

# XXVTH ANNUAL REPORT

2009-2010

२५वो वर्सुकी अहवाल २००९-२०१०



GOA UNIVERSITY

# GOA UNIVERSITY ANNUAL REPORT

June 2009— May 2010



**GOA UNIVERSITY**

**TALEIGAO PLATEAU  
GOA 403 206**



## **GOA UNIVERSITY**

### **CHANCELLOR**

H. E. Dr. S. S. Sidhu

### **VICE-CHANCELLOR**

Prof. Dileep N. Deobagkar

### **REGISTRAR**

Dr. M. M. Sangodkar

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## **P R E F A C E**

I have great pleasure in presenting to you the 25th Annual Report of Goa University for the academic year 2009-10.

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) Recognized 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 non-professional colleges affiliated to this University.

This Annual Report spans the Silver Jubilee Year of Goa University. The Silver Jubilee Year was observed with great fervour with a large number of national and international conferences hosted by the University departments during this period. The period also witnessed visit to the University of such luminaries as Dr. Anil Kakodkar, Dr. Raghunath Mashelkar, Prof. Prabhat Patnaik, Ambassador Lalit Mansingh among others. During the year of the Silver Jubilee of its foundation, the University was also privileged and honoured by the gracious presence of Her Excellency Smt. Pratibha Devising Patil, Hon'ble President of India, at the 22nd Annual Convocation held in November 2009. This Annual Report makes an attempt to capture some of those moments.

I would like to record my appreciation and acknowledgment towards the cooperation of all the teaching and non-teaching staff members and students who contributed to the success of the year-long Silver Jubilee celebrations.

Prof. Dileep N. Deobagkar  
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 institution on the move, 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. The information contained in the pages that follow truly reflects 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. The Report also reflects the academic ethos of our affiliated colleges and institutes.

Since this publication covers the period of the Silver Jubilee Year 2009-10, images of the various activities conducted during the year have also been included in the publication.

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.

D. J. Bhat	Convenor, Editorial Committee
V. P. Kamat	Member
A. J. Jayanthan	Member
N. S. Bhat	Member
S. Noronha	Member
P. Hegde Dessai	Member
R. Basker	Member
R. R. Bhatikar	Member

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## PART I: UNIVERSITY AUTHORITIES AND BODIES

### 1.1 Members of Executive Council

Chairman

Dileep N. Deobagkar, Vice-Chancellor (*ex officio*)

Nominees of the Chancellor

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

P. G. Kakodkar, Former Chairman, State Bank of India (upto 19.1.2010)

Dattaraj V. Raj Salgaocar, Salgaocar House, Vasco (w.e.f. 19.1.2010)

Maria Couto, Member

#### **Nominees of the State Government**

Rama kant Khalap, Mapusa

Datta D. Naik, Margao

Secretary (Higher Education) Govt. of Goa, (*Ex.Officio*)

Secretary (Finance) Govt. of Goa, Member (*Ex.Officio*)

#### **Nominees of the Vice-Chancellor**

Desai, Dean, Faculty of Life Science and Environment

Pradeep Naik, Dean, Faculty of Medicine

G. N. Nayak, Head, Department of Marine Science

M. Pinheiro, V. M. Salgaocar College of Law

Ex officio Member

M. M. Sangodkar, Registrar, Member Secretary (*Ex.Officio*)

During the year 2009-2010, eight regular meetings, two special meetings of the Executive Council were held. The meetings were held on 13-06-2009, 8-08-2009, 10-10-2009, 21-10-2009, 14-11-2009 (special); 12-12-2009; 28-12-2009, 17-02-2010, 8-04-2010 and 07-5-2010 (special).

### 1.2 Members of University Court

#### **Chairman**

Dileep N. Deobagkar, Vice-Chancellor (*ex officio*)

#### **Nominees of the Chancellor**

Caeser Menezes, Managing Director, Wallace Pharmaceuticals Pvt.Ltd.

G. D. Kamat, Retired Chief Justice of Gujarat High Court

Ines Cotta CarveIho, Margao

Dattaraj V. Raj Salgaocar, Salgaocar House, Vasco

#### **Nominees of the State Government**

Shambu Bhau Bandekar, Saligao

Kashinath Jalrni, Marcela

Deepti Salgaocar, Vasco

Nisha D'Cunha, Porvorim

#### **Nominees of the Executive Council**

**B.** Ramesh, Dean, Faculty of Commerce

Pradeep Naik, Dean, Faculty of Medicine

A. R. Naik, Dean, Faculty of Engineering (upto 22.2.10)

N. Somayaji, Dean, Faculty of Engineering (w.e.f. 22.2.10)

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A. S. Nadkarni, Dean, Faculty of Law (upto 22.2.10)  
M., Pinheiro, Dean, Faculty of Law (w.e.f. 22.2.10)  
M.V. Vengurlekar, Dean, Faculty of Performing, Fine Art & Music (upto 22.2.10)  
Kamalakar Nalk, Dean, Faculty of Performing, Fine Art & Music (w.e.f. 22.2.10)  
Chairman, Goa University Students' Council, Goa University  
The President /Chairman, Narayan Zantye College of Commerce, Bicholim  
The President /Chairman, Dyan Prabodini Mandal's College of Arts & Commerce, Canacona

**University Professors**

Pratima Kamat, Department of History  
D. J. Bhat, Department of Botany  
J. B. Fernandes, Department of Chemistry  
A. B. Shanbhag, Department of Zoology  
G. N. Nayak, Department of Marine Science

**Principals of Affiliated Colleges**

Marie Raj, Don Bosco College, Panaji  
M. G. Pai, Goa College of Pharmacy, Panaji  
R. V. Gaonkar, Smt. Parvatibai Chowgule College of Arts & Science, Margao  
Arvind Kothe, SES Homoeopathic College & Hospital, Shiroda  
A. R. Sakhardande, Narayan Zantye College of Commerce, Bicholim

**Elected Members**

Anthony P. Rodrigues, Fr. Agnel College of Arts & Science, Pilar  
Sucheta Halkar, Dhempe College of Arts & Science, Miramar  
P. V. Rataboli, Goa Medical **College**.  
Ajit Nagarsenkar, Goa Medical College  
R. Seturammacharya, Carmel College of Women, Nuvem  
Devashish Bagchi, Smt. Parvatibai Chowgule College of Arts & Science  
Vinayak Shet, Goa College of Engineering, Farmagudi  
Bipin Bandekar, Narayan Zantye College, Bicholim  
Santosh G. Tilve, Department of Chemistry  
V. S. Nadkarni, Department of Chemistry  
Sandeep **Garg**, Department of Microbiology

**Representative of Non Teaching Staff**

**G. J. S.** Talaulikar, Asstt. Registrar & Offg. Controller of Examination  
M. M. Sangodkar, Registrar, Member Secretary (*ex officio*)

During the year 2009-2010, meeting of the Court was held on 19.03.2010



### 1.3 Members of the Academic Council

Chairman

Dileen N. Deobagkar, Vice-Chancellor (*ex officio*)

Nominees of the Chancellor

Adi H. Doctor, Retd. Professor

J. M. Noronha

P. C. Pandey, Director, NCAOR

Naseer Munje

Edgar S. De Sa, Sr. Scientist, NIO

Nominees of the Vice-Chancellor (*ex officio*)

Dean, Faculty of Languages and Literature

Dean, Faculty of Social Sciences

Dean, Faculty of Natural Sciences

Dean, Faculty of Life Sciences & Environment

Dean, Faculty of Commerce

Dean, Faculty of Management Studies

Dean, Faculty of Medicine

Dean, Faculty of Engineering

Dean, Faculty of Education

Dean, Faculty of Law

Dean, Faculty of Performing, Fine Art & Music

Dean, Faculty of Design

Nominees of the Executive Council

*University Professors*

G.N. Nayak, Department of Marine Science

S.P. Kamat, Department of Chemistry,

B.K. Sharma, Department of Hindi

G. M. Naik, University Instrumentation Centre

Pratima Kamat, Department of History

Principals of Affiliated Colleges

Ravi Hazra, Goa College Architecture

M. Pinheiro, V. M. Saigaocar College of Law

Rita Paes, Nirmala Institute of Education

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

- Mesquita, Padre Conceicao College of Engineering

Anil S. Dingo, PES College of Arts & Science

P. M. Bhende, GVM College of Commerce & Economics

Jose Benigno Walter De Sa, St Xavier's College of Arts & Commerce

D.B. Arolkar, V.N.S. Bandekar College of Commerce

University Teachers

N. Shyam Bhat, Department of History

S. K. Dubey, Department of Microbiology

A. N. Mohapatra, Department of Mathematics

R. Y.. Nair, Department of History

Savita Kerkar, Department of Biotechnology

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#### Elected Members

Jude Rodrigues, Goa Medical College  
K.G. Hiremath, Dhempe College of Arts & Science  
D.S. Parab, Dhempe College of Arts & Science  
Aud hoot Satardekar, Carmel College for Women  
Ramlal Saji Vernekar, CES College of Arts & Commerce  
Guru nath P. Prabhu Khanolkar, PES College of Arts & Science  
Raghupati G. Bhat, GVM College of Commerce & Economics  
Fillipe Rodrigues e Melo, St Xavier's College of Arts, Science & Commerce  
Jayesh Churi, Saraswat Vidyalaya's College of Commerce & Management Studies

#### Ex officio Members

The Director, National Institute of Oceanography  
The Librarian, Goa University  
The Chairman, Goa Board of Secondary & Higher Secondary Education  
Registrar, Goa University

### 1.4 Members of Planning Board

#### Chairman

Dileep N. Deobagkar, Vice-Chancellor, (*Ex officio*)

#### Nominee of the Chancellor

Nandini Sardesai, Mumbai

#### Nominees of the Vice-Chancellor

Datta Naik, Margao  
Edgar D'Sa, Sr. Scientist, NIO Dona Paula  
Ravi Hazra, Goa College of Architecture

#### Nominees of the Executive Council

Seyad E. Hasnain, Vice-Chancellor, University of Hyderabad A.  
V. Afonso, Dean, Faculty of Social Sciences, Goa University

#### Nominees of the University Grants Commission

R. P. Kaushik, Former Prof. of JNU, Gurgaon  
Registrar, Goa University, *Member Secretary (Ex.Officio)*

### 1.5 Members of the Finance Committee

#### Chairman

Dileep N. Deobagkar, Vice-Chancellor (*Ex officio*)

#### Nominee of the Chancellor

Ramnath G. Kare, Managing Director, Kare Group of Companies  
Finance Officer, Goa University, *Member Secretary (Ex officio)*

#### Nominee of the Executive Council

Ramakant D. Khalap, Mapusa

#### Members

Registrar, Goa University  
Jt. Secretary/ Director of Higher Education, Government of Goa  
Jt. Secretary (Finance), Govt. of Goa  
Dean, Faculty of Commerce (*Ex officio*)

## 1.6 Deans of Faculties

K .S. Bhat, Faculty of Languages & Literature  
A.V. Afonso, Faculty of Social Sciences  
J. B. Fernandes, Faculty of Natural Sciences (up to 31.7.2009)  
K. S. Rane, Faculty of Natural Sciences (w.e.f. 1.8.2009)  
P. V. Desai, Faculty of Life Sciences & Environment  
B. Ramesh, Faculty of Commerce  
A. Sreekumar, Faculty of Management Studies  
Pradeep Naik, Faculty of Medicine  
N. Somayaji, Faculty of Engineering  
A. S. Nadkarni, Faculty of Law (up to 7.11.2009)  
Marian Pineiro, Faculty of Law (w.e.f. 8-11-2009)  
M. V. Vengurlekar, Faculty of Performing, Fine Arts & Music (up to 7.11.2009)  
Kamalakar Naik, Performing, Fine Arts & Music (w.e.f. 8-11-2009)  
L. Vernal, Faculty of Education  
ID. N. Deobagkar, Faculty of Design

## 1.7 Officers of the University

D. N. Deobagkar, Vice-Chancellor  
M. M. Sangodkar, Registrar  
D. J. Naik, Finance Officer  
G. P. Prabhu Khanolkar, Controller of Examinations  
Gopakumar V., Librarian  
M. Shreedhara, Deputy Registrar (Academic)  
D. A. E. Rodrigues, Deputy Registrar (Gen. Adm.)  
Milton Fernandes, Asstt. Director, Physical Education & Sports and Cultural Affairs  
Avertano Reis Barreto, Director of Students' Welfare & Cultural Affairs  
V. L. Sawkar, Executive Engineer  
P. Sequeira, Medical Officer  
M. Chakraborty, Head of Computer Centre  
S. Bandodkar, Programmer  
A. A. T. H. Rosa, Programmer  
Damodar Manjrekar, Programmer  
G. J. S. Talaulikar, Asst. Registrar  
L. V. Macedo, Asst. Registrar  
A. Fernandes, Asst. Registrar  
S. N. Kamat Dias, Asst. Registrar  
B. T. A. D'Mello e Daniel, Asst. Registrar  
S. S. Figueiredo, Asst. Registrar  
R. R. Bhatkar, Asst. Registrar  
Maya Sawant, Asst. Registrar  
A. Srivastava, Asst. Engineer  
S. S. Talaulikar, Asst. Engineer  
R. S. Parsekar, Asst. Engineer

## 1.8 Other Bodies/Associations and their Composition

Forum of Principals & Representatives of Managements  
of non-Govt. Colleges in Goa

Anil Dinge, *Chairman*

D. B. Arolkar, *Secretary*

Srikrishna Pokle, *President*

R.V. Gaonkar, *Joint Secretary*

University and College Teachers' Association

Varsha Kamat, *President*

Sajani D'Costa, *Secretary*

Rajendra, *Treasurer*

N. Colvalkar, *Vice-President*

Filipe Rodrigues e'melo, *it. Secretary*

Executive Committee of the Association of Officers of Goa University

A. Fernandes, *President*

Donaldo Rodrigues, *Member*

Bertha T. A. D'Mello e Daniel, *Member*

Avertano Baretto, *Secretary*

M. Shreedhara, *Member*

Leo Macedo *Member*

Milton Fernandes, *Member*

V. L. Sawkar, *Treasurer*

Executive Committee of the Goa University

Non-Teaching Employees Association

Ganadhish Keny, *President*

R. P. Naik, *Vice-President*

Godwin Afonso, *General Secretary*

Krishna Pai, *Joint Secretary*

Santosh Vernekar, *Treasurer*

Prarthana Naik, *Member*

Renato Dias, *Member*

S. Shetgaonkar, *Member*

Usman S. Ali Shaikh, *Member*

Yoganand Kholkar, *Member*

College Development Council

Dileep N. Deobagkar, *Vice-Chancellor, Chairman*

M. M. Sangodkar, *Registrar, Member*

Luis Vernal, *Member*

M. Pinheiro, *Member*

Yatin Kakodkar, *Member*

Shekhar Sardessai, *Member*

The Director, Directorate of Higher Education, *Member*

B. A. Gomes, *Member*

A. S. Dinge, *Principal, P.E.S. College of Arts & Sc. Farmagudi, Ponda, Member*

D. B. Arolkar, *Co-ordinator, College Development Council, Member*

G. Kondli, *Shree Damodar College of Commerce and Economics, Member*

Nagesh Colvalkar, *V. M. Salgaocar College of Law, Member*

I. Bhanu Murthy, *Co-ordinator, CDC, Member Secretary*

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## 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	(MA., Ph. D.)

### FACULTY BOARD

Dean of Faculty	<i>Chairman (ex officio)</i>
Sharma Rohitashva B. K.	<i>Member</i>
Bhat K. S.	<i>Member</i>
D'Souza Chandraleka A.	<i>Member</i>
Sawant V. D.	<i>Member</i>
Fernandes A. R.	<i>Member</i>
Wagle A.	<i>Member</i>
Mandrekar Vrushali S.	<i>Member</i>
Kanolkar B. G.	<i>Member</i>
Parienkar Prakash	<i>Member</i>

**DEPARTMENT  
OF  
ENGLISH**

Faculty

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

Kiran Budkuley, Ph.D., Associate Professor British Poetry, Culture & Gender Studies, Indian Literature and Novel

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

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

Major thrust areas of research and achievements:

The Department of English offers special courses on Cultural Studies in addition to several conventional course on literature and literary theory.

Other Information

Fellowship/Visiting Professorship, etc

Nina Caldeira was awarded a fellowship to Australia by Australian High Commission in India.

**No. of Radio talks/TV interviews/Popular articles**

Andre Rafael Fernandes: RTPi-Contact Goa, Prudent Media, HCN, Doordarshan.

One Radio talk

## DEPARTMENT OF KONKANI

### Faculty

Chandralekha D'Souza, Ph. D., Associate Professor & Head - Literary Criticism, Modern Konkani Poetry, Comparative Literature, Research Methodology & Media Studies.

P. S. Tadkodkar, M. A., Associate Professor - Drama, Modern Konkani Prose, Literary Criticism & Research Methodology

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

Prakash Parienkar, M. A., Assistant Professor - Old Konkani Literature, Konkani Language Movement & Konkani Folklore.

### Major thrust areas of research and achievements

The Department is involved in research and consultancy in Literary Criticism, Comparative Literature, Linguistics and Konkani Folklore. The department attracts students from all regions of the State. The department has an active Konkani Sarspat Mandal (Students' Literary Association) and students regularly participate in Konkani literary meets.

### Visiting Scholars

Tanaji Halarnkar, Konkani Language Movement (Opinion Poll and the State Language Issue), 26th Nov., 2009.

Nagush Karmali, Konkani Language Movement (LaUtak and the activities of the Konkani Bhasha Mandal", 8th Dec., 2009.

Hama Naik, Feminist Writing in Konkani, 4th Dec., 2009.

Melwyn Rodrigues, Konkani Poetry in Kannada Script, 7th Dec., 2009

Harischandra Nagvenkar, Literary Criticism in Konkani, 7th Dec., 2009

Narayan Josh', Prairie View, A&M Univ. (retd.) The Internal Beauty of Sanskrit, 6th May, 2010.

M.G. Dhadphale, University of Pune (Retd.) The Dravidian Influence on Indo-Aryan, 6th May, 2010

### **Ongoing projects/ completed during June 2009 - May 2010**

Chandralekha D'Souza, Trilingual Dictionary - Gujarati, Konkani & English, Western Regional Language Centre in collaboration with Dept. of Konkani.

### **Placement Details**

5 students are working on lecture basis in different degree colleges affiliated to GU, others are working for High Schools and Higher Secondary Schools.

