.

Number of Ph. D.'s awarded: 01.

Placement Details:

- The students are working as lecturers in Colleges, Higher Secondary and High Schools, while some students have taken admissions for B. Ed. course.

Other Information:

Number of Radio talks/TV interview/popular articles:

- **Ishrat Bi Khan**
 - Delivered two lectures on “Functional Hindi” in S. P. Chowgule College, Margao Goa, 4th to 7th May 2012.
- **R. N. Mishra**
 - Delivered “Loktantra Aur Kartavya Nishtha” talk on All India Radio, Panaji on 22nd June 2011.
 - Invited as Chief Guest by Malaria Research Centre, Panaji-Goa, on the occasion of Hindi Day Celebrations, 14th September 2011.
 - Invited as Chief Guest by Syndicate Bank, Panaji-Goa, on the occasion of Hindi Day celebrations on 15th September 2011.
 - Convener of XIIth Standard Hindi Text Book of Goa Board.
 - Reviewer of XI Std. Hindi Text Book of Goa Board.
 - Coordinator of S. I. P. programme.
- **Vrushali S. Mandrekar**
 - Worked as a Module Co-ordinator and delivered lectures for SIP, Goa University, 24th October to 4th November 2011.
 - Radio Talk – “Mukti Ki Chaathat” broadcast January 2012.
 - Invited as a Guest to judge Hindi Dramatic Monolog at Sharda Mandir School Miramar, Goa, 18th October 2012.
 - Working as Vice President of Executive Committee of St. Xaviers College Alumni, Mapusa, Goa.
 - Worked as External Examiner for Karnataka State Open University.
 - Worked as Paper setter for Annamalai University, Tamil Nadu.
 - Evaluated Ph. D. thesis as an External Examiner.
 - Attended Workshop on Indian Languages with multiple writing system, at Deccan College Campus, Pune, organised by Western Regional Language Centre and Department of Linguistics, Deccan College, 9th to 12th November 2012.

Department of Konkani

Faculty

P. S. Tadkodkar, M. A., Associate Professor & Head - Modern Konkani Prose, Indian Poetics

Madhavi Sardesai, Ph. D., Associate Professor - General Linguistics, Sociolinguistics, Works of Shenvoi Goenbab, Translation Studies

Prakash Parienkar, M. A., M. Com. Assistant Professor – Sociological Study of Literature, Konkani Folklore, Feminist Literature

Visiting Scholars:

- Gurunath Kelekar, Uday Bhembre, Mouzinho Athaide, Damodar Mauzo, Prakash Vazrikar, Harishchandra Nagvenkar, Shobha Verenkar, Rocky Miranda, Melwyn Rodrigues, Edwin D'Souza, Paulo Moras, Shantaram Walaulikar, Madhav Borkar, S. D. Tendulkar, Nagesh Karmali, Damodar Mauzo, Mahabaleshwar Sail, Pundalik Naik, Jess Fernandes, Ramesh Veluskar, Hema Naik.

Other Information:

Awards/Honours conferred:

- **Prakash Parienkar** - Awarded Sattari Asmitai Puraskar for contribution in the field of literature and education by Grammin Vikas Sanskrutik Saunsta, Valpoi, Sattari-Goa (2011). He was also awarded the Late Gundu Sitarm Amonkar Excellence Award for his book Mhadei: Kallzantlyan Kagdar (An Ecoanthropological Study of Mhadei River Basin), 2011.

Other special achievement by student/Staff:

- **Madhavi Sardesai**
 - Participated as a Konkani expert in a Workshop on "Validation of the Annotated Speech Data for Indian Languages" organised by LDC-IL at CIIL, Mysore, 13th to 15th September 2011.
 - Delivered a guest lecture on "History of Konkani Language" to the students of Department of Konkani in St. Xaviers College of Arts, Science and Commerce, Mapusa, 26th September 2011.
 - Delivered Keynote Address on "Arte da Lingoa Canarim by Fr. Thomas Stephens" at Dr. F. L. Gomes District Library, Navelim, Goa, at the launch of its 3rd edition, 19th May 2012.
 - Was invited to edit the Goa State Volume of Peoples, Linguistic Survey of India, a project of Bhasha Institute, Vadodara, August 2011.
- **Prakash Parienkar**
 - Felicitated by the Swami Vivekanand Smruti Sangh, Keri-Sattari on the occasion of Silver Jubilee year at Keri-Sattari, Goa, for his contribution to Literature, 12th January 2011.

Number of Radio/ TV interviews/ popular articles:

- **Madhavi Sardesai**
 - "Konknni Sahityakar Pragatik? Konn Sangta?" *Bimb*, June 2011, 10(6):35-36.
 - "Tato: Bhurgapannant ek Ugddas-Bhownddi", *Jaag*, January to March 2012, 38(30):3-8.
 - "Ravindrababalem Vachpaghar", *Bimb*, April 2012, 11(4).
- **Parakash Parienkar**
 - An interview for All India Radio, Panaji, on the topic "Writing of Mhadei: Kallzantalyan Kagadar.... A Konkani book on Mhadei River Basin" with Madhav Borkar.
 - Contributed an article titled "Mhadei Kallzantyan Kagdar..... Lekhan Prakriyetalyan Vechik Khinn" in the Konkani Diwali Special Issue of 2011 published by Konkani Bhasha Mandal, Margao-Goa.
 - Contributed an article on "Vivekanandachya Vichar Sahavasant" published in "Vivek" a special issue published by Swami Vivekanand Smruti Sangh, Keri Sattari-Goa, July 2011.

Department of Marathi

Faculty

S. M. Tadkodkar, Ph. D., Professor & Head - Christian Marathi Literary Tradition of the 17th Century in Goa, Modern Form of Literature, Literary Criticism.

V. D. Sawant, Ph.D., Professor - Modern Form of Literature, Literary Criticism

B. G. Kanolkar, Ph.D., Associate Professor - Modern Form of Literature, Folk Literature

S. S. Umraskar, Ph. D., Assistant Professor - Medieval Marathi Literature, Linguistics, Modern form of Literature.

Major Thrust Areas of Research and Achievements:

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

Visiting Scholars:

- Anil Farakate, Kanakavali College of Arts and Commerce, Sindhudurg, Translation Studies, 16th March 2012.
- Sharayu Asolkar, Saint Rahul Maharaj College of Arts and Commerce, Autobiography of Women, 17th March 2012.
- Shobha Naik, Rani Parvatidevi Mahavidyalaya, Belgaum, Feminism and Novel – Rita Velinkar, 29th March 2012.
- Sarika Advilkar, Smt. Parvatibai Chowgule College, Travelogue in Marathi, 12th April 2012.
- Vishnu Vete, Government College, Pernem, Talk on Drama, 17th March 2012.

Other Information:

- **S. M. Tadkodkar:**

- A book review by Ivo Coelho on the book written by S. M. Tadkodkar, titled "Goan Christian Marathi Vilapika during the 17th Century" *Divyadaan, Journal of Philosophy and Education*, Nasik, 22(2): 265-270.
- Students of the Department visited Tanjavor (Tamil Nadu) and studied the rare manuscripts and forms of literature of the 17th Century in various scripts of Marathi.
- Students of Department have formed Marathi Sahitya Sharada Mandal, which organised All Goa Poetry Recitation Competition for Higher Secondary and College students.
- Students of the department have displayed significant wall papers having themes pertaining to various contemporary issues during the year.

Radio talks/TV interviews/Popular articles:

- **S. M. Tadkodkar:**

- All India Radio Panaji Kendra, "A discussion with poet Veni-Madhava Borkar on outstanding Marathi poet P. S. Rege.

Department of French & Francophone Studies

Faculty

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

Edith Melo Furtado, Ph.D., Associate Professor - French and Francophone Literature, French-Canadian Studies and Culture Studies (with special reference to Goa)

Visiting Faculty:

Gildas Gressant, M. A., Tutor in French - Methodology of Teaching French, French language and Culture.

Maria Theresa Abranches, M. A., - French language teaching.

Major Thrust Areas of Research and Achievements:

The Department 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 Department holds Language courses for institutions such as the Academy for Culinary Science (Cidade de Goa) as part of their diplomas. Added to the above achievements, 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 so as to introduce new and innovative ways of teaching the language. The books for Std. VIII, IX and X are already in use. The Department, in collaboration with the French Embassy, started the Tutor in French deputed for one academic year by the Embassy of France. This programme is an annual feature of the Department.

The Department has also signed an MOU with Université Stendhal Grenoble -3 (France) for co-operation in research projects, M. A. French through distance mode and Student Exchange Programme and is currently discussing research possibilities with the University of Aix en Provence.

Visiting Scholars:

- Ronald Larocque, Dimanche du Comte, Workshop on “The Art of Story Telling”, 11th October 2011.
- Philippe Guinet, Association “Passeurs des mots”, Workshop on Literary Theatre and Oral Expression”\Duo des Mots, 29th January to 4th February 2012.

Placement Details:

- Students of the Department have been employed in Secondary Schools in Goa.

Other Information:

- **Anuradha Wagle:**
 - Nominated on the Expert Committee of Indira Gandhi National Open University, New Delhi and the IISER, Pune.
- Four students of the Department, Natasha Gomes, Alvita Sampayo, Fleur D’Mello and Evelyn Fernandes were awarded assistantships to the French Academies of Bordeaux, Dijon, Aix-Marseilles and Versailles respectively, September 2011 to April 2012.

Department of Portuguese

Faculty

Delfim Correia da Silva, M. Phil., Visiting Lecturer - Portuguese Literature, Portuguese Linguistics, Portuguese Culture.

Marise D´Lima, M. A. - One year contract basis, Indo-Portuguese Literature.

Maria do Céu Barreto, M. A., Lecture basis - Portuguese Literature.

Visiting Scholars:

- Amélia Polónia, University of Porto, "Women's participation in Portuguese Oversea Expansion", 8th June 2011.
- Anabela Mendes, University Nova de Lisboa, "O texto poético na aula de Português Língua Estrangeira (PLE)", 20th December 2011.
- Rogério Puga, CETAPS, New University of Lisbon, "Recapturing the Colonial Past through (Postmodernist) Travel Notes: José Eduardo Agualusa's *Um Estranho em Goa*", 2nd March 2012.
- Rogério Puga, CETAPS, New University of Lisbon, "Is there a Lusophone Macau?", 2nd March 2012.

Ongoing Projects/Completed during June 2011 - May 2012:

- Forlin Goa 2011 - Summer course for teachers and students of Portuguese, 6th to 24th June 2011, IPAD (Instituto Português de Apoio ao Desenvolvimento) and University of Aveiro, 25,000€.

Other Information:

- Collaboration with Comunicare Cultural Centre and DIETI, Goa University in the Television Quiz programme "Kaleidoscope 2011" for Portuguese language.
- Selection of short stories "O Genro Comensal" by Vimala Devi and "A Ambrósia" by Laxmanrao Sardessai, and questionnaire.
- Collaboration with IGNOU, SOFL, New Delhi in the Programme Syllabus (course structure and contents – block 6/31-36 units) of the Certificate Programme In Portuguese Language and Culture (16 credits).
- Collaboration in the book release "*Portuguese Origin Heritage in the World*" by Calouste Gulbenkian Foundation at International Centre, Goa, 4th October 2011.

2.2 Faculty of Social Sciences

2.2.0 General information regarding Faculty (Departments and Degrees):

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

FACULTY BOARD

Dean of Faculty	Chairman (Ex-Officio)
A. V. Afonso	Member (Ex-Officio)
G. Somayaji	Member (Ex-Officio)
N. Shyam Bhat	Member (Ex-Officio)
P. K. Sudarsan	Member (Ex-Officio)
Rahul Tripathi	Member (Ex-Officio)
A. Gangopadhyay	Member (Ex-Officio)
S. M. Noronha	Member
N. Shyam Bhat	Member
Sanjyot Vernekar	Member
Dattesh Parulekar	Member

Department of Economics

Faculty

S. M. Noronha, Ph. D., Associate Professor - Labour Economics and Industrial Relations, Development Economics

P. K. Sudarsan, Ph. D., Associate Professor & Head (upto 31.12.2011) - International Economics, Econometrics

P. Mukhopadhyay, Ph. D., Associate Professor and Head (from 1.1.2012) - Macroeconomics, Growth & Environmental Economics

Temporary Faculty:

M. D. Aiholi, M. A., Assistant Professor - Financial Economics, Public Economics.

Sumita Datta, M. A., Assistant Professor - Mathematical Economics, International Economics, Microeconomics.

Major Thrust Areas of Research and Achievements

The major thrust areas of research are Labour, Environment, Development and International Economics.

Visiting Scholars:

- Duncan Knowler, Shastri Indo-Canadian Institute, Visiting Scholar, Assoc. Dean, School of Resource and Environmental Management (REM) Simon Fraser University, Canada, Combating Poaching of Rhinoceros in Nepal : A Ecological and Economic Simulation of Alternative Policies”, 25th January 2012.
- Hikmet Gunay, Associate Professor, University of Manitoba, Canada, “Game Theory and its Applications to the IPO Market”, 6th February 2012.

Sponsored Research Project sanctioned between June 2011 – May 2012

- Pranab Mukhopadhyay (Co-PI, Goa University) and Duncan Knowler (PI, Simon Fraser University, Canada), “Managing for Wildlife and Food Security: The case of Crop Degradation and Wildlife Corridors in Goa, India”, 2011-12, Shastri Indo-Canadian Institute, Canada, 3500 Canadian \$.

Ongoing Projects/Completed during June 2011 - May 2012

- P. K. Sudarsan, Financing of University Libraries in India: An Empirical Study, May 2009 - September 2011, UGC, Rs. 4, 29,200/-.

Number of Ph. D.’s awarded: 01.

Other Information:

Fellowship/Visiting Professorship, etc.:

- **P. Mukhopadhyay**
 - ICSSR Scholar in Residence at OKD Institute for Social Change and Development, Guwahati, November 2011.
 - Nominated as Member of Scientific Advisory Committee of the Indian Society of Ecological Economics (INSEE) Biennial Conference titled: “Nature, Economy and Society, 2011”.

Department of Sociology

Faculty

Ganesh Somayaji, Ph. D., Professor & Head - Sociology of Food, Sociology of Language and Social Theory.

Alito Siqueira, M. A., Associate Professor - Sociology of Culture, Tourism and Goa, Pedagogic and Knowledge Production

Joanna P. Coelho, Ph. D., Assistant Professor - Sociology of Language and Sociology of Migration

Major Thrust Areas of Research and Achievements:

Goa is the thrust area for research activities of the Department. Various areas of interest for the faculty include Migration and Diaspora, Development Studies, Sociology of Food, Language Issues, Colonial and Post-colonial Constructions of Village, Comparative Post-coloniality and Tourism. Field based studies on Goa are encouraged for MA dissertations. The organisation of an Annual Research Methodology Training Camp is aimed at equipping the students with research methods prior to their dissertation work. Also, the Department encourages researchers from other institutions to collaborate with the Department in mutually enriching exchanges.

Visiting Scholars:

- Stella Mascarehnas Keys from London spoke on “Do Goan Men and Women migrate for different reasons?” 13th January 2012.

Other Information:

Other special achievement by students/staff:

- **Alito Sequeira:**
 - Resource person in Economic and Political Weekly Round Table on “Research Writing and Publication”, Karnatak University, Dharwad, 20th to 22nd February 2012.
 - Resource Person for the Workshop on “Teaching and Learning in Higher Education: Challenges of the New Classroom,” a three-day Workshop for faculty of Tata Institute of Social Sciences, anchored by the Higher Education Innovation and Research Applications (HEIRA)-Centre for the Study of Culture and Society, Mumbai, 3rd to 5th October 2011.

Department of Philosophy

Faculty

A. V. Afonso, Ph. D., Professor and Head - Philosophy of Science and Philosophy of Religion

U. A. Vinaya Kumar, Ph. D., Associate Professor (on leave) - Indian Metaphysics, Indian Logic, Epistemology, Existentialism

Sanjyot D. Pai Vernekar, Ph. D., Associate Professor (on leave) - Applied Ethics

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

Koshy Tharakan, Ph.D., Associate Professor - Philosophy of Social Sciences, Phenomenology

Major Thrust Areas of Research and Achievements:

A. V. Afonso, engaged in research on "Method of Moral Reasoning".

U. A. Vinaya Kumar, engaged in research on "Synthesis of World Religions: Arriving at the Common Metaphysical Structure", Indian Institute of Advanced Study, Shimla.

Milan Desai, engaged in research on "Scientific Basis of Mantras."

Koshy Tharakan engaged in research on "Post-phenomenology and Philosophy of Social Sciences."

Department of History

Faculty

Pratima P. Kamat, Ph. D., Professor (on sabbatical leave 03.06.2011 to 02.06.2012) - Indo-Portuguese History and Maritime Studies, Gender Studies

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

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

Parag D. Parobo, M. A., Assistant Professor - History of Goa, Portuguese Colonialism, Intellectual History, Maritime History

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

Major Thrust Areas of Research and Achievements:

- The thrust areas of the Department include Indo-Portuguese History, Maritime Studies and Indian History.

Number of Radio Talks/TV interviews/Popular articles:

- Parag D. Parobo – Popular articles – Two.
- Seema S. Risbud – Popular articles – Two.

Department of Political Science

Faculty

Rahul Tripathi, Ph. D., Assistant Professor - International Political Economy, South Asia

Prakash Desai, Ph. D., Assistant Professor - Democratic Politics, West Asia

Alaknanda Shringare, Ph. D., Assistant Professor - Coalition Politics, Governance

Major Thrust Areas of Research and Achievements:

Through Conferences, Projects and Extension Activities the Department focused on the areas of Indian Politics, Goa's Developmental Politics and Elections, in addition to the faculty members' individual contribution in their areas of respective specialisation. The Department successfully completed the project on 'Knowledge, Attitudes, Behaviour, Beliefs and Perceptions of Electors in Goa' assigned by the Election Commission of India and followed it up with an end-line survey of the 2012 State Assembly Election Results. Besides, the Department hosted eminent scholars, organised workshops and undertook student educational tour of North India which included a visit to the Parliament, Jawaharlal Nehru University and Indian Institute of Advance Study, Shimla.

Visiting Scholars:

- K. Srinivasulu, Dept of Political Science, Osmania University Hyderabad, "Politics of Special Economic Zones in India", 26th September 2011.
- Timothy Walker and Daniela Melo, University of Dartmouth, Connecticut, "Transition from Dictatorship to Democracy: From Goa 1961 to Lisbon 1974", 6th January 2012.

Sponsored Research Project sanctioned between June 2011 – May 2012:

- Rahul Tripathi, Prakash Desai, Alaknanda Shringare, Survey of Knowledge, Attitudes, Behaviour, Beliefs and Perceptions of Electors in Goa, November 2012, Office of the Chief Electoral Officer, Goa/Election Commission of India, Rs. 4.2 Lakhs.

Other information:

Other special achievement by students/staff:

- Students of Department of Political Science were awarded Certificates of Participation by the Speaker of Lok Sabha during a study tour to the Parliament House, New Delhi.

Number of Radio talks/ TV interviews/Popular articles:

- Rahul Tripathi, popular articles: 04.

Centre for Latin American Studies

Faculty

Aparajita Gangopadhyay, Ph. D., Associate Professor & Director I/c - Latin American Political Economy, International Relations

Dattesh D. Parulekar, M. A., Assistant Professor - International Organisation

Leslie Alfonso (on contract), M. A., Assistant Professor - Defence & Strategic Studies

Major Thrust Areas of Research and Achievements:

The Centre has identified Brazilian Studies to be one of the major thrust areas in the near future.

Visiting Scholars:

- Ambassador T. P. Sreenivasan, Public Diplomacy Division, Ministry of External Affairs, Government of India, New Delhi, delivered talk on “India’s Quest for a Permanent Seat at the UN Security Council”, 17th August 2011.

Placement Details:

- College – 01.

Other information:

Fellowship/Visiting Professorship, etc.:

- **A. Gangopadhyay**
 - Invited for a six weeks programme of the State Department, Government of United States at the *U.S. Foreign Policy Institute*, Florida, 25th June to 7th August 2011.
 - Invited to deliver a series of lectures at the Institute of International Relations, National Chengchi University, Taiwan, on various aspects of “India’s Foreign Policy”, 6th to 18th March 2012.
- The Centre organised a Three Day International Conference in association with the Indian Council of World Affairs, New Delhi, The Ministry of External Affairs, Government of India, and The Indian Council of Social Science Research titled “India Brazil Dialogue” which was attended by scholars from Brazil, United States, Argentina, Macao, etc., 28th to 30th October 2011.

Centre for Women's Studies

Faculty

Shaila Desouza, Ph. D., Assistant Professor (Incharge) - Gender Studies, Empowerment, Health & Development

Staff on UGC XIth Plan Grant:

Venisha Fernandes, M. A., Project Fellow (April 2011- March 2012).

Priyanka Velip, M. A. Project Fellow (April 2011- March 2012).

Major Thrust Areas of Research and Achievements:

Women's Studies at Goa University, is committed to the national agenda of women's empowerment focusing on women's concerns in Goa and has had reasonable success in achieving its goals in the area of teaching, research, extension, field action and in building its resource centre. Centre for Women's Studies has well-established links both with the government as well as non-government agencies working for women at the state, national and international levels. At the State level it has offered expertise in the area of working with women and children to several government departments and programmes. It has also offered advisory, research and training assistance to NGO's, colleges, teachers and students on projects related to women.

The Centre for Women's Studies at Goa University was awarded a grant of Rupees Five Lakhs per annum under the UGC XIth Plan Scheme for Development of Women's Studies in Universities. Two Project Fellows were appointed for research and extension particularly to reach out to rural Goa. Sanguem and Canacona talukas were chosen as field sites. In Canacona, research and field action focused on the tribal community.

The CWS has been awarded a grant of Rupees Thirty Three Lakhs Seventy Thousand Seven Hundred and Forty per annum from the UGC under its XIIth Plan Scheme for Development of Women's Studies in Universities with a mandate to form a Department of Women's Studies at Goa University.

Other Information:

Other special achievement by students/staff:

- **Shaila Desouza**
 - Member of the Executive Committee, Indian Association for Women's Studies, Southern Regional Coordinator and Secretary IAWS Archives.
 - Trustee of ACDIL School (International Education and Fellowship Trust), Porvorim, Goa.
 - Member of the Editorial Advisory Board of *Journal of Gender Equality and Sensitivity* (ISSN 0973 7790).
 - Member Secretary, Goa University Standing Committee for the Prevention of Sexual Harassment of Women at the Workplace (2007-2012).
 - Participated in Orientation Programme in Leadership Development for Women Administrators in Higher Education, NUEPA, New Delhi, 19th to 23rd December 2011.
 - Keynote speaker on Gender Discrimination at the Workplace at Seminar on "Gender" Discrimination at the Workplace: Myth or Reality" organised by International Centre Goa, 11th and 12th March 2012.

2.3 Faculty of Natural Sciences

2.3.0 General information regarding Faculty (Departments and Degrees):

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

FACULTY BOARD

Dean of Faculty	Chairman (Ex-Officio)
J. A. E. Desa	Member (Ex-Officio)
G. M. Naik	Member (Ex-Officio)
P. R. Rao	Member (Ex-Officio)
A. V. Salker	Member (Ex-Officio)
A. G. Chachadi	Member (Ex-Officio)
Y. S. Valaulikar	Member (Ex-Officio)
J. B. Fernandes	Member (Ex-Officio)
B. R. Srinivasan	Member (Ex-Officio)
S. G. Tilve	Member (Ex-Officio)
T. A. Vishwanath	Member (Ex-Officio)
A. A. A. Viegas	Member
A. J. Jayanthan	Member
U. Subramaniam	Member
Y. Pinto	Member

Department of Chemistry

Faculty

J. B. Fernandes, Ph. D., Professor - Catalysis and Electrochemistry

S. P. Kamat, Ph. D., Professor (retired in January 2012) - Synthesis of Natural Products

A. V. Salker, Ph. D., Professor - Catalysis and Solid State Chemistry

V. P. Kamat, Ph. D., Professor (on lien) - Organic and Medicinal Chemistry

S. G. Tilve, Ph. D., Professor and Head - Synthetic Organic Chemistry

B. R. Srinivasan, Ph. D., Professor - Inorganic Synthesis

R. N. Sirsat, Ph. D., Associate Professor – Computational/Theoretical Chemistry

V. S. Nadkarni, Ph. D., Associate Professor – Synthetic, Organic and Polymer Chemistry

V. M. S. Verenkar, Ph. D., Associate Professor -- Solid State Chemistry

S. N. Dhuri, Ph. D., Assistant Professor - Coordination Chemistry and homogenous Catalysis

S. V. Girkar, M. Sc., Assistant Professor – Organic Chemistry

Witty D'Souza, Ph. D., Lecturer (Lecture basis), Physical Chemistry

Sonia Parsekar, Ph. D., Lecturer (Lecture basis), Organic Chemistry

Rohan Kunkalkar, Ph. D., Lecturer (Contract basis), Solid State Chemistry

Major Thrust Areas of Research and Achievements:

The department conducts research in various thrust areas *viz.*, Synthesis of inorganic and organic materials, Solid state chemistry and heterogeneous catalysis, Electrochemistry and its applications, Synthesis of natural products and polymers, Green chemical processes/synthesis, Synthetic and applications of nanomaterials, Metal carboxylate chemistry, and Synthesis of ligands and their metal complexes

The Faculty is involved in the following research activities:

- a. Investigations on metal ion absorption on hydrous manganese oxides.
- b. Preparation of nano material based active catalysts for carbon dioxide detoxification and metal organic type semiconductors for photo degradation of azo dyes.
- c. Synthesis and characterisation of coordination polymers of alkaline earth/alkali metals and metal sulfido compounds.
- d. Development of an efficient two step general procedure for the synthesis of avenanthramides.
- e. Development of a convenient method for organic synthesis through Domino Witting Diels-Alder reaction.
- f. Synthesis of new monomers and poly (sulfite-co-carbonate) polymers and successfully tested them as solid state nuclear track detectors.
- g. Designed improved synthetic strategies to obtain nano size titania.
- i. Synthesis and characterisation of inorganic compounds and their applications.
- j. Synthesised and characterised nanosize Mn doped Ni-Zn ferrites by hexamine based fuel deficient combustion technique. Besides solid state properties, the ferrites were studied for their gas sensing ability towards gases like NH₃, H₂S, Cl₂ etc at variable

temperatures. They were found to have very good selectivity and ppm level sensitivity towards gases at relatively lower temperatures including room temperature.

Visiting Scholars:

- Pranay Morajkar, Research Scholar, University des Science est technology des Lille1, France.
- Novel approaches to understand the OH-initiated oxidation mechanism of volatile organic compounds in the Atmosphere, 27th August 2011.
- Ravi Fernandes, High pressure combustion and advance diagnostics, 13th January 2012.
- Kiran Naik, Research Scholar, University of Trento, Italy, Ph. D. opportunities at Trento University and research work at Material Science Department, 20th January 2012.
- N. P. Argade, NCL, Pune, Natural Products, 25th January 2012.
- B. B. Idage, NCL, Pune, Laboratory Safety Practices, 1st February 2012.
- Wolfgang Bensch, University of Kiel, Germany, Chemical Modifications of polyoxovanadates, 21st February 2012.
- Norbert Stock, University of Kiel, Germany, Metal organic frameworks: routes to various MOF, topologies, morphologies and composites, 24th February 2012.

Sponsored Research Project sanctioned between June 2011 – May 2012

- A.V. Salker, Catalytic redox reactions of hydrocarbons, carbon monoxide and nitric oxide over nano based catalysts, 5th July 2011, UGC, Rs. 7.38 lakhs.
- S. G. Tilve, Synthetic Studies in Selected Marine Natural Products, 1st April 2012 to 31st March 2015, CSIR, Rs. 22.10 lakhs.

Ongoing Projects/Completed during June 2011 - May 2012

- S. G. Tilve (PI), Domino Wittig-Diels-Alder Reactions, 1st July 2008 to 30th June 2011, UGC, Rs. 5.53 lakhs.
- S.G. Tilve (PI), Designing synthesis applications of organocatalysts, 2010-13, DST, Rs. 37.20 lakhs.
- B. R. Srinivasan (PI), Biological sensors based on luminescent coordination polymers, sanctioned under the Innovative Research Activities of XI plan UGC, 2011-2012, UGC, Rs 1.25 lakhs.
- V. S. Nadkarni (PI), Development of solid state Nuclear Track Detector for the charged particle dosimetry, 2009-12, BARC, Rs. 24.95 lakhs.
- V. M. S. Verenkar (PI), Synthesis, characterisation and study of solid state properties of mixed metal oxides, 2011-13, UGC, Rs. 1.10 lakhs.
- S. N. Dhuri (PI), Bio-inspired investigation and kinetic studies of metal ion-promoted electron transfer and hydride transfer reactions involving high valent ruthenium-oxo, 2010-2013, DST, Rs. 19.90 lakhs.
- S. N. Dhuri, Non-heme ligands and their transition metal complexes: Synthesis, characterisation and catalytic oxidations, 2 years, 2010-2012, UGC, Rs. 1.50 lakhs.
- The Department also coordinates DST interdisciplinary nanomission program 2010-13 (269.00 lakhs).

Number of Ph.D.'s awarded: 07.

Placement Details:

- Company – 06.
- Some students were also selected in various pharma industries through placement fair organised by Goa University.

Other Information:

Awards/Honours conferred:

- Prakash Parvatkar, was awarded '2011 Eli Lilly and Company Asia Outstanding Thesis Award' for his Ph. D. thesis titled, "Synthetic Studies towards Bioactive Natural Products and their Analogues" (*Research supervisors: S. G. Tilve & Parmeswaran*).
- Lactina Gonsalves won Mettler Toledo Best Oral Presentation Award at the 18th DAE-BRNS International Symposium on thermal analysis [THERMANS 2012], 31st January to 2nd February 2012, held at BARC, Mumbai (*Research Supervisor: V. M. S Verenkar*).
- Kiran Dhavaskar won Best Oral Presentation Award at the 18th DAE-BRNS International Symposium on Thermal Analysis [THERMANS 2012], 31st January to 2nd February 2012, held at BARC, Mumbai (*Research Supervisor: B. R. Srinivasan*).

Other special achievement by student/staff:

- Number of students cleared UGC-CSIR NET: 03.
- **V. S. Nadkarni**
 - Participated in National Summit on Quality in Education, 'Empowering India through Quality Education' organised by CII Institute of Quality at Bangalore, 23rd and 24th September 2011.
 - Completed National Training Programme on IPR & WTO Issues, organised by TIFAC, PFC, DST, New Delhi, conducted at ATI, BARC-DAE, 9th to 13th January 2012.

Invited talks/lectures:

- **B. R. Srinivasan**
 - Delivered invited talk at the Goa Science Centre on the occasion of International Year of Chemistry in November 2011.
- **S. P. Kamat**
 - Registered member of IYC-2011.
 - Conducted 26 Workshops and lectures for students and teachers of all levels in Alibag, Pune, Latur, Rajkot, Baroda, Bangalore and Goa in various Schools, Colleges and Universities, January to December 2011.
 - Delivered a series of lectures on "Alternative and Better Fuels" in Colleges of Goa.
- **J. B. Fernandes**
 - Delivered talk at National Workshop on 'Role of new Materials in catalysis, NCCR, IIT – Madras, 11th to 13th December 2011.
- **S. G. Tilve**
 - Delivered talk at National Symposium held by Syngenta Biosciences.

Department of Mathematics

Faculty

A. J. Jayanthan, Ph. D., Associate Professor & Head - Knot Theory, Topology

Y. S. Valaulikar, Ph. D., Associate Professor - Differential 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 – Analysis

Other Information:

Other special achievements by student/staff:

- Zen Lobo cleared CSIR-JRF and NET with 37 All India Ranking.
- **A. J. Jayanthan**
 - Attended MTTS at ISERC, Viswabharati, Shantiniketan, as resource person, 23rd May 2011 to 18th June 2011.
 - Attended (member of Organising Committee) the National Conference on “Mathematics Education: Trends and Challenges” at Hyderabad University, 19th to 21st August 2011.
 - Attended UGC sponsored National Seminar on “Topology, Fractals, their Fuzzy Generalisation and Applications” and delivered a lecture on Classification of Compact Connected Surfaces, 13th and 14th October 2011.
 - Attended the MTTS programme at Vellalar College for Women, Erode, Tamil Nadu and delivered lecture in Linear Algebra, 19th to 23rd December 2011.
 - Attended National Initiative in Mathematics Education 2011 at IISER Pune (Western Region), 26th to 28th December 2011.
 - Attended UGC sponsored National Seminar on “Topology and Geometry”, at MAN College Kallikandi and delivered a lecture on Non-Euclidean Geometry, 12th and 13th January 2012.
 - Attended a National Seminar on “Recent Trends in Mathematics-Topology and its Applications” at Govt. College Kottayam and delivered a lecture on Weierstrass Approximation Theorem, 9th and 10th February 2012.
 - Attended a National Seminar on “Analysis and Geometry”, at S N College Alathur and delivered two lectures on Non-Euclidean Geometry and Hyperbolic Geometry, 13th -14th February 2012.
 - Attended Pedagogic Training of Mathematics Teachers 2012 at Bhaskaracharya Pratishtan, Pune and delivered lectures in Linear Algebra, 5th to 10th April 2012.
 - Attended a Workshop on “Initiations in Mathematics” at Government College Ambalappuzha, Alappuzha, Kerala, 30th April to May 2012.

Department of Computer Science & Technology

Faculty

P. R. Rao, Ph. D., Professor & Head - Theoretical Computer Science, Data Mining, Data Warehousing, Information Systems Security

V. V. Kamat, Ph. D., Associate Professor - Computer Graphics and CAD, E-Learning

J. D. Pawar, Ph. D., Associate Professor - Data Structures, Data Mining, Natural Language Processing

Y. Pinto, M.C.A., Associate Professor - Data Base Management Systems, Operating Systems, Computer Science Education

R. Wagh, M.C.A., Associate Professor - Software Architecture, Object Oriented Technology

R. Karmali, M.C.A., Assistant Professor - Computer Networking, Natural Language Processing, Cryptography and Network Security

S. Baskar, M. Sc., Associate Professor - Artificial Intelligence, Compiler, Cloud Computing

Teaching Staff on Lecture Basis:

Samir Patil, Computer Organisation and Architecture

Cidalia Bodade, Communication Skills

Carina Vaz, Management Fundamentals & Information Systems

Melisa Rodrigues, Management Fundamentals & Information Systems

Milton Pires, Software Foundation Lab

Shekhar Naik, Theory of Computation

Leonard Jones, Object Oriented Programming Lab

S. Sivaraman, Decision Support System

Yatish Pai Vernekar, Business Finance

S. U. Kamat, Applied Operations Research

Major Thrust Areas of Research and Achievements:

The faculty members have research interests in the area of Natural Language Processing, Data Mining, Data Warehousing, Theoretical Computer Science, Access Control, Algorithms, Software Architecture, Embedded Systems, CAD & E-Learning and DBMS.

Visiting Scholars:

- Sasikumar, CDAC, Pune, "Research Methodology", June 2011.
- Arvind P. Kudchadkar, former director DAICT, IIT Bombay, "How Goa University can and must Excel", 1st August 2011.
- Dharmendra Kumar Singh, former student of the department, "His Experience working in the Industry", 9th August 2011.
- Ravindra Babu T., Infosystem, Bangalore, "Data Mining Methods for Network Intrusion Detection", 20th August 2011.
- Jayant Haritsa, SERC & School of Computer Science & Automation, IISc Bangalore, "Querying in Database" and "Research Methodology", 3rd November 2011.
- John Morrison, University of Cork, Ireland visited on 16th December 2011 for interaction with the department's teaching staff.

- Maria Choudhary, alumnus, gave a talk on “Apache Server”, 4th February 2012.
- Dr. Dragan Djuric, University of Belgrade, gave a talk on “Functional Programming”, 8th February 2012.
- Laximan Bole, Pune, gave a lecture on his experiences in transformation from criminal activities to normal, 14th February 2012.
- K. Nagakumar gave a talk on “Microsoft Technologies”, 20th April 2012.

Sponsored Research Project sanctioned between June 2011 – May 2012

- Jyoti D. Pawar (PI), Madhavi Sardessai (Co-PI), Department of Konkani, Ramdas Karmali (Co-PI) and Ramrao Wagh (Co-PI), Indian Languages Corpora Initiative (ILCI) for Konkani Language – Phase II, w.e.f March 2012, 2½ years, DIT, New Delhi, Rs. 45.43 lakhs.

Ongoing Projects/Completed during June 2011 - May 2012

- Venkatesh Kamat, CAD-ELearn, December, 2010, Government of Goa, Rs. 10 lakhs.
- Jyoti Pawar (PI) and Ramdas Karmali (Co-PI), Indian Language Corpora Initiative (ILCI) for Konkani Language - Phase 1, February 2011, (extended by 12 Months), DIT, New Delhi, Rs. 23.00 lakhs.
- Jyoti Pawar (Consortium Leader and PI), Ramdas Karmali (Co-PI) and Madhavi Sardessai (Co-PI), Department of Konkani, Indradhanush WordNet Project: “Development of an Integrated WordNet for seven Indian Languages”, August 2010, 2 years extended upto 31st March 2012, DIT, New Delhi, Rs. 299.52 lakhs.
- Madhavi Sardessai (PI), Dept. of Konkani, Jyoti Pawar (Co-PI), Ramdas Karmali (Co-PI), Ramrao Wagh (Co-PI) and Shilpa N. Desai, (Co-PI), Shallow Parser Tools for Konkani Language, 19th March 2012, 2 years 9 months, DIT, New Delhi, Rs. 36.00 Lakhs.

Infrastructure:

- 30 Computer Chairs, 2 Acer Aspire Laptops, 3 Lenovo Desktop PCs, 2 Hitachi LCD Projectors, 5 KVA Stabilizers, 4 HP Laser Jet 1101 Printers, 6 Magnetic white boards, 1 Digisol network Switch.

Placement Details:

- 25 students were placed.

Department of Physics

Faculty

J. A. E. Desa, Ph. D., Professor & Head - Experimental Condensed Matter Physics: Structures of Glasses; Neutron Scattering

R. B. Tangsali, Ph. D., Professor - Theoretical Solid state Physics, Experimental Solid state Physics, Nanomagnetic materials: Preparation, Characterisation, Transport and Magnetic properties

U. Subramanian, Ph. D., Associate Professor - Experimental Solid State Physics: Optical and Electrical Properties of Materials, including nano materials

R. V. Pai, Ph. D., Associate Professor - Theoretical Condensed Matter Physics: Cold Atoms and Molecules

K. R. Priolkar, Ph. D., Associate Professor - Experimental Solid State Physics: X-ray Spectroscopy (XAS, XAFS)

Major Thrust Areas of Research and Achievements:

The thrust areas of research of the faculty members are as follows:

J. A. E. Desa, Structures of PVA doped Gels, Porous Media and Glasses by X-ray and Neutron Diffraction and Scanning Electron Microscopy. Optical, Thermal and Rheological Properties of these materials among other macroscopic methods

R. B. Tangsali, (1) Preparation and characterisation of different types of nanoparticles such as Metal nanoparticles, (a) Spinel ferrite nanoparticles like Mn-ZN ferrite, Ni-Zn ferrite, (MNP's) and, (b) Hexaferrite nanoparticles like M-type hexa ferrite, Y-type hexaferrite. (2) Investigations on electrical transport and magnetic properties of nanoparticles using advanced tools. (3) Preparation of bulk material from nanoparticles and study of its various physical, magnetic and transport properties. (4) Studies on toxicity of MNP's on mammalian cells, (5) Gamma radiation effects on physical, structural, magnetic and transport properties of MNP's, and (6) Preparation and characterisation of MNP's for hyperthermia.

U. Subramanian, preparation, characterization and study of optical properties and electrical properties of optoelectronic materials, scintillators, *etc.* including nanoforms.

R. V. Pai, (a) Ultracold bosons in period optical lattices and superlattices using both mean-field theory and density matrix renormalisation group, (b) The "fully frustrated" Bose-Hubbard model with half a magnetic flux quantum per plaquette using density-matrix renormalisation group, classical Monte-Carlo and mean-field theory, (c) Extended Bose-Hubbard model with a quadratic, confining potential using inhomogeneous mean-field theory.

K. R. Priolkar, (a) magneto-structural coupling in Shape memory alloys and Antiperovskites, (b) the complex magnetic ordering observed in Double Perovskites, (c) mechanism of long lasting luminescence in biomarkers and, (d) Fe based superconductors. EXAFS, XAS and XMCD are being deployed as main techniques.

Visiting Scholars:

- Joachim Kolbrecher, Paul Scherrer Institute, Scientist, Zurich, Switzerland, Small Angle Neutron Scattering, 14th and 15th December 2011.
- Lluís Manosa, University of Barcelona, Barcelona, Spain, Materials for Eco-friendly refrigeration, 10th February 2012.
- A.K. Nigam, Tata Institute of Fundamental Research, Magnetic Shape Memory Alloys, 26th March 2012.

Sponsored Research Projects Sanctioned between June 2011 – May 2012

- J. A. E. Desa, Structural and Optical Properties of Rare-earth Doped Borate Glasses, November, 2011, 3 years, UGC-DAE-CSR, Rs. 0.35 lakhs per annum.
- Ramesh V. Pai, A parallel density-matrix renormalisation group algorithm and its application to strongly correlated quantum systems, 9th February 2012, 2 years, Goa University under Innovative Research Activities -XI year plan, Rs. 1.25 lakhs.
- K. R. Priolkar, Mechanism of Long Lasting Luminescence Compounds, 1st July 2011, Indo French Council for Promotion of Advanced Research, New Delhi, Rs. 84.15 lakhs.
- K. R. Priolkar, Study of Fe based Ferromagnetic Shape Memory Alloys, 1st October 2011, Council for Scientific and Industrial Research, New Delhi, Rs. 13.4 lakhs.

Ongoing Projects/Completed during June 2011 - May 2012

- J. A. E. Desa, Structural Studies of Gels by Light Scattering and SANS, December 2009, 3 years, UGC-DAE-CSR, Rs. 0.35 lakhs per annum.
- J. A. E. Desa, Studies of Porous Materials by SANS, December 2009, 3 years, UGC-DAE-CSR, Rs. 0.35 lakhs per annum.
- J. A. E. Desa, Structures of Borate and Porous Silicate Glasses, February 2011, 2nd year of 3 year project, DSTE-Govt. of Goa, Rs. 3.00 lakhs.
- K. R. Priolkar, Magnetic and Transport Properties of Iron Chalcogenides, 6th September 2010, DST, Government of India, Rs. 36.90 lakhs.
- K. R. Priolkar, Study of Magneto-elastic coupling in Antiperovskite Materials, 1st April 2011, BRNS, Department of Atomic Energy, Rs. 22.12 lakhs.

Ph. D. Degrees Conferred: 01.**Other Information:**

- **J. A. E. Desa**
 - Talk on “Glass Science” at the 15th Anniversary Celebrations of Marathi Vidnyaan Parishad – Goa Vibhag, Margao, Goa, 4th February 2012.
- **K. R. Priolkar**
 - Conducted Refresher Courses in Experimental Physics sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and National Academy of Sciences India, Allahabad, at Indian Academy of Sciences, Bangalore, December 2011 and ITER, SOA University, Bhubaneswar, May 2012.

Department of Electronics

Faculty

G. M. Naik, Ph. D., Professor and Head - Laser and Fiber Optics Systems, Sensors, Instrumentation

R. S. Gad, Ph. D., Associate Professor - Biomedical Electronics and VLSI

J. S. Parab, Ph. D., Assistant Professor - Embedded System and DSP

Major Thrust Areas of Research and Achievements:

Department is sanctioned with major research projects by UGC in the area of embedded systems and signal processing. M.Sc Electronics student projects were selected for JED-I completion held at IISc Bangalore.

Ongoing Projects completed during June 2011 - May 2012

- G. M. Naik, Innovative Program in Embedded System, 1st April 2007, 5 years, UGC, Rs. 75 lakhs.
- G. M. Naik and R. S. Gad, Design of hyperspectral smart sensors using soft-core processor and IP cores, March 2010, 3 years, UGC, Rs. 9.33 lakhs.
- R. S. Gad and G. M. Naik, Non-invasive glucometer, March 2010, 3 years, ICMR, Rs. 22.00 lakhs.

Infrastructure:

- Hyperspectral Camera, Portable NIR spectrophotometer, Ocean optics NIR Quest has spectral range from 900nm-2500nm.

Placement details:

- National Institute of Oceanography, DonaPaula: 3.
- Company: 03.
- Panjim, EME Automation: 2.

University Science Instrumentation Centre (USIC)

Faculty

R. V. Pai, Ph. D., Associate Professor (Department of Physics) and Co-ordinator – Theoretical Condensed Matter Physics

Madhusudan G. Lanjewar, M. Sc. Technical Officer - I – Electronics

Infrastructure:

- Horizontal Milling Machine is added in the Workshop.

Department of Earth Sciences

Faculty

K. Mahender, Ph. D., Professor & Head - Sedimentology, Petroleum Geology and Remote Sensing & GIS

A. G. Chachadi, Ph. D., Professor – Groundwater Geology, Environmental Geology and Exploration Geophysics

T. A. Vishwanath, Ph. D., Associate Professor - Metamorphic Petrology, Geochemistry and Igneous Petrology

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

Major Thrust Areas of Research and Achievements:

The Department is actively engaged in research leading to a better understanding of the structure and composition of the crust and the mantle, natural resources exploration and management. Multifaceted approach of the department is clearly evident from the nature of its research projects undertaken and implemented which include:

1. The mafic-ultramafic complexes intrusive along a linear belt parallel to the western coast of Goa and Karnataka.
2. The lower crustal material entertained in the form of xenoliths in the alkaline volcanic rocks intrusive into the Deccan basalts.
3. The dyke swarms with a view of understanding not only the nature of source and original but also the tectonic history of the shield.
4. Petrology, diagenesis and palaeoenvironmental studies of the Proterozoic and Jurassic sedimentary sequences of Kaladgi and Kachchh Basins, respectively.
5. "Coastal Geomorphology of Central West Coast of India".
6. Coastal ground water pollution and management, rainwater harvesting, drinking water problems in mining areas.

Further, the department is actively involved in creating geoscience educational awareness among school children and rural population for better management and conservation of natural resources.

Ongoing Projects/Completed during June 2011 - May 2012

- K. Mahender, Field Guide preparation on Sedimentary Sequence of Kachchh, August 2009, 30 months, DST New Delhi, Rs. 7.47 lakhs.

Placement details:

- Mining Company – 02 and Oil Services – 02.

Other Information:

- Department organised Workshops at Cotigao and at Savai Verem, Goa, on "Rainwater Harvesting and Water Conservation" under UGC Outreach Program coordinated by A. G. Chachadi and A. A. Viegas.
- Training cum selection camp was conducted for selecting the Indian Team for the 6th International Earth Science Olympiad, 7th to 27th May 2012. The camp was coordinated by T. A. Vishwanath with funding from Geological Society of India, Bangalore, through the Ministry of Earth Sciences.
- **A.A. Viegas**
- Attended Workshop on Awareness Raising Training Programme on "Water Conservation and Ground Water Management" organised by Central Ground Water Board, at Goa Engineering College, Farmagudi, 2nd February 2012.

2.4 Faculty of Life Sciences & Environment

2.4.0 General information regarding Faculty (Departments and Degrees):

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

FACULTY BOARD

Dean of Faculty	Chairman (Ex-Officio)
P. K. Sharma	Member (Ex-Officio)
P. V. Desai	Member (Ex-Officio)
S. K. Dubey	Member (Ex-Officio)
H. B. Menon	Member (Ex-Officio)
U. Muraleedharan	Member (Ex-Officio)
U. M. X. Sangodkar	Member (Ex-Officio)
D. J. Bhat	Member (Ex-Officio)
A. B. Shanbhag	Member (Ex-Officio)
M. K. Janarthanam	Member (Ex-Officio)
B. F. Rodrigues	Member (Ex-Officio)
S. K. Shyama	Member
Irene Furtado	Member
C. U. Rivonkar	Member
S. Kerkar	Member

Department of Botany

Faculty

P. K. Sharma, Ph. D., Professor & Head - Plant Physiology

M. K. Janarthanam, Ph. D., Professor - Plant Taxonomy (Angiosperms)

B. F. Rodrigues, Ph. D., Professor - Cytogenetics and Plant Breeding, Mycorrhizae, Wasteland Reclamation, Medicinal Plants

Vijaya U. Kerkar, Ph. D., Associate Professor – Algae, Pteridophyta

S. Krishnan, Ph. D., Associate Professor - Plant Developmental Biology, Rice Biology, Plant Biotechnology and Molecular Biology

Nandkumar M. Kamat, Ph. D., Assistant Professor - Biochemistry, Microbiology, Mycology, Fungal Bioprospecting and Biotechnology; Environmental Education and Science Popularisation

Major Thrust Areas of Research and Achievements:

Research on crop productivity under changing climate condition with an objective to understand physiological, biochemical and molecular mechanism of processes operating under specific stress condition. This work is also extended to Blue Green Algae (BGA) to characterise their behaviour with reference to primary and secondary metabolites. Effect of Metal nanoparticles on phytotoxic or otherwise effect on crop plants.

Developed a germplasm collection of monospecific cultures of AM fungi dominant in Goa. Screened and identified efficient AM strains for increasing yield and productivity in vegetable and plantation crops, flowering ornamental plants, mangroves and for plant species suitable for restoration of mine lands in Goa. Two new AM fungal species have been identified and reported from Goa.

Studies on obnoxious weeds predicted; their potential distribution sites and their great adaptability. A peculiar and unique self-pollination mechanism has been unraveled in *Rhamphicarpa longiflora*.

Diversity studies on fresh water algae of Goa have been continued. Several localities/species have been added. Assessment of harmful algal species for the coast of Goa has been carried out.

Rice grain biology, grain quality and rice salinity, stress tolerance, molecular genetic diversity studies, micropropagation of medicinal and critically endangered plants, *in-situ* and *ex-situ* conservation of plants. Molecular genetic diversity and *in-situ* and *ex-situ* conservation of critically endangered plants such as *Phyllanthus talbotii* has been achieved.

Isolation and addition of novel cultures of chemolithotrophic bacteria, detection of bacterioform gold from deep core samples; addition of cultures of actinobacteria, asco- and basidio-mycetous yeasts and fungi, tropical basidiomycetes and screening of the same for production of enzymes, organic acids, biominerals and antibiotics; studies on termite-

termitomyces biogeochemistry; production of termitomyces edible pelletized SCP; development of gold detecting mycobiosensor; production of gold micro- and nanoparticles; successful application of buried slide technique to study microbial succession in tropical soils and capturing 'in situ' nematicidal activity of predacious fungi; extraction of polysaccharides of tree gums; extraction and assay of lectins from jackfruit seeds; addition of several new cultures to Goa University fungus culture collection.

Sponsored Research Projects sanctioned between June 2011 – May 2012

- M. K. Janarthanam (PI), A. G. Chachadi (CI), Manoj R. Borkar (CI) and Rajendra P. Kerkar (CI). All India Coordinated Project on Sacred Grove Ecosystem Service Assessment: Ecosystem Service Assessment in Sacred Groves of Goa, 28th March 2012, 5 Years, Ministry of Environment and Forests (MoE&F), New Delhi, Rs. 36.41 lakhs.
- M. K. Janarthanam (PI) and S. Krishnan (CO-PI), Preventing Extinction and Improving Conservation Status of Threatened Plants through Application of Biotechnological tools, 23rd March 2012; 5 years, Department of Biotechnology (DBT), New Delhi, Rs. 35.71 lakhs.

Ongoing Projects/Completed during June 2011 - May 2012

- P. K. Sharma (PI). The behavior of engineered nanoparticle on interaction with plants root, their absorption, uptake, translocation, photosynthesis and molecular response under controlled conditions in hydroponics system, 2010, 3 years, DST, New Delhi, Rs. 33 lakhs.
- M. K. Janarthanam (PI) and S. Krishnan (CI). *In-situ* conservation of critically endangered monotypic tree genus (*Pseudoglochidion*) and a shrub species (*Phyllanthus talbotii*) of Western Ghats using conventional and biotechnological tools, 13th August 2008; 5 years, Department of Biotechnology (DBT), New Delhi, Rs. 60.45 lakhs.
- B. F. Rodrigues (PI). Screening for efficient Arbuscular Mycorrhizal (AM) fungal bioinoculants in selected ornamental flowering plants of commercial importance, Department of Science and Technology (DST), New Delhi, Rs. 6.22 lakhs.
- Vijaya Kerkar (Co-PI) and C. U. Rionker (PI). An Assessment of occurrence of algal blooms along the coast of Goa and Gujarat and its ecological implications, MOES/10-MLR/2/2007, 13th February 2008 to 31st March 2012, Ministry of Earth Sciences, Rs. 24.96 lakhs.
- S. Krishnan (PI). Grain Quality Evaluation, Chalkiness Formation and Molecular Genetic Diversity of Rice Varieties of Goa, 19th March 2010, 3 years, Department of Science, Technology and Environment, Government of Goa, Rs. 5.50 lakhs.
- Nandkumar Mukund Kamat (PI). Creating wealth from mining waste: Towards ecofriendly and sustainable management of Goa's Iron and Manganese ore reject dumps, 18th November 2009, 2 years (to be extended for two more years w.e.f. 2012-13), M/s R. N. S. Bandekar and Brothers, Vasco da Gama, Rs. 15.76 lakhs.

Infrastructure:

- DST-FIST level 1B programme has been sanctioned to the Department. Cold room facility has been established in the Department.

Other Information:**Awards/Honours conferred:**

- N. Kamat received Gomant Vidya Niketan, Margao's prestigious international level Keshav Naik Memorial Award for outstanding social service, Rs. 10000 and a citation at the hands of the Chief Minister, 25th March 2012, Ravindra Bhavan, Margao, Goa.
- Seema Kamat and B. F. Rodrigues received Best Research Paper Presentation Award at the Maharashtra State level Seminar on "Recent Innovative Trends in Plant Sciences" organized by Mahatma Phule A. S. C. College, Panvel, Maharashtra, 2012.

Other special achievement by students/staff:

- N. Kamat, as Chairman of Goa government's Task Force Committee, under Directorate of Industries, Trade & Commerce, prepared and presented a five-volume report on Food Processing Policy: Vision and Mission, to the Hon. Chief Minister of Goa, 26th November 2011. The report is hosted by Goa Chamber of commerce and industries (GCCCI)
http://www.goachamber.org/html/index.php?option=com_content&view=article&id=1026:task-force-report-on-food-processing-in-go&catid=227:reports&Itemid=121;

N. Kamat, in association of GCCCI, organised a public lecture of food biotechnologist, Navin Rastogi, CFTRI, Mysore, 12th January 2012 at GCCCI hall, Panaji;

N. Kamat organised an industrial study visit of PG students to UNICHEM R & D Centre, and Biosciences Lab, Pilerne Industrial Estate, 11th February 2012 and arranged special expert lectures and demonstrations on Bio/Chemoinformatics in pharma industry and glycobiology/affinity chromatography;

N. Kamat organised an educational excursion to Swapnagandha-Wilderness Ecotel, Chorlem, Sattari, for PG students, 24 Oct. 2011;

N. Kamat concluded a monthly series of articles on International Year of Chemistry 2011 in Goa Today, Goa's oldest English newsmagazine;

N. Kamat uploaded his 500 plus educational videos on YouTube channel <http://www.youtube.com/user/nandkamat> for global audience; BBC-UK expressed interest in using footage from one of the videos, i.e. World's First video on soil nematode trapped by *Drechslerella anchonia* mycoadhesive, <http://www.youtube.com/watch?v=v8Y8i5DDsHs> on nematophagous fungi in action;

N. Kamat maintained his exclusive webportal on Termitophilic mushrooms <http://kamat-termitomycopedia.blogspot.in/> and uploaded 12 new and original videos of educational and research interest;

N. Kamat uploaded <http://archive.org/details/Mhadei-kallzantlyanKagdar..anEcoanthropologicalStudyOfMhadeiRiverBasin>, the first Konkani ebook - a major eco-anthropological work in Konkani;

N. Kamat, as member of Goa Traditional Occupations Accreditation Council under the Directorate of Social Welfare contributed to draft the welfare scheme 'Goenche Daiz', gazetted in Goa Gazette, November 2011 targeted at 80,000 beneficiaries;

N. Kamat chaired a public hearing on Village Panchayats, Council for Social Justice and Peace, 28th April 2012, Caritas Holiday Home, Panaji;

Member, Expert Committee on training module, NBA, Chennai;

As a member of Goa State Environment Protection Council submitted a report on Solid Waste Management and Model SWM policy to the Chairman of the Council, H.E. the Governor of Goa.

- B. F. Rodrigues was the Chief Guest for the Valedictory function of the National Conference on "Frontiers of Plant Sciences for Sustainable Agriculture and Rural Development" held on 29th January 2011 at Naldurg, Aurangabad and organized by B.S.S College, Naldurg, Aurangabad.
- B. F. Rodrigues was invited as Subject Expert on the Selection Committee for CAS in Botany, Shivaji University, Kolhapur, on 16th February 2012.

No. of Radio talks/T.V. interviews/Popular articles:

- TV interviews - 3, popular articles-Marathi- 15, English- 120, Konkani- 02.

Department of Microbiology

Faculty

Santosh Kumar Dubey, Ph. D., Professor & Head (Co-ordinator, UGC sponsored Innovative course Marine Microbiology) - Molecular Microbiology of fish pathogens, Genetic Engineering, Environmental Biotechnology (Metal Resistance Bacteria), Marine Microbiology, Metagenomics, Agriculture Microbiology, Microbial Prospecting for industrially important enzymes, EPS and antimicrobials.

S. Bhosle, Ph. D., Professor - General and Environmental Microbiology, Marine Microbiology, Extremophiles

I. Furtado, Ph. D., Professor, Archaea (haloarchaea) - Extremophilic microorganisms, Ecology and sustainability; Microbial Systematics; Microbial degradation and Microbial Biofertilizers

S. Nazareth, Ph. D., Associate Professor - Biochemistry, Antimicrobials Microbial degradations and metal remediation, Halophilic fungi

S. Garg, Ph. D., Associate Professor - Industrial and Medical Microbiology, Fermentation Technology, Industrial Enzymes, Biopolymers, Biofertilisers, Ectomycorrhizae, Immunology, Bioinsecticide, Biostatics and Biomathematics, Marine Microbiology, Bioremediation

Temporary Faculty:

Aureen Gomes, Ph. D., Assistant Professor - Environmental Microbiology, General Microbiology and Marine Microbiology

Major Thrust Areas of Research and Achievements:

- Microbial diversity: Coastal, marine and extreme ecosystems. (Ecology of Salt Pans of Goa-India vis-a-vis its Impact on Community Structure of Halophilic Archaea, Pigments in Haloarchaea); Microbial Transformation/bioremediation of metals, organometals, organic aliphatic and aromatic pollutants; Biosorption of heavy metals using bacterial, fungal, Haloarchaeal Systems; Identification and characterisation of environmentally and industrially valuable microbes; Bioprospecting of microbial enzymes including extremozymes, antimicrobial metabolites; Bioplastic, exopolysaccharide, bioactive compounds, Siderophores, pigments, biosorbs and plant growth promoting metabolites; Molecular microbiology of bacterial fish pathogens; Process development for enzyme, pigment and bioplastic; Microbial inoculants for applications in crop cultivation and forest restoration.

Achievements:

- Faculty has been working on the above research thrust areas through sponsored projects and mentoring several Ph. D. students.

Visiting Scholars:

- A. K. Shah, M. S. University, Baroda, Fermentation Technology, 28th and 29th March 2012.

Ongoing Projects/Completed during June 2011 - May 2012

- Saroj Bhosle (PI). Anoxygenic phototrophic bacterial primary productivity and studies on the endolithic bacterial communities of marine ecosystems, 2009-2012, Ministry of Earth Sciences, New Delhi, Rs. 10.95 lakhs.
- I. Furtado and Saroj Bhosle (group member of nano mission), Nano mission project for Goa University, March 2010 (5 years), DST, India, *2.67 Crores. (*Total sanction for the entire research group involved in nano-mission project of Goa University).

Infrastructure:

- Ice Flake Machine, IEF System.

Number of Ph. D.'s awarded: 2.

Placement details:

- Students are employed in Industries, colleges and institutes.

Other Information:**Other special achievement by staff/students:**

- **S. K. Dubey**
 - Invited to deliver lecture in plenary session of "International Conference on Microorganisms in Environmental Management and Biotechnology". He was also invited to co-chair the session on "Microbes and Products in Environmental Management".
 - Resource person (Expert) for Refresher Course in Plant Sciences organised by Academic Staff College, BHU, Varanasi, 1st and 2nd December 2011.

- Brenda D'Costa and Sushma Patil were awarded UGC Research Fellowship in Science for Meritorious Students.
- Kashif Shamim was awarded Maulana Azad National Research Fellowship, sponsored by UGC, New Delhi.

Department of Marine Sciences

Faculty

G. N. Nayak, Ph. D., Professor & Head - Marine Geology, Modern Sedimentology, Sediment Geochemistry, Coastal Dynamic, Estuarine Sediments, Tidal/Mud Flats, Environmental Studies

H. B. Menon, Ph. D., Professor - Physical Oceanography and Meteorology, Optical Remote Sensing, Marine and Atmospheric Optics, Radiative Transfer Modeling

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

Vishnu M. Matta, Ph. D., Associate Professor - Environmental Pollution, Water Chemistry & Elemental Composition of Seaweeds

C. U. Rivonker, Ph. D., Associate Professor - Fisheries

A. Can, Ph. D., Assistant Professor - Physical Oceanography, Satellite Oceanography, Satellite Meteorology, Ocean Circulation, Air-sea Interaction, Indian Monsoon

Major Thrust Areas of Research and Achievements:

Physical Oceanography: Radiative transfer modeling of visible spectrum of EMR and algorithm development to retrieve optically active substances from coastal and estuarine waters (Case II waters) through optical remote sensing and process studies; Analysis of aerosol from *in-situ* and remotely sensed data; Air-sea interaction and genesis of water masses; Satellite oceanography and meteorology; Air-sea interaction and genesis of water masses, ocean circulation.

Marine Chemistry: Nutrients and trace metal distribution in estuaries. Sorptions modeling of trace metals. Biogeochemical cycling of nutrients and trace metals in estuaries and adjoining coastal waters. Impact of pollutants on water quality, sediment composition and biota in estuaries and adjoining coastal waters.

Marine Biology: Data base and photo-documentation of demersal fish communities in coastal and estuarine waters; Trawl catch trends and composition.

Marine Geology: Coastal and estuarine sediment characterisation, Coastal morphology and dynamics, Coastal zone management, Impact of mining on lacustrine and estuarine sedimentary environment-suspended and bed-load sediments, Geochemistry of lacustrine & estuarine sediments and tidal/mudflat sedimentary environment, Speciation of elements in estuarine sediments and bioavailability of metals, Magnetic susceptibility of estuarine and mudflat sediments, Suspended matter and its chemistry of Southern Ocean, Environment assessment studies of estuaries and lakes, Reading pollution history through mudflat studies.

Sponsored Research Projects sanctioned between June 2011 – May 2012

- G. N. Nayak (PI). High resolution paleoclimatic studies from the Bay of Bengal, 3 Years, 2012–15, Multi-institutional Project coordinated by NIO, Goa, Ministry of Earth Sciences, Government of India, New Delhi, Rs. 3.90 lakhs for first year with Project Fellow – 1.
- H. B. Menon (PI) and Vishnu M. Matta (Co-PI). Variability of colour components in the estuarine and coastal regions of eastern Arabian sea and its predictive potential to Naval application, S. R. F.– 03, J. R. F. – 01, Naval Research Board, Rs. 61.47 lakhs.
- Vishnu M. Matta (PI). Atmospheric deposition and its influence on nutrients in coastal waters of Goa West Coast of India, November 2011, 5 years *i.e.* up to 2015-2016, Ministry of Earth sciences, New Delhi, Rs. 47.37 lakhs.
- Usha Muraleedharan (PI) and Vishnu M. Matta (Co-PI). Biogeochemical studies of the Arabian sea and the effect of riverine inputs from the Mandovi-Zuari systems along the West Coast of India, November 2011, 5 years *i.e.* up to 2015-2016, Ministry of Earth Sciences, New Delhi, Rs. 64.00 lakhs..
- C. U. Rivonker (PI). Ballast Water Management Programme, India, July 2011, 6 years, CSIR, NIO, Rs.1.06 crores.

Ongoing projects/Completed during June 2011 - May 2012

- G. N. Nayak, (PI). Understanding depositional environments, metal concentrations and processes through the study of mudflats within Mandovi-Zuari estuarine system, Goa, 3 Years, 2011-14, UGC, New Delhi, Rs. 6.86 lakhs with one Project Fellow.
- G. N. Nayak (PI). Reading pollution history, paleoclimate and sea level changes from the study of mudflats Central West Coast of India, 3 Years, 2008-2011, Completed on 31st December 2011, Ministry of Earth Sciences, Government of India, New Delhi, Rs. 61.75 lakhs. RA-1 and JRF's - 3.
- H. B. Menon (PI). Variability of Remote Sensing Reflectance and its Implication to Colour Component Analysis - A study in the Estuarine and Coastal Waters of Eastern Arabian Sea, Ministry of Earth Science, Rs.73.38 lakhs. SRF's – 3, JRF – 1.
- H. B. Menon (PI). Aerosol Radiative Forcing over India (ARFI), Department of Space, Space Physics laboratory, ISRO, Rs. 87.36 lakhs. JRF – 1.

Number of Ph. D.'s awarded: 02.

Other Information:

Awards/Honours conferred:

- **G. N. Nayak**
 - Research Paper titled “Assessment of sources and factors controlling the distribution of metals in estuarine mudflats along west coast of India”, by Anant Pande and G. N. Nayak, presented at the International Conference on Sediment Management 2012, Mumbai, 21st to 23rd March 2012 received the second Best Poster Award.
 - Research Paper titled “Distribution and contamination status of metals in mangrove sediments of Thane creek, Mumbai, India” by Lina Fernandes and G. N. Nayak, presented at the International Conference on Sediment Management 2012, Mumbai, 21st to 23rd March 2012 was awarded Second Best Paper Award under Young Scientist Presentation Category.

- Research Paper titled “Glacial-Interglacial size variations of diatom *Thalassiosira lentiginosa* from Southern Ocean: Insights from productivity and environmental conditions” by Sunil Kumar Shukla, Xavier Crosta, M. Sudhakar, G. N. Nayak and Olivier Ther, presented at the National Seminar on Modern and Paleo Sediments and XXVIII Convention of Indian Association of Sedimentologists, 24th to 26th November 2011 JNU, New Delhi received the Best Poster Award.

Other special achievements:

- **G. N. Nayak**
 - Attended Workshop on “Arctic Research Projects” held at NCAOR, Goa, 28th February 2012.
 - Attended ICZM Workshop organised by Ministry of Environment and Forests held at Hotel Holiday Inn at Mobor, Goa, 24th February 2012.
 - Member of Ocean Science and Technology Cell, Tamil University, Tanjavur 2010-2013.

Other special achievements by students/staff:

- Sunil Kumar Shukla joined as UGC Dr. Kothari Post-Doctoral Fellow, with three years fellowship from September 2011.
- Lina Fernandes received Young Sedimentologists Award at the XXVIII Convention of IAS held at JNU, New Delhi for the paper titled “Enrichment and bioavailability of metals in sediments with time in Thane creek, Mumbai, India”, November 2011.
- Maria Fernandes participated in the Sixth Expedition 2012 of Southern Ocean Expedition.
- Maria C. Fernandes and Cheryl A. Noronha received Maulana UGC Fellowships.
- Maheshwar R. Nasnodkar received the DST-Inspire Fellowship.

Department of Zoology

Faculty

P. V. Desai, Ph. D., Professor & Head - Physiology - Neurophysiology, Tissue Culture.

A. B. Shanbhag, Ph. D., Professor - Endocrinology, Wetland Biology

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

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

I. K. Pai, Ph. D., Associate Professor - Genetics, Sericulture

Anumol Sashikumar (1st term), M. Sc., Assistant Professor - Physiology, Animal Cell Culture

Major Thrust Areas of Research and Achievements:

The faculty and research scholars are engaged in research activities in the field of animal tissue culture pertaining to stem cells, nerve cell lines of mollusca and other invertebrates; electro physiology of nervous and cardiac tissues; adaptation biochemistry with respect to membrane structure and cellular functions; nutritional biochemistry with respect to lipid metabolism and role of PUFA in maintaining the organism in a well being state; to understand the hepatitis and its prevention; human genetics concerning congenital malformations, genetic toxicology, anti-mutagenicity and antitumor studies of spices. Bio prospecting, Biodiversity and ecodynamic studies pertaining to zooplankton, ants, beetles *etc.* of the region; Ornithological studies with respect to freshwater and estuarine wetlands and ecology of monoculture forest plantation.

The Department received Special Assistant Programme under DRS-1 of UGC for Research and Teaching in the area of "Comparative Animal Physiology and Biodiversity".

The Department received second phase of FIST grants for DST, New Delhi to procure Ultra Centrifuge for Research and Teaching work.

Visiting Scholars

- U. C. Goswami, Guwahati University, Assam, Lecture series on "Wild Life Biology and Conservation", 1st to 11th February 2012.
- Jay Samant, Shivaji University, Kolhapur, Lecture series on "Ecology and Environment", 14th February to 31st March 2012.

Sponsored Research Projects during June 2011 - May 2012

- P. V. Desai (PI). Characterisation and maintenance of cell lines of fish and crab, BT/PR4452/AAQ/3/584/2012 dt. 23rd March 2012 for 2 years, Department of Biotechnology, Government of India, Rs. 4.05 lakhs.

Ongoing Projects/Completed during June 2011 - May 2012

- P. V. Desai (PI). Development of cell line from commercial available prawn *Penaeus monodon*, sanctioned on 8th May 2010/STE-DIR/ACCT/304, 27th May 2010, 2 years, DSTE, Government of Goa, Rs. 11.10 lakhs.
- R. Roy (PI). Lipidomics of some fishes: Control of Inflammatory diseases, BT/PR11635/AAQ/03/448/2008, 9th September 2009, 3 years, Department of Biotechnology, Government of India, Rs. 28.93 lakhs.
- R. Roy (PI). Membrane lipid bilayer structure: A study with gill epithelial cells of mud crab, *Scylla serrata*, F. 34-451/2008(SR), 26th December 2008, 3 years, UGC, New Delhi, Rs. 7.37 lakhs.
- S. K. Shyama (PI). Genotoxicity studies on field Population of commercially important Fin Fishes and Shell fishes of Central West Coast of India, Sanction No: MoES/II-MRDF/I/38/P/I O-PC-III, 30th June 2010, 3 years (2010-2013), Ministry of Earth Sciences, Government India, Rs. 15.89 lakhs.
- S. K. Shyama (PI) and Tangsali R. B. (Co-PI) of Department of Physics, Goa University. Genotoxicity investigation of Magnetic Nanoparticles (MNPs) in Mammalian cell". A component of a joint interdisciplinary project titled "Synthesis, Characterisation and Applications of Functionalised Nanomaterials", Sanction No SR/NM/NS-86/2009, 1st October 2010, 3 years (2010-2013), Department of Science & Technology Government of India, Rs. 2.70 crores.
- I. K. Pai (PI). Investigations in zooplankton diversity, distribution pattern and documentation in the south west coast of Indian EEZ, F. No. 37-158/2009 (SR), 12th January 2010, 3 years, UGC, New Delhi, Rs. 6.91 lakhs.
- Shanti Desai (PI). Culture and Characterisation of mantle cells of *Phaphia malabarica*, DST, New Delhi, Sanction Letter No. SR/FT/LS-037/2008, 12th January 2009, 3 years, Rs. 18.5 Lakhs.
- S. K. Shyama (PI), Bhaatsingh Sonaye (Co-PI), GMC, Goa and C. I. R. C. Chaubay (Co-PI), BARC Bombay. Evaluation of the genotoxic effect of ionizing radiation in somatic/germinal cells of fishes, Sanction Letters No. 2009/36/05-BRNS/264 dt 5th May 2009 (Rs. 26.99 lakhs dt 15th November 2011, Rs. 4.625 lakhs, four years (2009-2013), Department of Atomic Energy Government of India.

Infrastructure:

- Biosafety cabinet, Egg incubator, Monocular microscope, PCR.

Other Information:

Awards/Honors conferred:

- Soccorinha D'Costa received the Best Poster Presentation Award during the National Seminar organised by the department.

Department of Biotechnology

Faculty

U. M. X. Sangodkar, Ph. D., Professor - Genetic Engineering, Microbiology, Biodegradation.

U. Barros, Ph.D., Associate Professor - Bioactive substances of clinical/medical importance, Immunology, Lectins and Anti-Oxidants from sea weeds

S. C. Ghadi, Ph. D., Associate Professor - Applied Enzymology, Molecular Biology

U. D. Muraleedharan, Ph. D., Associate Professor & Head - Biochemistry, Enzymology, Biological Oceanographic Processes

S. Kerkar, Ph. D., Associate Professor - Marine Microbiology, Hypersaline ecosystems, Sulphate reducing bacteria

Major Thrust Areas of Research:

- Study of agarases and other commercially important enzymes from marine bacteria; Biodiversity of hypersaline bacteria and their bioremediation of heavy metals; Extraction of toxins from marine organisms; Biotechnologically important proteases and xylanases 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; Ecology of sulphate reducing bacteria from hypersaline environment; Extraction and study of lectins from marine algae; Bioactive compounds from salterns; Biotechnological degradation of oil spills and tar balls by means of selective marine microbial consortia developed for marine pollution control; Establishment of methods to study the risk assessment of recombinant DNA in controlled marine conditions.

Achievements:

- Establishing the potential of a peptide antibiotic produced by a salt pan isolate. Halotolerant bacteria with promising antagonistic activity against phytopathogenic fungi have been studied.
- Assessment of heavy metal pollution in mangrove/sediments has been carried out.
- Regulation of SRA in Mangrove ecosystems with ambient Fe concentration studied.
- Hypersaline bacteria have been used as probiotics in aquaculture.
- Biofertiliser potential of hypersaline bacteria on leguminous plants has been established.
- IAA producing bacteria have been reported for the first time from biofilms of solar salterns.
- A novel species belonging to *Microbulbifer* genus has been isolated from mangrove with multiple polysaccharide degrading capability.
- Medicinal property associated with *Grewia nervosa* is being studied. The plant extracts show promising anti-diabetic & antioxidant activity
- Characterisation of endoglucanase and β -glucosidase activities from the marine protists, Thraustochytrids

- Deep-sea bacteria with special enzymatic and pigment producing properties have been characterised.
- Partial characterisation of the bioactive potential of *S. caseolaris* has been carried out.
- Potential amylase producing Thraustochytrids have been isolated.

Visiting Scholars:

- S. S. Lele, Institute of Chemical Technology, Mumbai, Challenges in Biological Treatment of Industrial Effluents. Personality development and career planning, 23rd July 2011.
- Durgadas Kasbekar, CCMB, *Neurospora crassa* and Biological Sciences Journal, 23rd September 2011.
- Ryan Apolin Pereira, Education USA, Senior Advisor (USIEF) 2nd Floor Maker Bhavan -1, "Higher Education in the US", 12th October 2011.
- Ashwin Rai, College of Fisheries, Mangalore, Aquaculture Technology, 12th to 14th March 2012.
- Bishwajeet Maitri, College of Fisheries, Mangalore, Marine Pharmacology, 12th to 14th March 2012.
- Jay Samant, Environmentalist, Kolhapur, Biodiversity and Conservation, 6th to 28th March 2012.
- R. A. Sreepada, N. I. O., Goa, Marine Pharmacology, 12th to 14th March 2012.

Sponsored Research Projects during June 2011 - May 2012

- Usha Muraleedharan (PI) and V. M. Matta (Co-PI). Biogeochemical studies of the Arabian Sea and the effect of riverine inputs from the Mandovi-Zuari system along the West Coast of India, Financial sanction in November 2011, MOES (Government of India), Rs. 64.00 lakhs.

Ongoing Projects/Completed during June 2011 - May 2012

- Savita Kerkar (PI). 1st October 2008 to 31st March, Council of Scientific and Industrial research (CSIR), Rs. 29.86 lakhs.

Placement Details:

- Ankita Malik, Ph. D., National Institute of Immunology, New Delhi.
- Nasreen Bagbul Choudhury, Ph. D. Indian Institute of Science, Bangalore.
- Arun Kumar, ICMR- JRF, DBT - JRF.
- Rajneesh, DBT - JRF.
- Subir Mandal, Quality Assurance Officer, Food Corporation of India, UGC-LS.
- Ved Prakash Gupta, CSIR - JRF, DBT - JRF.
- Ritika, Private Entrepreneur.

Other Information:

Awards/ Honours conferred:

- Surya Nandan Meena, received Best Poster Award at the Second National Conference on Biotechnology, Bioinformatics and Bioengineering.
- Flory Pereira and Savita Kerkar, received Best Poster Award for the poster titled "Study of heterotrophic bacteria from a solar saltern influences by heavy metals

from mining effluents” at the 3rd International Conferences on Ecotoxicology and Environmental Science (ICEES-2011) held at Goa, 28th to 30th November 2011.

Other special achievement by students/staff:

- **S. C. Ghadi**

- Member of the Indo-Norway Review Committee for the review of Indo-Norway collaborative project on Aquaculture and Fisheries (2011-12).

- **Savita Kerkar**

- Member of 32nd Antarctic Expedition Review Committee to evaluate projects for the June 2012 Expedition.
- Member of Earth Science Research on Disaster Preparedness CSIR HRDG, New Delhi 2010-11.
- Member of Technical Advisory Committee, Goa State Pollution Control Board.
- Member of Goa State Environmental Assessment Committee.
- Member of Goa State Coastal Regulation Zone Management Authority (GCZMA), July 2011.

2.5 Faculty of Management Studies

2.5.0 General information regarding Faculty (Departments and Degrees):

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

FACULTY BOARD

Dean of Faculty	Chairman (Ex-Officio)
Nandakumar Mekoth	Member (Ex-Officio)
Purva Hegde Dessai	Member
Dayanand M. S.	Member
R. Nirmala	Member
Nilesh Borde	Member

Department of Management Studies

Faculty

Nandakumar Mekoth, Ph. D., Professor & Head- Marketing, Finance

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

Purva Hegde Desai, A.C.A., Ph. D., Associate Professor – Finance, Marketing

R. Nirmala, Ph. D., Assistant Professor – Marketing, Human Resources

Nilesh Borde, M. Com., Assistant Professor – Finance

Contract basis:

Tejashree Kolvalkar, Ph. D., Assistant Professor – IT

Edgar D'souza, M. Sc. T. H. M., Assistant Professor, Hospitality Management

Kirti Tyagi, M. B. A., Assistant Professor, Human Resources

Kevin D'souza, M. A. T. M., Assistant Professor, Hospitality

Major Thrust Areas of Research and Achievements:

The department has a research focus in the areas of consumer behaviour and organisational behaviour with the main topics of research being complaining behaviour, customer satisfaction and loyalty, stress management, quality of work life, market orientation and attraction development. The verticals have been hospitality and tourism, healthcare and banking. The department has started Integrated MBA course in Hospitality, Travel and Tourism.

Visiting scholars:

- Rajesh Chedda (C.A.), Financial Planning, 2nd February 2012.
- Swapnil Naik, Director of Tourism, Government of Goa, Tourism Development in Goa, 30th January 2012.
- Jerry Mathew, Director of Hello Group, Entrepreneurship, 25th January 2012.
- Sharu S. Rangnekar (Management Educationist), Importance of Soft Skills, January 2012.

Infrastructure:

- EBSCO: Journal Data Base; Wireless Connectivity for Laptops; Course Management Software; SPSS; Capita Line; Book-Bank; Print Journals; Digital Server System; LCD Projectors; Heavy Duty Scanner; Interactive Board; Digital Visualizer.

Placement details:

- Bank of Baroda -3, Bajaj Allianze – 2 and NRB Group-HQ -1.

Other Information:**Special achievement by students/staff:**

- **Nandakumar Mekoth**
 - Chaired a session at the Seminar on “Responsible Tourism – Issues and Challenges” at National Institute of Tourism & Hotel Management, Hyderabad, 11th and 12th November 2011.
 - Resource Person for National Workshop on “Research Methods & SPSS”, conducted by National Institute of Tourism and Hotel Management, 26th and 27th December 2011.
 - Chief Guest at a function to release Magazine and Business Cases, and inauguration of Language Lab at M.E.S. College of Arts & Commerce, Zuarinagar, Goa, 17th March 2012.
- **M. S. Dayanand**
 - Blind Review of Books and Handbooks on Tourism for IITTM, Gwalior.
 - Special Invitee for a meeting of the Board of Studies in Management of the IIS University, Jaipur, 23rd April 2012.
 - Attended Conference on Director’s Conclave at IITTM, Gwalior, 24th and 25th December 2011.
 - Attended National Conference on “Global Economic Crisis and its impact on Indian Corporate and Government” held at Raja Rajeshwari College of Engineering and Management, Bangalore, 15th and 16th March 2011.
- **Purva Hegde Desai**
 - Co-ordinator and Resource Person, Five Days State-level Research Methodology Workshop at the Department of Management Studies, Goa University, 9th to 13th April 2012.
 - Resource Person at Workshop on Business Accounting Syllabus for B.C.A. course at Shree Damodar College of Commerce and Economics, Margao, Goa, 7^h July 2011.