### **Other Information**

Chandralekha D'Souza was the local coordinator for the 12 day National Level Translation Workshop for four languages (Konkani, Marathi, Sindhi



and Gujarati) organized by CIIL, Mysore, in collaboration with Fr. Agnel College, Pilar, Pilar Seminary Complex, from 21st Nov. to 5th Dec., 2009. As resource person Dr. D'Souza participated in a one day workshop on assessing Knowledge Text Translation in Konkani, organized by CUL, Mysore.

Madhavi Sardesai chaired a session on "Reflections of Women's Issues in Contemporary Women's Literature in Konkani" organized by Sahitya Akademi, New Delhi, in collaboration with Peaceful Society, Madkai, Ponda, 12" Sept., 2009.

Nominated as a member on the state level Committee for the commemoration of Birth Centenary of Poet B. B. Borkar.

Nominated as the member of Terminology Committee, by the Directorate of Official Language, Govt. of Goa, for preparing various terminologies in Konkani.

Delivered the Key Note address on "The Woman in Gandhian Thought and Utopia" in Chitrangi Sahitya Melt, organised by Konkani Bhasha Martdal, in collaboration with Bardez Konkani Asmitai Kendra, Saal, Bioholim, 6" March, 2010.

Prakash Parienkar was nominated as a member on the Editorial Board of Goa Konkani Akademi for a term of three years.

Delivered a lecture on the Creative Writing Process at the "Kavita Fest" organized by Kavita Trust, Mangalore, Barkur, South Canara District, Karnataka, 10" Jan., 2010.

Participated as a resource person for translating short stories from Kashmiri into Konkani in a four day workshop organized by the Sahitya Akademi, New Delhi, at Srinagar, 26" - 29" Jan., 2010.

Nominated on the Task Force Committee for preparing a welfare scheme for people in Goan traditional occupations (a forum of the Directorate of Social Welfare) March, 2010.

Janet D'Souza, Shraddha Garad, Siddhi Kerkar, Namrata Mopkar and Shweta Parab, students of M.A. Part-I and II participated in the "Kavita Fest" organized by the Kavita Trust, Mangalore at Barkur, 10"Jan., 2010.

The Department organised a study tour of MA. students to Mangalore and Mysore. The students interacted with some of the prominent Konkani writers from Karnataka and also visited the CIIL, Mysore.

Awards / Honours conferred

Prakash Parienkar was awarded the 1st late Meghashyam Naik Memorial Yuwa Sahitya Puraskar, 2009 by the 11th Yuwa Konkani Sahitya Sammelan organized by Goa Konkani Akademi in collaboration with Govt. College of Arts., Science & Commerce, Quepem.

### Other achievements by students/ staff

The Department organized an exhibition of folk items (Lokvastu) on the sidelines of a seminar on Goan Konkani Folklore (Goencho Lokved: Rang ani Antarang). The exhibition was inaugurated by Shri Victor Hugo Games of Goa Chitra. Angela Monteiro, Snehal Talaunekar and Denis Vaz presented papers on the different aspects of Goan Folklore. They received critical feedback from Vinayak Khedekar, Pandurang Faldesai and Jayanti Naik, renowned experts in the field.

Students of the Department participated in the All Goa One act-play competition organized by Goa Kala Akademi, and bagged the second prize and also three other individual prizes.

Students of the Department participated in the 11th Yuwa Sahitya Sammelan held at Govt. College, Quepem. Denis Vaz obtained 2<sup>nd</sup> prize in the essay section of the competition organized as a part of the Sammelan.

Students of the Department participated in the Goa Yuwa Mahotsava organized by the Konkani Bhasha Mandal, Goa, held in Bicholim and bagged the Best Institution Award for their participation in the Mahotsava. This award is won by our students for the third consecutive year.

Janet D'Souza, Shraddha Garad, Siddhi Kerkar, Namrata Mopkar and Shweta Parab, students of M. A. Part-I and II, participated in the Kavita Fest, organized by the Kavita Trust, Mangalore, at Barkur, Karnataka.

No. of Radio talks/ TV interview/ Popular articles

P. S. Tadkodkar - 3

Madhavi Sardesai - 4

Prakash Parienkar - 3

## DEPARTMENT OF HINDI

### Faculty

B. K. Sharma Rohitashva, Ph. D., Professor, Modern Poetry, Aesthetics, Comparative Studies, Contemporary Hindi Poetry, Criticism and Indian Literature

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

Ishrat BL Khan, Ph. D., Associate Professor, History of Hindi Literature, Linguistics and Functional Hindi

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

### Major thrust areas of research

Department of Hindi is actively involved in the teaching of courses such as Indian Literature, Functional Hindi, Translation & Mass Media, Comparative Studies, etc. The Department also invites visiting professors from various Universities to deliver lectures in the Department and arranges lectures of Hindi Scholars. The Department annually hosts two National Seminars, workshops, Tulsi evam Premchand Jayanti and observes Hindi Day to create an academic, literary, social and cultural atmosphere in the Department.

The faculty members of the Department have been engaged in publication of research papers in Indian journals, magazines and in editing books. Faculty members have also translated Konkani stories, poetry and essays in Hindi and have published in different magazines/Journals.

### Visiting Scholars

Surya Bala, Mumbai, Samkaleen Hindi Kahani, 1.7<sup>91</sup>July, 2009.

Ramji Tiwari, Mumbai, Goswami Tulsidas ka Samajik Paridrishya, 27th July, 2009.

Satyadev Tripathi, S.N.D.T. University, Mumbai, Samkaaleen Hindi Natak, 3rci August 2009.

Naresh Mishra, Dept. of Hindi, M.D. University, Rohtak, Bhasha: Awadharna avam swarup; Dhvani Parivartan ke karan Rup, Pad, vakya ki paribhasha avam swarup Bhasha aur samaj; Bhasha vaidnyaniko ka Yogdan, Ka mayani Ki Bhasha, 18<sup>th</sup> - 21<sup>st</sup> August 2009.

Suraj Paliwal, Mahatma Gandhi Antarakashtriya Vishwavidyalaya Wardha, Ekkisvi Sadi ki Hindi Kahani, 26th Nov., 2009.

Atui Tiwari, Murnbai, Bhartiya Hindi Cinema ke Badhate Charan, 15th Dec., 2009.

S. K. Mishra, Valiabh Vidya Nagar Gujarat, Nagarjun ki kavita, 27th Jan., 2010.

## Ongoing projects/

completed during June 2009- May 2010

R. N. Mishra, "Antim Dashak ki Hindi Kavita: samvedana Evam Shilp", Two years 2006 - 2008 Submitted in 2009, UGC, New Delhi, Rs. 95,000/-.

No. of Ph. D. awarded : 1

## Placement Details

6 students are working on lecture basis in different degree colleges affiliated to GU, others are working for High Schools and Higher Secondary Schools.

## Other Information

R. N. Mishra

1. Telecast Hindi Varta on 'Jaidev Rachit Geet Govind Ka Madhurya' from All India Radio, Panaji on 26th August, 2009.

Recorded talk on 'Bharateeya Darshanik Dr.Radhakrishnan Varta' at All India Radio, Panaji, on 22<sup>nd</sup> March, 2010.

Vrushali S. **Mandrekar**

1. Translated book 'Katha Darpan' was published by Institute Menezes Braganza on 24<sup>th</sup> Nov. 2009.

Translated stories published in 'Vartaman Sahitya'.

. "Uullaghan" (Sahitya Academy project) submitted to Sahitya Academy after translation from Marathi to Konkani

No. of Radio talks/ **TV interview/ Popular articles**

**R. N. Mishra** - 2.

Translations - 3.

## DEPARTMENT OF MARATHI

### Faculty

S. M. Tadkodkar, Ph. D., Associate Professor & Head -- Old Christian Marathi Literature, Modern Marathi Literature & Literary Criticism.

V. D. Sawant, Ph. D., Associate Professor, Modern Forms of Literature & Literary Criticism.

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

S. S. Umraskar, M. A., Assistant Professor - Medieval Literature & Modern Literature.

### Major thrust areas of research :

The major thrust areas of the research are modern Marathi Literature, Christian Marathi Literature, Marathi Fiction, Goan Marathi Literature and Folklore. Research work is being undertaken in the areas of Science Fiction in Marathi, Goan Marathi Literature, Christian Marathi Literature and Marathi Fiction.

### Other information

#### Awards/Honours conferred

S. M. Tadkodkar was awarded a Gold Medal instituted by Research Line, Indore (a national monthly research journal) for outstanding contribution to literature and research, 2009.

No. of Radio talks/TV interviews/Popular articles S.  
M. Tadkodkar - 1.

## DEPARTMENT OF FRENCH FRANCOPHONE STUDIES

### Faculty:

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

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

Claire Chaize, Masters, Tutor in French - Methodology of Teaching French, French Language and Culture.

Marisa Dlima, M. A., Visiting faculty - French for Hotel and Tourism Industry, Translation.

Maria Theresa Abranches, Masters - Visiting faculty, French language teaching.

### Major thrust areas of research

The Department of French & Francophone Studies has the unique advan-

tage of offering inter-disciplinary programmes that are innovative and utility oriented. The academic programmes at the Department indicate a nuanced thrust on 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 accorded 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. The Faculty of the Department of French & Francophone Studies has also been requested by the Goa Board of Secondary and Higher Secondary Education to lend its expertise to the French Textbook Project for Secondary and Higher Secondary schools with a view to introduce new and innovative ways of teaching the language. The books for Std. VIII and IX are already in use.

The Department of French, in collaboration with the Embassy of France in India, has availed the services of a French tutor who is deputed by the Embassy for one academic year at the University. Fourth such tutor is currently working at the Department.

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

#### Visiting Scholars

Isabelle Taudiere, Former faculty of Advanced Institute of Translators and Interpreters, Paris, France, Workshop on Translation and lecture on "Self Training for Literary Translators", 17<sup>th</sup> - 18<sup>th</sup> Sept., 2009.

Philippe Guinet, Association Passeur des Mots, Silver Jubilee Workshop on Literary theatre "Chorale des Mots", 22nd - 27th Feb., 2010.

Jean-Yves Petitgirard, CUEF, Universite Stendhal, Grenoble -3 (France), "Higher Studies in French Universities", 8th March, 2010.

Guillaume Marbot, University of Rennes, France, "Linguistic and Cultural exchanges with French Universities", 8th March, 2010.

### Other information

#### Fellowship/Visiting Professorship

Anuradha Wagle was invited to participate, with full sponsorship, in the Conference of Teachers of East Asian Countries, held in Taipei, Taiwan, organized by the Association of Teachers of French of Taiwan in collaboration with the French Embassy in Taiwan. She participated in discussions on French Teaching in Asia and represented the Asia Pacific Commission of the FIPF at the Conference.

Arturadha Wagle was invited to participate, with full sponsorship, in the International Conference of Teachers of French of the Latin American countries in Rosario, Argentina, organised by the International Federation of Teachers of French (FIPF) headquartered in Paris (France). She also represented the Asia Pacific Commission at the Executive Committee meeting of the FIPF held during the Conference.

#### Achievements of Staff and

#### students

Anuradha Wagle and Edith Melo Furtado were both awarded the medals of "Chevaliere dans l'ordre des Palmes Academiques". Anuradha Wagle was awarded the medal by His Excellency Jerome Bonnafont, Ambassador of France, in New Delhi on 28th July 2009 and Edith Melo Furtado was awarded the medal by Francois Pujolas, the Consul General for France in Mumbai, in Goa on 2<sup>nd</sup> May, 2010.

Evelyn Fernandes, student of MA French was awarded an assistantship to the Academy of Bordeaux (France) from Sept., 2010 to April 2010.

## DEPARTMENT OF PORTUGUESE

### Faculty

Delfim Correia Da Silva, Lecturer, In charge

### Highlights of major achievements

Patricia Vieira, Assistant Professor at the Department of Spanish and Portuguese, Georgetown University, U.S.A., delivered a talk titled "Contemporary Literature in Portuguese: History, Memory and Utopia" held in Goa University.

### Conference on Portuguese Literature and Culture

The Department of Portuguese, in collaboration with CLP/Instituto Cambes, Panjim, organised conferences on Portuguese Culture.

Miguel Real, renowned Portuguese writer, whose work comprises essays, novels, theatre and philosophy, delivered a talk titled "A Filosofia da Saudade no Seoul XX," followed by a second conference in English on "Manuel Alegre's and Jose Saramago's Camoes: Recovery and Disassemblage of a Myth" delivered by Manuel Ferro, Professor of Compared Literature and a

research scholar of Centro Interuniversitario de Estudos Camonianos from *University of Coimbra*.

The exhibition *0 que é o Teatro?*, an initiative of Centro de Lingua Portuguesa/ Institut° Camoes in collaboration with Department of Portuguese, Goa University, was opened to the public from 6th - 14th Nov., 2009 at the premises of CLP/ Institut° Cambes, Panjim. Paulo Neves Pocinho, Consul General of Portugal in Goa inaugurated the exhibition, after which a talk titled "The influences of European theatre on Goan *Tiatr*" was delivered by Dr. Rafael Fernandes, Associate Professor, Department of English, Goa University.

"0 que é o Teatro?" is an exhibition featuring by 25 paintings, organized by Maria Joao Brilhante, Director of Teatro D.Maria II, Lisbon, depicting, through pedagogical material like didactic texts, photography and illustrations, the development of theatre from the ancient Greece to the present times, interpreters, authors, texts, the public, the social aspects and the places of presentation.

The Department of Portuguese, in collaboration with CLP/Instituto Camoes in Panjim, organized a Reading Session on 18th March, 2010 at Goa University with the special participation of Jose Luis Peixoto, a young Portuguese writer, winner of the Jose Saramago Literary Award in 2001. Around 40 students and teachers of different Departments read poems in Portuguese, English, Konkani, Hindi, Marathi, French and Persian.



## 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.) (M.A.,
Centre for Latin American Studies	M.Phil., Ph.D.)
Centre for Women's Studies	

#### FACULTY BOARD

Dean of Faculty	<i>Chairman (ex officio)</i>
A. V. Afonso	<i>Member (ex officio)</i>
V. Shivkumar	<i>Member (ex officio)</i>
G. Somyaji	<i>Member, (ex officio)</i>
P. R. Kamat	<i>Member (ex officio)</i>
S. M. Noronha	<i>Member (ex officio)</i>
A. Fernandes	<i>Member (ex officio)</i>
P. K. Sudarsan	<i>Member</i>
M. Desai	<i>Member</i>
M. K. Thakur	<i>Member</i>
R. V. Nair	<i>Member</i>
A. Gangopadhyay	<i>Member</i>

**DEPARTMENT  
OF  
ECONOMICS**

Faculty

S. M. Noronha, Ph. D., Associate Professor (on sabbatical leave from 1st Jan.,2009 - 31st Dec.,2009) - Labour Economics, Industrial Relations, Development Economics.

P. K. Sudarsan, Ph. D., Associate Professor & Head - International Economics, Economic Theory, Applied Economics.

P. Mukhopadhyay, Ph. D., Assistant Professor - Macroeconomics, Growth & Environment).

Temporary Faculty:

M. D. Aiholi, M. A., Assistant Professor - Labour Economics, Industrial Economics, Financial Economics.

**Major thrust areas of research**

The major thrust areas of research in the department are Labour, Environment, Development and International Economics. Faculty members have been contributing in their respective fields of specialisation through presentation and publication of research papers.

**Ongoing Projects completed during June, 2009 - May, 2010**

• P. K. Sudarsan, Financing of University Libraries In India: An Empirical Study, April, 2009, 2 years, UGC, Rs. 4,29,200/-.

**No of Ph. D.s awarded: 1.**

**Other information**

**Fellowship/ Visiting Professorship, etc.**

Pranab Mukhopadhyay received the Karl Goran-Mater scholarship to visit the Royal Swedish Academy of Sciences, Stockholm (Oct.-Nov., 2009).

Technical **Reviewer:** Journals: Proceedings of the National Academy of Sciences (PNAS), and Journal of Social and Economic Development.

Nominated: Member, Executive Committee of the Indian Society for Ecological Economics.

## DEPARTMENT OF HISTORY

### Faculty

Pratima P. Kamat, Ph. D., Professor and Head — Indo-Portuguese History and Maritime Studies

N. Shyam Bhat, Ph. D., Associate Professor — History of Modern India, History of South Kanara, and 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 and Maritime History

### Major thrust areas of research

The faculty members of the Department have been actively involved in research and publications in their respective areas of specialisation. They have published their research in journals, both within the country as well as abroad. This has helped strengthen the Department's academic contribution to its thrust area, viz., indo-Portuguese History and Maritime Studies.

### Visiting Scholars

Swapnil Naik, Department of History, Goa University, Tourism in Goa: Issues and Concerns, 19 Oct., 2009

Dattaram Dessai, Goa University, People's Movement in Post-Colonial Goa, 25th March, 2010.

Seema Risbud, Goa University, Goa's Struggle for Freedom, 1946-1961, 27th March, 2010.

### Ongoing Projects / completed during June, 2008 - May, 2009

N. Shyam Bhat, "The Historical Interface: Human World and Environment on the Western Coast of India (With special reference to Goa and Coastal Karnataka)", 13th March, 08 (From 1st April, 2008 - 31<sup>st</sup> March, 11), U.G.C., Rs. 4,05,280/-

### Other information

Parag D. Parobo delivered talk on the theme "Cultural History of Goa" for Fulbright Scholars of the State University of New York, USA, during the interaction organised by Centre for Latin American Studies, Goa University on 25th January 2010.

Parag D. Parobo participated in one day workshop on the theme of "Assessing Knowledge Text Translations in Konkani Language" organised by National Translation Mission, Central Institute of Indian Languages, Ministry of Human Resource Development, Department of Higher Education, Government of India, Mysore, held at Fr. Agnel College, Pilar on 28 January 2010.

**DEPARTMENT  
OF  
PHILOSOPHY**

Faculty

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

Sanjyot D.Pai Vernekar, Ph. D., Associate Professor — Applied Ethics

U. A. Vinaya Kumar, Ph. D., Associate Professor — Indian Metaphysics, Indian Logic, Epistemology, Existentialism

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

Koshy Tharakan, Ph. D., (On Lien)

Major thrust areas of research

A. V. Afonso, engaged in research in the area of "Hermeneutics as Method" as part of "Modes of Philosophical Reasoning" project.

Sanjyot D. Pai Vernekar, engaged in research on "The Spiritual Aspects in the Thought of Shri Aurobindo."