- Resource Person at U. G. C. financed workshop on 'Entrepreneurial opportunities for women and youth in ITES', by the Department of Management Studies, Goa University on 23rd to 24th November 2011.
 - Resource Person at Management module of the 'Study India Program' of Goa University for Japanese students of Nihon University, Japan, on the topic 'Finance for Business and IFRS', 4th to 6th January 2012.
 - Resource Person at Workshop for Women Scientists organised by the Institute of Management, Training and Research, Margao, Goa, at International Centre, Dona Paula, Goa on the theme 'Change in Government Organisations', 29th February 2012.
 - Chaired a session on VAT at a Seminar on 'Recent Changes in Finance' at Damodar College of Commerce and Economics, Margao-Goa on 19th March 2012.
 - Judge at State-level Inter-Collegiate Management Event titled "Impressions" organised by Rosary College, BBA at the event 'Innovative Course' at Margao, Goa, 8th October 2011.
 - Data collection for compilation by Confederation of Indian Industries about the details of Industries in certain Industrial Estates of Goa through MBA students, 28th and 29th October 2011.
- **R. Nirmala**
 - Participated in the Workshop on "Academic Research Writing" conducted by Aniket Alam (Economic and Political Weekly) organised by Department of Economics, 3rd April 2012.
 - Organised Workshop titled "Building Transformational Leaders at Work" in Panaji, Goa for working executives, 26th and 27th August 2011.
 - Chief Resource Person and workshop co-ordinator, "Supervisory skills and Lean Manufacturing for Small and Medium Enterprises", Department of Management Studies, 21st and 22nd October 2011.

Invited lectures/sessions in workshops/training programmes, etc:

- "HR essentials that entrepreneurs must know" - a session in the two day workshop conducted on 'Entrepreneurial opportunities for women and youth in tourism', by the Department of Management Studies, Goa University on 16th and 17th November 2011.
 - "Basics of Management and HR" a session in the two day workshop conducted on 'Entrepreneurial opportunities for women and youth in ITES', by the Department of Management Studies, Goa University on 23rd to 24th November 2011.
 - Co-ordinator for the Management module of the 'Study India Program' of Goa University for Japanese students of Nihon University, Japan.
 - Resource Person for 'Management and HR Essentials', 2nd and 6th January 2012.
- **Nilesh Borde**
 - Resource Person for the Management module of the SIP Program for Japanese students of Nihon University, Japan, on the topic 'Basics of Finance', 2nd January 2012.
 - Coordinator for Workshop on "Investment in Turbulent Times" conducted in collaboration with GMA, 24th and 25th February 2011.

- **Tejashree Colvalcar**

- Deputed to Hochschule University of Applied Sciences, Ingolstadt, Germany, under the DAAD German Academic Exchange Service Program with Goa University, 8th May 2012 for two weeks.
- Conducted a Session on “Understanding Indian Small and Medium Scale Enterprises (SMEs) supplying to European Firms - A focus on the Auto Component Industry”, at Hochschule University of Applied Sciences Ingolstadt, Germany, 21st May 2012.
- Conducted Workshop on “Entrepreneurial Opportunities for Women and Youth in IT Enabled Services”, 23rd and 24th November 2011.
- Conducted a session on “Literature Review” at the Workshop on “Research Methodology” held at Goa University, 9th to 13th April 2012.
- Conducted a session on “Stress Management for Bankers in Nationalised Banks” for All Goa Canara Bank Employees, 9th March 2012.
- Conducted the sessions on “Essentials of Lean Management”, “5S Implementation” for Supervisors and Managers from the Manufacturing Industry during the Workshop “Supervisory Skills and Lean Manufacturing for Small and Medium Enterprises”, 21st and 22nd October 2011.
- Conducted a session on “Entrepreneurial Opportunities for Women and Youth in IT Enabled Services” during the Workshop ‘Entrepreneurial Opportunities for Women and Youth in IT Enabled Services’, 23rd and 24th November 2011.
- Attended a seminar 'Entrepreneurs Notepad 2012' organised by Goa Chamber of commerce and industry (SPED Committee), 7th September 2012.
- Attended the 'Agile Goa 2012' Conference which was co-organised by the Computer Society of India (CSI), Goa Chapter and the Agile Software Community of India (ASCI), 25th and 26th August 2012.
- Attended a Workshop on “Effective use of emerging ICT Technologies in Education”, Goa University, 13th July 2012.
- Attended a CII Workshop on Lean Management held in collaboration with GCCI at Goa, 12th March 2012.

Number of Radio talks/TV interviews/Popular articles:

- Purva Hegde Desai, GMA Publication – Annual Special Issue 2011, 2nd April 2011 on “Working Capital Management – Current Scenario.”

2.6 Faculty of Commerce

2.6.0 General information regarding Faculty (Departments and Degrees):

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

FACULTY BOARD

Dean of Faculty	Chairman (Ex -Officio)
B. Ramesh	Member (Ex -Officio)
Y. V. Reddy	Member
Raju A.	Member

Department of Commerce

Faculty

B. Ramesh, Ph. D., Professor, Dean (upto 12.9.2011) & Head (upto 06.9.2011) - Accounting & Finance, Capital Market Studies

Y. V. Reddy, Ph. D., Professor, Dean (From 12.9.2011), & Head (from 06.9.2011), - Accounting & Finance and Capital Market Studies

Anjana Raju, Ph. D., Associate Professor - Accounting & Finance, Capital Market Studies, Mergers & Acquisitions and Financial Services.

K. B. Subhash, Ph. D., Associate Professor- Finance, Quantitative Techniques, Materials Management, Strategic Management.

P. Sriram, Ph. D., Assistant Professor - Finance, Accounting and Security Analysis, Portfolio Management

Temporary Faculty:

Pournima S. S. Dhume, M. Com., Lecturer, Accounting & Finance, Financial Services, Taxation & Capital Market Studies

Angelina J. C. Piementa, M.C.A., Lecturer, Computer Science & Management

Poornima B. G., M. Phil., Lecturer, Accounting & Finance

Major Thrust Areas of Research and Achievements:

Doctoral Research guidance undertaken in the Department by all staff members includes the areas of Mutual Funds, Venture Capital, Investor Protection, Stock Market Trading, Primary and Secondary Capital Market.

Number of Ph. D.'s awarded: 05.

Placement Details:

The Clearing Corporation of India Ltd, Mumbai – 02

Other Information:**Fellowships/Visiting Professorships, etc.:**

- B. Ramesh, invited as Adjunct Faculty at the School of Commerce and Management Sciences, Swami Ramanand Teerth Marathwada University, Nanded, for the academic year 2010-11.
- Anjana Raju, invited as Co-Chairman for Technical Session I (Accounting and Reporting Practices: Ethical Dimensions) at the 64th All India Commerce Conference organized by All India Commerce Association and Department of Commerce, School of Management, Pondicherry University, Pondicherry, 13th to 15th December 2011.

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

A. V. Afonso, Ph. D., Director/Coordinator

Ishwar Singh, Ph. D., Assistant Professor-cum-Asst. Director, Social and Political Theory, Tribal Studies, Media Studies

Sadanand B. Sugandhi, Ph. D., Assistant Professor-cum-Asst. Director, Socio-Cultural Anthropology & Migration

Vijay Madhu Gawas, L.L.M., Assistant Professor-cum-Asst. Director, Human Rights & Constitutional Law of India.

Major Thrust Areas of Research and Achievements:

Main thrust areas of the Centre are Social Exclusion Discourse and Adivasi Studies. The faculty members have published six individual papers in this period. The Centre had published one edited book on the *'Tribal Communities and the Exclusion-Inclusion Debate in India'* last year. Currently, the Centre is finalising the manuscript of another book on *'Social Exclusion Discourse in the Thought of Phule, Ambedkar, Gandhi and Nehru'* based on papers presented in the National Seminar on the same topic, jointly organised by the Centre and Department of Philosophy, Goa University. The process of reviewing and editing the papers has been started. The book would be co-edited by the co-directors of the seminar. In addition, Faculty members are doing research work in their personal capacity on following topics: Tribes of Goa: An Ethnographic Study; Inclusion and Exclusion of SC, ST, OBC and Women in Panchayati Raj: A Critical Study in Panchayats of Goa; Politics of Social Exclusion in Goa; Educational Reservation Policy in Goa: A Critical Study; Portrayal of the Marginalised in Print Media in Goa. The papers would be published after the completion of these studies. Faculty members have presented eight papers in various Seminars and Conferences. In addition, the Centre is in the process of applying for the projects from Govt./Non-Govt. funding agencies. One faculty member was invited to deliver a special lecture on *Globalisation and Tribal Literature* at the Department of Hindi, Maulana Azad National Urdu University, Hyderabad, on 10 August, 2012. The Centre is also making a database on legal provisions regarding marginalised sections and policies and schemes of central and Goa governments in the spheres of education, employment, social welfare, health, child rights, social justice, etc.

INNOVATIVE PROGRAMS

(i) Research Development & Resources Mobilisation Cell (RDRM)

The University receives funds for Post-Graduate courses from the Ministry of Education, Government of Goa. Major source of funding for research comes from Research Projects and consultations.

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, New Delhi, 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), 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 & Evaluation (DPSE), New Delhi, Board of Research & Nuclear Sciences (BRNS), Mumbai etc. 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. Ocean Science & Technology Cell (OSTC) attached to the Department of Microbiology received special grant from Ministry of Earth Science (MoES), New Delhi, for its research activities every year.

In the year 2011-12, ten sponsored projects and five consultancy projects were sanctioned to the Departments of Chemistry, Physics, Botany, Microbiology, Marine Sciences, Biotechnology, Geology, Zoology, Computer Science and Technology, French, History, Economics and Centre for Women's Studies.

(ii) 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 has been procured. An interdisciplinary course has been introduced across the 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 country'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 Board, 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.

(iii) Study India Programme

The SIP is a programme offered to a group of foreign students wanting to pursue study in India to earn credits. The universities/institutions desirous of sending 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 University is successfully running the SIP for the students of the College of International Relations, Nihon University, Japan. For the SIP 2011-2012 edition the Nihon University had sent a batch of ten students. The programme for this 8th batch of the students from Japan was conducted from September 2011 to February 2012.

(iv) NSS Unit

The NSS Cell of Goa University, with the support of NSS units of all affiliated Colleges conducted Voters Awareness Programme during the Assembly Election of Goa held in March 2012. The NSS unit was involved in the work of election process in two phases, *viz.*, enrolment of voters in colleges, and awareness of ethical voting. Beside this all colleges organized a talk for NSS volunteers on Ethical Voting and Importance of Democracy.

On National Voters Day *i. e.* 25th January 2012, programmes such as talks by eminent speakers on “Importance of Voting”, various competitions for students and rallies in cities were organized in all Colleges. The prize distribution ceremony was held on the same day at Panjim. Students were awarded prizes at the hands of the Chief Secretary, State Election Commissioner, Director of Higher Education. The Election Commission of India has appreciated the work carried out by the NSS unit of Goa University and felicitated NSS Coordinator of Goa University on 10th April 2012 at Delhi.

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

The Board of Extra Mural Studies and Extension Services organised two workshops on “Rainwater harvesting and conservation” in association with of the Dept. of Earth Sciences, Goa University. The first one was held at Cotigao Gram Panchayat Hall, Cotigao, Canacona on 11th February 2012. Sports club members, self help group members, school teachers and students, members of mahila mandals, farmers, villagers and elected panch members including Sarpanch attended the workshop.

The second workshop was held on Saturday, 25th February 2012 at Vidyaprasarak Mandal’s High School at Savoi-Verem in Ponda taluka. About 150 students benefitted from this programme. Besides students, the workshop was also attended by few progressive farmers who are involved in spice farming at Savoi-Verem.

(vi) Earth Science & Technology Cell (ESTC)

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.

During the period June 2011 to May 2012, the following activities were held:

1. Workshops

- Two workshops were held on 12th October 2011 and 27th March 2012.
- The progress of the projects funded by MoES as well as the in-house projects of CoE was reviewed. Details are given below

Completed Project

- Exploration of sponge associated uncultivable marine bacterial endosymbionts (2008-2011) – (PI - Joseph Selvin).

Ongoing projects:

- a. Anoxygenic phototrophic bacterial primary productivity and studies on the endolithic communities of marine ecosystems. (PI - (Ch.) Venkata Ramana).
- b. Genotoxicity studies on Field Populations of Commercially important Fin Fishes and Shellfishes of Central West Coast of India. (PI - S. K. Shyama).
- c. Studies on phosphate solubilizing halophiles and alkaliphiles from marine and coastal ecosystems as potential biofertilisers for saline soils by (PI - Sunita Borkar).
- d. Biological synthesis of metal sulfide and metallic nanoparticles using halophilic Archaeobacteria by (PI - Meenal Kowshik).

In-house projects

- a. Detection and Biosorption of Fe and Mn in water of Mandovi estuary, Goa. (PI - G. N. Nayak).
- b. Production of polyhydroxyalkanoates using marine bacteria. (PI - Sandeep Garg).
- c. Bioremediation of waters contaminated with hydrocarbons, persistent organic pollutants and metals. (PI - Savita Kerkar).
- d. Biosorption of Metals for Bioremediation of water used in salt farming. (PI - Sarita Nazareth).
- e. Siderophore producing bacteria from marine and coastal ecosystems. (PI - Saroj Bhosle).
- f. Biosorption of Fe/Mn by marine microbes (haloarchaea and eubacteria) and possibility of producing nanoparticle of Fe / Mn. (PI - Irene Furtado).

2. Network Project

A Network project was conceptualised with 9 different Institutions/Universities and submitted to MoES for funding.

3. Brainstorming Meet

A brainstorming meet was organised for MoES on the theme of Microbial Oceanography. Twenty participants were invited by MoES from different institutions and universities and the areas for future studies were identified for developing the projects under the theme.

(vii) Distance Education, Information and Training Infrastructure (DEITI)

The DEITI facilities have been upgraded with higher-end professional editing computers which satisfied the requirement of the professionals. The audio-video recording facilities have been used to record various programmes/functions on and off the University campus. The major activities of DEITI are mentioned below:

1. A Musical programme 'Malhar Darshan', presented by Goa College of Music and Goa College of Art, on the campus was recorded by DEITI.
2. 15 episodes of the Quiz competition for the students of Higher Secondary Schools in Goa in five languages, viz., Portuguese, Konkani, Hindi, French and Marathi for the students of Higher Secondary Schools in Goa were recorded (with four camera setup and online editing). This included recording, editing, titling & production of DVD. This quiz competition was telecast on a local cable channel.
3. The Workshop '5 Times and Forever' on Film making, organized by FilmGoa in collaboration with Goa University, was recorded by DEITI. This workshop was for the students, working class people, and professionals from Goa as well as from other states. The workshop covered the training in almost all areas of film making such as script writing, acting, editing, lighting, directing etc.
4. Video recording (with four camera setup and online editing) of the All Goa Inter High School Quiz competition at NIO, Donapaula, organized by State Council of Educational Research & Training (SCERT), porvorim was professionally done by DEITI.
5. The TV serial '*Chal Pasayek Ya*' - a Konkani Travel Show by *Sunlight Media* was fully produced in DEITI. This included professional recording, editing and production of many episodes, which were telecast on Panaji Doordarshan.

PART 3:

ACHIEVEMENTS OF UNIVERSITY FACULTY

A: Seminars/Conferences/Workshops Organised:

(Theme of Seminars/Conferences/Workshops, Dates, Funding Agency)

Faculty of Languages & Literature

Department of English:

- Advanced Techniques in Translation at GKA, Panaji, 16th to 20th February 2012, Goa Konkani Akademi.

Department of Hindi:

- Ishrat Bi Khan - Department of Hindi and Arvind Pandey Manch 16th and 17th February 2012.

Department of Konkani:

- Prakash Parienkar – coordinator, “Konkani Novel: Perspectives and Analysis”, National Seminar, Department of Konkani, Goa University, 22nd and 23rd February 2012.

Department of Marathi:

- S. M. Tadkodkar, coordinator, National Seminar on Research Contribution from V. B. Prabhudessai to Marathi Language and Literature, 13th March 2012.

Department of French:

- Workshop on “Duo des Mots” – French Literary Theatre by Philippe Guinet, 29th January to 4th February 2012, Goa University and Passeurs Des Mots Association, France.
- Seminar on “Higher Education in France,” March 2012, Campus France India.

Department of Portuguese:

- “Era uma Vez” - Workshop of Creative Writing by Margarida Botelho, 1st October 2011, CLP/Instituto Camões, Fundação Oriente.
- “Uma Viagem ao Mundo da Escrita” - Workshop of Creative Writing by Raquel Ochoa, 22nd to 24th February 2012, CLP/Instituto Camões.

Faculty of Social Sciences

Department of Economics:

- G. V. Kamat Helekar Memorial Lecture “Issues in Green Economy”, Prof. Gopal Kadekodi, Honorary Professor for Multi Disciplinary Development Research, Dharwad, 21st February 2012.
- Ph. D. Scholars’ Workshop, 9th and 10th March 2012.
- Data Analysis Workshop, 27th – 29th March 2012.
- Research Writing Workshop, 3rd April 2012.

Department of Sociology:

- "Enhancing Learning": Workshop for faculty of Tata Institute of Social Science Tuljapur, conducted by Alito Siqueira as Consultant, Goa University, 16th to 18th November 2012.
- Alito Siqueira was member of the Organising Committee of the International Conference “Goa: 1961 and Beyond”, organised by Indian Institute of Advanced Study, Shimla, Centro de Estudos Sociais Universidade de Coimbra and Goa University and held at Goa University, 18th to 20th December 2011.

Department of Philosophy:

- International Symposium on “Ethics of Development and Environment,” CIPHS, UNESCO and Goa University, 27th July 2011.
- National Seminar on “Social Exclusion Discourse in the Thought of Phule, Ambedkar, Gandhi and Nehru,” CSSEIP, Goa University, 12th to 13th March 2012.

Department of History:

- “Fifty Years of Goa’s Liberation: Mining, Industry, Urbanisation and Environment”, Goa University, U.G.C and Directorate of Archives and Archaeology, Government of Goa, 14th and 15th December 2011.
- Parag D. Parobo, was co-coordinator of the Organising Committee of the International Conference “Goa: 1961 and Beyond”, organised by Indian Institute of Advanced Study, Shimla, Centro de Estudos Sociais Universidade de Coimbra and Goa University, Goa University, 18th to 20th December 2011.

Department of Political Science:

- Themes in Indian Politics, 23rd and 24th September 2011, UGC.

Centre for Latin American Studies:

- “India Brazil Dialogue”, Ministry of External Affairs, New Delhi, Indian Council of World Affairs, New Delhi, Indian Council of Social Science Research, New Delhi, Area Studies Programme of University Grants Commission, New Delhi, 28th to 30th October 2011.

Centre for Women Studies:

- UGC sponsored Seminar on “Sustainable Agriculture and Economic Development for Tribal Women” in Gaondongrim village in Canacona taluka for over 150 tribal women, 22nd July 2011.
- UGC sponsored Workshop on “Gender Sensitisation, Personality Development and Career Guidance” for 110 adolescent girls of Sanguem taluka, Sanguem, 21st August 2011.
- UGC sponsored Seminar on “Breast Cancer and Cervical Cancer” for 200 rural women from Sanguem Taluka, Sanguem, 17th September 2011, UGC.
- International Women’s Day Yin-side Out All Goa Interschool Quiz and International Women’s Day Yin-side Out Quiz for General Public, 10th March 2012.
- “Celebrating Women: Empowering Lives”. Women’s Day Programmes with the International Centre Goa, ICG, Goa, 9th to 18th March 2012.

Faculty of Natural Sciences**Department of Chemistry:**

- Sixth Annual Inter-Collegiate T. Y. B.Sc. Chemistry Symposium, Chemistry Department Faculty and Alumni Association, 17th March 2012.
- Symposium on “Organic Synthesis”, UGC-SAP, UGC XI Plan, 25th January 2012.

Department of Mathematics:

- J. Jayanthan, National Conference on “Mathematical Education Trends and Challenges”, 19th to 21st August 2012, NBHM.

Department of Computer Science & Technology:

- A two day National level Workshop on Indradhanush WordNet Project (Jyoti D. Pawar and Ramdas Karmali), DIT, New Delhi, 8th and 9th August 2011.
- Seminar on Soft Skills Fluency in English and Public Speaking (V. V. Kamat and Anthony Thomas), 13th August 2011.

Department of Physics:

- Annual Convention of Indian Association of Physics Teachers (Goa), 26th March 2012, UGC-SAP and IAPT (Goa).
- Workshop on “Small Angle Neutron Scattering” UGC-SAP, 14th and 15th December 2011.

Department of Electronics:

- Instrumentation Development Programme, 11th and 12th March 2012, DST.
- Symposium on “VLSI & Embedded System” Goa University, VSI India, Smartlink, 22nd March 2012.
- One day workshop on “Wireless Physiological Monitoring System”, Goa University, Human Karigar, 21st March 2012.

Faculty of Life Sciences & Environment

Department of Botany:

- National Seminar on “New Vistas in Plant Sciences”, UGC-SAP, 15th to 16th March 2012.

Department of Zoology:

- National Seminar on “Advances in Zoology and Life Processes”, DSTE, Government of Goa, funded by DST, MOES, CSIR and UGC, 9th to 11th February 2012.

Department of Biotechnology:

- Advisory Committee Meeting for “Marine Biotechnology Program”, funded by DBT, New Delhi, 29th September 2011.
- Seminar on “Professional Women: Problems and Prospects”, Women’s Day Celebrations in Goa University, 20th March 2012.
- Science Day celebrations were organised as an ‘Open Day’. The program included screening of documentary films on ‘Into the Deep’ and Coral Adventures as well as exhibition of poster and demonstration of research activities of the Department, DBT HRD Program Funds, 28th February 2012.
- CEEB paper setting, funded by JNU, New Delhi, 1st to 4th April, 2012.

Faculty of Management

- Investment Decisions in Turbulent Times, GMA, 24th and 25th February 2012.
- Research Methodology Workshop, Self-Funding, 9th to 13th April 2012.
- Building Transformational Leaders at Work, UGC, 26th and 27th August 2011.
- Supervisory Skills and Lean Manufacturing for Small and Medium Enterprises, UGC, 21st and 22nd October 2011.
- Entrepreneurial Opportunities for Women and Youth in IT Enabled Services, UGC, 23rd and 24th November 2011.
- Conducted a two day Workshop on “Entrepreneurial Opportunities for Women and Youth in Tourism”, UGC, 16th and 17th November 2011.

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

- Symposium on “Civil Society versus the State: Does it contribute to inclusive growth?” UGC, 23 August 2011.
- Symposium on “Whose News, Whose Views? Democratic Aspirations & Challenges before Media”, UGC, 21st September 2011.
- National Seminar on “Social Exclusion Discourse in the thought of Phule, Ambedkar, Gandhi and Nehru”, UGC, 12th and 13th March 2012.

B: Papers Presented in Seminars/Conferences/Workshops etc.:

(Name of Author (s), Theme of the Seminars/Conferences/Workshops, Organising Institute, Place, Date, Title of Paper Presented).

Faculty of Languages & Literature

Department of English:

- K. S. Bhat, International Conference on *Media: Technology, Epistemology, Ontology and Ideology*, Society for Phenomenology and Media, National University, San Diego, USA, 16th to 19th February 2012, "Colonialism, Modernity and Culture: Historicizing Yakshagana".
- K. S. Bhat, National Seminar on *Impact of Globalisation on Literature*, SDM College, Honnavar, 21st and 22nd October 2011, "Globalisation and Theories of Literature".
- K. S. Bhat, National Seminar on *Negotiating Literary Theories*, Indira Gandhi Women's College, Sagar, 16th and 17th March 2012, "Cultural Studies: Theory and Methodology".
- K. S. Bhat, National Seminar on *Rethinking Cultural Studies*, Kuvempu University, Shimoga, 28th and 29th April 2012, "Wither Cultural Studies?"
- K. Budkuley, State-level Workshop on *Translation Skills*, Carmel College, Goa, 17th December 2011, "Anuvaad: Bhashantar se Samskrutik Setu-bandhan".
- K. Budkuley, State-level One Day Seminar on "*Rajbhas ani Ammalbazavnni*", Goa Konkani Akademi, Ravindra Bhavan, Margao, 4th February 2012, "Rajbhas: Lokanchi Lagnnook, Sarakarachi Japsaldarki".
- K. Budkuley, *Regional Workshop cum Four-Day Orientation Programme for Translators of Konkani Language, National Translation Mission, CIIL, Mysore*, Carmel College, Nuvem, 17th to 21st February 2012, "Key to Translational Competence in a Multi-cultural Scenario".
- K. Budkuley, *Regional Workshop cum Four-Day Orientation Programme for Translators of Konkani Language*, Goa Konkani Akademi, Goa, 12th to 16th March 2012.
- K. Budkuley, State-level Five Day Advanced Seminar Cum Workshop on *Translation Anuvaad-Samvaadini*, Sahitya Akademi and Bellevison, Udupi, Karnataka, 8th January 2012, "Pragat Anuvaad-Tantram: Ek Chikitsa".
- K. Budkuley, National Poetry Festival, *Kavita-Fest*, Konkani Department, Goa University, 22nd and 23rd February 2012, "Mutli-layered Mystique of Poetry: From Conception to Recitation".
- K. Budkuley, National Seminar on *Konkani Kadambari: Drustikonn ani Vishleshann*, "Navya Shatamanant Konkani Kadambari: Saadhya ani Avhaanam".
- Rafael Fernandes, Seventh International Congress on *English Grammar [ICEG-2011]: Grammar and New Vistas*, Bannari Amman Institute of Technology, Sathyamangalam and University of Cambridge ESOL Examinations, Bannari Amman Institute of Technology, Sathyamangalam, Erode Dist., Tamil Nadu, 28th to 30th December 2011, "Language through Literature".

Department of Hindi:

- Ishrat Bi. Khan, *Ekkisavin Sadi ke Pahle Dashak ka Bhartiya Natak*, Prayas Sansthan, Panaji, Panaji Goa, 30th September 2011, "Ekkisavim sadi ke pahle dashak ka Urdu Natak".
- Ishrat Bi. Khan, *Samkaleen Hindi Kahani: Kathya Evam Shilp*, Department of Hindi and Arvind Pandey Manch, Goa University, 16th and 17th February 2012, "Samkaleen Hindi Kahani: Yuva Vimarsh".
- Ishrat Bi. Khan, *Pragatisheel Kavita Ke Pachhattar Varsha*, Chowgule College Prekshagrah, Margao-Goa, 13th and 14th March 2012, "Pragatisheel Kavi Sarveshwar".
- Ravindranath S. Mishra, *Nayee Sadi Mein Hindi Ka Vaishik Paridrishya*, Bharateeya Hindi Parishad, Allahabad evam Hindi tatha Aadhunik Bharateeya Bhasha vibhag, Lucknow, UP, 15th and 16th October 2011, "Contemporary Hindi Prose literature: in the context of Novel."
- Ravindranath S. Mishra, *Sant Sahitya Ki Prasangikata*, Dayanand Kala evam shastra Mahavidyalaya, Solapur evam Maharashtra Rajya Hindi Academy Mumbai, Sholapur, 3rd and 4th March 2012, "Sant Sahitya aur Vartman Samya".
- Ravindranath S. Mishra, *Pragatisheel Kavita Ke 75 Varsh*, Chowgule College, Prekshagrah, Margao, 13th and 14th March 2012, "Shivmangal Singh "Suman" Pragatisheel Kavita ke Vatayan se".
- Vrushali S. Mandrekar, *Samkaleen Hindi Kahani : Kathya Evam Shilp*, Department of Hindi and Arvind Pandey Manch, Goa University, 16th and 17th February 2012, "Samkaleen Kahanikaar".
- Vrushali S. Mandrekar, *Gyanpeeth Puraskar Prapth Hindi Tatha Dakshin Bharateeya Bhashayoan ki Krutiyo Ka Sahityiteek Vivechan*, Central Institute of Hindi, Mysore Centre, Mysore, 27th and 28th February 2012, "Ravindra Kelekar: Sahitya Evam Vishleshan".
- Vrushali S. Mandrekar, *Konkani Kadhambartile Bhavvishwa*, Department of Konkani, Goa University, 22nd and 23rd February 2012, "Stree Lekhikanच्या Kadambarit Hasturichye Bhavvishwa".
- Vrushali S. Mandrekar, *Dakshin Bharat Mein Hindi Bhasha*, Kerala Hindi Prachar Sabha, Tiruanantpuram, 26th and 27th March 2012, "Goa Mein Hindi Bhasha: Vartaman Evam Bhavishya".

Department of Konkani:

- Madhavi Sardesai, International Conference on *Goa 1961 & Beyond*, IIAS, Shimla, Goa University, Centro de Estudos Sociais, University of Coimbra, Portugal, Goa University, 18th to 20th December 2011, "The Konkani Marathi Conflict and its Impact on the Standardisation of Konkani".
- Madhavi Sardesai, *Orientation cum Training Programme on Natural Language Processing*, Goa University, 10th to 20th January 2012, "Konkani Morphology".
- Madhavi Sardesai, National Seminar on *Scripts and Languages of Modern India, with Special Reference to Konkani*, Global Konkani Organization, Mangalore, 10th and 11th March 2012, "Case for a single script for Konkani".

Department of Marathi:

- Sunita S. Umraskar, *Post Nineteen Eighty Marathi Literature: Nature and Criticism*, New Education Society's College of Arts, Commerce and Science, Lanja, Ratnagiri, 18th and 19th November 2011, "Gomantakiya Marathi Sahityachi Samiksha".

Department of French:

- Edith Melo Furtado, *International Conference on Goa 1961 and Beyond*, IIAS, Shimla, Goa University, Centro de Estudos Sociais, University of Coimbra, Portugal, Goa University, 18th to 20th December 2011, "Goan women's voices after 1961".
- Anuradha Wagle, *International Conference of French Teachers*, "Vers l'éducation plurilingue en Europe avec le français - De la diversité à la synergie", International Federation of French Teachers, Prague Czech Republic, 8th to 11th September 2011, "La perspective actionnelle et le CERC- quelle autonomie pour l'apprenant?"
- Anuradha Wagle, *General Assembly for the Promotion of the French Language*, Ministry of External and European Affairs, Government of France, Paris, France, 19th to 20th October 2011, Quels instruments pour la promotion de la langue française.
- Anuradha Wagle, *French Language Teaching*, Hong Kong University and Continuing Professional Development Centre, Hong Kong, 14th June 2012, Développer la perspective interculturelle chez les apprenants.
- Anuradha Wagle, *3rd World Congress of French Teachers*, International Federation of French Teachers, Durban, South Africa, 23rd to 27th July 2012, Parler de son pays, c'est faire son pays- développer une perspective socioculturelle chez les apprenants de français.
- Anuradha Wagle, *La gastronomie- reflets dynamiques de la culture*, *Foundation of Liberal Arts and Management Education (FLAME)*, *French Embassy and Indian Association of Teachers of French*, FLAME Pune, 24th to 25th August 2012, Alibibi et les autres volets pour redécouvrir les trésors de la gastronomie indienne en français.

Department of Portuguese:

- Delfim Correia da Silva, *International Conference Goa 1961 and Beyond*, Goa University, Goa, 19th December 2011, Does Goa have the potential to become the future excellence hub in Asia for teaching and learning Portuguese?.
- Delfim Correia da Silva, series of talks, EUNIC, New Delhi, 24th February 2012, Goa as a Hub of Portuguese Studies in Asia.
- Delfim Correia da Silva, Book Release of *Francisco Luís Gomes – A Select Reader* by Luís de Assis Correia, Fundação Oriente, Goa, 6th September 2011, *Funções Cardinais e técnicas narrativas em Os Brahâmanes* de Francisco Luís Gomes.

Faculty of Social Sciences**Department of Economics:**

- P. Mukhopadhyay, *Directions, Innovation and Strategies for Sustainable Development in Goa – Inception Workshop*, Organised by TERI, Panaji, Goa, 14th September 2011, "Socio-Economic Sustainability in Goa".
- P. Mukhopadhyay (co-authored with A. Shanbhogue, A. Naik, and V. Chari), *International Conference on Goa 1961 & Beyond*, IIAS, Shimla, Goa University, Centro de Estudos Sociais, University of Coimbra, Portugal, Goa University, 18th to 20th

December 2011, "Economic Transitions - Financial Growth and Consumption Outcomes".

- P. Mukhopadhyay, Workshop on *Post-TRIPS IPR Regime in India – Opportunities and Challenges*, The Energy and Resources Institute (TERI), India Habitat Centre New Delhi, 14th March 2012, "Geographical Indications: Costs and Benefits".
- P. Mukhopadhyay, UGC-CPE National Workshop on *Environmental Economics: Concepts and Issues*, organised by Ch. Sahu Institute of Business Education and Research, Kolhapur, 17th March 2012, "Economy and the Environment: Environmental Goods and Externalities".
- P. Mukhopadhyay, *Europe in the World in 2030*, Alphametrics, Saraburi, Thailand, 7th to 9th May 2012, "Fiscal Policies for Developing World".
- P. K. Sudarsan (co-author B.P. Sarath Chandran), *Methodology of Empirical Research in Economics : Applications of statistical tools and software*, Government Brennan College, Thalassery, Kerala, 5th to 7th March 2012, "Empirical Research Methodology in International Economics".

Department of Sociology:

- Ganesha Somayaji, *Sociology of Law on Peace, Justice and Development*, The Research Committee on Sociology of Law of the International Sociological Association and the Central University of Himachal Pradesh, Dharamshala, 10th to 12th September 2011, "Environment in Late Modernity and People's Demand for Legal Transformation".
- Ganesha Somayaji, *XXXVII All India Sociological Conference*, Centre for the Study of Social Systems, School of Social Sciences, JNU, New Delhi, 11th to 13th December 2011, "Dilemmas of Development and Popular Resistance: An Examination of Emancipatory Potential of Popular Resistances in Goa".
- Ganesha Somayaji, *ICT Development and Social Justice in India*, Department of Sociology, Shivaji University, Kolhapur, 17th to 18th January 2012, "Information Society and the Challenges of Including the Excluded: Marching Towards Desired Type of Society through E-Inclusion".
- Parag Parobo with Alito Siqueira, International Conference on "*Changes in Caste Hierarchies in Rural India and their Political Implications*", The Indian Institute of Advanced Study, Shimla along with the School of Advanced Study, University of London and South Asian Studies Council, MacMillan Centre, Yale University, Shimla, 1st to 3rd June 2011, "The Rise of Goa's Bahujan Samaj: Shifting Domains Of Hegemony and Power".
- Parag Parobo with Alito Siqueira, *Goa 2011 Reviewing and Recovering 50 Years*, Xavier Centre for Historical Research, Porvorim, Xavier Centre for Historical Research, 29th and 30th September 2012, "Does Cultural Dominance persist? Language and Culture in Post Colonial Goa".
- Alito Siqueira and Freda Tavares, State Level Conference on *Goa: Land and its People – Reviewing Transformation in the Post Liberations*, Parvatibai Chowgule College, Margao, 27th and 28th January 2012, "Creating Knowledge in College".
- Joanna P. Coelho, *Sociology of Law on Peace, Justice and Development*, The Research Committee on Sociology of Law of the International Sociological Association and the Central University of Himachal Pradesh, Dharamshala, 10th to 12th September 2011, "'Tibetan Indian' or 'Indian Tibetan'? Identity, Nationalism, and Mobility among the Tibetan Refugees in India."

- Joanna P. Coelho, *XXXVII All India Sociological Conference*, Centre for the Study of Social Systems, School of Social Sciences, JNU, New Delhi, 11th to 13th December 2011, “Negotiating Belonging: Collective Constructions among the Tibetan Refugees in India.”
- Joanna P. Coelho, *ICT Development and Social Justice in India*, Department of Sociology, Shivaji University, Kolhapur, 17th and 18th January 2012, “ICT Development and the New Cultural Revolution among the Tibetan Refugees in India.”
- Joanna P. Coelho, *Ideology Values and Society*, Centre for Studies in Civilisations, New Delhi and Department of Philosophy, Goa University, Goa, 25th and 26th June 2012, “Countering Himsa with Ahimsa: A Buddhist Alternative to the Tibetan Crisis”.

Department of Philosophy:

- Koshy Tharakan, International Symposium on *Spaces of Alterity: Literary and Dramatic Representations*, IIT Gandhinagar, Ahmedabad, Gujarat, 9th to 11th September 2011, “At Home as an Outsider: *Subarnalata* of Ashapura Debi and *Othappu: The Scent of the Other Side* of Sarah Joseph”.
- Koshy Tharakan, International Conference on *Postphenomenology: Being and Its Beyond*, Sree Sankaracharya University, Kalady, Kerala, 30th January to 1st February 2012, “Landscape of Philosophy of Social Sciences: The Postphenomenological Markers”.

Department of History:

- N. Shyam Bhat, *Fifty Years of Goa's Liberation: Mining, Industry, Urbanisation and Environment*, Department of History, Goa University and Directorate of Archives and Archaeology, Government of Goa, Goa University, 14th and 15th December 2011, “Dynamics and Dimensions of Environmental Movements in Goa’.
- N. Shyam Bhat, workshop on *New Trends and Techniques in Historical Research*, ICHR, New Delhi and Department of History, University of Mumbai, 14th and 15th November 2011, “Presentation on Department of History, Goa University”.
- Parag D. Parobo, International Conference on *Changes in Caste Hierarchies in Rural India and their Political Implications*, The Indian Institute of Advanced Study, Shimla along with the School of Advanced Study, University of London and South Asian Studies Council, MacMillan Centre, Yale University and, Indian Institute of Advanced Study, Shimla, 1st to 3rd June 2011, “The Rise of Goa's Bahujan Samaj: Shifting Domains of Hegemony And Power”.
- Parag D. Parobo, International Conference on *Goa: 1961 and Beyond*”, Jointly organised by Goa University, the Indian Institute of Advanced Study, Shimla, India and Centro de Estudos Sociais, Coimbra University, Goa University, 18th to 20th December 2011, “Rise of the Little Shelves: Bahujan Samaj and the Political Space in Postcolonial Goa 1961 - 2011”.
- Parag D. Parobo, National Conference on *Themes in Indian Politics*, Department of Political Science, Goa University, 23rd and 24th September 2011, “They have to be Modern: Voice of Subalternity in Postcolonial India”.
- Parag D. Parobo, National Seminar on *Goa 2011: Reviewing and Recovering 50 Years*, Xavier Centre of Historical Research (XCHR) and Thomas Stephens Konkani Kendra (TSKK), XCHR and TSKK, Alto Porvorim, Goa, 29th and 30th September 2011, “Does Cultural Domination persists? Language and Culture in Post Colonial Goa”.

- Parag D. Parobo, *XVI Local History Seminar (Goa)*, jointly organised by the Department of History, Goa University and the Directorate of Archives and Archaeology, Government of Goa, Goa University, 14th to 15th December 2011, "Tourism in Goa: Transformations".
- Seema S. Risbud, National Seminar on *Goa's Struggle for Freedom: Reminiscence, Commemoration*, Shree Mallikarjun College of Arts and Commerce, Canacona in association with the Directorate of Art and Culture, Government of Goa, Canacona, 10th December 2011, "Co-ordination, Co-operation and Networking: National Congress (Goa) and Political Organisations from French India".
- Seema S. Risbud, State-level Seminar on *Goa Yesterday, Today and Tomorrow*, Department of Mathematics and Statistics, Sridora Caculo College of Commerce and Management Studies (Saraswat Vidyalyaya), Khorlim Mapusa Goa, 27th January 2012, "Women Empowerment in Goa".

Department of Political Science:

- Rahul Tripathi, *Themes in Indian Politics*, Department of Political Science, Goa University, Goa, 23rd and 24th September 2011, "Interpreting International Political Economy in India".
- Rahul Tripathi, *India and Its Relations With Neighbouring Countries*, K. J. Somaiya College of Arts, Commerce and Science, Kopergaon, Maharashtra, 14th and 15th October 2011, "Between Hope and Reality: India's Foreign Economic Policy in the Neighbourhood".
- Rahul Tripathi, *Governance and Economic Development*, Department of Economics and IIPA-Local Chapter, Karnatak University, Dharwad, April 2012, "When Politics Shapes Economics: Crisis of Economic Governance in India".
- Rahul Tripathi, *Twenty First Century as Asia's Century: Role of India and China*, Department of Geopolitics and International Relations, Manipal Centre for Asian Studies, Manipal University, Manipal, 26th and 27th May 2012, "Economic Indices and Parameters in the International Transition of Powershift".
- Prakash Desai, *Themes in Indian Politics*, Department of Political Science, Goa University, Goa, 23rd and 24th September 2011, "Multiculturalism and Minority Rights in India".
- Prakash Desai, *Corruption as Violation of Human Rights*, RPD College of Arts and Commerce, Belgaum, 9th and 10th February 2012, "Corruption in India: The Question of Competition, Development and Resentment".
- Prakash Desai, *Social Exclusion Discourses in the Thought of Phule, Ambedkar, Gandhi and Nehru*, Centre for Study of Social Exclusion and Inclusive Policy and Department of Philosophy, Goa University, Goa, 12th and 13th March 2012, "Conceptions of Democracy in India: The Role of Ambedkar".
- Alaknanda Shringare, *Themes in Indian Politics*, Department of Political Science, Goa University, Goa, 23rd and 24th September 2011, "Development and People's Participation : A Case of Goa".
- Alaknanda Shringare, *Corruption as Violation of Human Rights*, RPD College of Arts and Commerce, Belgaum, 9th and 10th February 2012, "Corruption, Human Rights and Democratic Governance in India".