U. A. Vinaya Kumar: Metaphysical Synthesis of Major World Religions—A Project titled "Synthesis of World Religions: On Constructing General Metaphysical Structure."

Milan Desai, engaged in research on "Scientific Basis of Mantras." Is also presently engaged in study of "Philosophy of Science and Commensurability Thesis."

**DEPARTMENT  
OF  
POLITICAL  
SCIENCE**

Faculty

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

Prakash Desai, Ph.D., Assistant Professor — Political Theory, Democratic Politics in India.

Alaknanda Shringare, Ph.D., Karnatak University, Dharwad, Assistant Professor (on contract) — Coalition Politics, Gender, Democratic Governance.

Major thrust areas **of research and achievements**

The Department maintained its focus on International Relations, South Asia and Goa as part of its teaching, research and seminar activity. The department faculty engaged with the leading global and national scholarship on International Political Economy with the purpose of creating a community of South Asian scholars on the area. It also took the lead in organising a conference on 'Dayanand Bandodkar and his ideas', and seeks to develop a research program on the significance of the Bandodkar era for Goa's contemporary political economy.

Other information

Rahul Tripathi was selected as a member of the International Studies Association, USA.

Prakash Desai delivered a series of lectures as a resource person for the Orientation Programme for the Academic Staff College, Karnatak University, Dharwad.

Alaknanda Shringare, in collaboration with MES College, Vasco, organised UGC sponsored workshop on "Capacity Building of Women Managers in

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## **DEPARTMENT OF SOCIOLOGY**

### Faculty

Ganesha Somayaji, M.A. Ph.D., Associate Professor & Head — Sociology of Food, Sociology of Language, and Social Theory.

Alito Siqueira, M.A., Associate Professor -- Social Research Methods, Tourists and Tourism, Sociology of Religion.

Joanna P. Coelho, M.A., Ph.D., Assistant Professor — Sociology of Language, Indian Diaspora, and Sociology of Indian Society.

### Major thrust areas of research and achievements

Goa is the thrust area for the research activities of the Department. The various areas of interest for the faculty are: 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 organization 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 use the Department in mutually enriching exchanges.

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### Faculty

Aparajita Gangopadhyay, Ph. D., Assistant Professor — Latin American Political Economy & International Relations.

Dattesh D. Parulekar, M.A., Assistant Professor — International Organization.

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

### Major thrust areas of research and achievements

The Centre has been actively engaged in different programmes besides teaching and research activities. A number of academic talks and round table discussions were organized by and at the Centre over the past year.

The Centre continued its tradition of organizing a day long academic function for the 46th course organized by the Foreign Service Institute of the Ministry of External Affairs, Govt. of India, New Delhi.

The Centre also organized a distinguished lecture in collaboration with the UGC Nehru Centre by Ambassador Lalit Mansingh, former Foreign Secretary, MEA, Govt of India.

The Centre also organized a number of programmes in collaboration with the American Center Mumbai on Sexual Harassment in Academic and Workplaces as well as an academic interaction on Goa for visiting Fulbrighters from the USA, in January 2010.

The Centre also organized a National Seminar on Contemporary *Latin America and the Caribbean* Recent Developments *in the Region*. The faculty members of the Centre are actively involved in extension activities which include public lectures and special tutorials for students appearing for NET/SET examinations.

#### Visiting scholars

Ambassador Lalit Mansingh, former Foreign Secretary, Govt. of India, Ministry of External Affairs, Public Diplomacy Division, "India's Foreign Policy in the 21st Century," 29th March, 2010.

#### Placement Details

One student is working with Air India in New Delhi and one is working with

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#### Faculty

S. Desouza, Ph. D., Asst. Professor (Incharge) — Gender Studies, Health / Empowerment

#### Highlights of major thrust areas of research and achievements

The Centre for Women's Studies was involved in policy planning for women in the state of Goa through its association with the Goa State Commission for Women(GSCW) from December 2006 - December 2009. Faculty of the CWS was appointed member of GSCW. Through its involvement with the GSCW, the CWS has collaborated with the Goa Police to start a helpline (1097) to address the issue of molestation of girl student on buses and other issues related to violence against women in Goa. The CWS also prepared a simplified version of the Protection of Women from Domestic Violence Act 2005 that was printed and disseminated through public programmes organised by the GSCW all over Goa.

The CWS was awarded a UGC major project that studied the links between tourism related development practice, nutritional entitlement of women and the consequent impact on their health. The research project was completed in August, 2009.



The CWS has been awarded Rs. 5,00,000/- p.a. (Rupees Five Lakhs per annum in the Eleventh Plan Period) under the UGC scheme for Women's studies.

The CWS has been pursuing its proposal to the Government of Goa for development into an Advanced Centre for Women's Studies with the aim to reach out to a wider cross section of the Goan society, develop a teaching programme at the CWS as well as to include a variety of training programmes as a step towards the National goal of Women's Empowerment.

#### Ongoing Projects / completed

Shaila Desouza, Development, Tourism and Nutritional Transition in Goa, 2007 (3 years) Report submitted in August, 2009, UGC, Rs. 4,49,280/-.

#### Other information

1. Shaila Desouza, Guided Deborah Menezes, on a Dempo Trust Project on Women's Empowerment.
2. Guest Lecturer at the Don Bosco College on the topic "Women's Issues: Rights and Reform" as part of the Gender Studies Course for students of Mass Media on 3<sup>rd</sup> Feb., 2010.
3. Judge at the all Goa Paper Presentation Competition in Arts and Humanities Category held at the Birla Institute of Technology and Science( BITS) Pilani - Goa Campus on 4th Feb., 2010.
4. Resource person at the UGC Certificate Course in Human Rights organised by Govt. College of Arts and Commerce, Quepem on 3<sup>rd</sup> Sept., 2009;

## 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 Earth Science	(M. Sc., Ph. D.)

#### FACULTY BOARD

Dean of Faculty	<i>Chairman (Ex officio)</i>
J. B. Fernandes	
A. V. Salkar	Member
S. P. Kamat	Member
V. P. Kamat	<i>Member</i>
P. R. Sarode	<i>Member</i>
J. A. E. Desa	<i>Member</i>
G. M. Naik	Member
U. Subramaniam	<i>Member</i>
A. G. Dessai	<i>Member</i>
K. Mahender	<i>Member</i>
A. A. A. Viegas	<i>Member</i>
P. R. Rao	<i>Member</i>
V. V. Kamat	<i>Member</i>
Y. Pinto	<i>Member</i>
A. J. Jayanthan	<i>Member</i>
Y. S. Valaulikar	<i>Member</i>
T. A. Vishwanath	<i>Member</i>

## DEPARTMENT OF CHEMISTRY

### Faculty

K. S. Rane, Ph. D., Professor — Solid State Chemistry

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

S. P. Kamat, Ph. D., Professor — Synthesis of Natural Products

A. V. Salker, Ph. D., Professor and Head — Catalysis, Solid State Chemistry, Environmental Chemistry and Chemical Sensors

V. P. Kamat, Ph. D., Associate Professor — Organic Synthesis and Medicinal Chemistry

S. G. Tilye, Ph. D., Associate Professor — Synthetic Org. Chemistry

B. R. Srinivasan, Ph. D., Associate Professor — Synthetic Chemistry

R. N. Shirsat, Ph. D., Associate Professor, — Computational Chem.

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

V. M. S. Verenkar, Ph. D., B.Ed., Assistant Professor — Solid State Chemistry

B. Das Gupta, Ph. D., Assistant Professor — Theoretical Chemistry

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

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

Witty D'Souza, Ph.D., on contract

Shweta Verlekar, M. Sc., on contract

### Major thrust areas of research and achievements

1. Newer methods of chemical synthesis of inorganic and organic materials.
2. Solid state chemistry and catalysis
3. Electrochemistry
4. Synthesis of natural products and polymers
5. Green chemical processes
6. Synthesis and applications of nanomaterials
7. Coordination and bioinorganic chemistry

Faculty members of the department have been 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 metals and metalsulfido compounds.

d) Development of an efficient two step general procedure for the synthesis of avenanthramides and long chain alkyl hydroxycinnamates.

e) Preparation of mixed metal transition oxides which shows high sensitivity & selectivity for ppb level gases such as H<sub>2</sub>S, NH<sub>3</sub> etc. at room temperature.

f) Domino reaction, green synthesis, asymmetric synthesis and application of new components in organic synthesis.

g) Synthesis of new monomers and polymers and successfully tested them as solid state nuclear track detectors.

h) Designed improved synthetic strategies to obtain nano size titania.

i) Oxidative organic transformations using transition metal coordination compounds. Synthesis of ligands and metallation.

j) Isolation and structure elucidation of secondary metabolites from marine organisms.

#### Visiting Scholars

Aurelie Bessiere, ENSCP, France, Photoluminescence in medical applications, 14<sup>th</sup> Sept., 2009.

I. N. Namboothiri, Indian Institute of Technology, Mumbai, Synthesis of fused and functionalized heterocycles from nitro compounds via Michael Addition and cycloaddition, 18<sup>th</sup> Sept., 2009.

Radek Messias de

Braganza, R & D Officer, Bio Composites Centre, Bangor University, UK, Bio Composites, 22<sup>nd</sup> Jan., 2010.

Narshinha Panditrao Argade, National Chemical Laboratory, Pune, Synthesis of natural product using enzyme catalysis, 26<sup>th</sup> Feb., 2010.

Shubhangi B. Umbarkar, National Chemical Laboratory, Pune, Synthesis of novel catalysts for organic transformation and environmental catalysis, 30<sup>th</sup> April, 2010.

#### **Sponsored Research Projects sanctioned between June, 2009 - May, 2010**

S. G. Tilve, Designing, synthesis and application of organo catalyst, DST, 37 lakh.

V. S. Nadkarni, Development of solid state nuclear track detectors for charged particle dosimetry, July 2009, BARC, Mumbai, 24.95 lakh.

S. N. Dhuri, "Non-herrie ligands ..... catalytic reactions", 25<sup>th</sup>

two years, UGC, New Delhi, 1.5 lakh.

Ongoing projects / completed **during June 2009 - May 2010**

**S. G. Tilve**, Synthetic studies in bioactive marine natural products and their analogues, 14.26 lakhs.

S. G.Tilve, Domino Wittig DieIs-Alder reactions, 4.77 lakhs.

A. V. Salkar, Nanostructured based catalysts, UGC, New Delhi, 6.36 lakhs.

#### Infrastructure

Department of Chemistry has several advanced equipments for research and the Department is supported by UGC-SAP and DST-FIST programs.

List of instruments available in the Department:

1. FT-IR spectrophotometer (2)  
(Shimadzu: IR-Prestige-21 and FTIR8101A)
2. UV-Visible Spectrophotometer  
(Shimadzu: Uv-2450)
3. CHNS Elemental Analyser  
(Elementar)
4. TG-DSC (NETZSCH: STA 409 Pc  
Luxx)
5. HPLC (JASCO: PU-2080 Plus)
6. G C
7. Flash Chromatography (Combi  
Flash, Companion)
8. LCQR meter
9. Hysteresis loop tracer
10. Two and four probe electrical  
conductivity
11. Microwave oven for synthesis
12. X-ray powder diffractometer
13. Surface Analyser

14. Several minor equipments No\_

of Ph. Ds awarded : Nine. Fellowship /

Visiting Professorship, etc.

B. R. Srinivasan visited Indian Institute of Technology, Kanpur, under DST-SERC visiting fellowship during Dec., 2009.

S.N.Dhuri was invited as visiting Scientist at Ewha Women's University, Seoul, South Korea.

Other information

Am it Vernekar, Shweta Singh, Richa Sardessai, Sneha Naik, Daniel Coutinho, Vipu I Betkekar, Prajesh walwaikar, Sager Path I and Sonam Pilgaokar, students of Department of Chemistry cleared UGC/CSIR NET June, 2009- May, 2010,

**DEPARTMENT  
OF  
COMPUTER  
SCIENCE  
TECHNOLOGY**

Faculty

R 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 & CAD, Software Engineering.

J. D. Pawar, M.C.A., Ph. D., Associate Professor — Data Structures, Data Mining.

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.

S. Baskar, M. Sc., Associate Professor — Artificial Intelligence, Compiler, Energy aware Computing & Embedded Systems.

**Major thrust areas of research**

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

**Visiting scholars**

Naresh Jain, Industrial Logic, Extreme Programming, 16<sup>th</sup> April, 2010.

Saurabh Arora, Direct, Refactoring, 16<sup>th</sup> April, 2010.

Narayan Raman Sahi, Sahi Web Testing Tools, 16<sup>th</sup> April, 2010.

Rahul Dandekar, IBM certification in Sept., 2009.

**Ongoing projects/Completed during June 2009 — May 2010**

Venkatesh Kamat, PGDCET:1CT training for School Teachers, June, 2008, 2 yrs, Govt. of Goa, 130.00 lakhs.

Venkatesh Kamat, MODROB: Modernization and Removal of Obsolescence, June, 2008, 2 yrs, AICTE, 8.00 lakhs.

P. R. Rao, Design, Implementation & Extension of Data Mining Techniques for semi structured data & their applicability, 1st August, 2006, 3 years, AICTE, Rs. 7 lakhs.

. Jyoti D. Pawar & P.R. Rao (co-PI), Design & Implementation of a S/W package for Efficient Data Mining in High Dimensional data sets using Attribute (column) based Storage Representation (D.M for H.D data sets), 27<sup>th</sup> August,



| 2007, 2 years, AICTE, Rs. 5.7 Lakhs.

Jyoti D. Pawar, Ramdas Karmali (co-PI), Chandralekha D'Souza, Dept. of Konkani (co-PI), Parallel Corpora Development for Konkani under the Indian Language Corpora Initiative (ICI), February 2009, 2 years, DIT, Rs. 23 lakhs.

#### Placement details

18 out of 29 were employed with minimum salary of Rs. 10,000/- per month and maximum salary of Rs. 4 lakhs per year.

Other special achievement by students/staff.

- i) Yma Pinto, Cambridge Certification for Teachers - Professional (Distinction).
- ii) Dale Cargill "High Impact Teaching Skills."
- iii) V. V. Kamat, R. Wagh, Y. Pinto, Mission

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## DEPARTMENT OF EARTH SCIENCES

#### Faculty:

A. G. Dessai, Ph.D., Professor & Head - Igneous Petrology, Economic Geology.

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

A. G. Chachadi, Ph. D., Associate Professor - Groundwater, Environmental and Exploration Geophysics.

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

A. A. A. Viegas, Ph. D., Assistant Professor Igneous Petrology, Remote Sensing

#### Major thrust areas of research

K. Mahender: Major part of the work proposed for the current year as a part of DRS-II program of UGC-SAP has been completed with the preparation of digital data of Goa for drainage, geology and village boundaries.

#### Ongoing projects/completed during June **2008 - May 2009**

K. Mahender, Multimedia Field Guide Preparation on Sedimentary Facies of Kutch Basin, June, 07, DST, New Delhi, sponsored project, Rs.7.17 lakhs.

**DEPARTMENT  
OF  
MATHEMATICS**

Faculty

A. J. Jayanthan, Ph. D., Associate Professor & Head - Knot Theory, topology  
Y.S. Valaulikar, Ph.D., Associate Professor - Ordinary and Delay Differential Equations  
A. N. Mohapatra, Ph.D., Associate Professor - Operator theory  
Manvendra Tamba, Ph.D., Assistant Professor - Lie Algebra/Number theory  
M. Kunhanandan, M.Sc., Assistant Professor - Analysis

**DEPARTMENT  
OF  
PHYSICS**

Faculty

P. R. Sarode, Ph.D., Professor - Solid State Physics: Structural Properties of Solids by X-ray Spectroscopy - XANES, EXAFS.  
J. A. E. Desa, Ph. D., Professor & Head - Solid State Physics: Structures of Glasses and Disordered Materials, Neutron Diffraction.  
U. Subramanian, Ph. D., Associate Professor- Solid State Physics: Optical and Electrical Properties of Materials.  
R. B. Tangsali, Ph. D., Associate Professor - Solid State Physics: Transport and Magnetic Properties of Materials, Nanomaterials.  
R. V. Pai, Ph. D., Associate Professor - Theoretical Solid State Physics: Cold Atoms.  
K. R. S. Priolkar, Ph. D., Assistant Professor - Solid State Physics: Shape Memory Alloys, EXAFS, and Neutron Diffraction.

**DEPARTMENT  
OF  
ELECTRONICS**

Faculty:

G. M. Naik, Ph.D., Professor and Head - Laser & Fiber Optics Systems, Sensors, Instrumentation.  
R. S Gad, Ph. D., Sr. Lecturer - Biomedical Electronics and VLSI  
J. S. Parab, Lecturer - Embedded Systems and DSP

**Major thrust areas of research**

The UGC has sanctioned with major research projects in the area of embedded systems and signal processing. Faculty is also involved with USIC for digitization of Indian Navy aircrafts and digital repositories. Altera, USA is collaborating with electronics program for development of embedded technologies.

**List of Visiting Scholars invited to deliver special lectures**

**Sheshu** Pendyla, Intel Pvt.ltd, EDA Tools and Design, 30th Dec., 2010.

Sponsored Research Projects sanctioned between June 2009 - May 2010

G. M. Naik and R. S. Gad, Design of Hyper Spectral Smart Sensors, Mar.2010, UGC, 9.27 lakhs.

R. S. Gad and G. M. Naik, Non-invasive Glucometer, March, 2010, ICiVIR, 22 lakhs.

Ongoing Projects/completed during June, 2009 - May, 2010  
G. M. Naik, Innovative Program in Embedded Systems, 1st April, 2007 Duration: 5 years, UGC, 75 lakhs.

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Ph. D awarded: 1.

**UNIVERSITY  
SCIENCE  
INSTRUMENTATION CENTRE  
(USIC)**

Faculty

G. M Naik, Ph. D, Professor and Head (part time) — Laser & Fiber Optics Systems, Sensors, Instrumentation

Major thrust areas of research

The centre has successfully completed Indian Navy Digitization of Air Publication pilot project and based on the knowhow, phase I project for digitization of D3rnier aircraft has been sanctioned.

## 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 Science	(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	<i>Chairman (ex officio)</i>
U. Barros	<i>Member</i>
Bhat D. J.	<i>Member</i>
A. B. Shanbag	<i>Member</i>
G. N. Nayak	<i>Member</i>
P. V. Desai	<i>Member</i>
S. Bhosle	<i>Member</i>
U.M. X. Sangodkar	<i>Member</i>
V.U. Kerkar	<i>Member</i>
U. D. Muraleedharan,	<i>Member</i>
S. Upadhyay	<i>Member</i>
S. Garg,	<i>Member</i>
I. K. Pal	<i>Member</i>

**DEPARTMENT** Faculty:**OF  
BOTANY**

M. K. Janarthanam, Ph. D.,

D. J. Bhat, Ph. D., Professor - Mycology, Microbial Diversity, Plant Pathology.

Prabhat K. Sharma, Ph. D., Professor &amp; Head- Plant Physiology &amp; Biochemistry Plant Molecular Biology and Genetic Engineering.

Professor - Plant Taxonomy (Angiosperms).

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

Vijaya U. Kerkar, Ph. D.,

Associate Professor - Algae and Pteridophytes.

S. Krishnan, Ph. D., Assistant Professor - Plant Histochemistry, Tissue Culture, Molecular Biology &amp; Genetic Engineering.

Nandkumar M. Kamat, Ph. D., Assistant Professor - Taxonomy and Biology of Actinomycetes Yeasts and Basidiomycetes, Environmental Education, Science Popularisation.

## Major thrust areas of research

a) Cataloguing, Taxonomy, Biodiversity and Bio-prospecting (antibiotics, enzymes, organic acids) of Micro- and Macro-fungi, Actinomycetes, yeasts Algae and higher plants (general and medicinally important) of Goa and neighbouring regions.

b) Isolation, identification and inoculum production of Ectomycorrhizal and AM fungi.

c) Identification of potentially useful native plants for revegetation of mine wastelands.

d) Documentation, tissue culture propagation, molecular characterisation and developmental biology of medicinal plants of Western Ghats in Goa.

e) Rice grain quality evaluation and enhancement of grain-filling.

f) Photosynthesis and stress physiology of higher plants and algae. g) Successful production of fruit wines, oyster mushrooms, screening of

actinomycetes for antibiotics and basidiomycetes for phosphate solubilization.

h) Addition and maintenance of fungus culture collection.

i) Work on grass flora of Goa.

## Major achievements

Revised M. Sc. Syllabus - 2010. Development and implementation of Credit based programme

Awarded UGC-SAP DRS II - 2009-2014

Award of a Women's Scientist

Organised 'Biodiversity Awareness Workshop in collaboration with Goa Union of Journalists'.

Conducted a National Seminar on 'Fungal Biodiversity & Bioprospecting in  
the Age of Global Warming and 36<sup>th</sup> Annual Meeting of Mycological Society  
of India'.

## Visiting Scholars

Prof. Govindjee, "Photosynthesis and its importance", 4<sup>th</sup> Feb., 2009.

Baban Ingole, NIO, Dona Paula, "Seaweeds and Mangroves", 19<sup>th</sup> Sept., 2009.

D. D. Deobagkar, Pune University, " Opportunity and Pleasure of doing Science, 4th August, 2009.

Phil Harris, Weed or Resource? The International spread and exploitation of Prosopis, 25<sup>th</sup> Sept., 2009 Coventry University, U.K., Plant Biotechnology, August, 2009..

Satish Kumar, Orchids, Tropical Botanic Garden & Research Institute, Palode, Thiruvananthapuram, Orchids, 4<sup>th</sup> Dec., 2009.

P.V. Sane, Former Director NBRI, Lucknow, Principal Advisor, Agri Biotech R & D Jain Irrigation, Systems Ltd., Jalgaon, Maharashtra, Glimpses of Research and Development in Agricultural Biotechnology at Jain Irrigation Systems Ltd., Jalgaon, 12<sup>th</sup> Feb., 2010.

Louise Anderson, University of Illinois, Chicago, "Enzyme-enzyme interaction in the chloroplast", 25<sup>th</sup> Feb., 2010.

P. Dayanandan, Madras Christian College Tambaram, Chennai, India, Darwin Bicentenary: The Grand Unification of Biodiversity, 23<sup>rd</sup> March, 2010.

Sponsored Research Projects sanctioned **between June, 2009 - May, 2010**

P. K. Sharma, "Behavior of engineered nanoparticle on interaction with plants roots, their absorption, translocation, photosynthesis and molecular response under controlled conditions in hydroponics system", Apr., 10, 3years, DST New Delhi, Rs. 31,00,000/-.

S. Krishnan (PI), "Grain Quality Evaluation, Chalkiness Formation and Molecular Genetic Diversity of Rice Varieties of Goa," 19<sup>th</sup> March, 10, 2 years, Department of Science, Technology & Environment, Goa, 5.5 L.

Nandkumar Kamat, "Creating wealth from mining waste:Towards ecofriendly and sustainable management of Goa's Iron and Manganese ore reject dumps", 18<sup>th</sup> Nov., 09, two years (extendable), M/s R. N. S. Bandekar & Bros., Vasco da Gama, 15.76 lakhs

Ongoing Projects/Completed during June, 2009 — **May, 2010**

D. J. Bhat, "AICOPTAX on Fungi", 2000-12, MoEF, New Delhi, Rs. 5,85,650/- for 2009-10.

D. J. B hat, "Culture Extracts of fungi from aquatic, litter, endophytic, coprophilous habitats for screening of sec metabolites", 2002-12, CSIR, New Delhi, Rs. 5,55,335/- for 2009-10.

P. K.Sharma, "Photochemical and biochemical analysis of Garcinia indica with reference to its anti-oxidant activity under in vitro conditions," 2007, 3 years, CSIR, N. Delhi, Rs. 18,00,000/-

M. K. Janarthanam (PI) and S. Krishnan (Co-pi), *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, New Delhi, Rs. 48.45 lakhs.

B. F. Rodrigues, "Regeneration of *Trema orientalis* and *Macaranga peitata* plants using *in vitro* culture techniques.", 2 years, Sociedade de Foment<sup>o</sup> Ind. Pvt. Ltd., Rs. 6,22,380.

Vijaya U. Kerkar, "Monitoring and surveillance of harmful algal blooms", Ministry of Earth Sciences, New- Delhi, Rs. 24.96 lakhs.

S. Krishnan (PI), "Histochemical, Biochemical and Tissue Culture Studies of Garcinia indica Choisy (Kokum)", 21st Sept., 07, 3 years, Council of Scientific and Industrial Research, New Delhi, Rs. 18.00 lakhs.

Rupali Bhandari, "Role of UV-Babsorbing Mycosporine like amino acids (MMS), Sigtonemin and



phenolic compounds (Flarionoids) due to UV-B exposure in cyanobacteria with reference to over expression of junction", (3 Years) Department of Science and Technology, New Delhi, Rs. 18,91387/-

**No. of Ph. Ds awarded:** 3.

**Other Information:**

S. Krishnan, member of Expert Committee for conduct of Viva-Voce examination of Limaye Abhijit Surendra, thesis titled "Assessment of Some Species of *Adiantum* with Reference to Secondary Metabolites, Amylase Inhibitors and Antioxidants" at Department of Botany, Pune University, Pune, 22" Dec., 2009.

**Awards/Honours conferred**

Best Poster Award co-authored along with Seema Dessai at National Conference on "Biodiversity Conservation in India: Status and Approaches", Organized by Gopalkrishna Gokhale College, Kolhapur and Indian Women Scientists' Association (IWSA), Kolhapur Branch, (2010).

Best Poster Award co-authored along with James Dsouza at National Conference on "Microbial Inoculants" jointly organized by Government. College of Arts, Science and Commerce, Quepem, Goa and NIO, Dona Paula, Goa (2010).

**Fellowship/Visiting Professorship, etc**

B. F. Rodrigues attended "International Training on *in vitro* culture of AMF", held in Departement de chimie appliquee et des bio-industries Unite de microbiologie, Universite catholique de Louvain (UCL), Louvain-la-Neuve (April 2010).

**Special achievements by students/staff**

To create awareness during International Year of Astronomy-2009, N. M. Kamat completed his pioneer series of 12 articles on "Archaeoastronomical Heritage of Goa" in Goa Today monthly in Dec., 2009 and began another series "Biodiversity Heritage of Goa" from January 2010 to highlight the International Year of Biodiversity; Also opened a webportal on Term itophilic mushrooms accessible at <http://www.kamat-termitomycopediablogspot.com>;

N. M. Kamat was appointed i) on the Executive Committee of Mineral Foundation of Goa in September 2009. He was also appointed as a member of State Audit Advisory Board, Maharashtra and Goa, by Indian Audit and Accounts Dept. of the Principal Accountant General (Audit) of Maharashtra, Oct., 2009,ii) Member of the Expert Committee for the preparation of training modules for officers, staff and various stakeholders under Biodiversity Act 2002, National Biodiversity Authority, Government of India, MOEF, Chennai, Feb., 2010; iii) Member, Expert Panel on Western Ghats chaired by Padmabhushan Prof. Madhav Gadgil, Ministry of Environment and Forests, Govt. of India, March 2010; Chairman, Task Force Committee to prepare a welfare scheme for Goa's traditional occupations, Directorate of Social welfare, Govt. of Goa, March 2010.

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

N. Kamat, contributed 30 articles in Marathi, 120 in English.

**DEPARTMENT  
OF  
MARINE  
SCIENCE**

Faculty

G.N. Nayak, Ph.D., Professor - Marine Geology, Modern Sedimentology, Sediment Geochemistry Environmental Studies.

H. B. Menon, Ph. D., Professor & Head Physical Oceanography, Remote Sensing, Marine Optics, Radiative Transfer Modeling.

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

V. M. Matta, Ph. D., Associate Professor - Marine Chemistry, Marine Pollution, Seaweed Chemistry.

C. U. Rivonkar, Ph. D., Associate Professor - Marine Ecology, Fisheries

Aftab Can, Ph. D. & M. Tech., Assistant Professor - Physical Oceanography & Meteorology, Remote Sensing.

Major thrust areas of research

Physical Oceanography (i) Optical Remote Sensing, Marine Optics, generation of inherent and apparent optical properties, algorithm development for retrieval of colour components from optically complex case II waters - coastal and estuarine waters, radiative transfer modeling of visible spectrum of electromagnetic radiation, identification of perennial source CO<sub>2</sub> through optical remote sensing, atmospheric optics, aerosol characterization, effect of aerosol on climate, aerosol radiative forcing, atmospheric correction of ocean colour monitor and MOMS data, synoptic analysis of aerosol through satellite data. Satellite Oceanography and Meteorology, air-sea interaction and genesis of water masses, ocean circulation. --

Marine Chemistry: Biogeochemical cycling of nutrients and trace metals in estuaries and adjoining coastal waters, process of transfer of elements from dissolved to particulate fraction, impact of pollutant (mining, sewage and industrial) on water quality, sediment composition and biota in estuaries and adjoining coastal waters, speciation of some minor elements to understand dominant fraction of the total element, Sorption modeling of trace metals.

Marine Biology : Marine demersal fish biodiversity assessment, community structure, trophic dynamics and ecosystem function, database and photo documentation of demersal fish communities in coastal waters.

Marine Geology; Coastal and estuarine sediment characterization, coastal morphology and dynamics, coastal zone management, impact of mining on lacustrine and estuarine sedimentary environment - suspended and bed-load sediments, geochemistry of lacustrine and 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.

Visiting Scholars:

Mangesh Gauns, NIO, Donapaula - Goa, The Ecological Role of Microzooplankton in the Microbial Loop of the Arabian sea, 30<sup>th</sup> Nov., 2009.

Ongoing projects /

R. N. Vinayachandran, Indian Institute of Science, Bangalore, The Indian Ocean Exploration using an Ocean General Circulation Model, 28<sup>th</sup> Jan., 2010.

Peter Koeller Scientist, Emeritus, Bedford Institute of Oceanography, Dartmouth, The Potential of Remote Sensing in Fisheries Stock Assessment and Management, 24<sup>th</sup> Feb., 2010.

S. W. A. Naqvi, Senior Scientist, NIO, Donapaula, Carbon Dioxide Sequestration by the Ocean - Natural and Human Induced, 24<sup>th</sup> March, 2010.

Completed during May 2009 - June 2010.

G.N. Nayak PI, Reading pollution history, paleoclimate and sea level changes from the study of mudflats Central West Coast of India, April, 2008, Ministry of Earth Sciences, Govt. of India, New Delhi, 3 years, Rs. 61,75,000.

H.B. Menon - PI, Variability of remote sensing reflectance and its implication for colour component analysis. A study in the estuarine and coastal waters of eastern Arabian Sea, 4<sup>th</sup> Jan., 2008, INCOIS, Rs. 78,38,000.

H. B. Menon- PI, Validation of OCM-II derived Geophysical products of inland waters of Goa eastern Arabian Sea, 12<sup>th</sup> Nov., 2008, ISRO, SAC, Rs. 28,99,840/-.

H. B. Menon- PI, Aerosol radiative forcing over India, 24<sup>th</sup> Feb., 2009, ISRO, IGBP, Rs. 25,00,000-

H. B. Menon- PI, Bio-optical properties of coastal waters off west coast for modeling illumination and retrieval of ocean colour components through OCM onboard IRS-P4, 2<sup>nd</sup> March, 09, NRB, Rs. 46,85,400/-

H. B. Menon, Waste assimilative capacity of selected Indian coastal waters through optical remote sensing, 9<sup>th</sup> June, 2009, NIO, Rs. 20,00,000/-.

C. U. Rivonker (P.I.), Mobile epibenthic faunal diversity along Goa and Visakhapatnam harbours, 5 years, Jan., 2006, NIO, Rs. 8,35,000/-.

C. U. Rivonker (Co.PI), Algal blooms - its ecological implication on coastal waters of Goa and Gujarat, 5 years Nov., 2008, CMLRE Kochi, Rs. 25,00,000/-.

No. of Ph. D. awarded: One.

Placement details

Deepti Dessai, joined as a Scientist at NCAOR, Vasco.

Special achievements by students/staff. :

G. N. Nayak, a) Chaired a session in XXVI Convention of IAS at Andhra University, Visakhapatnam, Dec., 2009, b) Sea Link and Environment -

an invited talk at seminar organized by Indian Concrete Institute, at Goa International Centre on 22nd Jan., 2010, c) River Navigation - Factors and Problems - an invited talk in one day seminar organized by Bengal Chamber of Commerce, Kolkata on 19<sup>th</sup> May 2010, d) Attended VIII<sup>th</sup> Global Conference on Environmental Education held 4<sup>th</sup> - 8<sup>th</sup> Nov., 2009 at Panaji.

Deepti Dessai received Young  
Sedimentologists Award for the year 2009 for her research paper titled  
"Geochemistry and Bioavailability of selected metals in sediments of a

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**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

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

U. D. Murateedharan, Ph. D., Associate Professor, 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, 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, Biotechnologically important proteases and xylanases from coastal and deep sea bacterial and fungal isolates, Extraction of toxins and lectins from marine organisms, Alkaloids of medicinal value from plants, Ecology of sulphate reducing bacteria from hypersaline environment, Bioactive compounds from salterns, Lipases proteases and polysaccharases from Thraustochytrids, Bioremediation of heavy metals using hypersaline bacteria.

Achievements

Screening of Marine algae for hemagglutinins and isolation of lectins- biochemical characterization and aiming to identify bio medical application.

Better insights have been obtained on the antimicrobial peptide activity from marine flora as well as herbal sources. Proteolytic activity from a deep-sea bacterium has been characterized and polysaccharase production has been studied from the marine protists thraustochytrids.

Marine salt-pans-hypersaline environments: isolated bacteria and actinomycetes producing bioactive compounds against ten different human diseases. Isolated halotolerant bacteria producing plant growth promoters. Bioremediation of heavy metals by hypersaline SRB. Study of natural salts, Mangrove SRB in the bioabsorption of heavy metals. A multiple polysaccharide degrading bacteria designated as *Microbium* strain DD13 isolated from mangrove region of the Divar island of Goa, has

been established to degrade around 10 polysaccharides. Molecular phylogenetic study using 16 s rDNA sequence analysis has also indicated that it is a novel unreported species. Further a novel marine bacteriophage infecting multiple polysaccharide-degrading bacteria has been isolated and characterized.

#### Visiting scholars

Indrani Karunasagar, Prof. and Head, Department of Microbiology & Director UNESCO MIRCEN for Marine Biotechnology College of Fisheries University, Karnataka Veterinary, Animal and Fisheries science university, An overview of research activities at UNESCO-MIRCEN for Marine Biotechnology, August, 2009.

B.K. Sainis, Director, Biomedical group, B.A.R.C. Mumbai, Medical Biotechnology, 14<sup>th</sup> Sep., 2009.

Prashant Sitakant Phale, Department of Biosciences and Bioengineering, 11T-Bombay, Powai, Mumbai 400, Utilization of aromatics by *Pseudomonas putida* CSU86, 10<sup>th</sup> Nov., 2009.

Kshitish C. Majumdar, Director Grade Scientist, CCMB, Transgenesis- A tool for genetic improvements in fishes, 13<sup>th</sup> Feb., 2010.

Ameeta Ravi Kumar, Reader, Institute of Bioinformatics and Biotechnology Pune University, Research activities at Institute of Bioinformatics and Biotechnology, 16<sup>th</sup> Feb., 2010.

H. Devaraj, Head, University of Madras, Chennai, Stem cells and their applications, 17<sup>th</sup> Feb., 2010.

Hans Juergen Busse, Institute of Bacteriology Mycology and Hygiene, University of Veterinary Medicine, Vienna, Bacterial Systematics, 19<sup>th</sup> Feb., 2010.

Sameer Sawant, Scientist NBRI, Lucknow, Cotton Genomics, 8<sup>th</sup> March, 2010.

Janet Nestlerode, US Environmental Protection Agency, Gulf Ecology Division Gulf Breeze, Florida, USA, A three -tiered regional assessment of ecological condition of Gulf of Mexico Coastal wetlands (USA), 30<sup>th</sup> April, 2010.

Sponsored Research Projects sanctioned between June, 2009 - May, 2010

A grant of Rs. 25.72 lakhs received by the Department from DBT, New Delhi, for the HRD post graduate programme in Marine Biotechnology.

A grant of Rs. 30 lakhs received by the

Department from DBT, New Delhi, for replacement of obsolete equipments for PG teaching programme in Marine Biotechnology.



Ongoing projects / Completed during June, 2009 - May, 2010  
 Savita Kerkar, Bioprospecting of hyper saline bacteria for the production of antifungal compounds and enzyme inhibitors, 24<sup>th</sup> Sept., 2008, 3 years, CSIR, Rs.21,22,560/-.