Centre for Latin American Studies:

- A. Gangopadhyay, *Need Versus Greed: Political Solutions to Environmental Crises*, Bijoy Krishna Girls' College, Howrah, West Bengal in collaboration with West Bengal Political Science Association, Kolkata, 17th November 2011, "Brazil and Environmental Initiatives: An Overview".
- A. Gangopadhyay, *60 years of Sino-Indian Interactions: Comprehending the Multifarious Dimensions of Inter-relations*, Sree Kerala Varma College, Thrissur, Kerala in collaboration with Institute of Chinese Studies, New Delhi and Public Diplomacy Division, Ministry of External Affairs, Government of India, Kerala, 12th to 14th December 2011, "India-China and Latin America: Retrospect and Prospects".
- Dattesh D. Parulekar, National seminar on *India as an Emerging Major Power: Foreign Policy Thrust Areas*, VPM's Centre for International Studies, Mumbai and the Indian Council of World Affairs, New Delhi, Mumbai, 27th and 28th January 2012, "India's Engagement with Latin America - A Relationship in need of Redefinition".
- Dattesh D. Parulekar, International Seminar on *Power, Alliances and Frameworks in South and South East Asia: Securing Global Commons in the Asia-Pacific*, organised by the Maulana Abdul Kalam Azad Institute for Asian Studies, Kolkata, 21st to 23rd March 2012, "The East Asian Summit in an Asia-Pacific Order: Multilateral Regionalism in a New Hue".
- Dattesh D. Parulekar, National Seminar on *Twenty-First Century as the Asian Century: Role of India and China*, Manipal Centre for Asian Studies, Manipal University, 26th and 27th May 2012, "Role of India and China in the Emerging Global Power Structure".

Centre for Women Studies:

- Shaila Desouza, *UGC National Workshop for Directors of Women's Studies Centres*, UGC Standing Committee for Women's Studies, University of Hyderabad, 28th and 29th August 2011, "Work of the CWS, Goa and proposal for the future of CWS".
- Shaila Desouza, International Conference on *Goa 1961 and Beyond: An Intellectual Appreciation and Celebration of Fifty years of Independence*, IAS, Shimla, Centro de Estudos Sociais, Universidade de Coimbra, Portugal and Goa University, Goa University, 18th to 20th December 2011, "Dynamics of Tourism Development and the Status of Women in Goa".
- Shaila Desouza, National Seminar on *Aspiring for Women's Full Citizenship in Kerala: The Kudumshree Mission*, Centre for Development Studies, Trivandrum, CDS Trivandrum, 21st December 2011, "Special Discussant on Empowerment".
- Shaila Desouza, Indian Association of Women's Studies Workshop on *Challenges of Institutionalizing Women's Studies*, JNU, New Delhi, 19th and 20th April 2012, "Discussant and Panel speaker at Round Table on Introducing Women's Studies at the Undergraduate Level".
- Shaila Desouza, Western Regional Conference on *Achieving Convergence for Empowerment of Women*, Ministry of Women and Child, National Mission for the Empowerment of Women, Government of India, TISS, Mumbai, 23rd and 24th April 2012, "Can Women be Empowered when Development Policy is Gender Blind?".
- Priyanka Velip, International Seminar on *Goa 1961 and Beyond: An Intellectual Appreciation and Celebration of Fifty Years of the Liberation of Goa*, IAS, Shimla, Goa University, Centro de Estudos Sociais Universidade de Coimbra, Portugal, Goa University, 18th to 20th December 2011, "Does Goa Listen to Tribal Voices?".

- Priyanka Velip, National Seminar on *Goa 2011: Reviewing and Recovering 50 Years*, Xavier Centre of Historical Research (XCHR) and Thomas Stephens Konknni Kendr (TSKK), XCHR-TSKK Complex, Alto-Porvorim, Goa, 29th and 30th September 2011, "And Business Goes On: The Stigmatisation of Velips in Contemporary Goa".
- Venisha Fernandes, 37th All India Sociological Conference, JNU, New Delhi, 11th to 13th December 2011, "The Re-emerging Village: Displacement, Place and Memory".
- Venisha Fernandes, International Seminar on *Goa 1961 and Beyond: An Intellectual Appreciation and Celebration of Fifty Years of the Liberation of Goa*, IIAS, Shimla, Goa University, Centro de Estudos Sociais Universidade de Coimbra, Portugal, Goa University, 18th to 20th December 2011, "Displacement and the Sacred: The Remembered Village".
- Venisha Fernandes, National Seminar on *Goa 2011: Reviewing and Recovering 50 Years*, Xavier Centre of Historical Research (XCHR) and Thomas Stephens Konknni Kendr (TSKK), XCHR-TSKK Complex, Alto-Porvorim, Goa, 29th and 30th September 2011, "Curdi Mhojo Ganv: Displacement, Place and Memory".

Faculty of Natural Sciences

Department of Chemistry:

- S. R. Naik and A.V. Salker, *International Symposium on Thermal Analysis (THERMANS 2012)*, BARC, Mumbai, 31st January to 2nd February 2012, "Influence of particles on dimensions and Co⁺² occupancy on the resultant magneto structural properties of spinel cobalt ferrites".
- S. D. Gokakakar and A. V. Salker, *International Symposium on Thermal Analysis (THERMANS 2012)*, BARC, Mumbai, 31st January to 2nd February 2012, "Studies of metalloporphyrins with metals in different oxidation states".
- K. Dhawaskar and B. R. Srinivasan, *International Symposium on Thermal Analysis (THERMANS 2012)*, BARC, Mumbai, 31st January to 2nd February 2012, "Dehydration and Re-hydratation characteristics of tetraaqua-bis (4- aminobenzoato) cobalt (II)".
- U. B. Gawas and V. M. S. Verenkar, *International Symposium on Thermal Analysis (THERMANS 2012)*, BARC, Mumbai, 31st January to 2nd February 2012, 2012, "Synthesis of ultrafine cobalt nickel ferrite via autocatalytic thermal decomposition of the precursor".
- L. R. Gonsalves and V. M. S. Verenkar, *International Symposium on Thermal Analysis (THERMANS 2012)*, BARC, Mumbai, 31st January to 2nd February 2012, 2012, "Thermal and infra-red spectral characteristics of mixed metal carboxylato-hydrazinate complex and its decomposition product".
- S. G. Tilve and Prachi Torne, 7th Junior National Organic Symposium Trust, IISER, Mohali, 15th to 18th December 2011, "Domino Reactions in Organic synthesis".

Department of Mathematics:

- A. N. Mohapatra, *Analysis and Geometry*, Sree Narayana College, Alathur, 13th and 14th Febuary 2012, "Some mean value theorems in differential Calculus".

Department of Computer Science & Technology:

- Venkatesh Kamat, IEEE Conference on *Technology for Education T4E 2011*, IIT Madras, 14th to 16th July 2011, “Using a Blended Approach to In-service Teacher Training: A Case Study”.
- Venkatesh Kamat, *IEEE Conference AgileIndia 2012, Asia's Premier Agile and Lean Conference*, Agile India, Bangalore, 17th to 19th February 2012, “Agile Practices in Higher Education: A Case Study”.
- Dimple V. Paul, Shekhar Naik, Priyanka Rane and Jyoti D. Pawar, *COMAD 2011, IIIT Bangalore*, December 2011, “Dynamic Question Paper Template Generation using GA Approach”.
- Ramrao Wagh, IEEE Conference Agile India, 2012, 17th to 19th February 2012 “Adophy Scrum for Software Engineering Teaching”.

Department of Physics:

- J. A. E. Desa, *Specialty Glass and Optical Fiber: Materials, Technology and Devices*, CSIR-CGCRI, Kolkata, West Bengal, 4th to 6th August 2011, “Structural Studies of Compacted Glass Microspheres”.
- J. A. E. Desa, *REAJ – 2011*, Rare Earths Society of India, Munnar Kerala, 19th and 20th August 2011, “Structure and Optical Studies of Er and Ho Doped Borate Glasses”.
- J. A. E. Desa, *DAE Solid State Symposium*, DAE, Chennai, Tamil Nadu, 19th to 23th December 2011, “Hydration Studies of Bentonite Clay”.
- J. A. E. Desa, *4th International Conference on Porous Media*, International Society for Porous Media, W. Lafayette, Indiana, U. S. A., 14th to 16th May 2012, “Structures of Porous Compacts of Coated Glass Microspheres”.
- R. B. Tangsali, *DAE Solid State Physics Symposium*, Bhabha Atomic Research Centre, SRM University, Kattankulathur, 19th to 23rd December 2011, “Synthesis of nanoparticles $\text{Ni}_{0.55}\text{Zn}_{0.45}\text{Fe}_2\text{O}_4$ by novel precursor method showing enhanced resistivity”.
- R. B. Tangsali, *International Conference on Nanotechnology and functional Materials*, SNIST and UNISA Gahatkesar Hyderabad, Hyderabad, 4th to 7th January 2012, “Dielectric properties of nanoparticles $\text{Ni}_{0.65}\text{Zn}_{0.35}\text{Fe}_2\text{O}_4$ prepared by precursor method” and, “Effect of Gamma radiation on structural and magnetic properties of $\text{Mn}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ ”.
- R. B. Tangsali, *International conference on COCHIN-NANO-2011*, Cochin University, Cochin University, 11th to 14th August 2011, “Characterisation and Mössbauer Study of $\text{Mn}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ Nanoparticles”, and “Electrical Transport Properties of Nanoparticle M-Type and Zinc substituted Hexaferrites”.
- K. R. Priolkar, *Moscow International Symposium on Magnetism*, Lomonosov Moscow State University, Moscow, Russia, 21st to 25th August 2011, “Understanding Magnetism of Martensitic state of Ni-Mn based SMA: XAS and XMCD studies”.
- K. R. Priolkar, A. Bessiere, S. Jacquart and D. Gourier, *International Conference on Luminescence and its Applications (ICLA)*, Rajiv Gandhi University of Knowledge Technologies and Luminescence Society of India, Hyderabad, India, 7th to 10th February 2012, “New Red Persistent Phosphor for in vivo Imaging”.
- K. R. Priolkar, *DAE Solid State Physics Symposium*, Bhabha Atomic Research Centre, SRM University, Kattankulathur, 19th to 23rd December 2011, Effect of Carbon Tailoring on Magnetic Properties of Mn_3GaC ” and, “Effect of Rare Earth Size on Structural, Magnetic And Transport Properties of $\text{RBaCo}_2\text{O}_{5.5}$ ”.

Department of Electronics:

- G. M. Naik, *International Conference on Biometric and Biostatistics*, OMICS Group Inc., USA, 5th to 7th March 2012, "Biomedical system ensembles model and analysis using PLS regression".
- R. S. Gad, *International Conference on Biometric and Biostatistics*, OMICS Group Inc., USA, 5th to 7th March 2012, "Automatic Remote Surveillance, Cellular Network Based Facial Recognition System Using Eigen Face Vector Techniques".
- J. S. Parab, R. S. Gad and G. M. Naik, *Recent Advances in Sensors and Instrumentation, NSRASI-07*, UGC Sponsored National Seminar Shankarao Mohite patil Vidhyalaya, Akhuj, District Solapur, Maharashtra, 19th and 20th December 2011, "Comparative study of Multivariate PLSR model for Blood Glucose estimation on spectra's generated by Lorentzian and Gaussian method".
- J. S. Parab, R. S. Gad, *VLSI and Embedded System*, VSI Goa Chapter, Goa, 22nd March 2012, "Rtos Based Unmanned Quadra-Copter".
- J. S. Parab, R. S. Gad and G. M. Naik, *VLSI and Embedded System*, VSI Goa Chapter, Goa, 22nd March 2012, "Soft Core Based Embedded Platform For Soil".
- R. S. Gad and J. S. Parab, *VLSI and Embedded System*, VSI Goa Chapter, Goa, 22nd March 2012, "Pattern Recognition for Surveillance: PCA Performance Studies with Threshold Variation".
- J. S. Parab, R. S. Gad and G. M. Naik, *VLSI and Embedded System*, VSI Goa Chapter, Goa, 22nd March 2012, "Measurement of Body Cholesterol using FPGA".
- R. S. Gad and G. M. Naik, *VLSI and Embedded System*, VSI Goa Chapter, Goa, 22nd March 2012, "BER performance for noisy channel in Giga Bit Ethernet".
- R. S. Gad and G. M. Naik, *Networks and Communication*, AIRCC-ICCSEA and Springer, Delhi, 25th to 27th May 2012, "Performance analysis of Gigabit Ethernet standards for various physical media using triple speed Ethernet IP core on FPGA".

Department of Earth Science:

- K. Mahender, Akshada Naik and J. N. Pattan *National Seminar on Modern and Palaeo Sediments Implication to Climate, Water Resources and Environmental Changes & XXVIII Convention of Indian Association of Sedimentologists*, JNU, New Delhi, 24th to 26th November 2011, "Rare earth element geochemistry of a sediment core during the past 18 ka from south western Arabian Sea".
- K. Mahender, Glancia Fernandes and S. D. Iyer *National Seminar on Modern and Palaeo Sediments Implication to Climate, Water Resources and Environmental Changes & XXVIII Convention of Indian Association of Sedimentologists*, JNU, New Delhi, 24th to 26th November 2011, "Characteristics and origin of components in a red – clay sediment core, Central Indian Ocean Basin".
- K. Mahender, S. Sudheshna and P. Kunte *Global Geospatial Conference 2012-spatially Enabling Government, Industry and Citizens*, GSDI, USA and University of Laval, Quebec, Canada, 14th to 17th May 2011, "Coastal Geomorphology and Landuse Changes Along Coastal parts of Goa: An RS-GIS Approach"(jointly with
- K. Mahender, *Global Geospatial Conference 2012- spatially Enabling Government, Industry and Citizens*, GSDI, USA and University of Laval, Quebec, Canada, 14th to 17th May 2011, "A Review of the Geosciences and Geospatial Education system in India vis-avis needs and Perspectives in imparting need based training and Education for better management of Land use and Natural Resource Management".

Faculty of Life Sciences & Environment

Department of Botany:

- M. K. Janarthanam, *XVIII International Botanical Congress, International Botanical Congress Committee under the auspices of IUBS & IABMS*, Melbourne, Australia, 23rd to 30th July 2011, "Endemism and speciation on rocky outcrops of Western Ghats, India".
- M. K. Janarthanam, *National Seminar on Biodiversity Conservation and Climate Change*, CSIR Institute of Minerals and Materials Technology, Bhubaneswar, 2nd - 4th December 2011, "Implications of International Code of Nomenclature on Plant taxonomy in India".
- M. K. Janarthanam, *Evolving Paradigm to improve Productivity from dynamic Management and Value addition for Plant Genetic Resources*, Department of Botany, Gujarat University, Ahmedabad, 13th to 15th October 2011, "Taxonomic monographs and Plant Genetic Resources".
- Cassie Rodrigues and B. F. Rodrigues, *National Seminar on Biodiversity Conservation and Climate Change*, Environment and Sustainability Department, CSIR Institute of Minerals and Materials Technology, Bhubaneswar, Odisha, Odisha, 2nd to 4th December 2011, "Enhancing seed germination in *Trema Orientalis* (L). Blume – A pioneer plant for mine wasteland reclamation".
- Vaingankar, J. D. and B. F. Rodrigues, *National Conference on Mycodiversity with its Sustainable Exploration and Biotechnological Applications*, Botany Department - Shri Shivaji Science College, Amaravati, Maharashtra, Amaravati, 6th to 7th February 2012, "Screening for efficient Arbuscular Mycorrhizal (AM) fungal bioinoculants for three commercially important ornamental flowering plant species"
- D'Souza, James and B. F. Rodrigues, *National Conference on Mycodiversity with its Sustainable Exploration and Biotechnological Applications*, Shri Shivaji Science College, Amaravati, Maharashtra, Amaravati, 6th to 7th February 2012, "Establishment of in vitro culture of Arbuscular Mycorrhizal (AM) fungus *Glomus clarum* using Ri T-DNA transformed *Cichorium intybus* (Chicory) roots and vesicles as inoculums".
- B. F. Rodrigues, *National Seminar on Microbes-Diversity and their implications*, St. Aloysius College (autonomous), Mangalore, 21st and 22nd February 2012, delivered an invited lecture entitled "Diversity and in vitro cultivation of AM fungi".
- B. F. Rodrigues, *National Conference on Plant and Environment*, Kakatiya University, Kakatiya University, Kakatiya, 29th and 30th March 2012, delivered an Invited lecture entitled "Arbuscular Mycorrhizal Fungi – Diversity and inoculum Production".
- Vijaya Kerkar and Roy V. Rodrigues, *National Conference on Algae and Algal Products*, Sathyabama University, Chennai Tamil Nadu, 22nd to 24th September 2011, "Diversity of freshwater green algae from Taleigao plateau, Goa, India".
- Suraksha Pednekar, S. G. P. Matondkar and Vijaya Kerkar, *National Conference on Algae and Algal Products*, Sathyabama University, Chennai Tamil Nadu, 22nd to 24th September 2011, "Observations on the Phytoplankton response to monsoon in Mandovi estuary of Goa".
- Geeta Kanolkar, Vijaya Kerkar and C. U. Rivonker, *National Seminar on New Vistas in Plant Sciences*, Goa University, 15th and 16th March 2012, "Environmental variables and Phytoplankton Diversity at Dona Paula Goa, West coast of India".

- Baskaran, M. and S. Krishnan, *National Seminar on New Vistas in Plant Science*, Goa University, Goa, India, 15th and 16th March 2012, "Direct multiple shoots formation and mass multiplication of *Garcinia indica* Choisy (Kokum)".
- Ravikiran S. Pagare, Sidhesh S. Naik, S. Krishnan and M. K. Janarthanam, *UGC-SAP National Seminar on New Vistas in Plant Science*, Goa University, Goa, India, 15th to 16th March 2012, "Embryo culture of *Pseudoglochidion*: Monotypic critically endangered tree genus of Western Ghats".
- Shilpa J. Bhosle and S. Krishnan, *UGC-SAP National Seminar on New Vistas in Plant Science*, Goa University, Goa, India, 15th and 16th March 2012, "Grain quality evaluation of rice varieties of Goa".
- Naik, S. S., Krishnan, S., Janarthanam, M. K. and F. X. Araujo, *21st Annual Conference of Indian Association for Angiosperm Taxonomy and National Seminar on Biodiversity Conservation and Climate Change, Environment and Sustainability Department*, CSIR-Institute of Minerals and Materials Technology, Bhubaneswar, Orissa, 2nd to 4th December 2011, "In-situ conservation of a critically endangered plant *Phyllanthus talbotii* of Western Ghats".
- N. Kamat, *Goa-Past, Present and Future-Centenary Seminar*, Gomant Vidya Niketan, Margao, Ravindra Bhavan, Margao, 25th March 2012, "Goa- Future Perspectives".
- N. Kamat, *Centenary of Konkani Novel*, Department of Konkani, Goa University, 22nd and 23rd February 2012, "From Novels to Films".
- N. Kamat, *Major Superiors of Religious Congregations working in the Archdiocese of Goa, Archdiocese of Goa*, Lar de Estudantes, Altinho, Panaji, 13th January 2012, "Our Response Towards Land and Resources".
- N. Kamat, *Theology of Tourism, Centre for Responsible Tourism*, Mater dei institute, Old Goa, 9th December 2011, "Tourism and Ecology".

Department of Microbiology:

- S. K. Dubey, *International Conference on Microorganisms in Environmental management and Biotechnology*, Barkatullah University, Bhopal, Bhopal (M. P.), 1st to 3rd July 2011, "Glow in dark microorganisms as a sensitive marker for ionic mercury monitoring".
- Brenda D'Costa and S. K. Dubey, *52nd Annual Conference of AMI*, Punjab University, Chandigarh, 3rd to 6th November 2011, "Isolation, identification and Biological characterisation of Alkaline protease producing alkaliphilic, bacteria from coastal environment of Goa".
- D. D'Costa, S. N. Bhosle, R. B. Dhuri, S. P. Doijad and S. B. Barbuddhe *4th FEMS Congress*, Geneva, Switzerland, 26th to 30th June 2011, "Non-O157 Shiga toxin-producing *Escherichia coli* from bovine raw milk".
- D. D'Costa, S. N. Bhosle, S.P. Doijad, K. Poharkar, S. Kalekar, J. Rodrigues and S.B. Barbuddhe, *Holistic Medicine (ICHM 2011)*, Institute for Holistic Medical Sciences (IHMS), Kerala, Ayurveda-und Venen-Klinik, Austria and Institute of Macromolecular Science and Engineering (IMSE), Kerala, 11th to 13th September 2011, "Characterisation of antimicrobial resistance of Shiga toxin producing *Escherichia coli*".
- T. De Sousa, T. Gaonkar and S. Bhosle *52nd Association of Microbiologists of India (AMI) Conference*, Punjab University, Chandigarh, 3rd to 6th November 2011, "Benzoate induced variations in pigment production in a denitrifying bacterium".

- T. Gaonkar, T. De Sousa, S. Borkar and S. Bhosle *52nd Association of Microbiologists of India (AMI)*, Punjab University, Chandigarh, 3rd to 6th November 2011, “Effect of pH, NaCl and growth medium on siderophore production by a sand dune isolate”.
- S. Naik, R. B. Tangsali and I. Furtao *International Conference on Microbial Biotechnology for Sustainable Development*, Punjab University, Chandigarh, November 2011, “Interaction of Haloarchaeon GUSF MTCC 3265 with Fe⁺² Fe⁺³ ions”.
- S. Nazareth, S. Nayak and V. Gonsalves *12th International Marine and Freshwater Mycology Symposium Asian Mycological Congress 2011*, University of Incheon, South Korea, 6th to 11th August 2011, “Halophilic filamentous fungi isolated from marine ecoiniches of Goa-India”.
- M. Gazem and S. Nazareth *International Conference on Microbial Biotechnology for Sustainable Development and 52nd Annual Conference of Association of Microbiologists India*, Punjab University, Chandigarh, 3th to 6th November 2011, “Sorptions of Pb⁺² and Cu²⁺ by *Aspergillus* species in an aqueous phase system”.
- J. Sharma, D. Simoes and S. Nazareth *International Conference on Microbial Biotechnology for Sustainable Development and 52nd Annual Conference of Association of Microbiologists India*, Punjab University, Chandigarh, 3th to 6th November 2011, “Sorptions of heavy metals by dematiaceous fungi isolated from marine waters”.
- V. Gonsalves, S. Nayak and S. Nazareth *38th Annual Meeting of Mycological Society of India*, Shri. Shivaji Science College, Amravati, 6th and 7th February 2012, “Halophilic fungi from the Dead Sea and their production of osmolytes”.
- A. Bicholkar and S. Nazareth, *38th Annual Meeting of Mycological Society of India*, Shri. Shivaji Science College, Amravati, 6th to 7th February 2012, “Biosorption of heavy metals by fungi from solar salterns”.
- D. Simoes, J. Sharma and S. Nazareth *38th Annual Meeting of Mycological Society of India*, Shri. Shivaji Science College, Amravati, 6th to 7th February 2012, “Tolerance levels and response to heavy metals by dematiaceous”.
- P. Nayak, N. Palanker, S. Bhosle and S. Garg *52th Annual Conference of Association of Microbiologists of India*, Punjab University, Chandigarh, 3rd to 6th November 2011, “Studies on polyhydroxyalkanoate accumulating heterotrophic bacteria from coastal sand-dunes of East-Coast of India”.
- V. Salgaonkar, P. Nayak, P. Noronha, S. Bhosle and S. Garg *52th Annual Conference of Association of Microbiologists of India*, Punjab University, Chandigarh, 3rd to 6th November 2011, “Impact of total annular solar eclipse on the heterotrophic bacterial count of sand-dunes”.

Department of Marine Science:

- Anant Pande and G. N. Nayak, *International Conference on Sediment Management 2012*, Alibag, Mumbai, 21st to 23rd March 2012, “Assessment of sources and factors controlling the distribution of metals in estuarine mudflats along west coast of India”.
- G. N. Nayak, Tomchou Singh, Lina Fernandes and D. V. Borole, *International Conference on Sediment Management 2012*, Alibag, Mumbai, 21st to 23rd March 2012. “Factors responsible for variation in sedimentation rate along Central West Coast of India”,

- Lina Fernandes and G. N. Nayak, *International Conference on Sediment Management 2012, Alibag*, Mumbai, 21st to 23rd March 2012, “Distribution and contamination status of metals in mangrove sediments of Thane creek, Mumbai, India”.
- Maheshwar R. Nasnodkar and G. N. Nayak, *National Conference on Mangrove Wetlands and near Shore Marine Ecosystems from Sustainability Issues to Management and Restoration*, JNU, New Delhi, 5th to 6th March 2012, “Reading depositional environment along the Mandovi Estuary through mudflat sediment cores”.
- Samida P. Volvoikar and G. N. Nayak, *National Conference on Mangrove Wetlands and near Shore Marine Ecosystems from Sustainability Issues to Management and Restoration*, JNU, New Delhi, 5th to 6th March 2012, “Depositional environments of mangrove sediments with time along North Maharashtra Coast”.
- Anant Pande and G. N. Nayak, *International Conference on Environmentally Sustainable Urban Ecosystems*, Department of Civil Engineering, IIT, Guwahati, Assam, 24 – 26 February 2012’ “Variation of Sedimentological and geochemical parameters within mudflat environment with space and time”.
- Lina Fernandes, G. N. Nayak and D. Ilangovan, *International Conference on Environmental, Biological and Ecological Sciences and Engineering*, Zurich, Switzerland, 15th to 17th January 2012. “Geochemical assessment of heavy metal concentrations in Mangrove sediments along Mumbai Coast, India”.
- Anant Pande, G. N. Nayak, Vandana Prasad and Sunil Kumar Shukla, *XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium on Global Bioevents in Earth History*, Bangalore University, Bangalore, 9th to 11th December 2011, “Distribution of diatoms, sediment components and geochemical parameters in a sediment core off Rajapuri Creek, West Coast of India – An integrated approach to understand recent past changes.”
- Samida Volvoikar and G. N. Nayak, *3rd International Conference on Ecotoxicology and Environmental Sciences*, Miramar Residency, Goa, 28th to 30th November 2011, “Sediment quality assessment through distribution and associations of metals within mudflats and mangrove sediment cores of Vaitarna estuary”.
- Ratnaprabha Siraswar and G. N. Nayak, *3rd International Conference on Ecotoxicology and Environmental Sciences*, Goa, 28th to 30th November 2011, “Distribution and enrichment of trace metals in recent sediments of Mandovi estuary, West Coast of India”.
- Lina Fernandes and G. N. Nayak, *3rd International Conference on Ecotoxicology and Environmental Sciences*, Goa, 28th to 30th November 2011, “Factors controlling metal distribution in Mangrove regions of Thane creek, Mumbai”.
- Sunil Kumar Shukla, Xavier Crosta, M. Sudhakar, G. N. Nayak and Olivier Ther, *National Seminar on Modern and Paleo Sediments and XXVIII Convention of Indian Association of Sedimentologists*, JNU, New Delhi, 24th to 26th November 2011, “Glacial-interglacial size variations of diatom *Thalassiosira lentiginosa* from Southern Ocean: Insights from productivity and environmental conditions.”
- Anant Pande, G. N. Nayak, Vandana Prasad and Sunil Kumar Shukla, *National Seminar on Modern and Paleo Sediments and XXVIII Convention of Indian Association of Sedimentologists*, JNU, New Delhi, 24th to 26th November 2011, “Distribution of diatoms and their controlling parameters in a sediment core off Dharamtar Creek, West Coast of India”.

- Samida P. Volvoikar, G. N. Nayak and Aninda Mazumdar, *7th International Conference on Asian Marine Geology*, National Institute of Oceanography, Goa, 10th to 14th October 2011. "Depositional Environment with time through the study of mudflat sediment cores of Vaitarna estuary".
- Sunil Kumar Shukla, Xavier Crosta, M. Sudhakar, G. N. Nayak and Olivier Ther, *National Conference on Science of Climate Change and Earth's Sustainability: Issues and Challenges*, Lucknow, 12th to 14th September 2011. "Glacial-Interglacial productivity fluctuations from Indian Antarctic polar front of Southern Ocean".
- Lina Fernandes and G. N. Nayak, *Humboldt Kolleg and International Conference – Earth Future*, Salem, 7th to 9th September 2011, "Temporal study of metal pollution in Ulhas estuary, Mumbai, India".
- Ratnaprabha R. Siraswar and G. N. Nayak, *Humboldt Kolleg and International Conference – Earth Future*, Salem, 7th to 9th September 2011. "Role of suspended particulate matter in metal distribution within an estuarine environment".
- Harilal Menon, Shilpa Shirodkar, Suresh Babu and K, Krishnamoorthy, *IITM Golden Jubilee International Conference of Opportunities and Challenges in Monsoon Prediction in a Changing Climate*, IITM, Pune, 21st to 25th February 2012, "Aerosol optical depth (AOD) measurement and the direct radiative forcing over GOA West coast of India, during the year 2008".
- Harilal Menon, *A perspective for satellite applications in the Indian context*, *International Centre Goa*, 19th to 21st March 2012, "In-situ analysis of coastal waters of eastern Arabian sea and development of algorithm to retrieve algal blooms from an optical sensor".
- Harilal Menon, Shilpa Shirodkar, Suresh Babu and K. Krishnamoorthy, *Asian Oceania Geosciences*, Taipei, Taiwan, 8th to 12th August 2011, "Annual and inter annual variability of BC mass concentration, aerosol optical depth (AOD) and relative forcing over Goa, a tropical coastal site in India".

Department of Zoology:

- Desai, M. and Shanbhag A. B., *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Ecological efficacy of managed monoculture plantations in comparison with unmanaged monocultures".
- R. Roy, *Physicon 2011*, NRI Medical College, Guntur, 21st to 23rd December 2011, "Lipidomics of some fishes: control of inflammatory diseases".
- Bhoite Shivraj and R. Roy, *National Conference on Recent Trends in Life Science with special reference to Animal Physiology, Biotechnology and Biodiversity*, SGM College, Karad, Maharashtra, 19th to 20th October 2011, "Characterisation of gill chloride cells from mud crab, *Scylla serrata*".
- Bhoite Shivraj and R. Roy, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Isolation of chloride cell of mud crab *Scylla serrata*".
- Manju Surliker and R. Roy, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Comparative study on the effect of antioxidant vitamins on alcohol induced hepatitis in mice *Mus musculus*".

- Praveen Kumar M. K., S. K. Shyama & N. Suchetha Kuari, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Evaluation of L Fucose C Reactive protein (CRP) and Sialic acid levels in type 2 Diabetes mellitus".
- Gaude G. S. & S. K. Shyama, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Bioaccumulation of Polycyclic Aromatic Hydrocarbons in two bivalves *Meretrix ovum* and *Meretrix casta* from west coast of India (Goa)".
- Kadam S. K., S. K. Shyama and V. G. Almeida, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Radiation dosimetric study of Head & Neck Cancer patients undergoing Gamma Radiotherapy in Goa by Cytogenetic analysis".
- Praveen Kumar M. K., S. K. Shyama, B. S. Sonaye and R. C. Chaubay, *11th All India Conference on Cytology and Genetics*, Bangalore University, Bangalore, 23rd to 25th January 2012, "Gamma radiation induced genotoxic effect on erythrocytes of fish *Cyprinus carpio*".
- Kadam S. K., S. K. Shyama and V. G. Almeida, *11th All India Conference on Cytology and Genetics*, Bangalore University, Bangalore, 23rd to 25th January 2012, "Analysis of DNA damage measured by comet assay in gamma treated head and Neck cancer patients in Goa Medical College, Goa".
- Gaude G. S. and S. K. Shyama, *11th All India Conference on Cytology and Genetics*, Bangalore University, Bangalore, 23rd to 25th January 2012, "Genetic damage in fish *Johnius dussumier* as biomarkers for assessment of marine Pollution".
- Kadam S.K. S. K. Shyama & V. G. Almeida and B. Sonaye, *National Conference on Recent trends in Life sciences with special reference to Animal Physiology, Biotechnology and Biodiversity*, Sadaguru Gadage Maharaja College, Karad, Maharashtra, 19th to 20th October 2011, "Domestic analysis of the DNA damage induced by various doses of gamma rays in the Head & Neck Cancer patients in Goa".
- Socorinha D'Costa and I. K. Pai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Zooplankton diversity in the coastal waters of Colva, Goa".
- Priolkar Kunja and I. K. Pai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Zooplankton in relation to water quality: Zooplankton biodiversity survey of few selected temple tanks of Goa, India".
- Maria Lizanne and I. K. Pai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "A preliminary survey for soil inhabiting nematodes of Goa".
- Socorinha D'Costa and I. K. Pai, *National Seminar Recent Advances in Biological Sciences*, St. Aloysius College, Mangalore, 28th to 29th February 2012, "Zooplankton dynamic in coastal waters".
- I. K. Pai, *National Symposium on Challenges in Biodiversity Conservation & Sustainability*, Allahabad Central University, Allahabad, 17th to 18th March 2012, "Challenges in biodiversity conservation in view of present climate change, with special reference to zooplankton of Antarctica".
- K. K. Therisa and P. V. Desai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Epilepsy mediated alteration in the electrolyte contents of the discrete mice brain regions".

- K. K. Therisa and P. V. Desai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Screening of complimentary drugs to study antiepileptic effect on Cerebral ganglion of Crab *Scylla serrata*".
- Shashikumar A. and P. V. Desai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Characterisation of infinite cell line from testicular cells of Crab *Scylla serrata*".
- Clemente A. and P. V. Desai, *National Seminar on Advances in Zoology and Life Processes*, Goa University, Department of Zoology, 9th to 11th February 2012, "Effect of aqueous and methanolic leaf extracts of *Amaranthus tricolor* L. on alanine aminotransferase and aspartate aminotransferase in normal and alloxan induced diabetic rats".

Department of Biotechnology:

- Shuvankar Ballav, Tonima Kamat, Flory Pereira and Savita Kerkar, *International Conference on Microbiology and Biotechnology for Sustainable Development*. 52th Annual Conference of AMI-2011, Punjab University, Chandigarh, 3rd to 6th November 2011, "Salt pans microbes: Potential factories of diverse metabolites".
- Lilly Anne Devasia and Usha D. Muraleedharan, *Second National Conference on Biotechnology, Bioinformatics and Bioengineering*, Society for Applied Biotechnology, Kolhapur, Maharashtra, 24th to 25th February 2012, "Thraustochytrids - a noteworthy group of marine protists with remarkable polysaccharide degrading properties".
- Surya Nandan Meena and Sumangala Bhat, *Second National Conference on Biotechnology, Bioinformatics and Bioengineering*, Society for Applied Biotechnology, Kolhapur, Maharashtra, 24th to 25th February 2012, "Development of species SCAR markers for the identification of *Trichoderma* isolate".

Faculty of Management

- N. Mekoth and Edgar D'Souza, *Responsible Tourism*, NITHM, Hyderabad, 12th November 2011, "Perceptions of Tourism Related Responsibility of the Stakeholders in a Tourism Destination: Empirical Evidences".
- R. Nirmala, *International Conference on Business, Strategy and Management*, Veloxian Learning and Consultancy, Bhubaneswar, 25th June 2011, "Transformational leader development".
- R. Nirmala, *International Conference on Business, Strategy and Management*, Veloxian Learning and Consultancy, Bhubaneswar, 25th June 2011, 1. "Transformation Leader Development". 2. "Ladding - a useful technique to map consumer decision Process".
- Purva Hegde Desai and Vilas Waikar, *Emerging Issues of Global Finance*, Sri Sri Institute of Management Studies, Goa, 26th November 2011, "Risk Management Practices in Hotel Industry".
- M. S. Dayanand and M. H. Dani, *Recent Trends in Business, Management and IT*, Department of Commerce, University of Pune, Pune, Impact of Outsourcing on Industry Performance.
- M. S. Dayanand and M. H. Dani, *Strategic Role of Vendors in SCM Structure*, Sri Sai Ram Institute of Management Studies, Chennai, 22nd & 23rd September 2011, "Competency Building Strategies in Business and Technology for Sustainable Development".

Faculty of Commerce

- B. Ramesh, *64th All India Commerce Conference*, Department of Commerce, School of Management, Pondicherry University, Pondicherry, 13th to 15th December 2011, Presidential address on “Resurfaced Global Financial Crisis - Development Strategy for India”.
- B. Ramesh, *UGC Sponsored Two Day National Seminar*, Avinashilingam Institute for Home Science and Higher Education for Women’s University, Coimbatore, Tamil Nadu, 15th to 16th December 2011, Keynote Address on “India’s Infrastructure: Challenges, Initiatives and Perspectives”.
- B. Ramesh, *National Conference “Yugantar” The Rousing Challenges of Management Systems and Practices in 21st Century*, Alard Institute of Management Sciences, Pune, 27th to 28th September 2011, Keynote Address on “Global Financial Crisis”.
- B. Ramesh, *National Conference on Commerce and Banking in 21st Century*, D. G. College of Commerce, Satara, Maharashtra, 20th to 21st April 2012, Keynote Address at the inaugural session.
- B. Ramesh, *4th National Conference on Management of Inclusive Growth – Issues, Challenges and Opportunities*, Bapuji Institute of Management Studies, Davangiri, 16th to 17th March 2012, Keynote Address on “Financial Inclusiveness”.
- Pournima S. S. Dhume and B. Ramesh, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Regulatory Framework of Mutual Funds in India: Emerging Issues”.
- Guntur Anjana Raju and Mary John, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Corporate Governance Disclosure and Performance of Finance Sector: An Empirical Analysis in the Indian Context”.
- Guntur Anjana Raju and Satish S. Volvoicar, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Pattern of Shareholding and Accounting and Reporting Practices- Critical Study in Selected Indian Companies”.
- Guntur Anjana Raju, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Happiness at Work – A Choice”.
- Guntur Anjana Raju, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Work-Life Balance a 24X7 Tightrope Act from 21st Century”.
- Guntur Anjana Raju and Gaurav Kauthankar, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Clause 40A Impact on Minimum 25% of Public Shareholding Regulation in India: An Empirical Analysis”.
- Guntur Anjana Raju, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “India’s Emergence as a Serious Player in the Global Carbon Credits Markets- Regulatory Framework a Challenge”.
- Guntur Anjana Raju and Suraj M. Popker, *64th All India Commerce Conference*, Pondicherry University, Pondicherry, 13th to 15th December 2011, “Member’s Perception of Marketing and Quality of Services provided by Dairy Milk Societies in Goa: A Case study”.

- R. Chen, K. B. Subhash, V. George and K. Weiermair *10th Biennial Asia Tourism Forum (ATF 2012) Conference on Tourism and Hospitality Industry in Asia*, Bandung Institute of Tourism, Bandung, Indonesia, 8th to 10th May 2012, “Learning motivation, performance, and satisfaction: A comparison between students majoring in Tourism and Hospitality Programmes from Taiwan and India”.
- Sri Ram, *National Conference on Commerce and Banking in 21st Century*, D. G. College of Commerce, Satara District, Maharashtra, Satara District, Maharashtra, 20th and 21st April 2012, “Impact of Non performing Assets in Selected Sectorial Banks”.

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

- Ishwar Singh, *Leadership School for NGO activists*, Jan Pahal and Action-Aid, Bhopal, ICUF Ashram, Bhopal, 17th July 2011, “Understanding Inequality in the Contemporary World”.
- Ishwar Singh, *International Symposium on Ethics of Development and Environment*, UNESCO’s International Council for Philosophy and Humanistic Studies and Department of Philosophy, Goa University, International Centre, Goa, 27th July 2011, “Adivasi Predicament: A critique of Contemporary Ethics of Development and Environment”.
- Ishwar Singh, *Goem Mukti Uprantichi Kavita: Ekvisavya Shekdyachya Sandarbhat*, Departments of Hindi, Konkani and Marathi, St. Xavier’s College of Arts, Science and Commerce, Mapusa and Arts and Culture Department of Goa Government, Xavier’s College, Mapusa, Goa, 18th February 2012, “Ekkisween Sadee aur Samkaleen Hindi Kavita”.
- Ishwar Singh, *National Seminar on Social Exclusion Discourse in the Thought of Phule, Ambedkar, Gandhi and Nehru*, CSSEIP and Department of Philosophy, Goa University, 12th and 13th March 2012, “Assimilating and Integrating Adivasi: Revisiting Gandhi and Nehru”.
- Ishwar Singh, *ICSSR supported National Seminar on Indian Republic at 60s: Appraisal from the Margins*, Department of Political Science, Ramlal Anand College, University of Delhi, 21st and 22nd March 2012, “Being Adivasi in Indian Liberal Democracy”.
- Ishwar Singh, *National Seminar on Ideology, Values and Society*, Department of Philosophy, Goa University and Centre for Study in Civilisation, New Delhi, Goa University, 25th and 26th June 2012, “Ideology and the Idea of Society”.
- Ishwar Singh, Department of Hindi, Maulana Azad National Urdu University, Hyderabad, Maulana Azad National Urdu University, Hyderabad, 10th August 2012, Special lecture on “Globalisation and Tribal Literature”.
- Sadanand B. Sugandhi, *National Seminar on Social Exclusion Discourse in the Thought of Phule, Ambedkar, Gandhi and Nehru*, CSSEIP, Goa University, 12th and 13th March 2012, “Locating ‘Exclusion’ Discourse of Phule and Ambedkar in Contemporary Socio-political Pragmatics”.
- Vijay M. Gawas, *National Seminar on Social Exclusion Discourse in the Thought of Phule, Ambedkar, Gandhi and Nehru*, CSSEIP, Goa University, 12th and 13th March 2012, “Conceptions of Democracy and State: Ambedkar’s Perspective”.