No. of Ph.D.s awarded - 1

Special achievement by students/staff

Students registered for Ph. D. in Centre for Cellular & Molecular Biology, Hyderabad, National Centre for Cell Sciences, Pune, National Institute of Immunology, New Delhi, Indian Institute of Science, Bangalore, Central Food Technology & Research Institute, Mysore, Post-Graduate Institute of Medicine, Chandigarh, Institute of Himalayan Bioresource Technology affiliated to Palampur University, National Botanical Research Institute, Lucknow and in Institute of Genomic & Integrated Biology, Delhi.

S. Kerkar represented Goa University and was a part of the IIIrd Indian Arctic expedition in June, 2009

Kuldeep, pursuing Ph. D. under the guidance of S. Kerkar, received JRF fellowship under Ministry of Earth Sciences Manpower Development Programme. (Grant of Rs. 5,26,800/-) (OASTC).

Five M.Sc II students qualified the DBT-JRF under category A whereas three students qualified under category B

Six M.Sc II students were awarded CSIR-UGC JRF and 5 students have been granted UGC-NET lectureship.

Seventeen students cleared the GATE exam with more than 90 percentile score.

Akshay Kumar Ganguly secured 99.98 percentile in GATE life sciences (All India rank-2) whereas Ashish Kabra secured 99 percentile (All India rank-51).

Three M.Sc I students were selected to attend the Science Conclave (meeting with Nobel Laureates) at IIT, Gandhinagar in

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**DEPARTMENT  
OF  
MICROBIOLOGY.**

Faculty  
S. Bhosle, Ph.D., Professor & Head, General and Environmental Microbiology,

## Marine Microbiology, Extremophiles

Santosh Kumar Dubey, Ph.D., Associate Professor, Molecular Genetics, Genetic Engineering, Environmental Microbiology & Biotechnology, Molecular Microbiology.

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

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

S. Garg, Ph.D., Assistant Professor, Industrial and Medical Microbiology, Fermentation Technology, Industrial enzymes, Biopolymers, Biofertilisers, Marine Microbiology, Immunology, Biostatics and Biomathematics.

#### Major thrust areas of research

Microbial diversity: Coastal, open-ocean 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 conversions remediation: metals, organometals, organic aliphatic and aromatic pollutants; Biosorption of heavy metals using Bacterial, fungal, Haloarchaeal systems., identification and characterization of relevant microbes.

Bioprospecting for microbial enzymes including extremozymes antimicrobial metabolites , bioplastic, exopolysaccharide, bioactive compounds, pigments, biosors.

#### Molecular Microbiology of bacterial Fish Pathogens.

Faculty has been working on these thrust areas through sponsored projects and guiding various Ph.D. students.

#### Visiting Scholars

Max Haggblom, Rutgers University, New Jersey, USA, Microbes to the rescue: Bioremediation of contaminated sediments and Urban Wetlands, 9<sup>th</sup> Jan., 2010.

Asmita Prabhune, NCL, Pune, Penicillin Acylases: Pharmaceutically and industrially important enzymes, 7<sup>th</sup> May, 2010.

#### Sponsored Research Projects sanctioned.

Saroj Bhosle, Anoxygenic phototrophic bacterial primary productivity and studies on the endolithic bacterial communities of marine ecosystems, 2009-2012, Ministry of Earth Sciences, New Delhi, 10.95 lakhs.

I. Furtado (member of Nano Mission), Centre of Excellence on Nanotechnology, , Goa University, under DST Nano Mission, March, 2010 (5 years), DST, India, 2.67 crores

Ongoing Research  
S. Garg, Production of  
inoculation of plant

Projects between June 2009 - May 2010.  
inoculum formulation containing *Pisolithus* sp. for seedlings transplanted on mine's rejects, 2004-2009, Sesa Goa Ltd., Goa, Rs. 7.8 lakhs.

S.K. Dubey, Biochemical characterization of tributyltin chloride (TBTC) resistant bacteria from marine environment of Goa, India and isolation of genes encoding enzyme(s) for TBTC resistance (degradation), 18<sup>th</sup> Sept., 2008, 2008-2010, DBT, Govt. of India, Rs. 17.09 lakhs.

**No. of Ph.D.s awarded: 2.**

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

Extension of UGC Research Fellowship in Science for Meritorious Students  
- Maria Celisa Santimano & Milind M. Naik

Jawaharlal Nehru School Scholarship for Doctoral Studies to Trelita DeSouza.

**DEPARTMENT  
OF  
ZOOLOGY**

Faculty

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

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

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

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

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

Shanti N. Desai, Ph. D., Assistant Professor, Physiology, Animal Cell Culture.

Major thrust areas of research

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, antimutagenicity 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.

Sponsored Research Projects during June 2009 - May 2010

R. Roy, Lipidomics of some fishes : control of inflammatory disease, 9th Sept., 2009 for 3 years, Department of Biotechnology New Delhi, 28.93 Lakhs.

I. K. Pal, Investigations in zooplankton diversity, distribution pattern and documentation in the south west coast of Indian EEZ, 12th Jan., 2010, 3 years, UGC, Rs. 6,90,800/-.

Shanti Desai, "Culture and characterization of mantle cells of *Phaphia malabarica*" DST, New Delhi, 2009, Rs. 18.5 Lakhs.

Ongoing Projects/Completed during June 2009 - May 2010

P. V. Desai, Mass culture of hepatopancreatic tissue and other tissues of Crab-*scylla serrata* and isolation of bioactive compounds, 25th Sept., 2007, DBT, Rs. 28,60,000/-.

S. K. Shyama, "Evaluation of the Genotoxic effects of ionizing radiation in somatic/ germinal cells of fishes", 5th  
dy, 2009, BRNS/DAE, Rs.  
26,99,150/-.

R. Roy, "Membrane lipid bilayer structure :  
A study with gill epithelial cells of mud crab, *Scylla serrata*", 26<sup>th</sup>  
Dec., 2008, 3 years, UGC, Rs. 7,36,800/.

**Awards/Honours conferred**

I. K. Pai, awarded Prof. J. S. Datta Munshi Gold Medal by India Chapter of International Society for Ecological Communications (Poland), during International Conference on Recent Trends in Life Science Research held at Vinobha Bhave University, Hazaribag, 27th - 29<sup>th</sup> June, 2009.

## 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	<i>Chairman (ex officio)</i>
A. Sreekumar	Member
N. Mekoth	Member
Dayanand M. S.	Member

### DEPARTMENT OF MANAGEMENT STUDIES

#### Faculty

A Sreekumar, MBA, Fellow of IIM Ahmedabad, Professor Strategy, Quantitative Methods

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

M. S. Dayanand, Ph. D., Associate Professor — Marketing, Strategy & Tourism.

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

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

Nilesh Borde, [M.Com.](#), Assistant Professor — Finance

Tejashree Colvalcar, Ph. D., Assistant Professor — MIS, System Analysis and Design and Services Marketing.

#### Major thrust areas of research

The department has a research focus in the areas of consumer behavior and organizational behavior with the main topics of research being complaining behavior, 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  
Barnabas N. was awarded Ph. D. during the year

## 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	<i>Chairman (ex officio)</i>
Y. V. Reddy	<i>Member</i>
Raju A.	<i>Member</i>
B. Ramesh	<i>Member</i>
K. B. Subhash	<i>Member</i>

## DEPARTMENT OF COMMERCE

### Faculty

B. Ramesh, Ph. D., Professor & Head, (Accounting and Finance, Capital Market Studies)

Y. V. Reddy, Ph. D., Associate Professor, (Accounting & Finance, Capital Market Studies)

A. Raju, Ph. D., Associate Professor, (Finance, Capital Market Studies, Mergers & Acquisitions, Financial Services)

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

### Temporary Faculty

R Dhume, [M.Com.](#), Assistant Professor, Accounting & Finance, Financial Services, Taxation and Capital Market Studies.

A. Piementa, M.C.A., Assistant Professor , Computer Science & Management.

S. Fernandes, M. F. S., Financial Services, Derivatives, Real Estate Finance, Treasury and Forex.

### Major thrust areas of research

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

40 Project works of [M.Com.](#) Students and 25 MFS Project works were guided by the Department as part of the Corporate Internship of [M.Com.](#) & M.F.S. IV Semester. All projects were based on work experiences of the students in industries in Goa and outside Goa.



### Visiting Scholars

Durga Prasad, Joint Director Directorate of Planning, Statistics & Evaluation Panjim, Business Statistics, June, 2009 - Nov., 2009.

Yatish Vernekar, Vernekar & Co., Chartered Accountants, Panjim, Management Accounting, June, 2009 - Nov., 2009.

K. Gau rash, Executive, Reliance, Advertising & Sales Management, Nov., 2009.

Manoj Kamat, Lecturer, Damodar college, Margao, Investment Research & Analysis, June, 2009 - Nov., 2009.

Rajesh Navelkar, Chartered Accountant, Panjim, Tax Planning & Management, June, 2009 - Nov. 2009.

N. J. Prabhudesai, Chartered Accountant, Panjim, Tax Planning & Management, June, 2009 - Nov., 2009.

Savari Muthu, Management Consultant Panjim, New Venture Creation, June, 2009 - Nov., 2009.

Harip Khanapuri, Lecturer, Dempo College of Arts and Commerce, Panaji, Cases in Financial Services, June, 2009 - Nov., 2009.

Luis Vaz, Chartered Accountant, Panjim, Management Accounting, June, 2009 - Nov., 2009.

Tensingh Rodrigues, Executive Director, Prudential ICICI, Panjim, insurance Management, June, 2009 - Nov., 2009.

Sanjay Dessai, Lecturer, Damodar College, Margao, Cost Management, June, 2009 - Nov., 2009.

Anilkumar Garag, Anil Garag, Associate Professor, MATS School of Business & IT, Belgaum, Security Analysis, June 2009 - May, 2010.

P.N. Reddy, Professor & Head, School of Mgt. Studies, Chaityana Bharati Institute of Tech., Hyderabad, Marketing Research, October, 2009.

Jayant V. Joshi, Professor & Director, School of Commerce & Mgt. Science, Swami Ramanand Teerth Marathwada University, Nanded, Business Statistics, August, 2009.

P. Sriram, Lecturer, P.G. Dept. of Commerce & Bus. Admn., Vijaywada, Strategic Management, Sept., 2009.

Golaka C. Nath, Senior Vice President, CCIL, Mumbai, Treasury and Forex Management, October, 2009.

Kanahalli, Department of Commerce, Gulbarga University, Gulbarga, Security Analysis, August, 2009.

Shivraj, HOD, Mysore University, Mysore, Cases in Financial Services (Derivatives), October, 2009.

P.K. Rao, Former Divisional Manager, SHCIL, Mumbai, Capital Market, Jan., 2010

Ongoing Research Projects between June 2009 - May 2010.

Anjana Raju , B. Ramesh, Mutual Fund Prices and NAV: An Empirical Analysis of Discount in the Indian Context, UGC, Rs. 1,50,000/-.

No. of Ph. Ds awarded: 03.

Placement details

Master of Financial Services (MFS) batch 2008-2010 students are recruited by the following organisations;

- 1) National Stock Exchange Ltd., Mumbai
- 2) Reliance Spot Exchange Infrastructure Ltd.,  
Mumbai
- 3) Karvy Stock Broking Ltd.,
- 4) Multi Commodity Exchange Ltd., Mumbai
- 5) Bajaj Allianz Ltd., Panaji - Goa
- 6) ICICI Prudential

AMC Ltd., Panaji - Goa Other information

Fellowships/Visiting Professorships, etc.

1. Delivered lectures at the Academic Staff College Refresher course in Commerce on IPO issues in India, Karnataka University, Dharwad on 5<sup>th</sup> March, 2010

2. Delivered Keynote Address at National Seminar in "Micro Finance in India" organised by Faculty of Commerce Osmania University, Hyderabad on 29<sup>th</sup> March, 2010.

3. Delivered lectures at the UGC Sponsored Refresher Course for teachers in Management at Canara Bank School of Management Studies, Bangalore University, Bangalore on 12<sup>th</sup> April, 2010.

Special achievement by students/staff

1. B. Ramesh, Head and Dean, Faculty of Commerce was elected as the Conference Secretary for 63<sup>rd</sup> All India Annual Conference of Indian Commerce Association (ICA) at Goa University, 1- 3<sup>rd</sup> Oct., 2010" at the 62<sup>nd</sup> All India Annual Conference of ICA held at MDS University, Ajmer in October, 2009.

## INNOVATIVE PROGRAMS

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

The Research in the University is funded through two sources. The University receives funds for Post-Graduate and Doctoral instructions from the Ministry of Education, Government of Goa. The second major source of funding comes from the Research Projects and consultations.

Research and Development Projects and Consultancies are handled by the faculty members of Goa University. These projects are funded by various organisations such as Council of Scientific and Industrial Research (CSIR), Department of Science & Technology (DST), University Grants Commission (UGC), Ministry of Earth Sciences (MES), Indian National Centre for Ocean Information Services (INCOIS) Hyderabad, Atomic Energy Regulatory Board (AERB), Department of Biotechnology (DBT), All India Council for Technical Education (AICTE), Department of Science, Technology & Environment, Goa (GSCST), Ministry of Environment and Forests (MEF), CIBA, South Asian Network for Development and Environmental Economics (SANDEE), ISRO, Naval Research Board, DPSE etc. In addition, Science Departments of the University receive research grants under Special Assistance Programme (SAP) of UGC and Funds for Infrastructure in Science and Technology (FIST) of DST. OSTC (Ocean Science and Technology Cell) attached to the Department of Microbiology receives a special grant from MES (Ministry of Earth Science) for its research activities every year.

In the year 2008-09, 18 projects were sanctioned to the Departments of Chemistry, Physics, Botany, Microbiology, Marine Science, Biotechnology, Geology, Zoology, CWS, Political Science, History and Hindi. The total grants received from various funding agencies during this year amounted to Rs. 361.69 lakhs.

#### (ii) Remote Sensing Laboratory (RSL)

Remote Sensing Laboratory has been established with financial assistance from Indian Space Research Organization (ISRO). The facilities of the laboratory include hardware consisting five desktop and software necessary for image processing. Image processing package such as ERDAS IMAGINE has been procured. In addition, all the instruments necessary for developing algorithms have also been procured. An Interdisciplinary course has been introduced across the different faculties where remote sensing technique has the application. The Laboratory provides hands-on training to students who opt for interdisciplinary course in remote sensing and research and thus cater the country's need for trained manpower in this field. At present there are ongoing projects funded by different agencies like Naval Research Board (NRB), Space Applications Centre (ISRO), Space Physics Laboratory (VSSC, ISRO) and Indian National Centre for Ocean Information Service of Ministry of Earth Sciences, Delhi. All these projects are carried out by the Department of Marine Sciences.

### **(iii) Ocean & Atmospheric Science and Technology Cell (OASTC)**

Ministry of Earth Sciences (MoES) supports basic and applied research in Ocean and Atmospheric Science and Technology in Universities through establishment of nine subject specific Ocean and Atmospheric Science and Technology Cell (OASTCs), which cater to ocean related research. Goa University has set up one such OASTC cell in Marine Microbiology and Centre of Excellence to pursue mission mode projects in the area of Marine Microbiology.

The objectives of the cell are to strengthen academic and scientific work in the area of Ocean Sciences and to recommend research projects and monitor their progress. The cell functions under the guidance of the Management Board constituted by MoES with Vice Chancellor, Goa University as the Chairperson and Research Coordinator, OASTC as a Member Secretary. The MB meets in the year to discuss, guide and direct the activities of the Cell.

1. Brain Storming Session sponsored by MoES was held on August 1 & 2, 2009 at International Centre. Participants were experts from various Culture Collection Centers, academicians, scientists. The members deliberated upon setting up of marine Microbial culture collection centre at Goa University. The report of the same was submitted to Ministry of Earth Sciences.

#### **2. Workshops:**

The progress and achievements of the projects funded by MoES was reviewed by the Expert Committee on November 30, 2009. P.I.s of the ongoing projects presented the progress of their work.

#### **3. Seventh Management Board**

**Meeting of OASTC and CoE** (Marine Microbiology) was held on 1st December, 2009.

#### **4. Special joint meeting of OASTC/CoE:**

A meeting with the members of the Management Boards of the OASTC/CoE of Marine Biology, Annamalai University and Marine Microbiology, Goa University and Heads of Departments under Faculty of Life Sciences of Goa University and Annamalai University was held on January 10-11, 2010 at Annamalai. The members discussed the curriculum structure of National level 5-year multidisciplinary Integrated Post-Graduate degree course on Ocean Science & Technology to be simultaneously offered by both Universities.

#### **5. Steering Committee:**

The National Steering Committee was held under the chairmanship of Secretary, MoES, met at Goa University on 25 - 26<sup>th</sup> February, 2010 to review the status of all OASTCs.

(iv) Distance Education, Information & Training Infrastructure (DEITI)

The DEITI engaged its infrastructure and expertise in producing several video recordings of the official programmes which were held on the campus by various departments as well as Administration. As a part of Silver Jubilee celebration, DEITI had recorded the lectures of eminent personalities such as Dr. Raghunath Mashelkar, Dr. Anil Kakodkar, Shri Lalit Ma nsingh, Prof. P. Batram, Prof. Prabhat Patnaik, and others.

Teleconferencing services were provided for Satellite Sub Speciality CME's of Indian Academy of Pediatrics organized by Goa Association of Pediatrics and The Panaji Obstetrics & Gynecological Society (FOGS!).

During MC1APSCON 2010 a workshop was conducted in Goa Medical College & Hospital for a live operation and the DEITI undertook the job of recording the entire live operation which was conducted in two operation theatres simultaneously. The same was also displayed on the LCD screen outside the operation theatre where from the other doctors were interacting with the surgeons operating the patients. Six such operations were carried out in two operation theaters which were recorded with four camera setup.

As a regular event, DEITI conducted the e-content development workshop for the participants of the University Academic Staff College. The various facilities of the studio were also extended to the private parties.

(v) 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 university is successfully running the SIP for the students of the College of International Relations, 'Nihon University, Japan. For the SIP 2009-10 edition the Nihon University had sent a batch of ten students. The programme for this 6th batch of the students from Japan was conducted from September 2009 to February 2010.

## PART 3:

# ACHIEVEMENTS OF UNIVERSITY FACULTY

### A: Seminars/Conferences/Workshops Organised

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

#### **Faculty of Languages & Literature**

English:

National Seminar on "Imagined Worlds: Fantasy, Science Fiction & Other forms of the Marvelous in Indian Literature", 6th - 9<sup>th</sup> March, 2010, Sahitya Academy, New Delhi.