C: Research Publications in National/International Journals:

(Author(s), Month, year, Title of Research Publication/Article in Original Language, Journal reference (National/International), Volume, Pg. No. & Impact Factor, Web link).

Faculty of Languages & Literature

Department of English:

- K. Budkuley and Bharati Falari (April-June 2011) "Cinema-a Catalyst of Social Reform in the pre-Independence Era", *Govapuri*: V: 113-119.

Department of Hindi:

- Ishart B. Khan (October- December 2011) Hindi ke giti natya, *Samarlok Bhopal (Traimashi)*, 13(4):81-83.
- Ravindranath S. Mishra (July 2011) Premchand: punarmulyankan ki dishaye Dishaye evam charchaye, *Bharat Vani, DVHP, Dharwad*, 4:3-8. .
- Ravindranath S. Mishra (July-September 2011) Kedar kavya ki lokdharmita, *Alochana Traimasik* New Delhi, 42:62-68.
- Ravindranath S. Mishra (August 2011) Naye Upanyaso mein Bhumandalikaran evam Bhajarvaad, *Naya Gyanodaya*, 102:97-100.
- Ravindranath S. Mishra (2008, 2009) Konkani Sahitya Sarvekshan Varshiki 2009, September 2011 Bhartiya Sahitya Sarvekshan, Kendriya Hindi Nideshalaya, New Delhi, *Varshiki pp.* 40- 48.
- Vrushali S. Mandrekar (December 2011) Mukti Ki Chhatpatahat, *Navnikash*, 6(9):32-35.

Department of Konkani:

- Madhavi Sardesai (July 2011) Komknno: Ek Sod, *Jaag*, 3(8):2-4.
- Madhavi Sardesai (August-September 2011) Konkanni Challvallik Ravindrababalem Yogdan. *Jaag*, 38(1):9-18.
- Madhavi Sardesai (October - December 2011) Kristanv Ghorabo: Ek Samajbhasvidnyanik Nodar, *Jaag*, 38(2):4-10.
- Madhavi Sardesai (April - July 2012) Komkanni Gadyache Antarik Layechya Sandarbhant Komkanni padyacho Abhyas: Ek yatn, *Jaag* 38(3):3-6.

Faculty of Social Sciences

Department of Economics:

- S. M. Noronha and Savio Falleiro (September 2011) (International), Newer Perspectives on the Burden of HIV/AIDS on Medical Expenditures of Individuals and Households, *Journal of Health Management*, 13(3):301-328.
- Pranab Mukhopadhyay and Gopal K. Kadekodi (November 2011) (National), Missing the Woods for the Ore: Goa's Development Myopia, *Economic and Political Weekly*, XLVI (46):61-67.
- P. K. Sudarsan and B. P. Sarath Chandran (April 2012) (National), India-ASEAN Free Trade Agreement: Implications for Fisheries, *Economic and Political Weekly* XLVII: 65-70.
- P. K. Sudarsan and Deepali Karmali (July-December 2011) (National), Determinants of Service Exports: A Static and Dynamic Analysis, *Journal of International Economics* 2:73-83.

Department of Sociology:

- Ganesha Somayaji, Melba S. D'Souza and K. S. Nairy (September 2011) (International), Determinants of Reproductive Health and Related Quality of Life among Indian Women in Mining Communities. *Journal of Advanced Nursing*, 67(9):1963-1975.
- Alito Siqueira, Paths to knowledge are ways to learning, 2011, *Contributions to Indian Sociology*, 45(3):437-445.

Department of Philosophy:

- Koshy Tharakan (June 2011) Phenomenology of the Human Condition: Hermeneutics of the Social Sciences Revisited, *Suvidya Journal of Philosophy and Religion*, 5(1):15-25.
- Koshy Tharakan (December 2011) Questioning the Body: From Technology towards a Sense of Body, *Kritike*, 5(2):112-122.

Department of Political Science:

- Rahul Tripathi (March 2012) (National), A Political Perspective for SAARC, *World Focus*, 387:31-35.

Centre for Latin American Studies:

- A. Gangopadhyay (September 2011) India-Brazil Trade and Economic Relations: The Beginning of a New Strategic Partnership, *Diplomatis*, 4(9): 68-71.
- Dattesh D. Parulekar (October 2011) Contemporary Russian Policy towards Latin America: Challenges and Opportunities, *World Focus*, pp. 72-80.
- Dattesh D. Parulekar (2011) Indo-Brazilian Compact in the 21st Century: When Relationship turns into Partnership, (Ed. Rajkumar Kothari) *Emerging India as a Growing Player: Growing Ties and Challenges*, Atlantic Publishers, New Delhi, pp. 131-154.

Centre for Women Studies:

- Desouza, Shaila (January - June 2012) (National), Tourism, Nutrition and Women's Health in Goa, *Review of Development and Change* XVII (1):75-94.

Faculty of Natural Sciences**Department of Chemistry:**

- P. A. Pavaskar, S. Chodankar and A. V. Salker (2011) Photoluminescence and photocatalytic degradation studies on some metallophthalocyanines, *Eur. J. Chem.*, 2:416-419.
- S. R. Naik and A. V. Salker (2012) Change in the magnetostructural properties of rare earth doped cobalt ferrites relative to the magnetic anisotropy, *J. Mater. Chem*, 22: 2740-2750.
- S. D. Gokakakar and A. V. Salker (2012) Synthesis, purification and thermal behavior of sulphonated metalloporphyrins, *J. Thermal Analysis and Calorimetry*, 109: 1487-92.
- A. A. Vernekar, S. T. Bugde and S. G. Tilve (2012) Sustainable Hydrogen Production by Catalytic Hydrolysis of Alkaline Sodium, Borohydride Solution Using Recyclable Co-Co₂B and Ni-Ni₃B, Nanocomposites, *International Journal of Hydrogen Energy*, 37:327-334.

- S. G. Tilve (2012) A Facile Synthesis of 2, 2'-Biindole: Formal Synthesis of Arcyriaflavin-A and Staurosporinone (K-252c), *Asian Journal of Chemistry*, 24: 2213-15.
- C. Bhat and S. G. Tilve (2011), Synthesis of (-)-hygrine, (-)-norhygrine, (-)-pseudohygrine and (-)-hygrine via Nef reaction, 2011, *Tetrahedron Lett.*, 52: 6566-6568.
- P. T. Parvatkar and S. G. Tilve (2011) An Efficient Synthesis of Indoloquinoline Alkaloid – Neocryptolepine Cryptotackieine, *Tetrahedron Lett.*, 52: 6594-6596.
- K. Moovendaran, B. R. Srinivasan, J. K. Sundar, S. A. M. B. Dhas and S. Natarajan (2012) Structural, vibrational and thermal studies of a new nonlinear optical material: L-Asparagine- L-Tartaric acid, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 92:388-391. <http://www.sciencedirect.com/science/article/pii/S1386142512002065>
- B. R. Srinivasan, S. Y. Shetgaonkar, K. T. Dhavskar, J. K. Sundar and S. Natarajan (2012) Synthesis and structural characterisation of bis(μ -2-aqua)tetrakis(aqua)dilithium(I) bis(4-nitrobenzoate), *Indian J. Chem.* 51A:564-570. <http://nopr.niscair.res.in/handle/123456789/13822>.
- B. R. Srinivasan, S. Y. Shetgaonkar, M. Saxena and C. Näther (2012) A new calcium(II) coordination polymer based on a μ -tridentate bridging 4-nitrobenzoate, *Indian J. Chem.* 51A: 435-443. <http://nopr.niscair.res.in/handle/123456789/13651>
- J. M. D. S. Menezes, B. R. Srinivasan, P. Raghavaiah, S. K. Paknikar and S. P. Kamat (2011) First Synthesis of 2-(2,4,4-Trimethyl-3,4-dihydro-2H-benzo[h]chromen-2-yl)-1-naphthol and 3-(2,4,4-Trimethyl-3,4-dihydro-2H-benzo[g]chromen-2-yl)-2-naphthol from 1- and 2-Naphthol Derivatives, *J. Heterocyclic Chem.* 48:952-956. <http://onlinelibrary.wiley.com/doi/10.1002/jhet.473/abstract>
- S. Natarajan, J. K. Sundar, S. Athimoolam, B. R. Srinivasan, S. Natarajan, J. K. Sundar, S. Athimoolam and B. R. Srinivasan (2011) Synthesis and characterisation of a new strontium(II) coordination polymer based on a μ -tridentate bridging zwitterionic glycine, *J. Coord. Chem.* 64:2274-2282. <http://www.tandfonline.com/doi/abs/10.1080/00958972.2011.594887>
- U. B. Gawas, V. M. S. Verenkar, and S. C. Mojumdar (2012), Nano-crystalline $Mn_{0.3}Ni_{0.3}Zn_{0.4}Fe_2O_4$ obtained by novel fumarato-hydrazinate precursor method, *J. Therm. Anal. Calorim.*, 108:865-870.
- L. R. Gonsalves and V. M. S. Verenkar (2012), Synthesis and characterisation of nanosize nickel-doped cobalt ferrite obtained by precursor combustion method, *J. Therm. Anal. Calorim.*, 108:877-880.
- L. R. Gonsalves and V. M. S. Verenkar (2012) Synthesis and thermal studies of the cobalt zinc ferrous fumarato-hydrazinate: A precursor to obtain nanosize ferrites, *J. Therm. Anal. Calorim.* 108:871-875.
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Department of Botany:

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- Nandkumar Kamat (March 2012), Preface, pp. 4-5, Eternal (illustrated volume), *Eds.* Sunil and Sushma Naik, Panaji.
- K. P. Radhika, J. D'souza and B. F. Rodrigues (2012) Arbuscular Mycorrhizae in aquatic plants, India. *In: Mycorrhiza: Occurrence in natural and restored environments.* (Ed. Marcela Pagano) Nova Science, Inc, USA pp.265-274.
- K. P. Radhika, Mohan, V. and B. F. Rodrigues (2012) Growth and biomass studies in ectomycorrhizal fungus-*Pisolithus albus* (Cook & Masee) Priest *In: Microbial Diversity – Exploration and Bioprospecting*, *Eds.* S. Ram Reddy, M. A. Singara Charya and S. Girisham, Scientific Publishers, Jodhpur India pp. 456-462. ISBN: 978-81-7233.

Department of Microbiology:

- Naik Milind Mohan, Pandey Anju and S. K. Dubey (2011) Marine bacteria in metal bioremediation, *In: Microorganisms in Environmental Management Microbes and environment*, *Eds.* A. Prakash, T. Satyanarayana and B. N. Johri. pp. 665-682.
- T. De Souza and S. Bhosle (2011) Microbial denitrification and its ecological implications in the marine system, *In: Microorganisms in Environmental Management Microbes and environment*, *Eds.* A. Prakash, T. Satyanarayana and B. N. Johri, pp. 683-700.
- T. Gaonkar, P. K. Nayak, S. Garg and S. Bhosle (2012) (International), Siderophore-Producing Bacteria from Sand Dune Ecosystem and the Effect of Sodium Benzoate on Siderophore Production by a Potential Isolate, *The Scientific World Journal*, pp.1-8. Article ID 857249.

Department of Biotechnology:

- Kumar Sudhir, Tiwary Mukesh and Barros Urmila (2011) Marine Algae Hemagglutinins from the coast of Goa, pp. 185-189, *Advances in Aquatic Ecology*, Ed. V. B. Sakhare –Vol. 5 Daya Publishing House.

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

- Ishwar Singh (2011) Forests, the State and Adivasi, *Eds. A. S. Anand and A. V. Afonso, Human Rights in India: Theory and Practice*, Rights in Indian Institute of Advanced Study, Shimla.
- Ishwar Singh (2012) Ekkesween Sadee aur Samkaleen Hindi Kavita in Vrunda Kelkar, *Ed. Vrunda M. Kelkar, Goem Mukti Uprantichi Kavita: Ekvisavya Shekdyachya Sandarbhat*, St. Xavier's College of Arts, Science and Commerce, Mapusa.

E. Patents details:

(Patent author(s), Patent title, Patent no.)

Faculty of Life Sciences & Environment**Department of Biotechnology:**

- Chandralata Raghukumar, Samir Ravikant Damare and Usha Devi Muraleedharan (2011) A process for production of low temperature active alkaline protease from a deep- sea fungus, 246169 (Indian Patent granted in 2011).

F: Books Reviews:

(Name of Reviewer, Details of Book (Author/Title/Publisher, Journal, Volume & Page No., Month & Year of Publication)

Faculty of Languages & Literature**Department of English**

- K. S. Bhat (July-December 2009) Literature and Globalisation: A Reader, *SANDHAN*, IX (2):199-202.

Department of Hindi:

- Ishrat Bi. Khan (April-June 2011) Dona Paula and Teen Aurtein written by B. K. Sharma (Kahani Sangrah), *Bhartiya Sanskriti Ki pahchanwali Khaniyan*, pp 27-31, Gomanchal Patrika Published by Gomantak Rastra Bhasha Vidyapeeth, Margoa Goa.

Department of Konkani:

- Joao da Veiga Coutinho (June 2011) A Kind of Absence: Life in the Shadow of History, *Jaag*, 37:2.9.

Faculty of Social Sciences**Department of Economics:**

- Pranab Mukhopadhyay (September 2011) (National), Does Capital have a Conscience?, *Economic and Political Weekly* XLVI(37):32-33.

Department of History:

- Nagendra Rao (April 2012) The Limits of Orientalism: Seventeenth Century representations of India, Rahul Sapro (University of Delaware Press) *Seventeenth Century News*. 70(1 & 2) 41-43.

Faculty of Social Sciences

Department of Computer Science & Technology:

- Yma Pinto Reviewed a paper for *Computers and Education* (Journal IF 2.6).

Faculty of Life Sciences & Environment

Department of Botany:

- M. K. Janarthanam, Satish Pande, Niranjana Sant, Vivek Vishwasrao and Mandar Datar (June 2011) Wild Orchids of Northern Western Ghats (Including Maharashtra, Goa and Belgaum), Ela Foundation, Pune, Rheedea, 21: 86.

G: Books /Monographs Published:

(Author(s), Title of the Book/Monograph, Publisher, Month & Year of Publication).

Faculty of Languages & Literature

Department of Hindi:

- R. N. Mishra (2011) *Ekkisavi Sadi Ka Hindi Sahitya: Samay, Samaj evam Samvedana*, Lobharati Prakashan, Allahabad.

Department of Konkani:

- Prakash Parienkar (2011) *Mhadei: Kallzantlyan Kagdar....* An Ecoanthropological Study of Mhadei River Basin, Department of Art and Culture, Government of Goa.

Department of Marathi:

- S. M. Tadkodkar
 - Raghunath Vishnu Pandit, Sahitya Akademi, New Delhi.
 - B. B. Borkar Janma-Shata-Soowntsarik, Pratima Prakashan, Pune.
 - SAMAGRA (An Anthology-Marathi Poetry of late Narendra Bodkay) Shriwa Prakashan, Pune.

Faculty of Life Sciences & Environment

Department of Botany:

- Shilpa J. Bhonsle and S. Krishnan (January 2012) Rices of Goa and their Grain Quality, pp. 145, Goa University, Distribution by Broadway Book Centre, Panjim, Goa. (ISBN: 978-81-908791-2-5)(Rs. 699/-).
- Miguel Braganza, Ajit Shirodkar, D. J. Bhat and S. Krishnan (May 2012) Resource Book on Kokum, Published by Western Ghats Kokum Foundation, Panaji, Goa.

Faculty of Management

- Edgar D'Souza (2012) Food and Beverage, A Practical Guide, Rupa Publications India Pvt. Ltd.

Faculty of Commerce

- B. Ramesh and Suresh Shanbhogue, Socio Economic Impact of Public Finance in India, Prateeksha Publications, Jaipur, 2012.

H: Sponsored consultancy work undertaken.

(Name of Teacher, Name of Consultancy, Name of the Sponsor, Duration of Consultancy, Amount).

Faculty of Social Sciences

Department of Economics:

- Pranab Mukhopadhyay, Consultant Economist, ICIMOD, Kathmandu, One year, Rs. 0.6 lakhs.

Faculty of Natural Sciences

Department of Earth Science:

- A. G. Chachadi, Comprehensive hydrological study for systematic and sustainable open cast iron ore mining at mines located in Velguem Surla, Sigao and cudnem, M/s. V. M. Salgaocar and Brothers Pvt. Ltd., 1 year, Rs. 4.5 lakhs.

Faculty of Life Sciences & Environment

Department of Botany:

- Nandkumar M. Kamat, Preparation of the report of task force on Food processing for Government of Goa, Directorate of Industries, Trade And Commerce, Government of India, Task specific (about 8 months), Rs. 1.25 lakhs.

Department of Microbiology:

- S. Garg, Microbial count before and after fumigation in Bom Jesus Church, Old Goa, Pest Control of India Ltd., Goa, Rs. 30,798.

Department of Biotechnology:

- Savita Kerkar, Analysis of Water & TDS, Eureka Forbes Ltd., 1 month (March 2011), Rs.13, 750.

Faculty of Management

- N. Mekoth, M. S. Dayanand, Purva Hegde Desai and Nilesh Borde, Pre-Election Survey, Prudent Media Pvt. Ltd., 1 month, Rs. 45,000 a

PH. D. AWARDEES FOR THE YEAR 2011 -2012

Sr.	Name	Subject	Guide	Title
1	Vrunda M. Kelkar	Marathi	S. M. Tadkodkar	"Characterization of Woman in short story and novel in Goan Marathi Literature with special reference to five Litterateurs".
2	Sunita S. Umraskar	Marathi	S. M. Tadkodkar	"A Critical Study of Vonvalleacho Mallo written by Christan writer Padri Miguel De Almeida during the 17th Century".
3	Sandhya Nambiar	English	K. S. Bhat	"A Critical study of the novels and writings of J. M. Coetzee".
4	Nidhi Sharma	Hindi	B. K. Sharma	"Kamaleshwar Ka Katha Sahitya: Kathya Avem Shilp".
5	Savio da Piedade	Economics	S. M. Noronha	"Economic Implications of HIV/AIDS on Individuals and Households in Goa".
6	Jivan S. Parab	Electronics	G. M. Naik	"Development of Novel Embedded DSP architecture for Non-invasive Glucose analysis".
7	Murthy P.S. Ramu	Physics	P. R. Sarode	"Study of Structural, Transport and Magnetic Properties of some Perovskite Based Oxides".
8	Chanchal De	Physics	B. Chakraborty	"Characterization and classification of seafloor by Acoustic method using model-based and model Free techniques".
9	Suprit Kumar	Physics	Satish Shetye	"Hydrological modelling of the West Coast of India".
10	M. Kunhanandan	Mathematics	Santosh George	"Approximation Methods for non Linear ill posed hammerstein type operator equations".
11	Priyanka P. Bidaye	Chemistry	J. B. Fernandes	"Synthesis and Catalytic Applications of Titania based Nanomaterials and their composites".
12	Prakash T. Parvatkar	Chemistry	P. S. Parameswaran	"Synthetic studies towards Bioactive Natural Products and their Analogues".
13	Sifali S. Bhandodkar	Chemistry	K. S. Rane	"Scavenging Oxygen dissolved in water for minimizing corrosion in Metals".
14	Vikas J. Pissurlekar	Chemistry	J. S. Budkuley	"Mechano-Chemical Synthesis of Ultrafine particle Mn-Zn mixed metals ferrites".
15	Rohan K. Kunkalekar	Chemistry	A. V. Salkar	"Nanostructured based Catalysts for Detoxification of Carbon Monoxide Gas".

16	Satish J. Naik	Chemistry	A.V. Salker	"Catalytic and solid state studies of metal tungstates and molybdates".
17	Christabelle Elama Genevieve Fernandes	Marine Sc.	P. A. Loka Bharathi	"Bacterial Ecology of Coastal and near shore placer sediments".
18	V. M. Aboobacker	Marine Sc.	P. Vethamony	Wave transformation at select locations along the Indian coast through measurements, modelling and remote sensing".
19	Maria Ana Desa	Marine Sc.	M.V. Ramana	"Early Cretaceous Breakup history of India from the contiguous Antarctica Australia as inferred from marine magnetic data".
20	Sanjay Kumar Singh	Marine Sc.	N. Ramaiah	"Spatio temporal variations in molecular Phylogenetics of prokaryote communities in the central west coast of India".
21	Abdulsalam Abdullah Sultan Alkawri	Marine Sc.	N. Ramaiah	"Microphytoplankton Distribution and Diversity in the Intertidal Zones of Goa".
22	Mandar R. Nanajkar	Marine Sc.	Baban Ingole	"Ecology of the Free- living Marine Nematodes from the Central west Coast of India".
23	Priya M. D'Costa	Marine Sc.	A. C. Anil	"Studies on Phytoplankton – bacterial interactions".
24	Sahana Hegde	Marine Sc.	S. Raghu Kumar	"Studies on Phytoplankton Community with reference to Diatoms".
25	Anindita Das	Marine Sc.	P. A. Loka Bharathi	"Distribution, Diversity and Activity of Bacteria from the central Indian ocean Basin".
26	Syam Sankar	Marine Sc.	M. R. Ramesh	"Annual and interannual variability of air-sea interaction processes over Indian Ocean in relation to monsoon activity in the Indian sub-continent".
27	Ajay K. K.	Marine Sc.	A.K. Chaubey	"Seismic stratigraphy, sedimentation history and tectonics of the southwest continental margin of India".
28	Ashutosh Kumar Verma	Marine Sc.	C. Raghukumar	"Potential of marine derived fungi and their enzymes in bioremediation of industrial pollutants".
29	Ravidas K. Naik	Marine Sc.	A. C. Anil	"Studies on Phytoplankton with reference to Dinoflagellates
30	Ranjita R. Harji	Marine Sc.	N. B. Bhosale	"Lipids in marine environment".

31	Vinay p. Padate	Marine Sc.	C. U. Rivonker	"Biodiversity of demersal fish along the estuarine-shelf regions of Goa".
32	Sreejith K.M.	Marine Sc.	K. S. Krishna,	"Geophysical studies of aseismic ridges in Northern Indian Ocean - crustal structure and isostatic models".
33	Grinson George	Marine Sc.	P. Vethamony	"Fish Larval transport in the Coastal water through Ecological Modelling".
34	Baby Divya	Marine Sc.	S. Achutankutty	"Phylogenetic and functional diversity analysis of Bacteria in the Oxygen Minimum Zone Sediments".
35	Annie Feby	Marine Sc.	S. Achutankutty	"Sbacterial Diversity associated with sponges in Coral Reef Ecosystems - A Discourse on its Temporal and Geographic Variation".
36	Mahesh B. S.	Marine Sc.	V. K. Banakar	"Evolution of surface hydrography in the Eastern Arabian Sea during the late Quaternary: Perspectives gained from sedimentary record of past sea surface temperature and salinity".
37	Purnima Singh	Marine Sc.	Chandralata Raghukumar	"Physiological and Molecular studies of Deep-sea Fungi".
38	Chetan Gaonker	Marine Sc.	A. C. Anil	"Studies on settlement and recruitment of the barnacle-Balanus Amphitrite".
39	Nitin Sawant	Zoology	S. K. Shyama	"Ecology and Conservation of Pit Vipers along the Western Ghats (Goa)".
40	Deeparani Prabhu Kamalakant	Zoology	Ashwani Kumar	"Studies on Mode of action and bio-efficacy of fungi pathogenic to larvae of Anopheles Stephensi Liston, Culex quinquefasciatus say and Aedes aegypti (Linnaeus)".
41	Sarita Kumari Yadav	Botany	D. J. Bhat	"Studies on Diversity, Ecology and Activity of Coprophilous Fungi from Goa and Neighbouring Region of Maharashtra and Karnataka, India".
42	Maria Emilia da Costa Mascarenhas	Botany	M. K. Janarthanam	"Systematic Studies on the Endemic Species of the family Acanthaceae from the Northern and parts of Central Western Ghats".
43	Mangala P. Prabhudesai	Botany	K. G. Hiremath	"Studies on Aerobiological Status of panaji and surrounding Areas".
44	Anju Pandey	Microbiology	S. K. Dubey	"Screening, detection and characterization of bacterial fish pathogens in the Coastal region of Goa".
45	Vishwas B. Khodse	Microbiology	N. B. Bhosle	"Production and fate of carbohydrate in aquatic environments".

46	D. M. Deshpande	Commerce	Y.V. Reddy	"Public Funding of Higher Education in India: A Study with reference to the State of Goa".
47	Juao C. Costa	Commerce	K.B. Subhash	"The impact of advertisement on students: An Empirical study of students from Goa".
48	Thanoor Vidya Radhakrishnan	Commerce	Anjana Raju	"Do Mergers increase shareholder value? An empirical analysis of M & A in the Indian Context".
49	G. Shaber Ali	Law	M. Pinheiro	"Functioning of Consumer Dispute Redressal Agencies in the State of Goa – A Socio Legal Study with special reference to services".
50	Mandava Rama Krishna Prasad	Law	Carmo D'Souza	"Legal Education in India: Role of Clinical Legal Education in Developing, Institutionalizing and implementing a Social Justice Mission for Law Schools".
51	Nagesh Colvalkar	Law	Carmo D'Souza	"A Critical Study of Criminal justice system during colonial Era and Post Liberation of Goa".
52	Kotagiri Srinivasa Rao	Law	Carmo D'Souza	"The Emergence of the Concept of Legal Aid in India and its Application in Contemporary Goa – A Legal Study".
53	Saba V. M. S. Da Silva	Law	M. Pinheiro	"Legal control of Bio-Medical Waste Management: The Goan Experience".
54	Babugouda Patil	Law	Carmo D'Souza	"Human Right of Disabled: A critical socio-legal study in contemporary Goa".

LIST OF RANKERS (PG)

Course	Rank I	Rank II	Rank III
M. A. English	Bhat Akshata A.	Gomes Mary M.	Kamalkar Subhash Y.
M. A. Hindi	Parab Sneha C.	Gaonkar Swina S.	Raul Vishaya L.
M. A. Marathi	Sadekar Snehal B.	Gawas Sandeep R.	Sutar Sneha S.
M. A. Konkani	Rodrigues Roman	Noronha Elsa P.	Malik Anjani S.
M. A. Portuguese	Fernandes Maria Helena C.	Dourado Herculano T.	Noorus Saleheen
M. A. French	Zuazarte Grizel O.	Fernandes Zeline A.	Rajeshwari Bipin Jani
M.A. Psychology	Fernandes Stephanie	Pai Raiturkar Ucheeta S.	Paes Mewra I.
M.A. Eco.	Belay Haile S.	Dessai Shruti S.	Shinde Pallavi M.
M. A. Pol. Sc.	Pires Disiree	Gonsalves Joanifa C.	Fernandes Ashford V.
M. A. Sociology	Fernandes Suzanna S.	D'Souza Edna T.	D'Souza Amanda J.
M. A. Geog.	Shenvi Malkarnekar Dishanta V.	Dessai Mallica R.	Naik Teja Y.
M. A. History	Shetye Purna A. Sinai Gharse Manisha V.		
M. Sc. Elect.	Tavares Noel G.	Shetgaonkar Vinay V.	Dhawalikar Viraj M.
M. Sc. Geology	Bhandari Shruti	Sawant Dessai Kiran K.	Shaikh Samreen
M. Sc. Physics	Yadavade Rohini S.	Shetty Sushma S.	Reshma Krishnan Nair
M. Sc. Org. Chem	Naik Gaunekar Dakshata D.	Harmalkar Deepesh S.	Naik Siddhi D.
M. Sc. Inorg. Chem	Estineiro Brehme	Costa Seneca O.	Rodrigues Anna R.
M.Sc. Phy. Chem.	Narvekar Apurva A.	Borkar Anuja	Sawal Dessai Siddhesh C.
M.Sc. Pharm. Chem.	Kannaik Kamal B.	Kanolkar Siddhi B.	Shaikh Assama Bi
M. Sc. Mathematics	Lobo Jervin Zen	Shirodkar Pankaj P.	Govekar Sweta S.
M.Sc. Mar. Biot.	Nasreen Bagbul C.	Ankita Malik	Ratika Verma
M.Sc. Microb.	Sharma Jaya	Menezes Larissa D.	Travasso Valanie J.
M. Sc. Zoology	Furtado Swizzle R.	Gauns Anupa A.	Kanekar U.
M.Sc. Botany	D'Souza Rosy A.	Kevat Nisha V.	Prajapati Meenakadevi C.

M. Sc. Mar.Sc.	Avirup Sen	Pravin Kumar	Lotlikar Nikita
M.Sc. I.T.	Bale Siddhi S.	Pereira Shubert	D'Souza Manual A.
M.Com.	Kolamkar Prachi P.	Alleholkar Gatatri L.	Ingalhalli Varsha B.
M.C.A.	Menezes Warren V.	Prabhu Rahul K.	Shreyas Pandey
M.B.A. (F.S.)	Nally Rosa Rosario D'Silva	Priyanka Shiraly	Pacheco Manoel Savio R.
M.B.A.	Khawaja Mahammad A.	Kirti Tyagi	Pinto Pearl Chris
M.E.(I.T.)	Alfonso Fausta M.	Rebelo Sulana M.	Amrita Metri
M.E.(ETC) E C & Inst.	Fernandes Milind L.	Braganca Crasto M.	Nagzarkar Zindia
M.E.(ETC) Microelectronics	Joshi Shrinivas S.	Kelkar Vrushali V.	Shet Geeta S.
M.E.(IE)Ind. Eng.	Mahale Milindd A.	Tiwari Kamlesh	Naik Kiran H.
M.E.(F.E.)Foundation Eng.	Dias Nancy	Karpe Vandana M.	Sarang oonam Y.

PART 4:

GENERAL ADMINISTRATION

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. Construction of Women's hostel phase-I

The following works are in progress:

- i) Hostel for Academic Staff College.
- ii) Construction of 'D' type quarters. (Alternate accommodation)
- iii) Health Centre.
- iv) Construction of Auditorium.
- v) Women's hostel extension on second floor.

The following works being executed by GSIDC are in progress and expected to be completed soon:

- 1) Construction of Science faculty block
- 2) Bio-incubator

Painting, water proofing and maintenance works for various buildings have also been taken up. Parking areas with pavers and interconnecting tiled foot paths were provided.

Computerisation and IT Infrastructure

Further to the improvement of the 1GBPS Fiber optic backbone the computer centre took initiative in designing the full network setup of the new science building. The project, which is being implemented by the GSIDC, is in its final stage of completion.

The campus network was extended to the University Guest house, the Vice Chancellor's Bungalow, the Registrar's Bungalow and the Girls Hostel. The connectivity is set up using a 1 Gbps fiber optic link.

The Computer Centre has also drawn plans to bring the existing wireless setup to a Campus wide Wireless solution with enhanced security and coverage. The project will be completed in the next academic year.

A digital signage system was implemented by Computer Centre at 15 locations on the campus. This has become a very useful media to display the important news on the digital screen for immediate information. The entire system was maintained and monitored by Computer Centre.

The Computer Centre has implemented Google Apps for better email services and many other useful facilities. All the HODs and sectional heads were provided with video conferencing facilities on 'A-VIEW Meeting' software under NMEICT scheme. Moreover, 'A-VIEW Classroom' also was installed on various selected Computers for live video interaction with renowned Speakers giving talk through A-VIEW.

A suitable software was designed and developed in record time for newly introduced Credit based examination system for all the PG departments. This has helped the departments to declare their results smoothly in time. All the University examinations results were processed by the Computer Centre successfully.

Conduct of Examinations

The University conducted examinations in 135 Bachelor's Degree programmes, 133 Master Degree programmes and 30 Post Graduate Diplomas programmes during the year 2011-2012.

Library

The Goa University Library and Information Centre were established in the year 1985. Then it was a part of the Centre for Post Graduate Instruction and Research (CPIR) of University of Bombay. It had a modest collection of books. It has now developed into a large organisation with a huge collection of books and several other resources in digital nature to help the students and faculty of Goa University and affiliated Colleges.

Collection

At present the library has a collection of 141833 books and 9400 volumes of bound periodicals. The library subscribes to 417 periodicals out of which 141 are foreign journals. The library is getting large number of publications on gratis also. Goa University is a depository for UN publications and has a rich collection of donated books which is a cultural heritage.

Services

All the routine works of the library are automated using barcodes and open source software KOHA. The Online Public Access Catalogue (OPAC) of the Library is available online all over the world. Patrons of the library can search the catalogue; see their account, reserve books, and renew books online through the interface of the catalogue. The catalogue also provides access to books available through Google books. The catalogue of the library is available at <http://libcat.unigoa.ac.in>

Scanning, printing and photocopying facilities are provided in the library. The library has a cyber centre with a large number of computers connected to the net. The library building is also Wi-Fi enabled and students can use their laptops for internet access.

Inter library loan facility is provided through the DELNET Network. Regular orientation sessions were conducted for the students of Goa University.

E-journals

The Goa University is a first phase member of the UGC-INFONET programme provided by the INFLIBNET Centre, Ahmedabad. Through this facility we are getting access to a huge collection of digital databases of e-journals. We are also having access to the Sci-finder database.

Library website

The library website is a huge knowledge portal providing links to the plethora of academic websites over the Internet. It also provides links to the e-journals from INFONET and also to the other subscribed services. The library website is available under <http://library.unigoa.ac.in>

Students Sports Activities

INTER COLLEGIATE CHAMPIONSHIP RESULTS 2011-2012:

Event or Discipline	Men		Women	
	Winners	Runners-Up	Winners	Runners-Up
Badminton	S. S. Dempo	S. Caculo	R. I. E. I. T.	P. C. C. E
Table Tennis	P. C. C. E	Rosary	P. C. C. E	Chowgule
Judo	V.M.Salgaocar	Zantye	Rosary	Govt. C. K
Chess	G. E. C.	P. C. C. E.	-----	-----
Cross Country	Mallikarjun	Rosary	Mallikarjun	Rosary
Weight Lifting	D. M's	Rosary	-----	-----
Power Lifting	D. M's	Damodar	-----	-----
Best physique	Govt. C.	-----	-----	-----
	Quepem			
Football	Chowgule	Govt.C.Q	Carmel	St. Xavier's
Tennikoit	-----	-----	Mallikarjun	Rosary
Cycling	Rosary	Govt.C.Q	-----	-----
Basketball	S.S.Dempo	St. Xavier's	St. Xavier's	Rosary
Swimming	P. C. C. E.	D.M's	Fine Arts	D. M's
Kabaddi	Govt.C.P	G. V. M's	Govt. C. P.	GVM's
Tennis	Fr. Agnel	Rosary	-----	-----
Athletics	S. Caculo	Govt. C.	DM's	Rosary
		Quepem		
Handball	St. Xavier's	Rosary	Rosary	St. Xavier's
Kho-Kho	C. E. S	Damodar	Mallikarjun	G. V. M's
Volleyball	P. E. S	Fr. Agnel	Fr. Agnel	Rosary
Hockey	Chowgule	St. Xavier's	St. Xavier's	Rosary
Cricket	V. M.	D. M's	Mallikarjun	St. Xavier's
	Salgaocar			

PARTICIPATION AND PERFORMANCE AT INTER-UNIVERSITY CHAMPIONSHIPS 2011-2012:

Events	Zone	Venue	Performance
Kabaddi for Women	West Zone	Jalgaon	Lost in 2 nd round
Football for Men	West Zone	Bhopal	Lost in All India qualifying round
Football for Women	West Zone	Gwalior	Runners Up
Judo for Men	All-India	Pune	Qualified for 2 rd round (Individual)
Judo for Women	All-India	Pune	Qualified for 2 nd round (Individual)
Cricket for Men	West Zone	Bhopal	Lost in 1 st round
Hockey for Men	West Zone	Sagar,	Lost in 2 nd round
Athletics for Men	All India	Mangalore	Qualified for semifinal heats (Indv)
Athletics for Women	All India	Mangalore	Qualified for semifinal heats (Indv)
Hockey for Women	West Zone	Jodhpur	Lost in 3 rd round

Badminton for Men	West Zone	Udaipur	Lost in 4 th round
Badminton for Women	West Zone	Udaipur	Lost in 1 st round
Table Tennis for Men	West Zone	Nagpur	Lost in 3 rd round
Table Tennis for Women	West Zone	Nagpur	Lost in 3 rd round
Best Physique for Men	All India	Amritsar	Performance is Satisfactory
Weight Lifting for Men	All India	Amritsar	-----
Power Lifting for Men	All India	Amritsar	-----
Baseball for Women	All India	Cuttack	Lost in 2 nd round
Baseball for Women	All India	Cuttack	Lost in 2 nd round
Volleyball for Men	West Zone	Sagar	Lost in 3 rd round
Football for Women	All India	Annamalai	Pre-Quarter

Rosary College of Commerce and Arts, Navelim won the Goa University Best College in Sports Award 2011-12, Rosary's won for the third consecutive Year.

Jeovito Fernandes of St. Xavier's College, Mapusa was declared the Best Sportsman and Ayesha Alvares of Rosary College, Navelim was declared the Best Sportswoman of the year 2011-12.

The Awards were presented on 30th June, at the Foundation Day Celebrations of Goa University by the Vice Chancellor Prof. A. V. Afonso, in the presence of Prof. V. P. Kamat, Registrar and Dr. Rasik Ravindra, Director of National Centre for Antarctica and Ocean Research.

Directorate of Students' Welfare and Cultural Affairs

The Directorate of Students Welfare and Cultural Affairs promote and undertake activities relating to co-curricular and community development of students both on campus and colleges.

During the year 2011-12, the following activities were undertaken:

- 1) Election for the Executive Body of Goa University Students Council for the year 2011-12 was held on 3rd October, 2011.
- 2) Election for the Post Graduate Students Union of Goa University for the Year 2011-12 was held on 21st October, 2012.
- 3) Earn while you learn scheme: Eighteen post graduate students were engaged under this scheme for academic jobs on the campus and were paid remuneration for their contribution.
- 4) Plateaunica 2011-12 was organised from 22nd to 24th February, 2012 at the Silver Jubilee Hall, Goa University. The Annual festival brought together students from across all faculty departments and tested their talent and creativity in the fields of arts, culture and music. They participated in several on stage and off stage events.

Academic Coordination Section & Public Relations

Publication Unit in the Academic Co-ordination and Public Relations Section compiles information pertaining to the various academic programmes and projects at the University for Publication in the Annual Handbook, Annual Report, and other occasional publications.

Placement Cell

Goa University has established a Placement Cell which acts as an interface between the industry and the students. The objectives of the Cell are as below:

- To disseminate information on placement avenues in academia/industry/research institutions.
- To act as an interface between industry and the students and facilitate industry-institution linkages.
- To facilitate campus-based placement activity.

The Cell facilitates placement activity both on and off the campus and invites industrial/commercial establishments to avail the services of the Cell for campus placements.

U. G. C. Academic Staff College

The Academic Staff Orientation 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-ASC 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 improving the Management of Higher Education, and bringing about a closer linkage between society and higher education through meaningful study and research.

The UGC-ASC at Goa University has been conducting Orientation Courses since its establishment from February 1988. In addition to Orientation and Refresher Courses, the UGC-ASC has been regularly organising Seminars/Conferences 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. The participants of Refresher Courses are trained to use software packages pertaining to their relevant discipline.

Till date the UGC-ASC at Goa University has completed 84 Orientation Programmes and 170 Refresher Courses covering 2940 and 4974 participants respectively. During the year 2011-12 the UGC-ASC conducted 1 Orientation Programme, and 2 Refresher Courses in Library Science and Social Sciences.

Refresher Courses/Orientation Programmes conducted in 2011-12:

Courses Conducted	Male	Female	Total
84 th Orientation Programme 07-09-2011 to 04-10-2011	27	8	35
Refresher Course in Library Science 05-03-2012 to 27-03-2012	13	18	31
Refresher Course in Social Sciences 30-03-2012 to 21-04-2012	33	16	49

NAAC Peer Team visited UGC-ASC during 19th - 21st January, 2012 to review the performance of Academic Staff College.

Health Centre

The Health Centre at Goa University caters to the medical needs of the students, teachers, staff members and their families residing on the campus, as well as to patients from the adjoining villages.

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.