Nina Caldeira was the Local Organising Secretary for the Fifth International Conference of the Indian Association for the Study of Australia on the theme "India and Australia: Negotiating Change", Goa University, 18<sup>th</sup> - 21<sup>st</sup> Jan., 2010.

Nina Caldeira was the Local Co-ordinator for the National Seminar of Sahitya Akademi on the theme "Imagined Worlds: Fantasy, Science Fiction and other forms of the Marvelous in Indian Literature" held at Goa University, 18<sup>th</sup>- 21<sup>st</sup> Jan., 2010.

Marathi:

Bal Sita ram Mardhekar: The Torch-bearer of New Literature in Marathi, 19th Feb., 2010..

Nature and Development of Poetic Writing in **India**: A Post 1990 National Scenario, 26<sup>th</sup> -27th Feb., 2010.

**French:**

Workshop on "French Translation" by Isabelle Taudiere, 11th Sept.,2009, Goa University.

Workshop on "Evaluation" for 9th and 10th Std. of Goa Board, 22nd Oct., 2009, Goa Board of Secondary and Higher Secondary Education.

Workshop on "Chorale des Mots" - French Literary Theatre by Philippe Guinet, 22" - 27th Feb., 2010, Goa University and Passeurs Des Mots Association (France)

Seminar on "Higher Education in France", 5th March, 2010, Campus France India.

**Konkani:**

Exhibition of folk items (Lokvastu) and Seminar on Goan Konkani Folklore (Goencho Lokved: Rang an Antarang), 15th Oct., 2009, Goa University.

Workshop on General Linguistics for students of Indian Languages, 12th - 14<sup>th</sup> Dec., 2009 Goa University (Dept. of Konkani in collaboration with Department of Computer Science and Technology).

All Goa Shankar Ramani Konkani Poetry Recitation Competition 8'h Jan., 2010, Konkani Saraspat Ma ndal (Literary Association of Department of Konkani).

Dialects of Konkani, in Education and Literature, 23" - 24th Feb., 2010, WRLC, Pune, Goa Konkani Akademi.

Hindi:

- 1 Tulsi & Prem Chand Jayanti followed by Hindi College Teachers Workshop, 31<sup>st</sup> July, 2009, Goa University.  
Humorous and Satire Poet's meet organised on Hindi Day on the occasion of Goa University Silver Jubilee celebration, 12<sup>th</sup> Sept., 2009, Goa University.

National Seminar on the topic "Samkaleen Hindi Natya Vimarsh", 16<sup>th</sup> & 17<sup>th</sup> Dec., 2009, Department of - Hindi, GU.Uttar Pradesh Hindi Sansthan, Lucknow.

National Seminar on the topic 'Bhartiya Sahitya Ka Sanskrutic Paridrushya', 15<sup>th</sup> & 16<sup>th</sup> Feb., 2010, Department of Hindi, GU. Sahitya Academy New Delhi, ASC and Arvind Pandey Manch.

## **Faculty of Social Sciences**

Economics:

National seminar on "Growth, Inequality & Economic Reforms in India", 19<sup>th</sup> - 20<sup>th</sup> Feb., 2010, ICSSR, Mumbai.

Political Science:

Dayanand Bandodkar and his Ideas : Relevance for Contemporary Goa, 20<sup>th</sup> - 21<sup>st</sup> March, 2010, Goa University, Indian Institute of Advanced Study, Simla.

C LAS:

State Level workshop Towards Gender Budgeting' 16<sup>th</sup> - 17<sup>th</sup> June 2009, Goa State Commission for Women

State Level Workshop for post graduate and under graduate teachers in Goa 'Teaching Gender:Contemporary Debates', 12 - 13<sup>th</sup> March, 2010, ICSSR(Western Regional Centre) and S.S. Dempo College of Commerce and Economics.

## **Faculty of Natural Sciences**

Chemistry:

Two day seminar on "Emerging fields in Chemical Sciences: 18<sup>th</sup> - 19<sup>th</sup> Feb., 2010, UGC-SAP and in association with Chemistry Department faculty and Alumni Association.

The 4<sup>th</sup> Annual Intercollegiate T. Y. B. Sc. Chemistry Symposium, 27<sup>th</sup> Feb., 2010, Goa University and Chemistry Department faculty and alumni association.

Chemistry Department Faculty and Alumni Association Meet, 8<sup>th</sup> May, 2010.

Computer Science:

ILCI Project Workshop, 25<sup>th</sup> - 26<sup>th</sup> March, 2009, DIT.

IBM RSA Training, 25<sup>th</sup> - 28<sup>th</sup> July, 2009, IBM

HPC workshop, 9<sup>th</sup> - 10<sup>th</sup> July, 2009, Dell (R&D), Bangalore & Goa University.

DB2 workshop by IBM with Certification, 17<sup>th</sup> - 19<sup>th</sup> Sept., 2009.

XPDAY Goa 2010 and Agile Coach Camp in association with Agile Society of India and Computer Society of India, Goa Chapter, 16<sup>th</sup> April to 18<sup>th</sup> April 2010, Dept. CST and ASCI.

"Programming with Python", 31<sup>st</sup> Oct. - 1<sup>st</sup> Nov., 2009, MHRD FIT Bombay.

"Open Source Software Development and PHP/MySQL, 12th -13th Sept., 2009. CSI Goa Chapter.  
Public Key Infrastructure (PKI), 8th Oct., 2009, C-DAC Bangalore.

ICT in Science and Mathematics, 17th Dec., 2009, Goa Board.

"Scilab, LaTeX, and Spoken Tutorial", 18th -19th Jan., 2010, MHRD IIT Bombay.

#### Earth Science:

Orientation Virtual Online Workshop for UNIGIS Distance Education, 3th - 5th April, 2010, UNIGIS, Salzburg University Collaborative Program.

#### Maths:

1 Interactive workshop for M. Sc. students at IMA BBSR, June, 2009, D. S. T. Orissa.

Interactive workshop for B. Sc. students in Mathematics at IMA- Bhubaneswar, Oct., 2009, DST, Orissa. IATM School, an Operator Theory, Dec., 2009 (2, weeks), N BH M.

#### Electronics:

Symposium on "VLSI & Embedded Systems", 5<sup>th</sup> Feb., 2010, Goa University & VSI Goa Chapter.

### Faculty of Life Sciences & Environment

#### Botany:

National Seminar on Fungal Biodiversity & Bioprospecting in the age of Global Warming and 36th annual Meeting of Mycological Society of India, 29th - 30th Oct., 2009, Department of Botany, Goa University and Mycological Society of India.

Workshop on Microbiology practicals for college teachers teaching Botany, 28th Dec., 2009, Goa University, Department of Botany.

#### Marine Science:

Proxies for Climate Change Studies, 8<sup>th</sup> -13th March, 2010, Ministry of Earth Sciences, Govt. of India.

#### Biotechnology:

DBT Task Force meeting on "Aquaculture and Marine Biotechnology", 15<sup>th</sup> - 16th Feb., 2010.

#### Microbiology:

Workshop on review of the "New B.Sc. Syllabus and its implementation" for the teachers of Undergraduate Microbiology course in Goa, 5th March, 2010, Goa University.

Poster competition on "Theme Microbes in Advancement of Biotechnology" as a part of National Science Week Celebration 2010, 25th Feb., 2010, Centre of excellence in Marine, Ministry of Earth Science.

#### Zoology:

National Seminar on "Zoology, Life Processes and Nanotechnology", 8th-10th Feb., 2010, Department of Science, Technology & Environment, Govt. of Goa.

### Faculty of Management

Workshop on Student Centred Pedagogy for BBA teachers, Goa University, 29<sup>th</sup> June, 2009

National Case Writing and Analysis Workshops, 11th July, 8th August, 12th September and 10<sup>th</sup> Oct., 2009.

Workshop cum Training Program for BBA teachers of Dempo College of Commerce, Panaji, 9th Apr., 2010.

One day workshop on 'Co-creating Courses on 13th March, 2010.



## Faculty of Commerce

1. Workshop for MBA students at Sri Jagadguru Chandrashekaranaatha Swamiji Institute of Technology at Bangalore on Security Analysis and Portfolio Management, 25<sup>th</sup> -26<sup>th</sup> September, 2009,.
2. Vim Annual Seminar on Capital Market in India, 11th December, 2009.

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

(Name of Author (s), Theme of the Seminar/ Conference/ Workshop, Organising Institute, Place, Date, Title of Paper Presented).

## Faculty of Languages & Literature

English:

- K. S. Bhat, National Seminar on New Trends in Nationalist Writings, Canara College, Mangalore University, Mangalore, 23<sup>rd</sup>- 24 April, 2010, "Modernity in India."
- K. S. Bhat, National Seminar on Cultural Studies and Mass Communication, Arts & Commerce College Kasagaon, Maharashtra, Kasagaon, 10th & 11th Feb., 2010, "Cultural Studies: Indian Perspectives with reference to Yakshagana."
- Andre Rafael Fernandes, O que e O Teatro?, Centro de Lingua Portuguesa/Institute Cameos: Dept of Portuguese, Goa University, CLP/IC, Panaji, Goa, 6th Nov., 2009, "The Influences of European Theatre on Goan Tiatr."
- Andre Rafael Fernandes, Workshop on speech and pronunciation patterns, Fr Agnel College of Arts & Commerce, Pilar, Goa, Re-Animation Centre, Filar, Goa, 12<sup>th</sup> March, 2010, "Enhancement of English Language Skills of Education."
- Andre Rafael Fernandes, The Story of Goa's Tiatr, Tiatr Academy of Goa, TAG, Panaji, 17th April, 2010, "The Development of Tiatr."

French:

- Anuradha Wagle, Workshop on Evaluation, Goa University, Goa, Oct. 2009, "The Evaluation process in the teaching of *Le nouveau Pas a Pas II*"
- Anuradha Wagle, Foreign Language Teaching, PSGR Krishnammal College, Coimbatore, 13<sup>th</sup> - 14<sup>th</sup> August, 2010, "L'approche actionnelle- quelle autonomie pour l'apprenant?"
- Edith Melo Furtado, Workshop on Evaluation, Goa University, Goa, Oct., 2009, "The Evaluation process in the teaching of *Le nouveau Pas a Pas fl.*"
- Edith Melo Furtado, Quebec Studies, Jawaharlal Nehru University, New Delhi, Feb., 2010, "A comparative study of the Woman writer in Quebec and India."
- Edith Melo Furtado, International Conference on The Mediterranean and the route of the Indies: Goa and Women's Memory, Sorbonne University, Paris, France, March, 2010, "The Doubly Colonised: The Goan Woman Writer."
- Edith Melo Furtado, XIII International Seminar on Indo-Portuguese History, University of Aix-Marseille, Aix, March, 2010, "The colonised intellectual and the Luso-French influence: a study of Goan literature."

Konkani:

- Chandralekha D'Souza, Hindi/Bhartiya Bhashaonmein Manviki aur Samaj Vidnyan Vishayon ke Antargat Takniki Shabdanirman ki Samasyaen, Saurashtra University, Rajkot, 14<sup>th</sup> - 16<sup>th</sup> Sept., 2009, "Konkani ke Shaikshaniik Vishyon mein Takniki Shabdanirman."
- Chandralekha D'Souza, Scientific and Technical Terminology, Mahatma Gandhi International University, Wardha, in collaboration with Commission for Scientific and Technical Terminology, New Delhi, Wardha, Nov., 2009, "Generating Technical Terminology in Konkani."

- P. S. Tadkodkar, Dialects of Konkani in Education and Literature, Dept. of Konkani, in collaboration with WRLC, Pune and Goa Konkani Akademi, Goa University, 23<sup>d</sup> - 24<sup>th</sup> Feb., 2010, "Konkani Dialect of Pednem: Some Observations."
- P. S. Tadkodkar, Indian Poetry: The post 1985 Scenario, Department of Marathi, G.U., UGC New Delhi and Gomantak Marathi Akademi, Goa University, "Konkani Poetry: The Post 1985 Scenario."
- P. S. Tadkodkar, Women's Literary Meet, Institute Menezes Braganza - Panaji, May, 2010, "Live-in Relationship."
- Madhavi Sardesai, 27th Session of All India Konkani Parishad, All India Konkani Parishad Sankhli, Goa, 5<sup>th</sup> - 7<sup>th</sup> Feb., 2010., "Konkani Education: Vision and Mission."
- Madhavi Sardesai, Socio-Linguistic Study of Marathi, Department of Marathi, R.P.D. College, Belgaum in collaboration with WRLC, Pune, Belgaum, 10<sup>th</sup> - 11<sup>th</sup> Feb., 2010. "The Konkani Marathi Controversy and its impact on Standardisation of Konkani".
- Madhavi Sardesai, Dialects of Konkani in Education and Literature, Department of Konkani, WRLC, Pune and Goa Konkani Akademi, Goa, Goa University, 23<sup>d</sup> - 24<sup>th</sup> Feb., 2010, "Shennoi Goenbab's Konkani and its Impact on Standardisation of Konkani."
- Madhavi Sardesai, Dr. Ram Manohar Lohiya's 'Vision of a Socialist Civilisation, Sahitya Akademi, New Delhi, India International Centre, New Delhi 18<sup>th</sup> - 23<sup>rd</sup> Feb., 2010, "Dr. Ram Manohar Lohiya's Impact on Konkani Literature."
- Madhavi Sardesai, Centenary Symposium on Dr. Ram Manohar Lohiya, Sahitya Akademi, New Delhi, Goa Konkani Akademi, Ka la Academy Goa, Kala Academy Goa, 21<sup>st</sup> Mar., 2010, "The Linguistic Thought of Dr. Ram Manohar Lohiya."
- Madhavi Sardesai, Women's Literary Meet, Institute Menezes Braganza, Panaji, May, 2010, "Traditions, Religiosity and the Woman's Predicament"
- Prakash Parienkar, Konkani Novels, Govt. College of Arts, Science & Commerce, Quepem, Goa, Quepem, Goa, 11<sup>th</sup> Sept., 2009, "Aranyakand: From a Sociological Perspective."
- Prakash Parienkar, Dialects of Konkani in Education and Literature, Department of Konkani WRLC, Pune and Goa Konkani Akademi, Goa, Goa University, 23<sup>rd</sup> - 24<sup>th</sup> Feb., 2010, "Dialects of Konkani in Konkani Literature."
- Hindi:
- Ravindranath S. Mishra, Bhartiya Sahitya evam lokgeet, Bharteeya Hindi Parishad Allahabad, Allahabad, 22<sup>nd</sup> & 23<sup>d</sup> Dec., 2009, "Hindi Evam Konkani Lokgeet ka parasparik sambhandh."
- Ravindranath S. Mishra, Ajney ki Prayog Dharmita, Pune University, Pune, 26<sup>th</sup>-27<sup>th</sup> Feb.2010, "Adnyey kavya ki prayogdhamnita."
- Ishrat Bi. Khan, Gyanpeeth Puriskrit Bhartiya Kritiyan, Prayas Sanstha, Panaji, T. B. Cunha Hall, Panaji Goa, 15<sup>th</sup> Sept. 2009, "Firaq Gorakpuri ka Kavya (Gul -E Nagma)."
- Ishrat Bi. Khan, Samkaleen Hindi Natya Vimarsha, Department of Hindi and U.P. Hindi Sansthan, Lucknow, Conference Hall, Goa University, 15<sup>th</sup> -16<sup>th</sup> Dec., 2009, "Vyangya Natak Itihaschakra written by Daya Prakash."
- Vrushali S. Mandrekar, Konkani Sahitya Asturi Che Yogdan, Sahitya Academy, New Delhi, Mad kai, 12<sup>th</sup> Sept. 2009, "Konkani Kathain Bailanche Prashna."
- Vrushali S. Mandrekar, Samkaleen Hindi Natya Vimarsha, Department of Hindi & U. P. Hindi Sansthan, Lucknow, Conference Hall, Goa University, 15<sup>th</sup> - 16<sup>th</sup> Dec. 2009, "Sam kaleen Natya Pravrutiya."

## Faculty of Social Sciences

### Economics:

- P. K. Sudarsan (co-author: B. P. Sarath Chandran), ASEAN India FTA and the Way Forward, Centre for Development Studies, Trivandrum, 5<sup>th</sup> - 6<sup>th</sup> Feb., 2010, "Revealed Comparative Advantage and Trade Complementarity between India and ASEAN Trade: A Study with Reference to Fisheries Sector".

P. Mukhopadhyay, Geographical Indications, Institute for Environmental Economics and World Trade, Leibniz Universitat, Hannover, Leibniz Universitat, Hannover, 13<sup>th</sup> Nov., 2009, "Economic Gains for small producers from Geographical Implications."

R Mukhopadhyay, Visiting Scholar, Beijer Institute, Royal Swedish Academy of Sciences, Beijer Institute, 18<sup>th</sup> Nov., 2009, "Conservation and leadership in local commons."

P. Mukhopadhyay, Economics of Climate Change Adaption, Madras School of Economics, Chennai, Chennai, 12<sup>th</sup> - 13<sup>th</sup> Feb., 2010, "Development & Environmental Policy Disconnect."

#### History:

N. Shyam Bhat, Recent Studies in South Indian History, Department of History & Chh. Shahu Maharaj Centre for Studies of Maratha History, Shivaji University, Kolhapur, 3<sup>rd</sup> - 5<sup>th</sup> March 2010, "British Forest Policy and Environmental Issues in the Uttara Kannada District".

Parag D. Parobo, South Asia and the West: Entwined, Entangled and Engaged, South Asian Studies Association and University of Southern California, Los Angeles, LA, US, 10<sup>th</sup> -11<sup>th</sup> April, 2010, "Tristao Braganca Cunha and Nationalism in Colonial Goa: Mediating Difference and Essentialising Nationhood".

Parag D. Parobo, Recent Studies in South Indian History, Department of History and Chhatrapati Shahu Maharaj Centre for Studies of Maratha History, Shivaji University, Kolhapur, 3<sup>rd</sup> -5<sup>th</sup> March, 2010, "Historicizing Marathahood in Goa: Contested Meanings and Representations".

Parag D. Parobo, Dayanand Bandodkar and his Ideas: Relevance for Contemporary Goa, Indian Institute of Advance Study, Shimla, and Department of Political Science, Goa University, Goa University, 20<sup>th</sup> - 21<sup>st</sup> March, 2010, "Soda-Political Dynamics of Dayanand Bandodkar's Charisma and the 'Bhauisation' of Goan Politics".