College Development Council

IJ PROPOSALS FORWARDED TO UGC:

(A) MINOR/MAJOR RESEARCH PROJECTS OF UGC SCHEME:

1. **Smt. Parvatibai Chowgule College of Arts & Science, Margao, Goa.**
 - **N. N. Sawant**, "Goa: Socio-Cultural Transformation and Impact on the Society".
 - **Sanjay D. Gaikwad**, "Natural Resources Potentials for Sustainable Development: A Study of Salcete and Marmugao, Goa".
2. **Govt. College of Arts, Science & Commerce, Quepem, Goa.**
 - **Reyna Sequeira**, "A Sociological Study of the Kumbhar Community of Goa".
3. **D. M.'s VNS Bandekar College of Arts, Science and Commerce, Assagao, Bardez, Goa.**
 - **Aparna Lolayekar**, "Economic Growth of Goa in the Post Reforms Period: A Sectoral Analysis".
4. **Rosary College of Commerce & Arts, Navelim, Goa.**
 - **Francis X. Lobo**, "The influence of regular Yogic Practice on Physiological Parameters in the middle age group".
5. **Fr. Agnel College of Arts and Commerce, Pilar Goa.**
 - **Anthony P. Rodrigues**, "A Study of the problems of Sick Micro, Small and Medium Scale Enterprises in Goa and suggested strategies for their Revival".
6. **P. E. S.'s Shri Ravi S. Naik College of Arts & Science, Farmagudi, Ponda, Goa.**
 - **Vikas J. Pissurlekar**, "Preparation, Characterisation and Magnetisation Studies of Some Soft Ultrafine Mixed Metal Ferrites".
7. **Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts and Commerce, Delem, Canacona, Goa.**
 - **F. M. Nadaf**, "Western Ghats of Goa: A Geographical Diagnosis".
8. **Murgaon Education Society's College of Arts and Commerce, Zuarinagar, Vasco, Goa.**
 - **V. V. Sail**, "Impact of Konkan Railway on Socio-Economic Development of the Konkan Region".
9. **P. E. S.'s Shri Ravi S. Naik College of Arts & Science, Farmagudi, Ponda, Goa.**
 - **Vidya V. Prabhudesai**, "An Impact of Konkani & Marathi on Malvani Dailect".
 - **Brenda Barreto**, "Synthesis and Characterisation of Ni and Ni alloy Nanoparticles".

10. Vidya Vikas Mandal's Shree Damodar College of Commerce & Economics, Margao, Goa.

- **Manasvi M. Kamat**, "An Application of Input-output (I-O) Model for Cost and Functional Efficiency Measurement of Banks in India, 1992-2012".
- **Manoj S. Kamat**, "Macro-economic Perspectives of Expanding Middle Class and Investments: A Study of Significance, Perceptions and Impact on Economic Performance".

(B) FACULTY IMPROVEMENT PROGRAMME:

- **Sulaxana R. Vernekar**, Goa Vidyaprasarak Mandal's, Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda, Goa.
- **Sameena S. F. Falleiro**, Smt. Parvatibai Chowgule College of Arts and Science, Margao, Goa.
- **Purnanand G. Chari**, Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts and Commerce, Delem, Canacona, Goa.
- **Reji George**, Fr. Agnel College of Arts and Commerce, Pilar, Goa.
- **Meenakshi Bawa**, Murgaon Education Society's College of Arts and Commerce, Zuarinagar, Vasco, Goa.
- **Umesh Babaji Gawas**, D. M.'s VNS Bandekar College of Arts, Science and Commerce, Assagao, Bardez, Goa.
- **Subrahmanya Bhat**, K. M., V. V. M.'s Shree Damodar College of Commerce and Economics, Margao, Goa.

(C) PROPOSAL FOR ORGANISING NATIONAL/INTERNATIONAL SEMINAR/ CONFERENCE:

- Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts and Commerce, Delem, Canacona, Goa, "Indian Economy a Journey since Independence and Future Prospects."
- Murgaon Education Society's College of Arts and Commerce, Zuarinagar, Goa, "Spiritualism and its influence on moral value systems across different age groups".
- St. Xavier's College of Arts, Science & Commerce, Mapusa, Bardez, Goa, "Bioinformatics & its Applications".
- Vidya Vikas Mandal's Shree Damodar College of Commerce & Economics, Comba, Margao, Goa, "Trade, Finance and Investment in the Indian Context".

(D) ADDITIONAL GRANTS:

- D. M.'s VNS Bandekar College of Arts, Science and Commerce, Assagao, Bardez, Goa.
- Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete, Goa.
- Cuncolim Educational Society's College of Arts and Commerce, Cuncolim, Salcete, Goa.
- Shree Damodar College of Commerce & Economics, Comba, Margao, Goa.
- S. S. Dempo College of Commerce & Economics, Altinho, Panaji, Goa.
- Dhempe College of Arts & Science, Miramar, Panaji, Goa.

- Fr. Agnel College of Arts and Commerce, Pilar, Goa.
- Government College of Arts, science & Commerce, Sanquelim, Goa.
- Government College of Arts & Commerce, Virnoda, Pernem, Goa.
- Government College of Arts, Science & Commerce, Quepem, Goa.
- Government College of Arts, science & Commerce, Khandola, Marcela, Goa.
- G. V. M.'s Gopal Govind Poy Raiturcar College of Commerce & Economics, Farmagudi, Ponda, Goa.
- G. V. M.'s Dr. Dada Vaidya College of Education, Farmagudi, Ponda, Goa.
- V. V. M.'s G.R. Kare College of Law, Comba, Margao, Goa.
- Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts & Commerce, Delem, Canacona, Goa.
- M. E. S. College of Arts and Commerce, Zuarinagar, Goa.
- Narayan Zantye College of Commerce, Bicholim, Goa.
- P. E. S.'s Shri Ravi S. Naik College of Arts & Science, Farmagudi, Ponda, Goa.
- Rosary College of Commerce & Arts, Navelim, Goa.
- V. M. Salgaocar College of Law, Miramar, Panaji, Goa.
- Saraswat Vidyalaya's Sridora Caculo College of Commerce & Management Studies, Telang Nagar, Mapusa, Goa.
- St. Xavier's College of Arts, Science & Commerce, Mapusa, Goa.
- Smt. Parvatibai Chowgule College of Arts and Science, Margao, Goa.

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 216 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 is a three year old hostel on the Goa university campus. This hostel 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

(a) General Education Colleges

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. Cuncolim Education Society's College of Arts and Commerce, Cuncolim
12. Government College of Arts, Science and Commerce, Sanquelim
13. Goa College of Home Science, Campal, Panaji
14. Government College of Arts, Science and Commerce, Khandola, Marcela
15. Government College of Arts, Science and Commerce, Quepem
16. Rosary College of Arts & Commerce, Navelim
17. Saraswat Vidyalaya Society's 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

(b) Professional Colleges

25. GSS's Don Bosco College, Panaji
26. Goa College of Pharmacy, Panaji
27. Goa Engineering College, Farmagudi, Goa
28. Nirmala Institute of Education, Altinho, Panaji
29. Goa College of Fine Art, Altinho, Panaji
30. Mahadeorao Salgaocar College of Law, Miramar, Panaji
31. Govind Ramnath Kare College of Law, Margao
32. Goa Dental College, Bambolim
33. College of Architecture, Altinho, Panaji
34. Goa College of Music, Altinho, Panaji
35. Institute of Nursing Education, Bambolim
36. Goa Vidyaprasarak Mandal's College of Education, Ponda
37. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda.
38. Goa Medical College, Bambolim
39. Shivgram Education Society's Homoeopathic College and Hospital, Shiroda
40. National Hydrographic School, Vasco-da-Gama
41. Padre Conceicao College of Engineering, Verna
42. Vidya Vikas Mandal's Institute of Management, Training and Research, Margao
43. INS Hamla, Marve, Malad (W), Mumbai
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

5. GENERAL EDUCATION COLLEGES

5.1 DCT's Dhempe College of Arts and Science, Miramar

Year of Establishment: 1962.

Principal's Name and Contact Address: Yasmin Modassir, DCT's Dhempe College of Arts and Science, Miramar, Panaji, Goa 403 001.

Website: dhempecollege.edu.in

Courses offered and Sanctioned Strength: B. A. - 80 per division, B. Sc.(Grant-in-aid) – 80 per division, B. Sc. (Biotechnology, Self Financing) - 30, Post Graduate Diploma in Journalism & Mass Communication (Self Financing) - 10.

Faculty positions: 69.

Teachers deputed for higher studies under FIP: 02(FIP)

Sports achievements:

- The College won the All India Football tournament organised by BITS Pilani at the Sports Festival "Spree 2012", 1st - 4th March 2012.

Conferences/Workshops organized:

- Workshop on "Revised IT syllabus", 22nd June 2011.
- Workshop on "Research Methodology", 4th - 9th July 2011.
- National Seminar on "Climate Change", 20th - 21st July 2011.
- Workshop on "Star UML", 16th August 2011.
- Workshop on "Astronomy", 27th August 2011.

	Foreign	Indian
Research Papers in Journals	07	03
In Edited Books	01	Nil

Conferences/Seminars/Workshops attended:

Abroad: 07

Within India: 44

Within Goa: 23

5.2 Smt. Parvatibai Chowgule Cultural Foundation's College of Arts and Science, Margao

Year of Establishment: 1962.

Principal's Name and Contact Address: R. V. Gaonkar, Smt. Parvatibai Chowgule Cultural Foundation's College of Arts & Science, Gogol, Margao, Goa.

Website: www.chowgules.ac.in

Courses offered and Sanctioned Strength: B. Sc. – 240, B. Sc. (Biotechnology) – 20, B. A. – 160, M. A. (Geography) – 20, M. Sc. (Information Technology) – 20, PGDCA – 30, PGDGIS – 20.

Faculty positions: 60.

Teachers deputed for higher studies under FIP: 01

- **M. P. Shivalli**, Librarian of the College, was awarded the prestigious Commonwealth Professional Fellowship Award by the Commonwealth Scholarship Commission, United Kingdom, for the year 2011. She is the first Librarian in the state of Goa to be chosen as recipient of this internationally coveted Award.

Sports achievements:

- **Stanley Stefan** of F.Y.B.A. represented India at an International Meet at Chennai organised by Japan Shotokan Karate Association and Goa State at two Nationals organised All India Karate Do Federation.
- **Sharmad Mahajan** of F.Y.B.A represented Goa State in Nationals and Goa University in Inter-University Tournament in Badminton.
- **Amit Desai** of T.Y.B.A. represented Goa State in Baseball in National and Goa University in Hockey and Baseball in Inter-University Competition.
- **Sukanya Chari** of F.Y.B.A represented Goa State at National-level Chess Competition.
- **Charlton Vaz** of T.Y.B.A. represented Goa University in Inter-University Football Tournament.
- **Cleston Fernandes** of F.Y.B.A represented Goa University in Inter-University Football Tournament.
- **Anet Mascarenhas** of S.Y.B.Sc. represented Goa University in Inter-University Football Tournament.
- **Aditya Ranjan** of S.Y.B.A represented Goa University in Inter-University Cricket tournament.
- **Mahesh Rao** of F.Y.B.Sc. represented Goa State in Nationals in Cricket Tournament.

Conferences/Workshops organised:

- Two-day UGC National Seminar on “Nanomaterials: Synthesis and Characterisation and Application”, 2nd and 3rd February 2012.
- State-level Conference on the “Goan Economy”, 24th March 2012.
- State-level Conference on “Goa: Land and its people – Reviewing Transformation in Post Liberation Era” sponsored by Directorate of Art and Culture, Government of Goa, Goa, 27th and 28th January 2012.
- Workshop on “Enhancing Techniques in Map Interpretation”, 29th September 2011.
- National Conference on “Emerging Technologies, Methodologies and their Applications in Geography”, 26th and 27th March 2012 sponsored by Chowgule Management and ESRI, India.
- Workshop on “Insights into the Liberation of Goa” as part of Golden Jubilee Celebrations of Liberation of Goa, December 2011.
- State-level Workshop on “Karyotyping of Human Chromosomes - Technique and Application”, 7th February 2012.
- UGC sponsored National Seminar on “Comparative Literature and Cultural Studies on Special Reference to Dr. Anand Patil’s Work”, 16th and 17th December 2011.
- Seminar on “Cloud Computing”, 25th August 2011.
- Seminar on "Android Application Development", 11th February 2011.
- Workshop on “Career Guidance and Effective Study Skills”, 24th September 2011.

Publications:

	Foreign	Indian
Research Papers in Journals	09	07
In Edited Books	Nil	02
Books	01	Nil

Conferences/Seminars/Workshops attended:

Abroad: 02 Within India: 15 Within Goa: 11

Number of teachers who obtained research degree during the year:

M. Phil.: Nil Ph.D.: 01

Other information**Faculty Achievements:**

- **Nandkumar N. Sawant**
 - Awarded the “Best Teacher Award 2010-2011” by Goa University on the occasion of 27th Foundation Day by His Excellency, S. S. Siddhu, Ex-Governor, Goa, 30th June 2011.
 - Awarded ‘Best Paper Presentation’ at International Seminar on “Tribal Development” at Pacific University, Udaipur, 1st and 2nd June 2012.
- **Nandini Vaz Fernandes**
 - Awarded ‘Best Poster’ for Research Presentation at National ISPAT workshop, Panjim, 5th to 7th August 2011.

Students Achievements:

- **Durgesh Prabhudesai** was awarded ‘Best Sportsman 2010-2011’ by Goa University.
- **Bhakti Patil** was given “Special Award in Sports” by Goa University.

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

Year of Establishment: 1963.

Principal’s name and contact address: Fr. Walter de Sá, St. Xavier’s College of Arts, Science & Commerce, Altinho, Mapusa, Bardez, Goa 403 507.

Website: www.xavierscollege-goa.com

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) – 60, M. Sc. (Physical Chemistry) (Self-Financed) – 40.

Faculty Strength: 82.

Teachers deputed for higher studies under FIP or on Fellowship abroad: 02

Sports achievements:

- Madhura Chari - All India National Karate Do Championship held at Mumbai, Maharashtra.
- Malvita Fernandes, Fatima Carvalho, Annicka D'souza, Aretha D'souza - West Zone Inter-University Football Championship held at Gwalior, M.P., and All India Inter-University Football Championship held at Chidambaram, Tamil Nadu.
- Edberg Sequeira, Atish Shetgaonkar, Mawrick Almeida, Jolan Fernandes, Alber Gonsalves - West Zone Inter-University Football Championship held at Bhopal, Madhya Pradesh.
- Manjita Matkar, Kalisa Bogati, Arlene Mendes, Lorenta Pinto, Karisma Parolekar - U-20 Junior Women's National held at Sonipath, Haryana, and West Zone Inter-University Hockey Championship held at Jodhpur, Rajasthan.
- Freya Mendes, Manjita Matkar, Cybil D'souza - West Zone Inter-University Hockey Championship held at Jodhpur, Rajasthan.
- Mabel D'souza - U-20 Junior Women's National held at Sonipath, Haryana.
- Pradnya Maulingkar - U-20 Junior Women's National held at Sonipath, Haryana; West Zone Inter-University Hockey Championship held at Jodhpur, Rajasthan, and BCCI U-19 Women's National held at Vijaywada, Andhra Pradesh.
- Elroy Pinto, Jolwyn Fernandes, Princelee Britto - All India Inter-University Hockey Championship held at Sagar, Madhya Pradesh.
- Wency Sequeira - Senior National Men's Hockey Championship held at Bhopal, Madhya Pradesh, and All India Inter-University Hockey Championship held at Sagar, Madhya Pradesh.

Conferences/Workshops organized:

- One day Regional Meet for the members of AIACHE (Western Region), 18th November 2011.
- One day Symposium for Schools, 26th August 2011.
- One day state level Seminar on 'the freedom of Choice and the Need to be Pro-Life: A focus on Abortion and Euthanasia', 27th August 2011.
- Case Analysis Workshop, 15th September 2011.
- NSS and Goa Sudharop Community Development INC, USA, One day state level seminar on the theme 'Goan Heritage', 21st September 2011.
- Seminar on Adolescence: A Journey from Conflict to Integration, 23rd and 24th September 2011.
- *Tourism Linking Culture* World Tourism Day in association with ASI and Incredible India, 27th September 2011.
- One day symposium for HSS, 10th October 2011.
- Case Writing Workshop, 15th October 2011.
- Post Liberation Advances in Technology 'Implementation of GPS and GSM Modems in Embedded Systems', 26th November 2011.
- One day state level Seminar for Colleges, 6th December 2011.
- One day Seminar on Climate change in Goa after Liberation, 13th December 2011.
- Documentary Making, 6th January 2012.
- Tips to start a Business – 10 biggest disasters, 17th January 2012.
- HRM and Production Process at MRF – Goa, 21st January 2012.
- Two day Seminar on Emerging Food Borne Pathogens, 9th and 10th February 2012.

- National Seminar on Goemuktiuparandi Kavia: Ekvisarya Shekdyachya Sandarbhat, 18th February 2012.
- Seminar on Religion: A Path to Social Harmony, 24th February 2012.
- Developing Sustainable Industry in Goa, 27th February 2012.
- Creating Positivity Within, 28th February 2012.
- Research and Development Cell in collaboration with Department of Psychology, Research Designs, Sampling Techniques and Statistical Implications in Social Sciences, 2nd March 2012.
- One day Seminar on Quality as a Way of Life, 6th March 2012.
- State level Seminar on Wealth Creation and Management through Equity, 9th March 2012.
- Human Resource Management from Effectiveness to Greatness, 20th March 2012.

Publications:

	Foreign	Indian
Research Papers in Journals	Nil	19
In Edited Books	Nil	20
Books	Nil	01

Conferences/Seminars/Workshop attended:

Abroad: Nil Within India: Nil Within Goa: 20

Number of teachers who obtained research degree during the year:

M. Phil.: Nil Ph. D.: 02

Other information:

- Organised Faculty Enrichment Programme and Summer Certificate Courses.
- Major Tushar S. Anvekar was awarded by the Director General of N. C. C., New Delhi, with a DG's Commendation Card, 2011, for his services in N. C. C.
- Maria Emilia Mascarenhas was awarded, FIAT (Fellow Indian Angiosperm Taxonomy) February 2011.
- Vanessa Zita Furtado, was awarded, Outstanding Zone Trainer - 2011 (JCI India, ZTWS).
- Recipient of Special Grant from U.G.C. under C.P.E. Scheme for International Year of Chemistry.
- Winners of Kaleidoscope for the fifth consecutive year, organised by Sophia College, Mumbai.

5.4 S. S. Dempo College of Commerce & Economics, Altinho, Panaji

Year of Establishment: 1966.

Principal's Name and Contact Address: Radhika S. Nayak, S. S. Dempo College of Commerce Economics, Near All India Radio, Altinho, Panaji Goa.

Website: www.dempocollege.edu.in

Courses offered and sanctioned strength: B. Com. - 840, M. Com. - 70 (self financed), B. B.A. - 60, B. B. A. (self-financed) - 105; PGDM-Event Management (self-financed) - 60.

Faculty strength: 20.

Teachers deputed for higher studies under FIP or on Fellowship abroad: 01.

Sports achievements:

- Manish Mangeshkar represented Goa State in the senior National Tennis Ball (women) tournament and secured third position.
- Pallavi S. Bhonsle represented Goa state in the National tug of war competition under 17 and secured Gold Medal.
- Mrunmayee Gramopadhye represented Goa State National tug of war competition and secured Gold Medal.
- Amey Bhandari represented Goa State at National level in Soft Ball and secured third position.

Publications:

	Foreign	Indian
Research Papers in Journals	Nil	05

Conferences/Seminars/Workshop attended:

Abroad: Nil	Within India: 09	Within Goa: 47
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Number of teachers who obtained research degree during the year:

M. Phil.: Nil	Ph.D.: 01
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5.5 Carmel College of Arts, Science and Commerce for Women, Nuvem

Year of Establishment: 1964.

Principal's Name and Contact Address: (Sr) M. Aradhana A. C., Carmel College of Arts Science & Commerce for Women, Nuvem, Salcete - Goa.

Website: www.carmelcollegegoa.org

Courses offered: B. A. - 424 , B. Sc. - 219, B. Com. - 212, M. A. (Counseling Psychology) - 50, M. Com. - 70 .

Faculty Strength: 72.

Achievements of the college:

- Lia Cardozo topped the T. Y. BA (History) examination conducted by Goa University in April, 2011.

Sports achievements:

- Lysha Fernandes of S. Y. B. Com. participated in the 1st West Zone Taekwondo Poomsae championship 2011 held at Daman on 16th to 18th September which was organised by the Taekwondo Association of Daman and Diu. She won a Gold medal in the junior individual Poomsae category and a silver medal in the junior group Poomsae category and was also awarded the 'Best Junior Player Trophy.
- Four students participated in the Inter-University West Zonal Football championship held at Gwalior, Madhya Pradesh and won the second place.

Conferences/Workshops organised:

- Two-days training Programme in Computer interfaced experiments using 'EXPEYES' for College and Higher secondary teachers in Goa on 26th to 27th August 2011.
- One-day National Seminar "Contemporary Goa: Issues and Prospects" was organised to commemorate 50th eventful years since Goa's Liberation, 19th September 2011.
- "Chemistry -Our Life our Future" was organised to celebrate the International Year of Chemistry, 30th November 2011.
- Organised a two days National workshop on Neuro Linguistic Programming (NLP), 16th & 17th January 2012.
- Organised a three days workshop on creative writing, 16th to 18th January 2011.
- Four days Translator Orientation Program, 17th to 21st February 2011.

Conferences/Seminars/Workshops attended:

Abroad: 01

Within India: 03

Within Goa: 35

Number of teachers who obtained research degree during the year:

M. Phil.: 01

Ph. D.: Nil

Other information:

Activities conducted:

- 'Litzkrieg' the annual program was put up to harness the literary talents of the students, 22nd July 2011.
- Business Fundas - a two day Commerce Festival which emphasises on developing business skills among students and aims at innovation and creativity in the teaching learning environment besides providing opportunity for fun with learning was launched, 25th August 2011.
- Organised a Konkani Musical Programme, 11th September 2011.
- Department of Psychology organised a Psychology festival " Psychomania", 16th September 2011

- A one-day programme on World Mental Health Day, 30th September 2011.
- ECON 11 – an inter-class festival, 16th and 17th December 2011.
- “Mashal Yatra” celebrating 50 golden years of Goa’s Liberation, 18th December 2011.
- Hosted a two days Inter-Collegiate festival ‘Indie Vibezz’, 24th and 25th January 2012.
- Organised a history festival 2012 in commemoration of the Golden Jubilee celebration of Goa’s Liberation, 13th February 2012.
- A street play written and directed by Gorak Sirsat and performed by students of Konkani department culminated into a forceful demonstration of mining related issues facing Goa bagged the First prize at the Konkani Yuva Mahotsava.

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

Year of Establishment: 1972.

Principal’s Name and Contact Address: M. C. Rodrigues, M. E. S. College of Arts & Commerce, Zuarinagar.

Website: www.mescollege.org

Courses offered and sanctioned strength: Arts - 329, Commerce - 714, BBA - 127, BCA - 120, B. Com. (Shipping Management) – 97.

Faculty strength: 31.

Achievements of the College:

- First place in all Goa Inter-Collegiate T-shirt painting competition organised by Narayan Zantye College of Commerce, 16th December 2011.
- First place in Body painting, Xchange and Group dance organised by Rotaract club of Curchorem, 10th December 2011.
- First place in Photography, Rangoli, Face Painting, Ad mad show & Group Singing at Inter Collegiate event on ‘Fair Play: Youth Against Corruption’ organised by GR Kare College of Law, 8th September 2011.

Sports achievements:

- **Sudesh Lujekar**
 - Felicitated by the Vasco Sports Club for his participation in various marathon races at the International level at Delhi and Pune.
- **P. A. Borgave**
 - Presented paper at the International Conference on: Physical Activities and Sports for Global Peace and Development” from 19th to 21st October 2011 organised by Delhi University.
 - Executive member of the National Association of Physical Education & Sports Science.
- **Mukthiyar Rehman** of T. Y. B. A. Class was the captain of Tennis ball cricket team that secured runners-up tournament organised by Don Bosco College and was awarded the “Best Batsman Award”.

Conferences/Workshops organised

- National level Seminar on ‘Caste and census: Colonial Practices and Post Independence debates’, 29th and 30th April 2011.

- State Level Seminar on “Celebrating the Golden Jubilee Year of Goa’s Liberation”, 27th August 2011.
- State Level Seminar on “Konkani Literature & Folk Dances of Goa”, 13th September 2011.
- State Level Seminar on “Recent Scenario of relationship problems faced by the youth: coping strategies”, 2nd December 2011.
- State Level Seminar on “Goemchem Diaz”, 13th of September 2011.
- State Level Seminar on “Empowering Indian Languages for IT age”, 1st December 2011.
- State Level Workshop “Sparsh Se Parivartan” or touch to transform, 16th of July 2011.

Conferences/Seminars/Workshop attended:

Abroad: Nil.

Within India: 08.

Within Goa: 21.

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

Year of Establishment: 1973.

Principal’s Name and Contact Address: I. Bhanu Murthy, G. R. Kare Road, Tansor, Comba, Margao.

Website: www.damodarcollege.org

Courses offered and sanctioned strength: B. Com. - 720, B. C. A. - 240, B. F. S. - 120, M. Com. - 60, Post Graduate Diploma in Business Journalism (P. G. D. B. J.) - 30.

Faculty strength: 57.

Teachers deputed for higher studies under FIP or on Fellowship abroad: 01.

Sports achievements:

- Sagar Palconda, F. Y. B. Com. won Gold medal in Third West Zone Taekwondo Championship held in Daman from 17th and 18th September 2011. He also won Gold medal at State Level Taekwondo Championship held at Fatorda in October, 2011 and has also participated at Senior National Taekwondo Championship held in February, 2012.
- Suraj Palconda, T. Y. B. Com. won Silver medal in Third West Zone Taekwondo Championship held in Daman from 17th and 18th September 2011. He also won Silver medal at State Level Taekwondo Championship held at Fatorda in October 2011.
- Abhishek Kallur, F. Y. B. C. A. won Bronze medal in Third West Zone Taekwondo Championship held in Daman from 17th and 18th September 2011. He also won Silver medal at State Level Taekwondo Championship held at Fatorda in October 2011 and has also participated at Senior National Taekwondo Championship held in February 2012.

- Lysette Rodrigues, T. Y. B. Com. represented Goa State Volleyball team at National Women Festival Tournament held at Tumkur (Karnataka) from 8th to 11th December 2011.
- Fadte Srinivas, F. Y. B. Com. represented Goa State at the All India Cricket Tournament in October 2011.

Conferences/Workshops organised:

- Workshop on “Business Accounting” – BCA, 7th July 2011.
- Leadership Workshop, 3rd August 2011.
- State Level IT Extravaganza “Spectra 1.0”, 25th to 26th November 2011.
- One day Workshop on “Advanced JAVA & UML”, 14th January 2012.
- One day State Level Seminar on “Retrospective and Prospective Goa”, 24th March 2012.
- Annual State Level Convention on “New Vistas in Commerce Education”, 30th March 2012.

Publications:

	Foreign	Indian
Research Papers in Journals	02	02

Conferences/Seminars/Workshop attended:

Abroad: Nil	Within India: 30	Within Goa: 59
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5.8 D M’s Anand R. Sirsat College of Arts Sou. Sheela Premanand Vaidya College of Science and V. N. S. Bandekar College of Commerce, Assagao

Year of Establishment: 1974.

Principal’s Name and contact address: D. B. Arolkar, Dnyanprassarak Mandal’s College of Arts, Sou. Sheela Premanand Vaidya College of Science & V. N. S. Bandekar College of Commerce, Mapusa.

Website: www.dmscollege.ac.in.

Courses offered and sanctioned strength: B. A. – 240, B. Sc. (Computer Sc.) – 240, B.Sc. (Electronics) - 60, B.Sc. (Chemistry) – 120, B.Com. – 1,120, B. B. A. – 80, B. C. A.–120, M. Com.–70, M. Sc. – 40.

Faculty strength: 41.

Achievements of the College:

- Three students scored above 90% and topped at the all India Level National Stock Exchange of India certified Capital Market Professional Course.
- Minaxi Karapurkar received the Award of Best Sportsperson of Goa University for the year 2010-11.

- NCC Naval Wing represented Goa at Republic Day for the sixth consecutive year. Cadet Shriran Halarnkar of Navy and Cadet Kashinath Kambli of Army represented Goa at Republic Day Parade, 2012.
- The NCC Naval unit has been awarded “Best Institution Trophy” for the fourth consecutive year.
- NCC Navy Officer Udaysing Rane was promoted from Rank Sub Lieutenant to Lieutenant.
- T. Y. B. Sc. Project in Chemistry received the ‘Best Research Award’ 2012 in the field of Chemistry from the Department of Chemistry, Goa University.
- Granted Research Centre by the Goa University for pursuing Ph. D. in Commerce, from the academic year 2012-13.

Teachers deputed for higher studies under FIP or on Fellowship abroad: 02.

Sports Achievements:

- Kajal Suresh Salgaonkar secured First Position at National Karate championship from 19th to 30th June 2011 at Mallital, Nainital and Uttarakhand.
- Divya Salgaonkar and Ankita Mardolkar participated in the Fifth Beach Kabaddi Nationals at Andhra Pradesh and also at the West Zone Inter-University Kabaddi championship held at Jalgaon.
- Sayali Prabhu Verlekar participated at the West Zone Inter-University Kabaddi Championship held at Jalgaon.
- Savlo Dabale participated at the West Zone Inter-University Hockey Championship 2011-12 held at Sagar (MP).
- Minaxi Karapurkar and Darshana Gauns participated at the All India Inter-University Competition held at Mangalore.
- Sonali Shetyekar and Minaxi Karapurkar participated at the Senior Athletics Nationals at Calcutta.
- Kaustubh Natekar participated at the 65th Senior National Aquatic championship 2011 held at Ranchi, Jharkhand, from 16th to 20th November 2011. He also won various medals at State Level swimming championship and won the Best Swimmer award.
- Pratiksha Mandrekar participated at the West Zone Inter-University Hockey Championship 2011-12 held at JNV University at Jodhpur (Rajasthan) from 26th to 31st December 2011.
- Krishnaraj Gaus and Alisha Volvoikar participated at the West Zone Inter-University Badminton (Men & Women) Championship 2011-12 held at Udaipur from 10th to 13th January 2012.
- Sarvesh Kerkar participated at the Second Senior National Langadi championship held at Examba, Chikhodi, Karnataka from 7th to 9th January 2012.
- Shubham Banaulikar and Utkarsh Pokle participated at the West Zone Inter-University Cricket championship 2011-12 held at Bhopal from 22nd to 30th November.
- Raj Shekar Naik participated in Inter-University Volleyball championship 2011-12 held at Sagar from 16th to 20th February 2012.

- Aniket Kerkar participated at the All India Inter-University Powerlifting championship 2011-12 held at Amritsar from 29th to 31st January 2012 and was placed in the top 10.

Conferences/Workshops organised:

- National Conference of Research Supervisors on “Enhancement of Quality of Social Science Research”, 3rd and 4th October 2011.
- Regional Workshop on “Academic Writings in Social Sciences”, ICSSR, Mumbai, 16th January 2012.
- State Level Workshop on ‘Goan Writing in Translation’, 18th February 2012.
- Regional Conference on ‘Strengthening Industry – Academia Interface towards Skill Development’, ICSSR Mumbai, 24th February 2012.
- State Level Seminar on ‘Emerging Trends in Designing and Networking’, 25th February 2012.
- Seminar on ‘Virtualisation and Cloud Computing’, 31st January 2012.

Publications:

	Foreign	Indian
Research Papers in Journals	01	15

Conferences/Seminars/Workshop attended:

Abroad: Nil	Within India: 05	Within Goa: 30
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5.9 Goa Vidyaprasarak Mandal’s College of Commerce and Economics, Ponda

Year of Establishment: 1986.

Principal’s Name and Contact Address: Pravin M. Bhende, G.V. M.’S G.G. Poy Raiturcar College of Commerce, Farmagudi, Ponda, Goa.

Website: www.gvmcommercecollege.org

Courses offered and sanctioned strength: B. Com.-703, B. C. A - 135, M. Com. – 56.

Faculty strength: 37.

Achievements of the College:

- Secured prizes for various events in the Inter-Collegiate Youth Festival organised by Zantye College, Bicholim, on 16th December 2011. Kanya Pavse, 1st prize in Monologue; Prembahadur Gurkha, 2nd prize in Solo Dance; Guruprasad Naik, 2nd prize in Monologue; Sonam and Group, 3rd prize in Group Dance; Nivrutti and Group secured First prize, cash prize of 5000/- in Dhol, Tashe spardha organised by Goa Yuva Manch on 18th to 19th December 2011 and Pooja Salaskar secured 2nd prize in Mehendi competition.

Sports Achievements:

- Nikita Banaulikar of S. Y. B. Com. represented the state at the Senior National Tennis Ball Cricket held at Dausa (Rajasthan).
- Kedhar U. Naik of S. Y. B. Com. represented the University in Cricket held at Bhopal.
- Men and Women Kabaddi team won the Runners-up trophy at the Inter-Collegiate Kabaddi tournament of Goa University.
- Rahul Kurdekar of S. Y. B. Com. won Gold Medal at the Inter-collegiate Best Physique competition.
- Pragati Kurtikar of S. Y. B. Com. won Silver Medal at the Inter-collegiate Judo competition.
- Shaunak Verenkar of T. Y. B. Com. represented state at the West Zone Athletic championship held at Pune. He also represented state at the Inter-Zonal Athletic championship at Bhopal. Represented University Athletic Team at Mangalore.
- Shaunak Verenkar of T. Y. B. Com. Won the Gold Medal in 200 metres dash and Silver Medal in 100 metres dash at the Inter-Collegiate Athletic meet.
- Prashant Fadte of S. Y. B. Com. represented the state at the Senior Tennis Ball cricket championship held at Jaipur and won the Bronze Medal. He also represented the state for S.A.G. Gold cup Inter-Zonal Tennis Ball cricket held at Margao-Goa.
- Priyanka Mali of F. Y. B. Com. won Gold Medal in Javelin Throw at the Inter-Collegiate Athletic Meet.

Conferences/Workshops organized:

- Two day State Level Seminar on “Human Rights in Action: Issues and Challenges” sponsored by UGC on 4th and 5th October 2011.

Conferences/Seminars/Workshop attended:

Abroad: - Within India: 04 Within Goa: 10

Number of teachers who obtained research degree during the year:

M. Phil.: 02 Ph.D.: Nil

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

Year of Establishment: 1986.

Principals Name and Contact Address: A. S. Dinge, P. E. S's SRSN College of Arts & Science, Farmagudi, Ponda-Goa.

Website: <http://www.pescollege.org>.

Courses offered and Sanctioned Strength: B. A. – 120, B. Sc. – 120.

Faculty strength: 48.

Achievements of the College:

- Sumit Naik won a Gold Medal in Power Lifting, Best Physique, won the title “Iron Man” and “Shree” by Goa University 2011-12, won Gold Medal in Judo organised by Goa University. He also won a Gold Medal in Power Lifting and Best Physique and won Iron Man of Damodar College of Commerce and Economics.
- Vinayak Desai won Bronze Medal in Judo organised by Goa University.
- Samir Noronha won Bronze in Swimming organised by Goa University.
- Aaron Pereira won Gold, Basobi Shaikh won Silver and Alvita Pereira won Bronze Medal in Inter-Collegiate Athletic Championship organised by Goa University.
- The N. S. S. Unit of the college carried out various activities like Orientation for the students and in collaboration with Directorate of Health Services, Government of Goa organised anti filarial and Diabetes awareness in Ponda Taluka. The unit also organised a camp under the guidance of Programme Officer P. Bhattacharya from 1st to 7th November at Khandepar.
- The College Nature Club under the Convenorship of Deepa Fernandes conducted various activities like environmental awareness and photography competition.

Publications:

	Foreign	Indian
Research Papers in Journals	Nil	03

Conferences/Seminars/Workshop attended:

Abroad: Nil	Within India: 03	Within Goa: 06
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Number of teachers who obtained research degree during the year:

M. Phil.: Nil	Ph. D.: 01
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Other information:

- **S. H. Bhosale**
 - Received the prestigious “Bharat Shiksha Ratan” for his contribution in the field of Environmental Science, Education, Health and Social Work by the Global Society for Health and Educational Growth at a National Level Conference held at New Delhi on 29th August 2011. He received the award at the hands of Dr. Bhishm Narain Singh, Former Union Minister, Government of Tamil Nadu and Assam.

5.11 Cuncolim Educational Society’s College of Arts and Commerce, Cuncolim**Year of Establishment:** 1987.**Principal’s Name and Contact Address:** Laximan G. Naik, C. E. S. College of Arts and Commerce, “Shri Pio F. Lawrence Complex” Cuncolim, Salcete, Goa.**Website:** www.cescac.edu.in

Course offered and sanctioned strength: B. A. – 175, B.Com. – 290.

Faculty strength: 21.

New course started: Personality Development School (Certificate Course).

Teachers deputed for higher studies under FIP: 01.

Sports achievements:

- Patil Pragati Prabhakar of F. Y. B. A. represented India at the International Ball Badminton Championship held in Sri Lanka in November 2011 and India won the Championship.
- Priyanka Naik, Sneha Naik, Pratibha Patil, Puja Gaonkar and Nisha Velip participated in the 33rd Senior West Zone National Championship in Ball Badminton Game held at Ajmer in Rajasthan.
- College Kho-Kho team were champions at the Inter-Collegiate Kho-Kho (Men) Tournament 2011-2012 organised by Goa University.

Conferences/Workshops organised:

- Organised one day Inter Collegiate Seminar on Goan Heritage, 14th September 2011.
- One day Seminar as part of Silver Jubilee Celebrations of the College in association with Goa Sudharop Community development, INC, USA.

5.12 Government College of Arts, Science and Commerce, Sanquelim

Year of Establishment: 1988.

Principal's Name and Contact Address: Lucy James (Offg. Principal), Govt College of Arts, Science and Commerce, Sanquelim.

Website: www.gcascnql.ac.in

Courses offered and sanctioned strength: B. A. - 264, B. Sc. -115, B. Com. - 264.

Faculty strength: 38.

Achivements of the College:

- Aditya Mandrekar, T. Y. B. Sc. stood first at Goa University examination in April/May 2011.
- Anagha Patil, T. Y. B. Sc., secured third place in State level Essay writing competition entitled "Active Youth Participation in Free and Fair Election Process" conducted by Election Commission of Goa at GVM's college of Commerce and Economics, 18th January 2012.
- Anagha Patil secured first place in Essay competition organised by Dr P. S. Ramani Medical Foundation, 8th September 2011. She also secured third place in Essay competition organised by State Council of Education Research and Training, Porvorim, 10th February 2012.

- Two students Anagha Patil and Vikita participated in the National Level Essay and Quiz Competition held by KIT University Bhubaneshwar, Odisha on the eve of 99th Indian Science Congress-2012, 31st November 2011. Their essays were selected for the final round.
- The College team secured first prize and one prize in the audience round at All Goa Inter-Collegiate Quiz Competition-2012 conducted by Youth Hostels Association of India, 23rd January 2012.
- Anuja Sawant won consolation prize in Poetry Recitation Competition organised by KTC College, Nashik, at the State and National level, 19th and 20th January 2012.
- Gautami Chorlekar won first place in Poetry Recitation Competition organised by Kukali Education Society, 18th January 2012.
- Gautami Chorlekar won first place and Amita Sawant won second place in Marathi Sahitya Parishad '8th Shekoti Sammelan'.
- Raj Chari secured third place for Inter-Collegiate Poster Competition organised by Department of Chemistry, Goa University, 17th March 2012.

Sports achievements:

- Vaibhav Gaonkar and Ritesh Zarmekar represented Goa University at West-Zone Inter-University Volleyball championship, 2011-2012 held at Sagar (MP), 16th February, 2012.

Publications:

	Foreign	Indian
Research Papers in Journals	Nil	03

Conferences/Seminars/Workshop attended:

Abroad: -	Within India: 05	Within Goa: 13
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5.13 Goa College of Home Science, Campal, Panaji

Year of Establishment: 1988.

Principal's Name and Contact Address: Rajal K. Shinkre, Goa College of Home Science, Campal, Panaji, Goa.

Website: www.goahomescience.gov.in

Courses offered and sanctioned strength: Food, Nutrition & Diatetics; Textile & Clothing; and Human Development.

Faculty strength: 4.

Achievements of the College:

- The Students Council organised Aarambh, An Exclusive Exhibition -15th to 17th December 2011. The exhibition featured **a.** World Breastfeeding Week celebrated from 1st to 7th August 2011. **b.** The National Nutrition Week celebrated from 1st – 7th September. **c.** Organised Lecture Session titled "Par 4 – a ray of hope for Cancer

Suppression” by Vivek Rangnekar, Professor, University of Kentucky, US, 14th November 2011.

- The NSS unit celebrated Vanamahostav, 7th July 2011.
- The NSS unit coordinated a half day Workshop on “Gender Sensitisation”, 1st October 2011.
- Worlds Aids Day was celebrated - 1st December 2011.
- The NSS unit organized Special Camp at Fr. Agnel College, Pilar, wherein activities such as Nutrition and Health Education Programmes were organised.
- Organised 10 days short term courses in association with Carmel College, Nuvem.
- Held Programme for Japanese students of Study India Programme (SIP) of Goa University, 7th to 11th February 2011.

Conferences/Workshops organised:

- Colours and Fashion, 13th June 2011.
- Enhancing the Quality of Preschool Education in Goa, 19th January 2012.
- Godhadi, 31st January 2012.
- Work Culture and Ethics, 2nd February 2012.
- Empowerment of Women - Role of KVIC, 15th March 2012.

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 03

Within Goa: 04

5.14 Government College of Arts, Science & Commerce, Khandola

Year of Establishment: June 1989.

Principal's Name and Contact Address: M. M. Sangodkar, Principal, Govt. College of Arts, Science & Commerce, Khandola, Marcela, Goa.

URL of website: www.khandolacollege.org

Courses offered and sanctioned strength: B. A. - 60, B.Sc. – 60, B. Com. - 120.

Faculty strength: 28.

Teachers deputed for higher studies under FIP: 01.

Sports achievements:

- Silver Medal in the Women's Veterans Singles and Doubles at the All India Badminton Tounament.

Conferences/ Seminars/Workshops organised:

- State Level Workshops on “Work Vision: Developing Employability Skills, 6th August 2011.

Publications:

	Foreign	Indian
Research Papers in Journals	02	05
In Edited Books	-	02

Conferences/Seminars/Workshop attended:

Abroad: 01 Within India: 14 Within Goa: 17

Other information:

- **Christina D'Souza**
- Awarded Research project by ICSSR, Delhi for a period of two years 2011-13 on the topic "Awareness level at Gram Sabhas in Goa: Analysis and perspective".
- **Anandan Mastan**
- Organised third batch of 4 months Certificate Course in Library and Information Science, 18th April 2011 to 18th August 2011.
- **Prabir Kumar Rath**
- Nominated as external member of BOS in Geography of Jiwaji University, Gwalior.

5.15 Government College of Arts, Science and Commerce, Quepem

Year of Establishment: 1989.

Principal's Name and contact address: B. G. Nayak, Government College of Arts, Science and Commerce, Quepem.

Website: <http://gcq.ac.in>.

Courses Offered and Sanctioned Strength: B. A., B. Com., B. Sc., Comp. Sc.

Faculty strength: 40.

Any new course(s) started: M. Com. from June, 2012.

Teachers deputed for higher studies under FIP: 01.

Sports achievements:

- Micky Vaz, Jade Colaco, Aslam Shah, Alvito Miranda and Benny Oliveria represented for Goa University at the West Zone Inter-University Football Tournament held at Bhopal (M.P.), 5th to 10th October 2011.
- Aslam Shah, Benny Rebello and Prashant Gaonkar represented for Goa University at the all India Inter-University Athletics Championship held at Mangalore, 17th to 21st December 2011.
- Swapnil Godse, Benny Rebello and Prashant Gaonkar represented for Goa University at the all India Inter-University Judo Championship held at Pune (M.S.), 5th to 18th November 2011.

- Prashant Gaonkar represented for Goa University at the all India Inter University Body Building Championship held at Amritsar (Punjab), 29th to 31st January 2012.
- Ajay Gaonkar represented Goa University for the West Zone Inter-University Hockey Tournament held at Sagar (M. P.), 3rd to 9th December 2011.
- Organised Physical Fitness programme.
- Winners in Body Building (Men), Runner up in Athletics (Men), Cycling Championship and Football (Men), third place in Athletics (Women) at the Goa University Championships.
- Runners up at Inter-Collegiate Cross Country Championship (Women) and third place in Cross Country Championship (Men) organised by Pillar College.
- Prashant Gaonkar won gold medal for Cross Country and Body Building Championship organised by Pillar College. He also bagged silver medal in 5000mts race and 4X400mts Relay Race at the Goa University Athletics championship. He was awarded gold medal in 10,000mts race and silver medal 1500mts race at the Goa State Athletic Championship.
- Aslam Shah won gold medal in triple jump, 110mts Hurdles and silver Medal in 4×400mts Relay race at the Goa University Athletics Championship. He also won gold medal in 110mts Hurdles, Silver medal in 100mts race at the Goa State Athletics Championship.
- Pratit Prabhudessai bagged Bronze medal in 66kg weight category at the Goa University Judo Championship.
- Swapnil Godse bagged Gold medal in 81kg weight category at the Goa University Judo Championship.
- Benny Rebello won individual silver medal at Inter-Collegiate Cross Country Championship. He also bagged silver medal in 400mts Hurdles and Silver medal in the 4×400mts relay at the Goa University Athletics Championship.
- Kapil Dabolkar won the Silver medal in 20km walk at the Goa University Athletic Meet.
- Vithal Naik won Silver medal in 60Kg weight category at the Goa University Body Building Championship. He also bagged Bronze medal in 60Kg weight Category at the Inter-Collegiate Power Lifting Championship organized by Damodar College Margao.
- Epiphany Fernandes won Silver medal in Pole Vault at the Goa University Athletic championship.
- Joston Cardozo won Silver medal in 4×400mts Relay race at the Goa University Athletic Championship.
- Sujit Sharma won Bronze medal in 20km walks at the Goa University Athletic Championship.
- Merlyn Dias was declared “Iron Women” at Goa University and bagged gold medal in Heptathlon at the Goa University Athletic Meet. She also bagged a Bronze medal in 4 ×100mts Relay race at the Goa University Athletics Championship.
- Priyanka Joshilkar won Silver medal in 400mts hurdle at Goa University Athletics Championship.
- Urmila Gaonkar won Bronze medal in 400mt Hurdles and 4×100mts and 400mts Relay race at Goa University Athletics Championship.
- Arina Fernandes won Bronze medal in 400mts & 4×400mts relay race at the Goa University Athletics Championship.

- Nilima Gaonkar won bronze medal in triple jump at the Goa University Athletics Championship.
- Chaitali Gaonkar won Bronze medal in Heptathlon & 4×100mts relay race at the Goa University Athletics championship.
- Sera Diniz won Bronze medal in 4×400mts relay race at the Goa University Athletics Meet. He also bagged Bronze Medal in 10,000mts race at the Goa State Athletics Championship.
- Dipti Naik won Silver medal in open category at the Goa University Judo Championship.
- Jeslona Soares won Bronze medal in 57kg weight category at Goa University Judo Championship.
- Sarita Fernandes won Gold medal in 800mt Race also Bronze medal in 4×400mts and 4×400mts relay race at Goa University Athletics Championship.
- In all bagged five gold, five silver and seven bronze medals at the Goa University Athletics Meet.

Conferences/Workshops organised:

- Innovative Scientific Experiments, 14th to 15th January 2012.
- Application of Management Techniques in Teaching and Learning at UG Level, 21st January 2012.
- Adolescence Crises, 30th and 31st January 2012.
- Bio-Dynamic farming-Career Options in Life Science, 4th February 2012.

Publications:

	Foreign	Indian
Research papers in Journal	02	01
In Edited Books	Nil	02

Conferences/Seminars/Workshop attended:

Abroad: Nil Within India: 05 Within Goa: 18

Number of teachers who obtained research degree during the year:

M. Phil.: Nil Ph.D.: 02

Other information

- **Ashok Mangutkar**
- Awarded “Best Teacher Award” by Shikshak Vikas Parishad, Goa, November 2011.
- **Reyna Sequeira**
- Worked on a Project on “Panchayati Raj in Goa” funded by Soppecom, Pune.

5.16 Rosary College of Commerce & Arts, Navelim, Salcete

Year of Establishment: 1990.

Principal's Name and Contact Address: Rev. Dr. Simão R. Diniz, Rosary College of Commerce and Arts, Navelim.

Website: www.rosarycollege.org

Courses offered and sanctioned strength: B.Com. – 765, B. A. – 367, B.C.A. – 183, B.B.A. – 10, M. Com. – 59.

Faculty strength: 28.

Achievements of the College:

- College has been re-accredited by the National Assessment and Accreditation Council (NAAC) Bangalore, in August 2012 with an “A Grade” and a Cumulative Grade Point Average Score of 3.21 on a 4 point scale.
- College was awarded the “Best College in Sports Award” for the third consecutive year by Goa University during the Academic Year 2011-12.
- Published the VIIth issue of its inter-disciplinary Journal, *GYANA*.

New Courses started: BBA (Travel & Tourism).

Sports achievements:

- Runners-up (Men) at the Second All Goa Inter-Collegiate Handball Tournament (Men) held on 10th March 2012 and were the Runners-up at the event.
- Agnelo Fernandes, bonafide student of our Institution represented Goa University in the Inter-University Football Tournament (Men) 2011-12 held at Jabalpur and won the Runners-up position.

Conference/Workshop organised:

- Organised One International Conference, Six Workshops, One Management Event, One Inter-Collegiate Info-Fest (Event) and Five Seminars.

Publications:

	Foreign	Indian
Research Papers in Journals	01	Nil
Books	Nil	01

Conferences/Seminars/Workshop attended:

Abroad: Nil Within India: 06 Within Goa: 52

Number of teachers who obtained research degree during the year:

M. Phil.: Nil Ph.D.: 02

Other information:

- Chloe Cardoz, Team Event '*Lenz Zoom*' at Merchants' 11, 16th to 17th September 2011, 1st Place, Fr. Agnel College, Pilar.
- Aurora Baretto, Kezaia Caldeira and Feroz Sayyed, Team Event '*Venture Adventure*' at Merchants '11, 16th to 17th September 2011, first place, Fr. Agnel College, Pilar.
- Kaushal Phadte, State Level '*Ecofest*', 29th November 2011, Best Interjector Award, M. E. S. College, Zuarinagar.
- Kaushal Phadte, K. S. Nairi Memorial Debate at the State Level '*Ecofest*', 29th November 2011, Best Interjector Award, M. E. S. College, Zuarinagar.
- Truven Jorge, for the sub event '*Best Manager*' at the Inter-collegiate event '*Meteora*', 1st and 2nd December 2011, Don Bosco, Panaji.
- Stedran Fernandes, for the sub event '*Best DJ*' at the Inter-collegiate event '*Meteora*', 1st to 2nd December 2011, Don Bosco, Panaji.
- Joseph Rodrigues, Reeva Rodrigues, Zelvia Fernandes, Neeraj Naik, Alisha Rust, Annapurna Velguenkar, Wileen Barretto & Alister Mascarenhas, Psychozest 2011-12, 2nd December 2011, Overall Championship, M. E. S. College, Zuarinagar.
- Percy Parry, for the sub event '*The Toony Lits*' (The Literary Cartoon Strip) at Pegasus 2011, 9th to 10th December 2011, 1st Chowgule College, Margao.
- Joyce Fernandes, for the sub event '*The Grammarian*' at Pegasus 2011, 9th and 10th December 2011, 1st Chowgule College, Margao.
- Lisbern S. Fernandes, for the sub event '*The Bard*' part of Pegasus Lawreate – The Literary Pentathlon' at Pegasus 2011, 9th and 10th December 2011, 1st Chowgule College, Margao.
- Menoy D'Souza, For the sub event '*Rhapsody*' (*The Extempore Competition*) at Pegasus 2011, 9th and 10th December 2011, 1st Chowgule College, Margao.
- Gregory Fernandez and Vishal Gaonkar, For the Quiz Competition at the Management Event '*Enigma*', 28th January 2012, 1st place, St. Xavier's College, Mapusa.
- Veeranna Bhusannavar, Rezekiev Rego and Calver Fernandes, For the sub event '*Amazing Race*' at the Management Event '*Enigma*', 28th January 2012, 1st place, St. Xavier's College, Mapusa.
- Darwin Gracias and Pankaj Kundap, for the sub event '*Finance Events*' at the Management Event '*Enigma*', 28th January 2012, 1st place, St. Xavier's College, Mapusa.
- Truven Jorge, for the sub event '*Best Manager*' at the Management Event '*Enigma*', 28th January 2012, 1st place, St. Xavier's College, Mapusa.
- Allan Rebello, Anisha Shaikh, Asiel Lobo, Gregory Fernandez, Vishal Gaonkar, Veeranna Bhusannavar, Rezekiev Rego, Calver Fernandes, Darwin Gracias, Pankaj Kundap and Truven Jorge, Enigma, 28th January 2012, Overall Championship, St. Xavier's College, Mapusa.

5. 17 Saraswat Vidyalyaya Society's College of Commerce and Management Studies, Mapusa

Year of Establishment: 1991.

Principal Name and Contact Address: Santosh B. Patkar, S. V.'s Sridora Caculo, College of Commerce and Management Studies, Telang Nagar, Khorlim, Mapusa Goa.

Website: www.saraswatbba.com/www.caculocollege.ac.in

Courses offered and sanctioned strength: B.Com. – 536, B. B. A. - 159, B. C. A. - 78.

Faculty strength: 14.

Achievements of the College:

- Organised "Odyssey" a National Level Management Event at ESG Goa, 27th to 29th September 2011.
- Won second place for One Act Play Competition organized by daily Sakal at Pune, 27th January 2012.
- Students participated in 'NOESIS – State Level Information Technology Festival' organised by Rosary College, Navelim, Goa, 10th to 12th December 2011. One of the student bagged first place in the competition entitled "Creativity".
- Students participated in "Techyons" organised by St. Xaviers College, Mapusa on 29th February 2012 and bagged Runners up Trophy.
- Secured First place at 'Impressions', a Management Event conducted by Rosary College, Navelim, October 2011.
- Secured Second place at 'Enigma' a Management Event conducted by Xavier College, Mapusa, January 2012.
- Secured First place at 'Laksha 'a Management Event conducted by MES College, Vasco, March 2012.
- Secured Second place at 'K-OSS' a Cultural Event conducted by Dhempo College, Panaji, March 2012.

Sports Achievements:

- Tyson Fernandes represented Inter-University football team.
- Prathamesh Gawas and Aniket ShenoI represented Goa Cricket Team in the Coochi Bihar Trophy.
- Aniket ShenoI represented Goa Badminton team in West Zone Championship held at Panaji Goa.
- Shankar Dhamdhay and Himanshu Velingkar represented Goa at Inter-University Athletics Championship held at Nagarjun (A.P.).
- Sahil Nayak won Nationals swimming Championship.

Conferences/Workshops organised:

- Two days State Level Seminar on Goa: Yesterday, Today and Tomorrow, 27th and 28th January 2012.
- One day Workshop on "Software Engineering Using Uml and Agil Modelling" for faculty of B.Sc. (Computer Science) and B. C. A. programs, 10th March 2012.
- State level event "IT MAESTRO-2011" for higher secondary students, 1st and 2nd December 2011.

Conferences/Seminars/Workshops attended:

Abroad: Nil

Within India: 08

Within Goa: 39

5.18 Fr. Agnel College of Arts and Commerce, Pilar

Year of Establishment: 1991.

Principal's Name and Contact Address: Fr. Fredrick Rodrigues, Fr. Agnel College of Arts and Commerce, Pilar Goa.

Website: www.fragnelcollege.com

Courses offered and sanctioned strength: B. A. – 60, B. Com. – 60, B.C.A. - 40.

Faculty strength: 18.

Achievements of the College:

- Agnel Vocational Training Institute, Verna in collaboration with the National Institute for Micro Small and Medium Enterprises and Fr. Agnel College, Pilar has started a 3D Animation course of two months duration. The Course sponsored by the HRD Ministry.
- Organised Inter-Collegiate Quiz Competition in association with Directorate of Arts and Culture, Government of Goa on topic “Golden Jubilee Celebration of Goa’s Liberation”, 26th August 20011.
- I. T. and B. C. A Department organised an Inter-Collegiate I. T. Paper Presentation for Students in association with Directorate of Arts and Culture, 10th September 2011.
- Organised “Merchant’s 2011” an Inter-Collegiate National Festival, 16th and 17th September 2011.
- Organised “X-ICONZ” an Inter-Collegiate event, 6th and 7th January 2012.
- Organised an Inter-Collegiate cultural event “Roots”, 2nd March 2012.
- Conducted CMAT examination.
- B. C. A. students participated two days National IT event “Eternus V.12” organised by the Bharatesh College of Computer Applications, Belgaum and won the Runners up Trophy.
- Students participated in “Psychozest” at M. E. S. College and emerged as the Second Runners up.
- The College team emerged Runners up at “Creations” organised by Dhempe College, Miramar, 16th February.
- Dipak Ramaswamy S. Y. B. A. participated in “Uninor Youth Icon” a talent hunt in Goa and Maharashtra. He also begged the Second place place in the All Goa Singing contest and was selected for the grand finale in Pune on 25th February where he was awarded for his participation.

Sports achievements:

- Angel de Braganza represented Goa, which won the third place for the Women’s Senior Nationals in football held at Chattisgarh.
- Two students represented for the State of Goa at the West Zone National athletic Championship held in Pune from 11th to 13th August 2011 and won Gold and Bronze medals.

- One student represented State of Goa at the National Athletic Championship held at Pune - Maharashtra 2nd to 4th September 2011 and also participated in the 23rd National Junior Athletic Championship at Bhopal from 2nd to 4th September 2011.
- Four students represented State of Goa in Volleyball at National Women's Sports Festivals held at Karnataka, 8th to 11th December.
- Max M. Dias represented Goa State at the U-20 Junior National Hockey Championship organised by the Indian Hockey Federation held at Hyderabad from 28th January to 7th February.
- Three students were selected to represent Goa University in the West Zone Inter-University Football Championship held at Gwalior.

Conferences/Workshops organised:

- Two days National Level Seminar on 'Quality Management in Higher Education Role of IQAC', 8th to 9th July 2011.
- State Level Seminar on "Goan Heritage" in August 2011.
- Seminar for students on "Role of Youth in Goas All Round Progress Liberation and beyond, 20th September 2011.
- State Level Seminar on "The Impact of Football on the Goan Population in terms of Economic, Social, Cultural and Educational aspects", 14th December 2011.
- State Level Seminar on "Role of Youth in Human Rights", 31st January 2012.
- State level Seminar on "Emerging Trends in Journalism", 23rd February 2012.

Publications:

	Foreign	Indian
Research Papers in Journals	01	Nil

Conferences/Seminars/Workshop attended:

Abroad: Nil	Within India: 30	Within Goa: Nil
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5.19 Government College of Arts and Commerce, Pernem

Year of Establishment: 1993.

Principal's Name and Contact Address: Gervasio S. F. L. Mendes, Acting Principal, Govt. College of Arts & Commerce, Virnoda, Pernem, Goa.

Website: www.govtcollegepernem.org.

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

Faculty Strength: 12.

Achievements of the College:

- Organised “Talk-cum-Demonstration on Road Safety’, followed by a talk on “Consumer Awareness”, by Roland Martins, Convenor, GOACAN, 8th September 2011.
- Faculty Improvement Programme on “Self Motivation and Job Satisfaction Creating Positivity Within”, 7th October 2011.
- Faculty Improvement Programme ‘Creative Problem Solving’, 31st January 2012.
- Organised Blood Donation Camp, 16th August 2011.
- Celebrated Vanamahotsava, 11th August 2011.

Sports achievements:

- Conducted ‘All Goa Invitational Kabaddi Tournament for Men’, 25th November 2011, in association with the Goa Kabaddi Association and the P. T. A.
- Pradnya Thakur (T. Y. B. A.) represented and captained the Goa team at the 9th Circle Style National Kabaddi Championship at Rampura, Bathinda District Panjab, 19th to 22nd August 2011.
- Mahesh Gawali (T. Y. B. A.) represented Goa at the 5th Beach Kabaddi Championship held at Ramkrishna Beach, Visakhapatnam, Andhra Pradesh, 6th to 20th August 2011.
- Chinmay Swar (F. Y. B. Com.) represented the under 19th State Cricket one day tournament at Vijayawada, Andhra Pradesh, 6th to 17th October 2011.

Conference/Workshops organised:

- A two-days State-level Seminar on “Gomantakiya Marathi Sahityachi Saunskrutik Parshve Bhumi”, 29th and 30th November 2011.
- One day State-level Workshop on Translation (English to Hindi) for undergraduate students, 17th December 2011.
- One Day State-level Seminar on ‘Career Guidance’, 14th March 2012, for undergraduate and post-graduate students of Colleges from Goa.

Publications:

	Foreign	Indian
Research Papers in Journals	Nil	03
In Edited Books	Nil	02

Conferences/Seminars/Workshop attended:

Abroad: Nil Within India: 03 Within Goa: 13

5.20 Dnyan Prabodhini Mandal’s Shree Mallikarjun College of Arts & Commerce, Canacona

Year of Establishment: 1993.

Principal’s Name and Contact Address: F. M. Nadaf , Officiating Principal, DPM’s Shree Mallikarjun College of Arts & Commerce, Delem, Canacona Goa 403 702.

Website: www.shreemallikarjuncollege.org, www.mallikarjuncollege.blogspot.com.

Courses Offered and Sanctioned Strength: B. A. – 330, B. Com. – 198.

Faculty Strength: 17.

Teachers deputed for higher studies under FIP or on fellowship: 01.

Sports achievements:

- Arpan Warik bagged the third place at the All India Junior National Championship in Tennis Ball at Cuttack.
- Bharati Gaonkar participated in the All India Cricket Championship. She also participated in the All India T-20 Senior Nationals in Cricket at Goa.
- Gauri Padkar participated in the All India Junior Nationals in Kho Kho at Chattisgarh.
- Arpan Warik, Shubhada Desai and Chandrabhaga Gaonkar participated in the All India National Championship in Tennikoit, Jammu.
- Vinesh Satarkar and Manohar Gaonkar participated in the All India Senior National Championship in Baseball, New Delhi and were runner ups.
- Nitisha Gaonkar and Sandesh Gaonkar participated in the All India Senior National Championship in Athletics, Kolkotta and also at the All India Inter-University in Athletics at Mangalore.
- Jeet Painginkar participated in the All India Junior National Championship in Chess at Goa.
- Deepashri Naik, Kavita Velip, Anupa Talpankar and Manoj Bhagat participated in the 15th Senior West Zone in Kho Kho at Nagpur.
- Arpan Warik, Chandrabhaga Gaonkar, Ganesh Sudir, Gauri Padkar, Bharati Gaonkar, Reshma Zaraunkar, Vinesh Satarkar, Manohar Gaonkar, Pradesh Gaonkar, Ranjita Gosavi and Pratibha Zaro participated in the All India Inter- University Baseball Tournament at Cuttack.

Individual medals won at intercollegiate championship:

- Nitisha G Gaonkar, Cross Country (Women), 5 Km, Gold.
- Supresh Velip, Athletics (Men), 20 Km Walk, Gold.
- Sandesh Gaonkar, Athletics (Men), 1500 metres, Gold.
- Nitisha G. Gaonkar, Athletics (Women), 5000 Metres, Gold.
- Chandrakant Velip, Athletics (Men), Pole Vault, Gold.
- Goa State Open Tennikoit Championship :Runners Up
- Inter Collegiate Cross country Championship Organised by Fr. Agnel College Pilar : Champions in both Men and Women section
- Bharati Gaonkar was declared as the Woman of the Cricket Championship for excellent all round performance at Goa University Cricket Tournament.

Other outstanding performances:

- Nitisha Gaonkar won 1. All India Tribal Marathon in Pune, 1st place. 2. Margao to Cortalim Marathon, 2nd October 1st place. 3. All India Pune Marathon for Tribals, 1st place. 3. Lokutsav & Garamutsav, 1st place. 4. Republic Day Navelim Marathon, 1st place. 5. Independence Day Race organized by Directorate of Sports & Youth Affairs, 1st Place.

Conferences/Workshops organised:

- National Seminar on “Goa’s Struggle for Freedom: Reminiscences, to celebrate Golden Jubilee Year of Goa’s Liberation, 10th December 2011.
- National Seminar on “Indian Economy: A Journey since Independence and future prospects”, 26th November 2011.
- Two-Day National Seminar on the Theme “Micro Finance – Emerging Issues and Challenges”, 23rd to 24th September 2011.

Publications:

	Foreign	Indian
In Edited Books	Nil	01

Conferences/Seminars./Workshop attended:

Abroad: Nil	Within India: 01	Within Goa: 21
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5. 21 Narayan Zantye College of Commerce, Bicholim

Year of Establishment: 1994.

Principal’s Name and Contact Address: Arun Sakhardande, Narayan Zantye College of Commerce, Vathadev, Sarvan, Bicholim Goa

Website: www.zantyecollege.ac.in.

Courses offered and sanctioned strength: B. Com. – 529, D’ CAT - 13, CA-CPT – 19, ICWAI – 42.

Faculty strength: 23.

Sports achievements:

- Sonia Naik, Geetanjali Gauns and Sameedha Naik represented Goa University Kabaddi team for the West Zone Inter-University Kabaddi tournament held at Jalgaon (Maharashtra), 26th to 30th September 2011.
- Satyavan Harmalkar, College Director of Physical Education & Sports was selected as team manager to accompany Goa University Kabaddi (Girls) team for the West Zone Inter-University Kabaddi Tournament held at Jalgaon (Maharashtra), 26th to 30th September 2011.
- Pallavi Chopdekar represented Goa University Football Team for the West Zone Inter-University Football Championship held at Jiwaji University, Gwalior, Madhya Pradesh from 10th January 2012 to 13th January 2012.

Conferences/Workshops Organized:

- National Level Workshop on “E - Content Development and Management”, 28th March 2012.
- Workshop on “Accounting, Auditing, Taxation and Service Rules”, 26th March 2012.
- Workshop on “Teaching, Learning and Evaluation”, 4th October 2011.
- Workshop on “Research Methodology”, 5th to 8th October 2011.
- Workshop on “Investor Education Programme”, 14th July 2011.

- Workshop on “Career Guidance and Personality Development”, 10th and 11th December 2011.

Conferences/Seminars/Workshop attended:

Abroad: Nil Within India: Nil Within Goa: 12

Number of teachers who obtained research degree during the year:

M. Phil.: 01 Ph.D.: Nil

5.22 Govt. College of Commerce, Borda, Margao

Year of Establishment: 2010.

Principal’s Name and Contact Address: Renji George Amballoor, Govt. College, Borda, Margao.

Courses offered and sanctioned strength: B. Com. – 120.

Faculty strength: 11.

Sports achievements:

- Salil P. Khanolkar participated in the 36th Senior National Tennikoit Championship at Jammu, 12th to 16th November 2011.

Publications:

	Foreign	Indian
In Edited Books	Nil	01

Conferences/Seminars/Workshop attended:

Abroad: Nil Within India: 01 Within Goa: 05

5.23 Vikas Parishad, Mandrem College of Commerce, Madhla Maj, Pernem

5.24 Swami Vivekanand Vidya Prasarak Mandal’s College of Commerce, Bori, Ponda

(b) PROFESSIONAL COLLEGES

5.25 Don Bosco College, Panaji

Year of the Establishment: 2001.

Principal's Name and Contact Address: Marie Raj, Don Bosco College, M. G. Road, Panaji, Goa.

Website: www.donbosco.goa.org

Courses offered and sanctioned strength: B. C. A. – 160, B.B.A. (Travel & Tourism) – 40, B.A.M.M. – 30, B.B.A. – 40, B. S.W. – 30, B. P. Ed.– 50.

Faculty strength: 19.

Achievements of the College:

- Secured first place at “Exodus” organised by St. Xavier’s College, Mapusa, 4th February 2012.
- Secured first place in “Ad-Making Competition for Merchants” held at Fr. Agnel, College, Pilar, 16th and 17th September 2011.
- Secured first place for Quiz at IT fest organised by KLE College, Belgaum on 21st and 22nd October 2011.
- Secured first place (BCA students) at the State Level Inter-Collegiate IT Fest organised by St. Xavier’s College, 29th February 2012.
- Secured first place (BCA students) for “JAM”, Second place for “Angry Birds Game” and First place for “Debate” in ‘I’-IT fest organised by Chowgule College, Margao, 5th and 6th December 2011.
- Secured first place for Quiz Competition at St. Xavier’s College, Mapusa on World Tourism Day, 26th September 2012.
- Secured first place for IT paper presentation on “Computer Graphics and Virtual Reality” at Fr. Agnel College, September 2011.
- Secured first place (BCA students) at the IT Fest organised by MES College, 27th and 28th February 2012.
- Secured second place at “IT Club FUN OLYMPIAD 2012” an Inter-Collegiate gaming competition organised by S. S. Dempo College, 18th January 2012.
- Secured second place at IT Fest “Spectra 1.0” organised by Damodar College, 24th and 25th November 2011.
- Secured third place at “Tatva” organised by Salgaocar Law College, Miramar, 21st and 22nd February 2012.
- Secured third place at “Creations” at Dhempe College, Miramar, 15th February 2012.
- Secured third place at “Vistara” at Polytechnic College, Altinho on 8th to 10th February 2012.
- Secured third place at “K-oss” organised by Dempo College, Altinho, 20th February 2012.
- Secured third place at “Bizz-Buzz” organised by Damodar College, Margao, 5th February 2012.

- Secured third place for Ghumat Aarti organised by DM's College, Assagao, 10th August 2011.
- Leon Lawrence and Shireen Araujo won the Essay Writing Competition on Sri. Ramchandra Mission.
- Secured third place at X-'ICONZ'- a state level Inter-Collegiate IT event organised Fr.Agnel College, Pilar, 6th and 7th January 2012.
- Secured third place (BCA students) at State Level Inter-Collegiate IT Fest organised by GVM College, 16th and 17th February 2012.

Sports Achievements:

- Organised first Inter-Collegiate Tennis Ball Cricket Tournament, 10th December 2011.
- Organised a programme of different Sports and Games for Don Bosco School at Kudal during Diwali Holidays.
- Sonia Naik, B. P. Ed. won Gold Medal in Inter-Collegiate Judo Championship, 2011.
- Majik Virendra won second place in Inter-Collegiate Judo and Triple Jump, 2011.
- Noronha Machado Norvin won second place in 400mts and 800mts.
- Amit Kumar Munna won second place in Decathlon and third place in Triple jump.
- Sharmila Dias won third place in Inter-Collegeiate 1500mts and 3000mts.
- Rohita Gaonkar won third place at Cross Country organised by Sports and Youth Welfare.
- Noronha Machado Norvin and Muhibullah won second place in Inter-Collegiate Best Physique Competition.
- Noronha Machado Norvin won first place in Best Physique Competition organised by PES College, Farmagudi.

Conferences/Workshops Organised:

- Celebrated "World Tourism Day", 27th September 2011.
- C. P. R. and First Aid Program conducted by Jovito Lopes, 13th September 2011.
- Lecture on "Diet and Sports Nutrition" by Meera Potnis, Lecturer, Home Science College, Campal, 7th July 2011.
- Ana Luisa Pereira, Faculty of University of Porto, gave a series of lectures to the students of B. P. Ed. Department and conducted Workshops on "Sociology of Sports" to the SAG coaches, 5th to 8th February 2012.

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 10

Within Goa: Nil

Other information:

- Don Bosco College is a member of Travel & Tourism Association of Goa (TTAG), Goa Chamber of Commerce and Industry (GCCCI), Computer Society of India (CSI) and American Centre, Mumbai.
- Cross Cultural Synergies 2012, a program by the international students of ICCR, was held at Don Bosco Oratory, March 2012.
- Organized "Metemora'11, an Inter-Collegiate event, 1st and 2nd December 2011.
- Hosted "Prime Time", an Intra-College Media event, 11th January 2012.
- Organised "Colossus", an Intra-Collegiate event, 13th and 14th February 2012.

5.26 Goa College of Pharmacy, Panaji

Year of Establishment: 1963.

Principal's Name and Contact Address: Gopalkrishna Rao, Goa College of Pharmacy, 18th June Road, Panaji, Goa.

Website: www.gcp.goa.gov.in

Courses offered and sanctioned strength: B. Pharm. - 60, D. Pharm. - 60, M. Pharm. - 13, Pharmacology - 05, Pharmacognosy - 05.

Faculty strength: 25.

Teachers deputed for higher studies under FIP or on Fellowship abroad: 01.

Publications:

Research papers in Journals:

Foreign: 02

Indian: Nil

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 11

Within Goa: 27

Number of teachers who obtained research degree during the year:

M. Phil.: Nil

Ph.D.: 01

Other information:

- **G. K. Rao**
 - Board of Studies Member of SRM Deemed University, Kattan Kulathura, Chennai.
 - Renominated as Board of Studies Member (PG in Pharmacy), RGUHS, Karnataka, Bangalore.
 - Zonal Secretary (South Zone), Indian Society of Chemists and Biologists, Lucknow.
 - Nominated as Editorial Board Member of Current Science, International Journal of Pharmacology and Journal of Medical Sciences.
 - Reviewed several scientific papers for Asian Journal of Scientific Research and Asian Journal of Biochemistry.
 - Joint secretary – Association of Pharmaceutical Teachers of India, 2004 till date.
 - Honorary Treasurer, IPA, Karnataka State Branch.

- **Sanjay Pai P. N.**
 - Editor in chief of Indian Journal of Pharmacy Education and Research.

5.27 Goa College of Engineering, Farmagudi

Year of Establishment: 1967.

Principal's Name and Contact Address: Vivek B. Kamat, Goa College of Engineering, Farmagudi, Ponda, Goa 403 401.

Website: www.gec.ac.in.

Courses offered and sanctioned strength: B. E. Civil Engg. – 60, B. E. Mech Engg. – 60, B. E. Electrical & Electronics Engg.- 60, B. E. Electronics & Telecommunication Engg.- 60, B. E. Computer Engg. – 60, B. E. Information Technology Engg. – 60, B. E. Mining Engg.- 30, M. E. Foundation Engg. – 30, M. E. Industrial Engg.- 18, M. E. (ETC) ECI Engg. – 18, M. E. (ETC) Microelectronics Engg. – 15, M.E. Power & Energy – 18, M. E. Computer Sci. Engg. – 18.

Faculty strength: 66.

New course(s) started: B.E. Mining Engg., M.E. Computer Sci. Engg.

Conferences/Seminars/Workshops attended:

Abroad: 1 Within India: 09 Within Goa: 126

Number of teachers who obtained research degree during the year:

M. Phil.: Nil Ph.D.: 01

5.28 Nirmala Institute of Education, Panaji

Year of Establishment: 1963.

Principal's Name and Contact Address: Rita Paes, Nirmala Institute of Education, Altinho, Panjim, Goa 403 001.

Website: www.nirmala-institute.com

Courses offered and sanctioned strength: B. E. – 100, Bachelor of Special Education – 25; Post Graduate Diploma in Guidance and Counseling – 30.

Faculty strength: 18.

Achievements of the College:

- **A Community Work Programme, 27th and 28th January:** A community work programme was organised by the Childline (Nodal Centre) in collaboration with Childline North & South Collab (Jan Ughai Trust), CARITAS-Goa and Centre for Responsible Tourism.
- **Cooperative Learning in Schools Project, 8th to 10th March:** The Cooperative Learning in Schools Project (CLISP) was a UGC funded, Minor-Research Project.

- **Conducted Science Exhibition, 20th to 27th March:** The Science teacher-trainees held a week-long Science Exhibition of their Experimental Science Projects.

Department Of Extension Services:

Following Workshops were organised by the Department of Extension Services:

- Maintaining a Portfolio for Assessing Co-Scholastic Areas and Activities (CCE)
- Designing Observation Schedules and Checklists for Assessing Co-Scholastic Areas and Activities (CCE)
- Using Co-operative Learning Structures to facilitate the Assessment of Personal and Life Skills (CCE)
- Mind Mapping in Mathematics (Std. VIII)
- Teaching Geography through CAI for Std. V

Report of the Post Graduate Diploma in Guidance and Counselling

Five weekend Workshops were conducted. A Workshop on “Family Therapy” was held by Fr. Joe Cardozo, Perth, 20th December.

ACTIVITIES CONDUCTED BY THE NIRMALA INSTITUTE OF EDUCATION ‘ATMASHODHA COUNSELLING CELL’:

The cell undertook the following for various schools in the State.

Under the Counselling Cell, a scheme was financed by the UGC. A survey was conducted in 35 schools where the B. Ed. Students went for their Internship.

The feedback of the questionnaire received was then tabulated under various categories and a workshop was designed accordingly to meet the needs of the individual institutions.

Counseling for various categories, like young couples, children with difficulties in studying, behaviour problems, suicide cases, family situations were conducted.

Workshops conducted by the Atmashoda Counselling Cell:

The following sessions were conducted at various places with the help of Resource persons: Self-Esteem and Confidence, Anger Management, the Power of Concentration, the Way to Think Positively, Time Management, You are what you Think, Motivation for Excellence, Emotional Intelligence, Coping with Failure, Stress Management, Time Management, Media and Youth, Emotional Quotient, Managing Stress, Motivation, Learning to Cope with Failure, Motivation for Learning, How To Overcome Fear and On Being Unique.

IGNOU

There has been a steady increase in the enrolment of candidates, both at the B. Ed level and the M. A. (Education) level.

GLOBAL FUND for AIDS TB and MALARIA (GFATM) ACTIVITIES

Saksham Project Report

- a. Training:** On request from the College of Social Work Nirmala Niketan, Mumbai, the Centre conducted the induction training for Master Trainers of Madhya Pradesh from the 12th to 17th December 2011. The students of Rosary College Navelim Red Ribbon Club were trained on the occasion of World AIDS Day.
- b. Meetings:** All the project staff along with the Faculty In-charge (FIC), Rita Paes, attended the 5th SSR meeting held at Shimla from the 4th to 6th June 2011.

The FIC and the Capacity Building Officer (CBO) attended the 6th SSR meeting held at CSWNN- SR Mumbai on 5th to 6th March 2012. The FIC along with the National Programme Director had a meeting with the NACO officials on 6th August 2012.

- c. Glossary of Terms:** A glossary of terms compiled by the NIE-Goa Saksham team was released on the occasion of World AIDS Day 2012. This booklet would be of assistance to HIV/AIDS trainers.
- d. Training of Master Trainers:** 14 of our Master Trainers attended various trainings organised by Tata Institute of Social Sciences all over the country.
- e. Counselling Supervision Visits:** 62 counselors have been mentored through the counseling supervision quarterly visits.

Commemoration of Golden Jubilee Celebration of Goa's Liberation:

The College commemorated the State Golden Jubilee Celebration of Goa's Liberation by organising the following:

1) Kushavati Heritage Trail, 9th January

A Kushavati Heritage Trail was conducted. Asst. Prajal Sakhardande of Dempe College led the students to various places of historical interest.

2) Theatrical Presentation, 18th February

Through our performance titled 'Compulsory Mis-education... Goa can make a change', we tried to critique the role of education in providing alternative views of the world and the role of education as a change agent. The students were trained by the Society for the Promotion of Art, Culture and Education (SPACE).

3) Workshop on the Tiatr, 2nd March

A workshop on the Tiatr was held. Tomazinho Cardozo was the resource person. He gave the students a brief background of the history of Tiatr, the uniqueness and the types of Tiatr.

4) Workshop on Sustainable Development, 5th and 6th March

A two-day State Level Workshop in collaboration with The Centre for Environmental Education on the “Role of Higher Education in Promoting Sustainable Development” was held.

5) Street Play Workshop, 1st October

As part of the Golden Jubilee Celebration of Goa’s Liberation (GJGGL), training on Street Play Workshops/awareness was created on the following issues – Women’s exploitation, Medium of Instruction, Child Labour and Consumer Rights.

6) Workshop on Personality Development and Life Skills, 19th October

A one-day workshop was conducted on Personality Development and Life Skills for the youth of Goa.

7) All Goa Inter- Collegiate English Drama Competition, 17th December

An all-Goa Inter-Collegiate English Drama Competition was held at the Maquinez Palace, Campal.

8) Alternative Communication for children with Special needs, 19th and 20th January

Sampada Shevde, Director, Voice and Vision – Mumbai conducted the two day workshop on Alternative Communication for children with special needs.

B. Ed. SPECIAL EDUCATION REPORT:

All Can Learn Project – collaboration with Sarva Shiksha Abhiyan

The Project, All Can Learn, aims at providing intervention to children with learning difficulties in the regular classroom on the basis of improved teaching strategies. The project is based on the R. T. E. which mandates that all children have the right to learn in an inclusive environment based on their capabilities and interests.

The project was conducted in coordination with SSA Goa and Nirmala Institute of Education, B. Ed. Special Education Department Gargi P. Sinha, Faculty, was the Nodal Faculty. The project comprised of two main features – identifying children with difficulties, and training teachers to provide intervention to those children along-with those in the regular classrooms.

The following Workshops were jointly co-ordinated with the B.Ed Special Education and Goa Sarva Shiksha Abhiyan

- I. Programmes under Inclusive Education (I. E.)
 - a. Performance Evaluation of Children with Diverse learning Needs (both in North and south Goa)
 - b. Curriculum Modification - Road to Inclusion (for Heads of Institutions)

Visiting delegation

Brazil Team: A delegation from Brazil visited the College and interacted with faculty and trainees in order to establish a Brazil-India Educational project for the city of Timbauba, State of Pernambuco, 6th September, 2011.

Goa University Results

The Institute secured 99% in the B.Ed section, with 59 distinctions and 31 first classes. 98% in the B.Ed Special Education with 2 students got A+, 11 got A and 5 got B and 99% in the Post Graduate Diploma in Guidance and Counselling with 10 distinction and 7 first classes.

Conferences/Workshops Organised:

• **Vida Sequeira**

- Delivered lecturers for M. A. Education Psychology for IGNOU Study Centre June to May.
- Delivered lecturers for B. Ed. Psychology and History for IGNOU Study Centre, January to May.
- Conducted sessions on Guidance and Counseling – Paper III for B. Ed. Special Education, October to November.

• **Denzil Martins**

- Use of Kagan Structures in Special Education Classrooms (for B. Ed. Special Education), 27th and 28th June.
- Induction programme for Teachers training in Mobile schools of Konkan Region (for Konkan Development Society), 11th and 12th August.

Ximena Fonseca, Mind Mapping for Class VIII Teachers in Mathematics for Department of Extension Services, September.

Bernadette D'souza, 1. Classroom Management and Teaching of Primary School Children, 2nd April. 2. Radio Talk on the topic: "How Good a Speaker Are You?", 23rd September.