#### Philosophy:

Sanjyot D. Pal Vernekar, Aurobindo the Many Splendoured Visionary, Sri Aurobindo Society Panaji Branch, Panaji, Goa, 4<sup>th</sup> April, 2010, "Evolutionary Theory: Aurobindonian Perspective."

U. A. Vinaya Kumar, A study of Comparative Religion-the Need of Today, Karnataka University Dharwad, 22<sup>nd</sup> - 23<sup>rd</sup> March, 2010, "On Constructing a General Metaphysical Structure for Synthesis of World Religions."

U. A. Vinaya Kumar, 18<sup>th</sup> International Congress Vedanta, University of Massachusetts Dartmouth USA, Massachusetts, USA, 16<sup>th</sup> - 19<sup>th</sup> July, 2009, "Sri Madhvacharya's Universe."

#### Sociology:

Ganesha Somayaji, Product Service System Design for Sustainability: Food Chain, IIT LeNS Pilot Course Workshop, Indian Institute of Technology, New Delhi, 13<sup>th</sup> -18<sup>th</sup> July, 2009, "Social Restructuration, Gastronomic Transition and Social Mobility: A Case of Ud u pi Restaurateurs."

Ganesha Somayaji, XXXV All India Sociological Conference, Indian Sociological Society and Kashmir University, Srinagar, 10<sup>th</sup> -12<sup>th</sup> Oct., 2009, "Voluntarism, Social Mobilisation, and Women Empowerment: Self Help Groups and Rural Social Transformation."

Ganesha Somayaji, Seminar on Role of NGOs and Environmental Protection, Department of Sociology, Shivaji University, Kolhapur, 6<sup>th</sup>-7<sup>th</sup> March, 2009, "Environmentalism and Environmental Fundamentalism: Towards a Conceptual Trajectory of Development versus Environment Debate."

Alito Siqueira, National Seminar on the Spirituality of Primal Religions, Mangalore University Chair in Christianity, Mangalore, 10<sup>th</sup> -11<sup>th</sup> Feb., 2010, 'The Mother, My Mother and I.'

Joanna P. Coelho, XXXV\*All India Sociological Conference, Indian Sociological Society and Kashmir University, Srinagar, 10<sup>th</sup> -12<sup>th</sup> Oct., 2009, "The Script Question in Goa: Colonial Dictations and Post Colonial Practices."

Joanna P. Coelho, National Seminar on Dayanand Bandodkar and his Ideas: Relevance for Contemporary Goa, Indian Institute of Advanced Study, Shimla, and Department of Political Science, Goa University, Goa University, 20<sup>th</sup> - 21<sup>st</sup> March, 2010, "D.B. Bandodkar and the Politics of Language Use in Goa: Old Issues and Contemporary Concerns."

Joanna P. Coelho, Seminar on Role of NGOs and Environmental Protection, Department of Sociology, Shivaji University, Kolhapur, 6th - 7th March, 2009, "Identity, Environment and Development: A Situational Analysis of Environmental NGOs in Goa."

Political Science:

Rahul Tripathi, Changing Forms of Power in Global Political Economy, British International Studies Association, International Political Economy Group, York University, United Kingdom, 12<sup>th</sup> May, 2009, "International Political Economy : An Assessment from the Margins."

Rahul Tripathi, India and its Neighbours: Changing Trajectories of Relations, Department of Political Science, Osmania University Hyderabad, Hyderabad, 29<sup>th</sup> Oct., 2009, "Emerging India and its Neighbourhood Policy."

Rahul Tripathi, Political Economy of International Organizations, Georgetown University, Washington D.C., Washington D.C., 28th - 30th January, 2010, "A New Monetary Arrangement for Asia: A Political Critique."

Rahul Tripathi, India-Japan Relations, Symbiosis Centre for International Education, Pune, 11th - 12th March, 2010, "India-Japan: Towards Deeper Political and Economic Engagement."

Prakash Desai, Functional Dimensions of Parliamentary Democracy in India: A Review, J. S. S College, Gokak, Karnataka, 21st - 22<sup>nd</sup> August, 2009, "Idea of Democracy: The Question of Revitalising it in India."

Prakash Desai, Rights of the Girl child, R. P. D College, Belgaum, Karnataka, 19th - 20 Feb., 2010, "Girl Child in India: Some basic questions and societal role in their development."

Prakash Desai, The Role of Election Commission in Indian Democracy, A.R.G College, Davanagere, Karnataka, 27th March, 2010, "Democratising Elections in India."

Prakash Desai, Shri Aurobindo: The many splendored Visionary, Shri Aurobindo Society, Panaji, Goa, 4th April, 2010, "Relevance of Aurobindo's Political Philosophy."

Alaknanda Shringare, The Role of Election Commission in Indian Democracy, A.R.G. College, Davanagere Karnataka, 27th March, 2010, "The Role of Election Commission in Indian Democracy."

C LAS:

Aparajita Gangopadhyay, University of Bristol, United Kingdom, 9th - 10th April, 2010, to present a paper titled: "New 'Regionalisms' of the South: The Case of IBSA", at the 46<sup>th</sup> Annual Conference of SIAS.

Dattesh D. Parulekar, "The Changing Contours of US-Latin American Equations: Shifting Dimensions, Changing Perceptions, Newer Agendas", in the 21st Century", Mumbai, 17th Dec., 2009.

Dattesh D. Parulekar, International Training Seminar & Public Forum on 'Conflict Resolution, Negotiation and Mediation with a Focus on the Israel-Palestine Conflict and the Role of International Third Parties,' Global Majority, Monterrey Institute for International Studies, California, USA, Jerusalem, Israel, 2nd-13th August, 2009, "Dynamics and Impulses of International Third (State) Parties in the Israel-Palestine Conflict."

Leslie Alfonso, National Conference on "Contemporary Environmental issues, Technologies and Management", Deptt. of Geography, Smt.Parvatibai Chowgule Cultural Foundation College of Arts & Sc., Margao, Goa and Geographers Association, Goa.

Leslie Alfonso, National Seminar on "Contemporary Latin America: Recent Developments," UGC's Centre for Latin American Studies, Goa University, 18th Jan., 2010, "U.S. Military Engagement in South America : Continuity or Change."

CWS:

Shaila Dsouza, National Seminar on Economic Rights and Entitlements of Separated and Divorced Women in India, Economic Research Foundation and Women's Legal Forum, New Delhi, 22<sup>nd</sup> August, 2009, Some Issues from Goa State Commission for Women Experience with Maintenance for Women.

Shaila Dsouza, Awareness Programme for the Prevention of Sexual Harassment of Women at the workplace, CPSHW, Goa University, 16<sup>th</sup> - 17th Sept., 2009, Redressal Mechanisms and What is it that we can do?

Shaila Dsouza, State Level workshop 'Teaching Gender: Contemporary Debates', CWS, Goa University, 12th - 13th March 2010, Teaching Gender.

Faculty of Natural Sciences**Chemistry:**

- K. S.** Rana, Industr. Green Chem. Workshop, NEWREKA Green Synth Technol. Pvt.Ltd, Mumbai, 4th - 6<sup>th</sup> Dec., 2009, 'Energy effective, environmentally benign, Synthesis of submicron. .... metal nitrates in a Furnace Aerosol Reactor.'
- A. V. Salker, Proc.Intl. conf. on Nanosci. and Nanotechnol. (ICONN 2010), SR M University, Chennai, 24th - 26th Feb., 2010, "Upconversion Photo-luminescence .....cobalt tungstate nano materials."
- A. V. Salker, Intl. conf. MatCon 2010, CUSAT, Kochi, 11th -13th Jan., 2010, a) "Synthesis, magnetic and electrical properties .....by glycine combustion method".b) "Preparation.... of Ni doped."
- A. V. Salker, Thermans 2010, Kurukshetra University, Kurukshetra, 9th - 13th March, 2010, "Thermal studies of monomers..... iron tetraphenylporphyrins."
- V. R. Kamat, Seminar on Promotion of Goa as an education hub, University & College Teachers Association-Goa (UCTAG) & supported by DHE, Govt. of Goa, Cardium, NIO, Donapaula, 7<sup>th</sup> Oct., 2009, "Promoting Goa as an Education Hub: Tread with Caution."
- B. R. Srinivasan, SaBiC-2009, Mumbai, TIFR, 4th -7th Nov., 2009, "Structural chemistry of calcium carboxylates."
- R. N. Shirsat, Natl. Sem. on Applic. Of Spectr. Methods in Chem. Sc., 12th - 13<sup>th</sup> Jan., 2010, "Molecular Structure and Structural Parameter: A Problem Solving Approach."
- V. S.Nadkarni, National seminar cum workshop on SSNTD & Applications, a) Adesh institute of Engineering & technology, Faridkot (Punjab), 15th-17th March, 2010, "Modification of track etch optical properties of an indigenously prepared copolymer of allyl bis-(2-nitroxy-ethyl) carbomate (ABNEC) and Atyl diglycol carbonate(ADC) [ABNEC:ADC (1:9)] by gamma irradiation". b) "Radiation chemical yield for loss of ester bonds in cellulose acetate butyrate track detector(CAB) film exposed to gamma ray."
- V. S. Nadkarni, *Sixteenth National Symposium on Solid State Nuclear Track Detectors and their Applications* (SSNTD-16), Department of Physics, Guru Nanak Dev University, Amritsar, India, 9th -11th Nov., 2009, a)"Etching properties of an indigenously prepared solid state nuclear track detector PETAC:ADC copolymer". b) "Track etch characteristics of copolymer of Al lylbis-(2 nitroxy-ethyl) carbomate (ABNEC) and Allyl diglycol carbonate (ADC) [ABN EC:ADC (1:9)]."
- V. M. S. Verenkar, International Conf. MatCon, CUSAT, Kochi, 11<sup>th</sup> - 13th Jan., 2010, "Synthesis of ultrafine Cobalt-N icket autocatalytic decomp. of precursor."
- V. M. S. Verenkar, Thermans 2010, Kurukshetra University, Kurukshetra, 9th - 13th March, 2010, "Synthesis, Characterization, thermal and infra-red....."
- V. M. S. Verenkar, (NATCHEE2010), Dayaibagh Educational Institute, Agra, 7<sup>th</sup> -9th Jan., 2010, "Synthesis, characterization, magnetic properties and electrical studies of Ni<sub>0.6</sub>Zn<sub>0.4</sub>Fe<sub>2</sub>O<sub>4</sub> nanoparticles."
- S. N. Dhuri, Sa BIC-2009, Mumbai, "TIFR,4th-7th Nov., 2009, Hydride transfer..... catalyzed by high valent trans-[RuTMC)(O)<sub>2</sub>1<sup>2+</sup> complex."

**Computer Science:**

- Deepali Tatkar; Venkatesh Kamat, Ketil Bo, NCOSS-09: National Conference on Open Source Software, C-DAC Mumbai, Navi Mumbai, 24th -26th May, 2009, Xplano - Manufacturing Knowledge Management Tool Using Open CASCADE.
- Deepali Tatkar, Venkatesh Ka mat, ICM EE-2009: International Conference on Mechanical and Electronics Engineering (ICM EE 2009), Chen nai, 27<sup>th</sup> - 29th , June, 2009, Semi-automatic Manufacturing Feature Recognition for Feature Interaction Problem in Process Planning.
- Deepali Tatkar, Venkatesh Kamat, ICAM E 09 - International Conference on Advances in Mechanical Engineering, S. V. National Institute of Technology, Surat - Gujarat, Surat, 3th - 5<sup>th</sup> Aug., 2009, Automated Process Planning in Manufacturing using Knowledge Management.
- Ashok Kumar Jangam, Pral had Ramachandra Rao, Artificial Intelligence (International), S. 1.1., Tumkur, Tunkur, 16th - 18<sup>th</sup> Dec., 2009, "Random Number Approach for Addressing Issues of Classification Problems."

Ashok Kumar Jangam, Adavi Rao Desai, Pralhad Ramachandra Rao, Artificial Intelligence (International), S. I. T. Tumkur, 16th - 18th Dec., 2009, "Evaluation of Different Classifiers:A Case Study with Export Quality Cashew Grades."

Shantaram Walawalikar, Shilpa Desai, Ramdas Karma li, Sushant Naik, Damodar Ghanekar, Chandralekha D'Souza and Jyoti Pawar, 5th International Conference of the Global WordNet Association (GWO-2010), 11T Bombay, Mumbai, 31" Jan - 4th Feb., 2010, "Experiences in building up the Konkani Wordnet using the Expansion Approach."

P. R. Rao & Abhay Bhamaikar, Web Based Computing (national), DCSA, Mahatma Gandhi Kashi Vidhya pith, Varansi, 28<sup>th</sup> - 29<sup>th</sup> March, 2010, "Constraint Based Graph Mining."

P. R. Rao & Sweta Alve, Web Based Computing (national), DCSA, Mahatma Gandhi Kash i Vidhyapith, Varansi, 28th - 29th March, 2010, "A Method for Subspace Clustering for Numerical Data Using Cliques & Bicliques."

Mad humita Tamhane, R R. Rao, J. A. Laxminarayana, R. B. Lohani, Electronic Technologies (national), GEC, Goa, 16Th & 17<sup>th</sup> April, 2010, "A Fast and Efficient Single-pass Algorithm for Mining Association Rules for Wireless Adhoc Sensor Networks."

Deepali Tatkar, Venkatesh Kamat, "ERTAI-10: Emerging Research Trends in Artificial Intelligence", C-DAC M um bai, Navi M um bai, 17<sup>th</sup> April, 2010, "Integration of CAD/CAM using Intelligent Process Planning."

Yma Pinto, Education Innovation, WASET, Brazil, March, 2010, "Competency Based Curriculum Design & Assessment - A Step towards Employability."

Yma Pinto, Tech. in Education, 11T, Murnbai, July, 2010, "Measuring the Impact of a learner centric pedagogical activity for a core competency of a course in DBMS."

#### Earth Science:

K. Mahender, National Seminar on Sedimentary Basins & Mil Convention of IAS, Delta Studies Centre, Vishakapatnam, AP, 16th -18th Dec., 2009, "Carbonate Petrography & Diagenesis of Proterozoic Sequence of Kaladgi Basin."

K. Ma hender, DST Group Monitoring Workshop, Dept. of Geophysics, Andhra University, Vishakapatnam, 21" -23<sup>o</sup> Dec., 2009, "Multimedia Field Guide on Sedimentary Facies of Katchh, Gujarat."

#### Electronics:

G. M. Naik, Advances in Medical, Agricultural Electronics & Embedded System, DRM Science College, Devnagri, 27<sup>th</sup> Jan., 2010, Invitee Talk on "Applications of Biomedical Electronics."

R. S. Gad, invitee Talk, VS1 Goa Chapter, Goa, Nov., 2010, Invitee Talk on "Chemometric model for Blood Glucose Analysis."

V. R. Gad, F. F. Fernandes, J. S. Parab, G. M. Naik, IEEE Conference on New Generation Wireless communication Technology, Communication of Society and L&T Institute of Technology, Mumbai, Maharashtra, 30th - 31" Oct., 2009, "Wireless TCP/IP control soft-core based SOC platform for smart appliances."

A. Saldhana, I. Nazreth, R. Veluskar, V. R. S. Gad, G. N. Naik, IEEE Conference on New Generation Wireless communication Technology, Communication of Society and L&T Institute of Technology, Mumbai, Maharashtra, 30<sup>th</sup>-31" Oct., 2009, Study of W1MAX and simulation of Viterbi decoder.

J. S. Parab, R. S. Gad, G. M. Naik, 4th Annual National Symposium on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5th Feb., 2010. "Soft-core based embedded platform for Non-Invasive Glucose Analysis."

S. Vemekar, J. S. Parab, G. M. Naik, 4th Annual National Symposium on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5' Feb., 2010, "Use of electronic instrumentation in precession farming."

N. Shrivastava, G. Naik, B. Harmalkar, A. Sawa nt, J. S. Parab, R. S. Gad, 4th Annual National Symposium on on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5<sup>th</sup> Feb., 2010, "Strip Base Resistive Glucometer using ARM LPC2138."

A. S. Pokle, N. La Isab, S. Naik, M. Pires, S. Morajkar, R. S. Gad, D. Chodankar, 4th Annual National Symposium on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5th Feb., 2010, "Zigbee based wireless sensor Network for pollution monitoring."



- D. Gaokar, T. Khan, S. Gawas, N. Vetrekar, R. S. Gad, 4th Annual National Symposium on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5th Feb., 2010, "Remote surveillance face recognition system for high security premises."
- Ingrid Nazareth, G. M. Naik, 4th Annual National Symposium on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5th Feb., 2010, "Estimation of Cholesterol by Impedance Measurement based on DSP technique."
- V. R. Gad, R. S. Gad, G. M. Naik, 4th Annual National Symposium on VLSI & EMBEDDED SYSTEM, VSI Goa Chapter, Goa, 5th Feb., 2010, "Implementation of Gigabit Ethernet using Double CRC-32 technique."