Giselle Lobo (B.Ed special Education), 1. Multiple Disabilities & Communication, 18th and 19th January. 2. Creating an Environment conducive to Children with Autism, February. 3. Community Art, February.

Publications:

Research papers in Journals:

Foreign: Nil Indian: 05

Books:

Foreign: Nil Indian: 01

Conferences/Seminars/Workshop attended:

Abroad: 02

Within India: 05

Within Goa: 11

Other information:

Rita Paes

- Consultant, Brazil-India Educational Project, attended meet in Brazil, 26th March to 10th April.

Vida Sequiera

- Chairperson, Board of Studies, Goa University in Special Education from February 2012 to 2015.

Ximena Fonseca

- Member, Advisory Board of the Department of Extension Services, NIE, 2012-2014.

5.29 Goa College of Art, Altinho, Panaji

Year of Establishment: 1972.

Principal's Name and Contact Address: Mahesh V. Vengurlekar, Principal, Goa College of Art, Altinho, Panaji.

Website: goacollegeofart.com.

Courses offered and sanctioned strength: B. F. A. (Painting)- 20, B. F. A. (Applied Art) 30.

Faculty strength: 13.

Sports achievements:

- Rohitesh Manjrekar won the Gold Medal for Best Physique in Body-building, organised by the Goa University, August 2011.
- Nikita Naik won the First place in the Swimming Competition organised by the Goa University, August 2011.
- Aarti Kurtarkar was selected for the Second West Zone Tennis Ball Cricket Championship at Jaipur.

Conferences/Workshops Organised:

- Presentation Techniques (Applied Art Department), 18th and 19th July 2011.
- Workshop on paperless Portfolio (Applied Art Department), 19th September 2011.
- Workshop on Object Drawing (First year), 10th to 19th October 2011.
- Workshop on Dokra Metal Work (Painting Department), 30th January to 10th February 2012.
- Workshop on Portraiture (Painting Department), 6th to 10th February 2012.
- Workshop on Illustration (Applied Art Department), 13th to 18th February 2012.
- Workshop on Drawing (Head Study)(Painting Department), 12th to 15th March 2012.

Other information:

- Students participate in competitions related to the field of art like - the Goa State Art Competition, the Lalit Kala Academy Art Competition, and many others.
- The works of Hrishikesh Madathil, Shailesh Dabholkar, Bhisaji Gadekar and Diptej Vernekar were displayed at the Art Nexxt Exhibition organised by Lalit Kala Academy, in Delhi while Bhisaji and Diptej participated in Samita – a workshop cum seminar organised by College of Art, Delhi.
- A Landscape and Photography Competition was organised by the Photography and Sketch Club of the College.
- Students participated in all art activities, including music and theater.
- Being the Golden Jubilee Celebration Year of Goa's Liberation, our institution alongwith Goa College of Music, Goa College of Pharmacy and Goa College of Architecture organised a Celebratory March in commemoration of the event on Liberation Day.
- This year, the theme for Kala Utsav and Kala Rang was in tune with the Golden Jubilee Celebration of Goa's Liberation. The sets were designed on the freedom struggle, with realistic life size 3D human forms in thermocol.

5.30 V. M. Salgaocar College of Law, Miramar

Year of Establishment: 1973.

Principal's Name and Contact Address: M. Pinheiro, S- 3, Kamat Complex, Tonca, Caranzalem, Goa.

Website: www.vmslaw.edu

Courses offered and sanctioned strength: LL.B. – 80, LL.B. (Hons) – 80, LL.M. – 50, Ph.D.

Faculty strength: 16.

Achievements of the College:

- The College was awarded the prestigious National Award 'Institutional Excellence Award 2011' on 10th September 2011 at Delhi by the Society of Indian Law Firms and Menon Institute of Legal Studies.
- College reaccredited with 'A' Grade by NAAC.
- The only College in India to set up 40 permanent legal aid cells in rural areas in the State.

Teachers deputed for higher studies under FIP: 01.

Sports Achievements:

- Inter Collegiate Tournaments 2011-12

Performance

- Outstanding sportsmen: Shradha Bhandari represented India in Soft ball, Rohan Shirodkar represented Goa in Beach Kabaddi, Raj Shekhar Harikant represented in Goa State Ranji.
- Rohan Shiradkar: Represented as Captain of Goa University Kabadi Team at the National Kabadi Tournament held at Ajmer, Rajasthan.
- Harshad Dhulapkar: Represented Goa University in the Inter University Best Physique Competition held at Kerala.
- Kher Simoes: Represented Goa University at the Basket Ball Tournament held at odhpur.
- Johnson Simoes: Represented Goa University at the Baskert Ball Tournament held at Jodhpur
- Vithalraj Sangodkar: Represented Goa University as Vice Captain of Goa University Team at Inter University Cricket held at Surat, Gujarat.
- Tushar Narvekar: Represented Goa Cricket Association and Goa University at Inter University Cricket held at Surat
- Jerusha Dias: Represented Goa Cricket Association, Represented Soft Ball Association

Conferences/Workshops organised:

- National Conference on 'Access to Justice' sponsored by UNDP.
- State-level Workshop on RTI for NSS Officers of the State.
- Conference on Environmental Law sponsored by CPR.
- Conference on Civil Law in Goa.

Publications:

Edited Books:

Foreign: - 01

Indian: 01

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 06

Within Goa: 26

5.31 Govind Ramnath Kare College of Law, Margao**Year of Establishment:** 1979.**Principal's Name and Contact Address:** Arun S. Nadkarni, Vidya Vikas Mandal's Govind Ramnath Kare College of Law, Margao.**Website:** www.grkarelaw.edu.in.**Courses offered and sanctioned strength:** L. L. B. (Degree) – 240, L. L. B. (Hons.) – 400, LLM - 40.**Faculty positions:** 10.**Sports achievements:**

- Ivina Miranda(T.Y.L.L.B.) represented Goa State at the Senior National Judo Championship (2011-12) organised by West Bengal Judo Association Under the auspices of Judo Federation of India, 20th December 2011 to 5th January 2012. She also secured first position at the State Judo Championship (2011-12) organised by Goa Judo Association under the aegis of Sports Authority of Goa, 5th and 6th February 2012).

Conferences/Workshops organised:

- Organised one day Seminar on Right to Information Act. 2005, 10th March 2012.

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 04

Within Goa: 04

Number of teachers obtained research degree:

M. Phil

Ph. D.

Nil

01

5.32 Goa Dental College and Hospital, Bambolim**Year of Establishment:** 1980.**Principal's Name and Contact Address:** Ida de Noronha de Ataide, Goa Dental College, Bambolim.**Courses offered and sanctioned strength:** B.D.S. – 40, M.D.S. – 15.

Faculty strength: 36.

Achievements of the College

- Acquisition of the Mobile Dental Van to extend Dental Services to the Rural Areas.

Conferences/Workshops organised:

- Oral Medicine & Radiology Department in collaboration with the Micro, Small and Medium Enterprises Development Institute, Government of India and Goa Pharmaceutical Manufacturers' Association organised Interactive Workshop on "Management of Intellectual Property Rights", 17th March 2012.
- Orthodontic Department organised Workshop on National CDE Programme: Ortho-Mantra, 19th and 20th November 2011.
- Prosthodontic Department organised National Workshop on 'Concepts in Full Mouth Rehabilitation', 24th and 25th September 2011.
- Department of Oral and Maxillofacial Surgery organised Workshop on Nobel Implantology - First Module, 28th to 30th September 2011 and, Second Module, 13th and 14th April 2012.

Publications:

Research papers in Journals:

Foreign: 33

Indian: 24

Conferences/Seminars/Workshop attended:

Abroad: 1

Within India: 14

Within Goa: 11

Other information:

Department of Pedodontics (Awards)

- Best Paper Award at the 33rd ISPPD Conference, A. B. Shetty Dental College, Mangalore, 4th to 6th November 2011.

Department of Oral Medicine and Radiology:

- Ajit D. Dinkar participated in the CME conducted by <http://www/medscapecme.com>, on 25.8.2011 on Facial Rashes.
- Ajit D. Dinkar served on the Committee appointed by the Indian Academy of Oral Medicine & Radiology, for upgradation of the syllabus in the subject & attended DCI Workshop on 7th July 2011 at Bengaluru.
- "CME in Management of the Hemophiliac Patient." Organised by the Hemophilia Society of India Goa Chapter in collaboration with Goa Medical College on 3rd July 2011.
- Implant Prosthetics & Esthetics" Organised by Goa State Branch of the Indian Dental Association on 24th July 2011
- "Esthetic Consideration in Fixed Prosthodontics & Financial Management in Dentist" Organised by Goa State Branch of the Indian Dental Association on 21st August 2011
- "Predictable Fixed Prosthodontics", 11th September 2011
- "Concepts of full mouth Rehabilitation" Organised by Goa State Branch of the Indian Dental Association, 24th & 25th September 2011.

- “Past, Present, & Future of Forensic Dentistry in India” Organised by the Oral Medicine & Radiology Dept. of the Govt. Dental College & Hospital, Mumbai, 11th & 12th November 2011.

Department of Orthodontics:

- **Nandini Kamat**
- Awarded Second Best Paper Award in clinical category at the 46th Indian Orthodontics Conference held at Khajurao, September 2011.
- **Neha Sukhtankar**
- Awarded Second Best Poster Award at the 16th IOS PG convention held at Vishakapatnam, March 2012.

Department of Periodontics:

- Sandeep Lawande was conferred ‘Fellowship of International College of Dentists, November 2011, and ‘Fellowship of Pierre Fauchard Academy’, December 2011.

5. 33 Goa College of Architecture, Altinho, Panaji

Year of Establishment: 1982.

Principal’s Name and Contact Address: A. K. Rege, Goa College of Architecture, Altinho, Panaji Goa.

Website: <http://gcarch.goa.gov.in>

Courses offered and sanctioned strength: B. Arch. – 44.

Faculty strength: 15.

Conferences/Workshops organised:

- Workshop by Rahul Srivastava on ‘Design issues for Informal Sector Housing’ 9th August 2011.
- Workshop on ‘Architectural Design Methodology” by Himanshu Chhaya, 16th to 19th August 2011.
- Workshop on ‘Organic Architecture’ by Comdr. T. R. Anantha Narayanan and Shivram Narayanan, 9th & 10th September 2011.
- Workshop on ‘Design Sense - perception of design through senses’ by Ravi Hazra, 26th and 27th September 2011.
- Workshop on ‘Research Method and Writing Skills’ by Yatindra Joshi, 18th to 20th September 2011.
- One day Seminar on ‘Tropical Housing - Affordable & Sustainable Options’, 20th August 2011. Event organised under the scheme of Government of Goa for celebrating 50 years of Liberation of Goa.
- Seminar titled ‘Uzvadd’ on various issues related to Urbanism, 28th September 2011.

- Seminar titled 'Art, Landscape & Public Art', 12th to 14th March 2012. Event organised under the scheme of Government of Goa for celebrating 50 years of Liberation of Goa.

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 01

Within Goa: 02

Other information:

Special Lectures and Juries:

H. D. Chhaya, 1. 'Conquest of Build from 17th August 2011. 2. 'Evolution of Architecture', 19th August 2011.

Narendra Dingle, 'Contextuality & Architecture', 8th September 2011.

David Chambolle (France) on 'Tectonic Approach to Architecture', 12th October 2011

Special Jury on Design Studio (Sem.IX) and interactive Workshop for Dissertation (Sem.X) preparedness by Neelkanth Chhaya, Dean of CEPT, Ahmedabad, 14th November 2011.

Final Jury for Housing Studio (Sem.V) on 17th November 2012.

Other Events:

- Hosted "Architecture Rendez-Vous" showcasing the works of French Architects, Workshops, Talks and Films from 10th to 15th October 2011.
- A Play on awareness of environmental issues "Creatures of the Earth" by SPACE directed by Hertman De Souza, 19th October 2011.
- ZONASA at Guntur in Andhra Pradesh, students won one trophy consolation prizes.
- Aadhar (UID) scheme for registration of staff and students was implemented in Goa College of Architecture on 14th September 2011.
- Vistara, the Inter-College Festival of Goa College Architecture, 8th to 10th February 2012.
- Arch. Expo-2012 on 2nd April 2012.
- Inter-College Singing Talent search by UNINOR.

5.34 Goa College of Music, Altinho, Panaji

Year of Establishment: 1987.

Principal's Name and Contact Address: Manab Das, Goa College of Music, T. B. Cunha Educational Complex, Altinho, Panaji Goa.

Courses offered and sanctioned strength: Foundation Course – 15, B. Per. Arts – 20, M. Per. Arts – 6.

Faculty strength: 06.

Conferences/Workshops organised:

- Organised Workshop on Hindustani Classical Music by Ustad Aslam Khan, renowned vocalist from Mumbai, 26th to 28th September 2011.
- Organised Workshop on Tabla by Pt. Yogesh Samsi from Mumbai, 10th to 12th October 2011.

- Organised Workshop on Sound and recording by Shri Manohar Kunte from Mumbai, 16th to 18th November 2011.
- Organised Workshop on Thumari by Smt. Shubha Joshi from Mumbai, 28th to 30th November 2011.
- Organised Workshop on Natyageet by Pt. Ramdas Kamat from Mumbai, 5th to 7th December 2011.
- Organised Workshop on “Nutrition and Physical Fitness by Rajal Shinkre, Principal, Goa College of Home Science and Nivedita Dempo, St. Inez Panaji, 21st November 2011.

Other information:

Shayani S. Mest - “Late Vilasini Kane Memorial Award” sponsored by Goa Hindu Association, Mumbai, was awarded to the student of Vocal Music of this College for securing the first place in the Second Year Master of Performing Art in Vocal Music Examination held in April 2011.

5.35 Institute of Nursing Education, Bambolim

Year of Establishment: 1993.

Principal’s Name and Contact Address: Carol Noronha, Institute of Nursing Education, Near Holy Cross Chapel, Bambolim.

Website: www.dhsgoa.gov.in

Courses offered & Sanctioned strength: B. Sc. - 50.

Faculty positions: 19.

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 01

Within Goa:10

5.36 G. V. M’s College of Education, Ponda

Year of Establishment: 1993.

Principal’s Name and Contact Address: Allan J. Abreo, G. V. M’s College of Education, Farmagudi, Ponda Goa.

Website: www.gvmcollege.com

Courses offered and sanctioned strength: B. Ed. - 100.

Faculty positions: 10.

Achievement of the College:

- Accredited by NAAC and secured a B grade with 2.77 points on 4 point rating scale.

Conferences/Workshops organised:

- Organised one day seminar on “Integration of ICT in Educational Institutions”, 17th September 2012.
- Organised National Seminar on “Teacher Education in India: Practices and Challenges”, 26th and 27th March 2012.

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 10

Within Goa: 10

**5.37 B. S. P’s Gomantak Ayurveda Mahavidyalaya & Research Centre,
Shiroda****Year of Establishment:** 1993**Principal’s Name and Contact Address:** Anura P. Bale, B. S. P’s Gomantak Ayurveda Mahavidyalaya & Research Centre, Vajem, Shiroda – Goa.**Website:** www.ayurvidnyangoa.com**Courses offered and sanctioned strength:** B. A. M. S. (Ayurvedacharya) – 40.**Faculty strength:** 30.**Achievements of the College:**

- Ayurvision Exhibition, 2011.

Conferences/Workshops organised:

- ROTP in Shareera Kriya, 4th to 9th April 2011.

Publications:**Research papers in Journals:**

Foreign: Nil

Indian: 01

Books:

Foreign: Nil

Indian: 01

Conferences/Seminars/Workshop attended:

Abroad: Nil

Within India: 05

Within Goa: 01

Other information:

- **Anura P. Bale**
- Appointed as Ph. D. Guide at Tilak Maharashtra Vidyapeeth, Pune, 2011.

5.38 Goa Medical College, Bambolim

Year of Establishment: 1963.

Principal's Name and Contact Address: V. N. Jindal, Goa Medical College, Bambolim.

Website: www.gmc.goa.gov.in/

Course offered and sanctioned strength: Dermatology, Vernereology & Leprology: M.D. Skin (DVL) - 1, Skin(DVL) -2; ENT: M. S. - 3; M. D. Pharmacology; Preventive and Social Medicine: M.B.B.S. - 150, M.D. - 2, DPH - 2; Biochemistry: M.D. - 2, M.B.B.S. - 150, B.D.S. - 40, B. Sc. (Nursing)- 50, P. G. DCMLT - 15; Orthopedics: M.B.B.S. -150, M. S. - (Ortho) - 3; Surgery: M.B.B.S. - 100, M. S. (Gen. Surgery) - 6.

Faculty strength:

Dermatology, Vernereology & Leprology: 4; Anatomy: 11; ENT: 5; Pharmacology: 10; Preventive and Social Medicine: 15; Biochemistry: 8; Microbiology: 11; Physiology: 13; Pulmonary Medicine: 20; Orthopedics: 5; Surgery: 11; Pathology: 17.

Achievements of the College:

- College has won First place for College Magazine.
- The ENT Department is the only department offering MS-ENT course which is recognised by MCI, New Delhi.
- The department of Microbiology is involved in the routine diagnostic bench work and various National Programmes like HIV Surveillance, Revised National Tuberculosis Control Programme (RNTCP), Integrated Disease Surveillance Programme (IDSP), External Quality Assurance (EQAS) for CD4 Testing and External Quality Control for VDRL Test for Syphilis. The department has established the Intermediate Reference Laboratory for Culture and Drug Sensitivity of *Mycobacterium tuberculosis* is functional.

The departmental staff of Microbiology is involved in AIDS Awareness/Training Programmes being conducted periodically for medical, paramedical and non medical persons, within and outside this Institution. The Department also provides free testing facilities for CD4 counts for HIV positive individuals as a part of ART (Antiretroviral therapy) Programme in collaboration with Goa State AIDS Control Society (GSACS) and National AIDS Control Organisation (NACO). Serological testing facilities for exotic viral diseases, such as Dengue, Japanese Encephalitis and other bacterial infections like Leptospirosis are available at the Regional Laboratory. The Department is actively participating in the RNTCP (Revised National Tuberculosis Control Programme) and has one Centre attached to it.

New course(s) started: Department of Pulmonary Medicine: DOTS PLUS Activities for patients of MDR TB have been launched, December 2011. Department of Orthopedics: Physical Medicine and Rehabilitation.

Sports achievements:

- Sanjivi Kamat, Ninth semester student participated in the 30th National Senior Taekwando Championship.

Conferences/Workshops organised:

- Department of ENT organised a workshop on 'OTOLOGY', February 2012.
- Department of Preventive and Social Medicine organized Joint Annual Conference of IAPSM - IPHA at KIMS, Karad, January 2012.
- Department of Preventive and Social Medicine conducted Biostatistical Data Analysis Workshop for the PG students at Goa Medical College, April 2012.
- Department of Forensic Medicine and Toxicology in association with North Goa District Legal services Authority conducted Training Programme for Public Prosecutors and Legal Aid Advocates, 18th March 2012.
- Department of Forensic Medicine and Toxicology in association with Directorate of Census Operation, Government of India, Directorate of Planning and Statistics, Government of Goa, Kamaxidevi Homeopathic College, Shiroda, Goa Medical College Staff Society and Indian Medical Association, Bardez Branch conducted Training Programme on Medical Certification of Cause of Death for registered Medical Practitioners, February to March 2012.
- Department of Forensic Medicine was co-hosted One Day Workshop on "Bio Medical Waste Management", 24th August 2012. The Workshop was organised by Department of Science, Technology and Environment, Government of Goa and C. P. R. Environmental Education Centre, Chennai.
- Department of Anaesthesia organised a Workshop on Ultrasound Guided Technique with faculty from UK, 2012.
- Department of Orthopedics Surgery organised a Live Scoliosis Correction Surgery Workshop, August 2012. S. Bhojraj from Mumbai was the Resource person for the Workshop.
- Department of Orthopedics organized a Live Shoulder Arthroscopy Workshop, September 2012. Ashish Babulkar from Pune was the Resource person for the Workshop.
- Department of Surgery (Plastic-Surgery Unit: CME) organised Microtia Workshop, 17th October 2011.
- Department of Pathology organized International CME in Cytopathology and Histopathology, 3rd to 5th February 2012.

Publications:**Research papers in Journals:**

	Foreign:	Indian:
	07	30
Books:	Nil	01

Conferences/Seminars/Workshop attended:

Abroad: 10 Within India: 72 Within Goa: 104

Other information:

Awards/Honours and Special achievement:

- **Amit Dias**
 - Awarded the Edith Cowan University fellowship to visit the center for Excellence for Alzheimer's disease in Perth Australia, April 2012. He worked under Prof Ralph Martins at the Hollywood Hospital on a Project aimed at early diagnosis and prevention of Dementia.
- **Yuri Dias Amborcar**
 - Professor in Plastic-Surgery obtained IX IPRAS International Traveling Fellowship in 2011 of Association of Plastic-Surgeons of India
- Various staff members of the Department of Pathology attended National and International Conferences, CME's and Workshops in Pathology and were Faculty for scientific programmes.

**5.39 Shri Kamaxidevi Homoeopathic Medical College & Hospital,
Shiroda**

Year of Establishment: 1998.

Principal's Name and Contact address: S. D. Naik, Shri Kamaxi Homeopathic Medical College & Hospital, "Shiv-Shail", Shiroda, Goa.

Website: www.homoeopathycollegegoa.org

Courses offered and sanctioned strength: B. H. M. S. - 50.

Faculty Strength: 29.

Achievements of the College:

- Health Exhibition, November 2011.
- The College has signed MoUs with Switzerland Homeopathie Institute zug (Switzerland) and Glee's Academy of Homoeopathic Physicians, Germany.

Conferences/Workshops organised:

- Organised CME on Rheumatology on "Joint Diseases – A Homoeopathic perspective in Joint Disorders and Joint Replacement at SKHMC held, 2nd July 2011.
- Conducted Workshop on "Medical Certificate of Cause of Death" jointly with Directorate of Planning, Statistics and Evaluation, Government of Goa and Department of F. M. T. (G. M. C.), 31st March 2012.
- MFR Activity was conducted in association with St. John's Ambulance Association, 23rd to 25th June 2012 and on 2nd and 3rd July 2012.
- Conducted Workshop on "Homoeopathic Medical Education Technology" in association with Directorate of Education, Arts and Culture, Government of Goa to commemorate Golden Jubilee of Goa's Liberation, 1^{9th} to 2^{4th} September 2011.
- Conducted Continued Medical Education (CME), February 2012.
- Conducted Seminar on Cybercrime - Offence and Defense, 30th July 2012.

- Organised Health Science and Technology Exhibition 2012 to commemorate Silver Jubilee Celebration of Shivgram Education Society, 14th to 16th September 2012.

Publications:

Research papers in Journals:

Foreign: Nil Indian: 03

Books:

Foreign: Nil Indian: 03

Other information:

University Gold Medals for Meritorious students (2011- 2012):

- **Shah Ofa Naz**
 - Awarded “Shri Kamaxidevi Homoeopathic Medical College Gold Medal” for topping at the Final BHMS regular examination of Goa University.
 - Awarded “Smt. Ramabai Bhaskar Suria Rau Sar Desai Memorial Gold Medal” for topping at the First BHMS in the subject Human Anatomy.
 - “Prof. Dr. Ramesh Anant Dhume Gold Medal” for topping at the First BHMS in the subject Physiology.
 - “Dr. B. K. Bose Memorial Gold Medal” for topping at the Final BHMS in the subject Organon of Medicine sponsored
 - “Dr. P. V. Muzumdar Memorial Gold Medal” for topping at the Final BHMS in the subject Medicine including Therapeutics.
 - “Late Francis Xavier Monteiro Gold Medal” for topping at the Final BHMS in the subject of Homoeopathic Materia Medica.

5.40 National Hydrographic School, Vasco-Da-Gama

Year of Establishment: 1978.

Principal’s Name and Contact Address: Capt. A. K. Jolly, Officer-in-Charge, National Institute of Hydrography, c/o Headquarters, Goa Naval Area, Vasco-da-Gama.

Website: www.nihgoa.gov.in

Courses offered and sanctioned strength: Long H (Foreign and Indian Naval Officers)-15.

Faculty positions: 29.

Achievements of the College:

- A new block of accommodation for International Students was commissioned on 25th April 2012
- A new faculty of Marine Cartography that comprises open source software pertaining to cartography/GIS/Hydrography was commissioned in February 2012.
- The Institute commissioned new Multibeam 3180 and started practical conduct of Multibeam training in December 2011.
- Institute resources have been complemented with two new survey motorboats, GPS viva, Side Scan Sonar 4200 MP and Digital level DNA 03 during the academic year 2011-12.

Teachers deputed for higher studies under FIP or on Fellowship: 01

Conferences/Workshops organised:

- World Environment Day, 5th June 2011.
- World Hydrographic Day, 21st June 2011.
- Multibeam Echo Sounder Seminar, 24th September 2011.
- Workshop on Survey Equipments Maintenance, 16th and 17th March 2012.
- Atlas Deso 30 Seminar, 2nd to 5th July 2012.
- Training seminar on CARIS HIPS organised, 25th and 26th July 2012.

Publications:

Research papers in Journals:

Foreign: Nil

Indian: 05

Conferences/Seminars/Workshops attended:

Abroad: 01

Within India: 04

Within Goa: 07

5.41 Padre Conceicao College of Engineering, Verna

Year of Establishment: 1997.

Principal's Name and Contact Address: Luis C. Mesquita, Padre Conceicao College of Engineering, Verna, Goa.

Website: www.pccegoa.org

Courses offered and sanctioned strength: Bachelor of Computer Engineering – 63; Bachelor of Electronics and Telecommunication Engineering – 63; Bachelor of Mechanical Engineering – 63; Bachelor of Information Technology – 63; Master of Engineering in Information Technology–18.

Faculty strength: 41.

Teachers deputed for higher studies under FIP: 01

Sports achievements:

Inter-Collegiate Championship

- Riddhi Naik and Raunika Bandodkar represented Goa University Badminton Women's Team at Udaipur.
- Alisha Alfonso and Prachi Surlekar represented the Goa University Table tennis Women's team at Nagpur.
- Rahul Pawar and Debashish Gracias represented the Goa University Table tennis Men's team at Nagpur.
- Atish Kantak and Schalk D'Souza represented the Goa University Body building Men's team at Udaipur.
- Valmiki Cardoso, Sports Officer-PCCE, was appointed Manager of the Goa University's Men's and Women's Table tennis teams at Nagpur in January 2012.
- Badminton (Women) runners-up, Table Tennis (Men) winners, Table Tennis (Women) winners, Chess (Mix) runners-up at Inter-Collegiate Team Championship.

- At individual level won 2 gold, 1 silver and 1 bronze medals in Swimming (Men), 1 gold medal in Weightlifting (Men), 1 gold medal in Power lifting (Men) and 2 gold, 1 silver and 1 bronze in Best Physique (Men).

Conferences/Workshops organised:

- One week ISTE approved Short Term Training Program on “Graphs and Algorithms”, 4th to 9th July 2011.
- One-week ISTE approved Short Term Training Programme on “Visual Studio 2010 Enabled Technologies”, 31st October to 4th November 2011.
- One week ISTE Short Term Training Programme on “Industrial Automation and Process Control”, 8th to 12th November 2011.

Publications:

Research papers in Journals:

Foreign: 07

Indian: 06

Conferences/Seminars/Workshops attended:

Abroad: Nil

Within India: 01

Within Goa: 06

Number of teachers obtained research degree: 02.

Other information:

- The annual technical festival AAVISHKAR of the Electronics and Telecommunication Engineering Department was organised by SENATE (Students of Electronics and Telecommunication Engineering), 8th and 9th September 2011.
- SENATE organised a Basic Electronics and Soldering Workshop.
- SENATE organised a one day workshop on Hands on Experience with Microcontrollers in July 2011.

MECHANICAL ENGINEERING DEPARTMENT:

- Jignyasa Ver 3.0 was organised by COSME (Consortium of Students in Mechanical Engineering) in association with ISHRAE (Indian Society of Heating Refrigeration and Air Conditioning Engineers), 21st to 22nd March 2012.
- Two day workshop on Condition Monitoring and Diagnostic Maintenance was conducted by Mechanical Engineering Department, 13th to 14th January 2012.
- COSME organised a Blood Donation Camp on 1st March 2012 in the college in association with Hospicio Hospital, Margao.

COMPUTER ENGINEERING & INFORMATION TECHNOLOGY DEPARTMENTS:

- The final year students of Information Technology organised the annual two day technical festival ‘BLITZKRIEG’, 29th to 30th September 2011.
- The students of B.E Computer Engineering organised ‘Manthan 2K12’ the annual technical event of Computer Department.
- C-DAC, the Center for Development in Advanced Computing (an initiative of the Ministry of IT) conducted a workshop on C/C++ Programming Languages, 19th & 20th April 2012.

5.42 V. V. M's H. M. N. Gaunekar Institute of Management Training and Research, Comba, Margao

Year of Establishment: 1981.

Principal's Name and Contact Address: Atul Shah, H. M. N. Gaunekar Institute of Management Training and Research, Shree Damodar College Complex Govind Ramnath Kare Road, P. O. Box 413, Tansor, Comba, Margao.

Website: ww.imtrgoa.com.

Courses offered and sanctioned strength: Post Graduate Diploma in Management (PGDBA) - 45.

Faculty Strength: 7.

Achievements of the Institution:

- Conducted several programmes for the senior IFS Officers from all over the country, sponsored by the Ministry of Environment and Forests (MoEF), Government of India including the Bhaba Atomic Research Centre (BARC), Indian Space Research Organisation (ISRO), *etc.*
- Conducted programmes for the Scientists and Technologists from all over the country, sponsored by the Ministry of Science and Technology, Government of India.
- Conducted a wide range of programmes for private and Government organisations all over Goa.

5.43 INS Hamala, Marve, Malad (W), Mumbai

Year of Establishment: 1954.

Principal's Name and Contact Address: CDR Sankardeep Bharali, INS Hamla, Marve Malad (W), Mumbai, 400 095.

Courses offered and Sanctioned strength: MBA (LM) – 20.

Faculty Strength: 17.

Achievements of the College:

- AICTE accreditation obtained.
- Enhancement in Training and Administration infrastructure.

Conferences/Workshops organised:

- Annual Logistic Conference, 24th and 25th November 2011.

Conferences/Seminars/Workshops attended:

Abroad: Nil

Within India: 08

Within Goa: Nil

5.44 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda

Year of Establishment: 2001.

Principal's Name and Contact Address: N. Somayaji, Shree Rayeshwar Institute of Engineering & Information Technology, Shivshail, Karai, Shiroda, Goa 403 103.

Website: www.ritgoa.com

Courses offered and Sanctioned strength: Electronics & Telecommunication Engineering - 60; Computer Engineering - 60; Information Technology - 60.

Faculty Strength: 50.

Publications:

Research papers in Journals:

Foreign: 06

Indian: Nil

Conferences/Seminars/Workshops attended:

Abroad: Nil

Within India: 03

Within Goa: 13

5.45 P. E. S. College of Education, Farmagudi, Ponda

Year of Establishment: 2004.

Principal's Name and Contact Address: S. G. Gaikwad, Principal, P. E. S.'s College of Education & Research, Farmagudi, Ponda Goa 403 401.

Courses offered and Sanctioned strength: B. Ed. - 100.

Faculty Strength: 9.

Achievements of the College:

- Received Best Disciplined Institution Award in 17th Goa Yuva Mahotsava, 2012.
- Received Consolation Prize in all Goa Inter-Collegiate Goan Folk Dance Competition.

Conferences/Seminars/Workshops attended:

Abroad: Nil

Within India: Nil

Within Goa: 06

5.46 Victor Medical & Research Foundation's College of Nursing Margao

Year of Establishment: 2005.

Principal's Name and Contact Address: Maria Antao, VMRF College of Nursing, Malbhat, Margao Goa.

Website: goanursing.com

Courses offered and sanctioned strength: B. Sc. Nursing - 30.

Faculty positions: 15.

Achievements of the College:

Conferences/Workshops organised:

- Workshop on “Waste Management”, 6th August 2011.
- Workshop on “Healthy Mothers for Healthy Families”, 6th September 2011.
- Workshop on “Disaster Management”, 31st October 2011.
- Workshop on “Nursing Diagnosis”, 15th November 2011.
- Seminar on “Diabetes Mellitus”, 2nd December 2011.
- Workshop on “Personal Effectiveness – Communication & Commitment towards a purpose”, 9th January 2012.
- Seminar on “Roles Women Play – in Today’s Society”, 7th March 2012.

Other information:

- Conducted awareness programme on ‘Breast feeding – A 3D Experience, at Hospicio Hospital, 7th August 2011.
- Conducted “Blood Donation Camp”, 5th October 2011.
- Conducted a surveillance Camp on Diabetes Mellitus, 2nd November 2011.
- Conducted Dental Screening Camp for school children, 5th November 2011.
- Conducted an Anti Plastic Drive at Sao Jose de Areal, 6th November 2011.
- Organised Rally on “Prevention of AIDS”, 2nd December 2011.
- Organised Rally on “Protect Kidney and Save Heart”, 9th March 2012.

5.47 Vrundavan Institute of Nursing Education, Porvorim

Year of Establishment: 2005.

Principal’s Name and Contact Address: B. G. Bhavani, Vrundavan Institute of Nursing Education, Karaswada, Mapusa.

Website: www.vrundavaninstituteofnursing.com

Course offered and sanctioned strength: B. Sc. Nursing - 40.

Faculty strength: 13.

Conferences/Seminars/Workshops attended:

Abroad: Nil

Within India: 01

Within Goa:01

5.48 Institute of Psychiatry and Human Behaviour, Bambolim

Year of Establishment: 1980.

Principal's Name and Contact Address: V. N. Jindal, Institute of Psychiatry and Human Behaviour, Bambolim

Website: www.iphb.goa.gov.in

Course offered and sanctioned strength: M. D. -2, D. P. M.- 4.

Faculty strength: 08.

Conferences/Workshops organised:

- Workshop by IPHB with GMEC, 27th and 28th August 2011,

Publications:

Research papers in Journals:

Foreign: 03

Indian: 03

Conferences/Seminars./Workshops attended:

Abroad: - Nil

Within India: 10

Within Goa:- 26

5.49 P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda

Year of Establishment: 2007.

Principal's Name and Contact Address: R. V. Gaitonde, Principal, P.E.S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda.

Courses offered and sanctioned strength: B. Pharm – 63, AICTE Tuition Fee Waiver Scheme at F.Y. B. Pharm and additional 12 seats directly admitted to S.Y. B. Pharm who has passed out Diploma in Pharmacy – 72; M. Pharm in Pharmaceutical Chemistry - 18.

Faculty positions: 17.

New Course started: M. Pharm in Pharmaceutical Chemistry.

Conferences/Workshops organised:

- Organised a Pharmacy Week, November 2011.

Number of teachers who obtained research degree during the year:

M. Phil.: Nil

Ph. D.: 01

5.50 Don Bosco College of Engineering, Fatorda, Margao

Year of Establishment: 2011.

Principal's Name and Contact: C. S. Gokhale, Don Bosco College of Engineering, Fatorda, Margao

Website: www.dbcegoa.com.

Courses offered and Sanctioned strength: Mechanical Engineering – 60, Electronics & Telecommunication Engineering – 60, Computer Engineering – 60, Civil Engineering – 60.

Faculty strength: 26.

Conferences/Workshops organised:

- Faculty Improvement Programme (Teaching Methodology), 18th January 2012.
- Library Information and Technology, 15th May 2012.

Publications:

Research papers in Journals:

Foreign: 06 Indian: 01

Conferences/Seminars/Workshops attended:

Abroad: Nil Within India: 08 Within Goa: 15

Other information:

- Won Inter-Collegiate Football tournament at Goa University for the year 2012-2013.

5.51 Goa College of Hospitality and Culinary Education, Cidade de Goa, Varginim Beach

Year of Establishment: 2011.

Principal's Name and Contact Address: Zarine Lobo, Goa College of Hospitality and Culinary Education, Cida de Goa, Varginim Beach, Goa.

Courses offered and sanctioned strength: B. B. A. (Hospitality and Culinary Management) 30.

Faculty positions: 08.

5.52 Agnel Institute of Technology and Design, Assagao, Bardez

Year of Establishment: 2012.

Principal's Name and Contact Address: V. Mariappan, Agnel Institute of Technology and Design, Assagao Bardez.

5.53 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim

Year of Establishment: 2012.

Principal's Name and Contact Address: Damodar Mardolkar, Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim

Courses offered and sanctioned strength: B. Com. – 120.

RECOGNISED INSTITUTIONS

6.0 List of Recognised Institutions:

6.1 Xavier Centre of Historical Research, Alto Porvorim

Name of the Director: Delio de Mendonça.

Website: www.Mrcindia.org

Courses/Degree for which the Institution is recognised: Ph.D.

6.2 Malaria Research Centre (ICMR), Panaji.

Name of the Director: Neena Valecha.

Website: www.xchr.in

E-mail: xaviercentre@dataone.in

Faculty/Scientist strength: 49.

6.3 Directorate of Archives & Archaeology, Panaji

Name of the Director: M. L. Dicholkar.

Courses/Degree for which the Institution is recognised: Research institute for the purpose of obtaining the Ph.D. degree.

Website: <http://egov.goa.nic.in>

6.4 National Institute of Oceanography, Dona Paula

Name of the Director: Satish R. Shetye.

Courses/Degree for which the Institution is recognised: Ph. D. in Marine Science.

Website: <http://www.nio.org>

Faculty/Scientist strength: 150.

6.5 National Centre for Antarctic & Ocean Research (NCAOR), Vasco-Da-Gama

Name of the Director: S Rajan.

Courses/Degree for which the Institution is recognised: Ph. D.

Website: www.ncaor.gov.in.

Faculty/Scientist strength: 32.

6.6 Thomas Stephens Konknni Kendr, Porvorim

Name of the Director: Pratap Naik, S. J.

Courses/Degree for which the Institution is recognised: Konkani Research work.

Website: www.tskk.org.

Faculty/Scientist strength: 6.

6.7 Fisheries Survey of India, Mormugao

Name of the Director: Ajay Kumar Bhargava.

Courses/Degree for which the Institution is recognised: Ph. D.

Website: www.fsi.gov.in

Faculty/Scientist strength: 5.

List of Rankers (UG)			
Course	Rank I	Rank II	Rank III
T.Y.B. A.	D'Souza Shreya N.	Shirodkar Ridhima R.	Moraes Liz S.
T.Y.B. Sc.	Nagvenkar Anjani P.	Nagvekar Resha R.	Mendes Samantha P.
T.Y.B.Com.	Kamat Tanvi A.	Vaz Neena K.	Naik Pritam S.
B. P. Ed.	Oliveiro Ronni	Betkekar Amey M.	Gawas Laxmikant S.
M. B.B.S.	Hegde Poonam P.	Shivani Saini	Sardessai Gaurav M.
BFA (Applied Art)	Coutinho Natasha	De Souza Royce M.	Chandrashekhar Sajay
B.F.A. (Painting)	Sawant Vernekar Diptej D.	De Souza Charlene J. M.	Bhisaji Pandurang G.
B.D.S.	Rodrigues Edlyn	Menezes Arantxa A.	Deepa Yadav
B.Pharm.	Lotlikar Reema D.	Talwar Dimpal Y.	Sinai Priolkar Neha A.
B. E. (Civil)	Shenvi Varde Diksha D.	Kirtany Damodar V.	Shet Ajay Uday
B.E. (Mechanical)	Solanki Jayapalsingh S.	Barreto Darius D.	Kale Manjil M.
B.E.(I.T.)	Kadam Vandita U.	Lawande Tanvi S.	Fernandes Eunicia V. M.
B.E. (E.T.C.)	Shirwaikar Mahadev G.	Mordekar Maitreeyee V.	Bhave Namrata D.
B.E. (Computer)	Shetty Bhavya K.	Lobo Tabitha A.	Shenoy Gaurav G.
B.E. (E & E)	Pai Siddhi S.	Chelad Joseph G.	Chanekar Aditya S.
B.Arch.	Fernandes Amaraao	Fernandes Kester S.	Eureka Khong
B.Sc. (Home Sc)	D'Mello Arisona T.	Dias Jessica I.	Shetye Neha M.
B.Sc. (Naval Sc)			
B. Sc. (Nursing)	Fernandes Anifa	Rodrigues Monna S. D'Silva Staicy	Soares Tacita M.
LL.B.(Degree)	Priyanka Srivastava	Sawant Eshant V.	Kirtany Sharwari V.
LL.B.(Hons)	Audi Shanoor Alias Jagdish P.	Bhosle Tina D.	Matondkar Anagha A.
B.Ed.	Sinai Barad Roma U.	D'Cunha Giovanni S.	D' Souza Ashwin A.
B.G.L.	Purohit Reshmakumari G.	Dukle Esha G.	Oshani Abdulmalek S.
B.A.M.S.	Kelkar Sayali S.	Patil Priyanka P.	Shinde Anjali M.
B.H.M.S.	D'Silva Linoshka W.	Fernandes Joline A.	M. Feroze Nisha
B.P.A.	Punaji Diksha G.	Phadte Varadlxmi V.	Naik Pankaj K.