## Faculty of Life Sciences and Environment

### Botany:

- Janarthanam, M. K., Angiosperm Systematics & Phylogeny: Retrospects & Prospects, National Botanical Research Institute, Lucknow, 12th -14<sup>th</sup> , Nov., 2009, "Endemic plants and the climate change."
- Mascarenhas, M. E. & M. K. Janarthanam, Angiosperm Systematics & Phylogeny: Retrospects & Prospects, National Botanical Research Institute, Lucknow, 12<sup>th</sup> -14<sup>th</sup> , Nov. , 2009, "Threat status of the endemic species of family Acanthaceae from the Northern and parts of Central Western Ghats."
- Sidhesh S. Naik, M. K. Janarthanam and S. Krishnan, Angiosperm Systematics & Phylogeny: Retrospects & Prospects, National Botanical Research Institute, Lucknow, 12th -14<sup>th</sup> Nov., 2009. "Conservation of *Phyllanthus* a critically endangered species from Western Ghats."
- B. F. Rodrigues, "Mycorrhizal Bioinoculants", Sant Gadge Baba Amravati University Amravati Maharashtra, Amravati, 18th Jan., 2010.
- Nair Radhika & B. F. Rodrigues, "New Vistas for Mycology in Meeting Global Challenges and 35<sup>th</sup> Annual Meeting of the Mycological Society of India", Madras University, Chennai, 29<sup>th</sup> - 30<sup>th</sup> Jan., 2009, "Influence of Arbuscular Mycorrhizal (AM) fungi on a ndrographolide concentration in *Andrographis paniculata*."
- B. F. Rodrigues, National Seminar on "Recent Advances in Molecular Microbiology & Microbial Technology", Kakatiya University, Warangal, 22<sup>d</sup> -24<sup>th</sup> Jan., 2009, "Arbuscular Mycorrhizal (AM) fungi in iron ore mine wastelands of Goa -diversity and applications."
- B. F. Rodrigues, "Microbial Inoculants", Government College of Arts, Science and Commerce, Quepem, Goa and NIO, Dona Paula, Goa, 11th - 12th Feb., 2010, "Role of arbuscular mycorrhizal fungi in sustainable development and mine waste land management."
- B. F. Rodrigues, "Recent Advances in Plant Sciences", Padmashri Vikhe Patil College, Pravaranagar, Ahmednagar, Maharashtra, 15<sup>th</sup> - 17<sup>th</sup> Feb., 2010, "Diversity and recent advances in AM fungal research."
- Suraksha Pednekar, Kerkar Vijaya and S. G. Prabhu Matondkar, Vijaya Kerkar and Arcangela Lobo, International Conference on Algal biomass, Resources and Utilization, Stella Mans College, Chennai, Chennai, 27th - 30th July, 2009, "Microalgae as indicator of human induced ecological changes in estuaries of Goa, India", "Desmid Diversity of North Goa , India."
- Baskaran, M and S. Krishnan, National Symposium on "*Garcinia*", Genetic Resources Linking Diversity, Livelihood and Management, College of Forestry, Sirsi, India, 8th - 9<sup>th</sup> May, 2010, "*In-vitro* plant regeneration of *Garcinia indica* Choisy from the Western Ghats of Goa, India."
- Baskaran, M. and S. Krishnan, Biotechnology: Fusion of Advanced Research and Training. School of Biotechnology, Madurai Kamaraj University, Madurai, India, 2<sup>d</sup> - 4th Jan., 2010, "*In vitro* regeneration and mass multiplication of medicinal and economically important plant *Garcinia indica* Choisy from Western Ghats of India."
- Naik, S. S., M. K. Janarthanam and S. Krishnan, XIX Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT) & International Symposium on "Angiosperm Systematics & Phylogeny: Retrospects & Prospects", National Botanical Research Institute, Lucknow, India, 12th -14th Nov., 2009, "Conservation of *Phyllanthus talbotii*, a critically endangered species from Western Ghats."
- Kamat, N. M., Indian microbial diversity-ideas for conservation, Brainstorming session to establish Marine Microbial

culture collection facility, Ocean and Atmospheric Sciences and Technology Cell, Dept. of Microbiology, Goa



University and Dept. of Earth Sciences, Govt. of India, New Delhi, International Centre, Goa, 2nd - 3<sup>rd</sup> Aug., 2009.

Kamat, N. M., Towards excellence in GVM's educational institutions in the next decade, GVM, Ponda, Ponda, 27<sup>th</sup> Sept., 2009, "Higher education in the next decade."

Kamat, N.M. & S. Velho-Pereira, National Seminar on Fungal Biodiversity & Bioprospecting in the age of Global Warming and 36th Annual Meeting of Mycological Society of India, Dept. of Botany, 29<sup>th</sup> - 30<sup>th</sup> Oct., 2009. "Exploring hidden dimension of soil fungal biodiversity: a simple technique to detect soil fungi resistant to antifungal compounds."

Kamat, N.M. & Albuquerque, M., National Seminar on Fungal Biodiversity & Bioprospecting in the age of Global Warming and 36th Annual Meeting of Mycological Society of India, Dept. of Botany, Goa University, 29<sup>th</sup> - 30<sup>th</sup> Oct., 2009, 'Exploration of starch loaded habitats & samples for isolation of industrially useful amylolytic yeasts.'

Kamat, N. M. & Talaulikar Indira, State level seminar on Environment: issues, concerns and alternatives, Govt. College of Arts, Science & Commerce, Khandola, Khandola, 8<sup>th</sup> Jan., 2010, "Need for a radical paradigm shift for Ecofriendly Mining in Goa: A case for sustainable environmental management and wealth generation in the 21st century, with emphasis on new developments in mineral biotechnology."

Ramat N. M. & S. Velho-Pereira, State level seminar on Environment: issues, concerns and alternatives, Govt. College of Arts, Science & Commerce, Khandola, 8<sup>th</sup> Jan., 2010, "How natural catastrophes and human interference would affect the soil microbial diversity of Goa: ecological and economic implications and an action plan for a sustainable soil microbial resources management."

Kamat, N. M., International Seminar on A low carbon economy-construction, energy and investment perspectives, City of London and CH, Marriott Resort, Panaji, 22nd March, 2010, "Potential for low carbon economy in Goa."

Kamat, N. M., UGC sponsored National Seminar on Reading culture and Marathi language, DCC's Dhempe College of Arts & Science, CI ube Gaspar Dias, Miramar, 26<sup>th</sup> - 27<sup>th</sup> March, 2010, 'Modernity and reading habits.'

Kamat, N. M., National Seminar Environmental Behaviour: issues, challenges & prospects, St. Xaviers' College, Mapusa, 26<sup>th</sup> March, 2010, "Challenges faced in understanding and changing environmental behaviour.'

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## **D: Articles in Books:**

### Faculty of Languages & Literature

English:

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### Faculty of Social Sciences

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## CLAS:

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Faculty of Natural Sciences

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## Microbiology:

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Zoology:

I. K. Pai., Sameer Terdalkar and M. L Pereira, Zooplankton diel vertical migration at Andaman Sea. P:113-129, Book Ed: Ramakrishna, Raghunathan, C. and Sivaperuman, C., Director, Zoological Survey of India, (Govt. of India), 2010.

## E: Books/Reviews

(Author (s), Details of Book/Monograph, Journal, Volume & Page No. Month & year of Publications).

### Faculty of Languages & Literature

**Konkani:**

P. S. Tadkodkar reviewed "Shree Naradachim Bhakti Sutra m" for Jaag Vol 36, No 4, Jan.-April 2010: **71-72**.

**Hindi:**

Ishrat Bi. Khan, Manavman Ki Gahrayeion Ka Dastavez, 'Anbhay' Mumbai Pg.no 108-111, April - June 2009.

### Faculty of Natural Sciences

**Computer Science:**

**Jhimli Adhikari**, Research student of the department has reviewed three papers for an international journal titled "Pattern Recognition Letters" published by Elsevier.

Yma Pinto, reviewed a paper for Computers and Education, Elsevier.

### Faculty of Life Sciences and Environment

**Botany:**

**Janarthanam, M. K., K.** Althaf Ahamed Kabeer and V. J. Nair. Flora of Tamil Nadu - Grasses. Botanical Survey of India, Ministry of Environment & Forests, Rheedea 19: 75 - 76, December, 2009.

## F: Books /Monographs Published

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

### Faculty of Languages & Literature

**English:**

Andre Rafael Fernandes, *Let the Curtains Rise*, Tiatr Academy of Goa, Panaji, April, 2010.

**M a r a t h**

**S. M.** Tadkodkar, *Goan Christian Marathi Vilapika of the lith Century*, B. R. Publishers, Delhi, Dec., 2010 (a research book).

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### Faculty of Social Sciences

**History:**

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**Sociology:**

Ganesha Somayaji, in association with Sakarama Somayaji, edited a book **titled** *Environmental Concerns and Sustainable Development: Some Perspectives from India*. Published by the TERI, New Delhi in year 2009.

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- Economics:**  
S. M. Noronha, Employment and Development in Goa (2010), Broadway Book Publishers, Panjim, 2010.
- Philosophy:**  
Sanjyot D. Pal Vernekar, Ethics of Informed Consent, Academic Excellence, August, 2009.

### Faculty of Life Sciences and Environment

- Botany:**  
D. J. Bhat, Fascinating Microfungi of the Western Ghats, India, Broadway Publishers, Panaji, Nov., 2009.
- B. F. Rodrigues and T. Muthukumar, Arbuscular Mycorrhizae of Goa A manual of identification protocols, Goa University, 2009.

## **G. Sponsored Consultancy Work**

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

### Faculty of Social Sciences

- Economics:**  
Pranab Mukhopadhyay, ICIMOD, Kathamandu, Dec., 2009 - Dec., 10, Rs. 60,000/-.

### Faculty of Natural Sciences

- Computer Science:**  
V. V. Kamat and R. Wagh, Preparation of Video based training material in Software Engineering for US based Web performance company named Gomez (Feb., 2010).
- Electronics:**  
DIGITAP- Phase I, Sep., 2009, Indian Navy, 23.00 lakhs.

### Faculty of Lite Sciences & Environment

- Marine Science:**  
G. N. Nayak, consultant, Marine ecological survey for the proposed loading jetty along the upstream bank of Zuari Estuary, Goa, Aditya Environmental Services Pvt. Ltd. Mumbai, Rs. 11,62,550/.
- Biotechnology:**  
Savita Kerkar, Bacterial analysis of water from Eureka Forbes water filter, Eureka Forbes, 1 month, Rs. 6,100/.'



**Ph. D. Awardees for the year 2009 -2010**

Sr.	Name	Subject	Guide	Title
1	Am rish Sinhaa	Hindi	B. K. Sharma	Nasira Sharma ke sath-sahitya mein stree vimarsh
2	Tamal Guha	English	K. S. Bhat	A Postcolonial Critique of Ni rad C Chaudhari's writings
3	Prema Rocha	English	K. S. Bhat	Salman Rushdie: A Critical Study of his. Novels
4	Joanna Pereira	Sociology	Ganesha Somayaji	The Youth in Contemporary Goan Society: A Study in Sociology of Youth
5	Christina De Souza	Economics	S. M. Noronha	Labour Welfare and Job Satisfaction: A Comparative study of India
6	Gregoria Ruiz	Sociology	Ganesha Somayaji	The Youth in Contemporary Goan Society: A Study in Sociology of Youth
7	Anna Ferro e Fernandes	Economics	S. M. Noronha	Marketing Practices and problems of Pharmaceutical Companies registered in Goa
8	Reyna Sequeira	Sociology	R. B. Pati i	Mitagars of Goa (A Sociological study of a Community registered in Goa)
9	Rathan Mashelkar	Chemistry	K. S. Rane	Synthesis and Characterisation of Catalytic and Sensor Materials
10	Reshma Kurungi	Chemistry	S. G. Tilve	Synthesis of Selected Natural and Non-natural compounds
11	Mahesh Majik	Chemistry	S. G. Tilve	Synthetic Studies of Alkaloids containing Proline Structural Motif
12	Miskil Naik	Physics	P. R. Sarode	Interactive Effects of Impurities in Chain and Plane Sites in Cuprate Superconductors
13	Swati Pawar	Physics	R. V. Pai	Quantum Phase Transitions in Quasi Crystals
14	Ashish Naik	Chemistry	B. R. Srinivasan	Synthesis, Spectroscopy, X-ray structures and Reactivity Studies of oxido and sulfide compounds of group VI metals
15	Govind Parab	Botany	S. Krishnan	Micropropagation, Biochemical & Molecular Studies of Orchids of Western Ghats of Goa and its Environs
16	Sanjay Rana	Mar. Sc.	Rajiv Nigam	Study of foram iniferal distribution in surface and subsurface sediments of Central Coast of India and their paleo-ecological significance

17	J. Ravichand	. Biotechnology	S. C. Ghadi	Bacterial Agarase Characterisation and its exploitation in Biotechnology
18	Rajdeep Roy	Mar. Science	M. Dileep Kumar	Influence of phytoplankton community structure on the abundance and emissions of volatile halogenated organic carbons (VHOC) in the Arabian Sea
19	Huma Alam	Mar. Science	Anil Chatterji	The Indian horseshoe crab <i>Tachypleus gigas</i> (Muller) and its biomedical application
20	Catherine Jebaraj	Mar. Science	C. Raghukumar	Ecology of Fungi in the denitrification zones of the Arabian Sea
21	Mahesh Kaliwal	Zoology	Ashwani Kumar	Biocology of <i>Culex quinquefasciatus</i> , principal vector of lymphatic filariasis in Panaji, Goa, India
22	Jyosna Nail <sup>&lt;</sup> Dessai	Botany	M. K. Janarthanam	Taxonomic studies on the genus <i>Impatiens</i> L. (Balsaminaceae) of Northern and Central Western Ghats with special reference to endemic species
23	Anoop Tiwari	Mar. Science	G. N. Nayak	Efficacy improvisation of wastewater treatment system and effluent management of Indian Permanent Research station Maitri in Polar environment in Antarctica.
24	Maria Celisa Santomano	Microbiology	S. Bhosle	Production of polyhydroxyalkanoates using <i>Bacillus</i> spp.
25	Sujata Kurtarkar	Mar. Science	Rajiv Nigam	Benthic Foraminifera under laboratory culture experiments: Ecological Implications
26	Nimali Prabhu	Microbiology	S. Bhosle	Polyhydroxyalkanoates(PHA) Synthesis in selected <i>Bacillus</i> spp.
27	K. P. Krishnan	Mar. Science	P. A. Loka	Bharathi Benthic Nitrification in Mangrove Ecosystems
28	Anil Kumar Garag	Commerce	B. Ramesh	Valuation of Futures in Indian Stock Markets: An Empirical Analysis
29	Harip Khanapuri	Commerce	Anjana Raju	Dynamics of Returns in Emerging Markets: Evidence from Asian & Indian Stock Markets
30	Mary John	Commerce	Anjana Raju	Corporate Governance in selected industries: An Empirical Analysis
31	Christo Fernandes	Mgmt . Studies	Satish Kumar	Impact of personal and Job/organisational Factors Valentine Fernandes on Organisational

				Role Stress -An Empirical study of Private and Public Bank Officers
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## LIST OF RANKERS (PG)

Course	Rank I	Rank II	Rank III
<b>M.A. Konkani</b>	Naresh Naik		
MA Hindi	Pradnya Yadav	Pawaskar Deepali	
<b>M.A. History</b>	Deepti Kocharekar		
MA. Geography	Sweta Shirodkar	Kama! Puranik	Silva Lobo Rovenia Maria
<b>M.A. Pol. Sc.</b>	Antao Chris Electra		
M.A. Psychology	Nirmala Rebell°	Andrade RachelNivedita	Amita Korgaonkar
M.A. Int. Studies	Carvalho Martins	Carvalho Philippa Marie	
M.A. Economics	Rai kar kamiya		
M.Sc. Physics	Farha Anjum	Rebell() Jolita Marcia Savina	Gurpreet Kaur
M.Sc. Zoology	Surlikar Manju	Sony R. K.	
M.Sc. Botany	Priti Mysore	Indira Talaulikar	Shweta Saudagar Trupti Tani
M.Sc. Mr. Biotech.	Judith Noronha	Nish i Gupta	Buddaseth Salma A.
M.Sc. Mr. Science	Jyoti Kum bhar	Araujo Jelsy	D'Mello Joshua Rosario
M.Sc. Comp. Sc.	D'Souza Lyza Joan		
M.Sc.Electronics	Lobo Shane A. Esse	Pritesh Desai	Swapnil Karapurkar
M.Sc. Org. Chem.	Hari Kadam	Bugde Sandesh	Mira Paramekar alias Suvighya
M.Sc. Inorg.Chem.	Coutinho Daniel Marven	Ashwini Gokhale	Arya Malnekar
M.Sc. Phy. Chem.	Pranay Morajkar	Prajakta Parab	Diptesh Naik
M.Sc. Geology	Yogita Bakhale	D'Souza Pereira Samantha	Shantaram Bhadarkar
M. Sc. 1.1.	Colaco Milea		
M. Sc. Comp. App.	Uma Kamat	Mina] Negvekar	Anand Kumar
M.B.A.	Parind Prabhu Gaonkar	Vivek Raje	Kisnakumar E.
	Kiran Dahitya	Anuj Ka mat	
<a href="#">M.Com.</a>	Janet Velho	Felcy Coelho	Pinky Kumari
M. F.S.	D'Souza Alen J. A.	Jason Dias	
LL.M.	Cotta Do Rego Luella	S.Braganza Vivian Romuald	
<b>M. Per. Art</b>	Pritimala Dhawaskar	Sachin Tell	Kama laxi Porob Pradnya Naresh

## **PART 4:**

### **GENERAL ADMINISTRATION**

#### General Information

The Works Division of the University has undertaken construction of infrastructural facilities at the University campus. Construction of the Jubilee Hall has been completed. The new Boys' Hostel, a project of GSIDC, has been completed and commissioned.

The following major Works are currently under progress:

1. Construction of Women's Hostel
2. Hostel for Academic Staff College.
3. Compound wall (Calapur Village).

The following major works are expected to commence shortly:

- i) Health Centre
- ii) Fitness Centre
- iii) Auditorium
- iv) Compound wall (Bambolim Village).
- v) Compound wall (Taleigao Village).

The Works Division has also undertaken painting, water proofing and regular maintenance works for various buildings at the University campus. Parking areas with pavers and inter-connecting tiled footpaths have been provided.

Construction of new Life Sciences block, being executed by GSIDC, is in progress.

#### Computerisation and IT **Infrastructure**

During the year the Computer Centre processed all examination results as well as the payroll of the University in a time bound manner. New systems were designed and implemented for the Examination section. The Computer Center developed and implemented the Central Inventory System for Purchase Section and Leave Record Management System for General Administration of the University.

The Computer Centre has also undertaken suitable modification and upgradation of the existing software on regular basis. Students, teachers and the general administration were also extended the various IT related services.

The Centre has managed efficiently the entire campus network as well as the Internet services on wired and wireless network. The switches were upgraded at many places and the Network was extended on the campus. The Internet bandwidth was upgraded to 20 Mbps due to which the browsing speed has improved substantially.

#### **Conduct of Examinations**

The University conducted examinations in 27 Bachelor's Degree programmes, 63 Master Degree programmes and 11 Post Graduate Diploma programmes during the year 2009-2010.

#### **Library**

**The** Goa University Library and the Information Centre was established in the year 1985 as part of the then Post Graduate Centre of Bombay University (CPIR). This Library, now

in the 25<sup>th</sup> year, has developed into a huge library with modern facilities. The library has a collection of 131276 books and 8650 volumes of bound journals. The library subscribes to 458 periodicals of out of which 152 are foreign journals.

The library is automated for its routine works and the entire collection is bar-coded. The library also offers access to general reference materials like the Encyclopaedia Britannica and the Encyclopaedia of Science and Technology, The world Book Encyclopaedia, The Oxford English Dictionary and the Manorama Year book. The library also holds in its digital collection the INFLIBNET's COPSAT database, through which the abstracts of Science and Technology journals can be searched.

#### LIBRARY HOME PAGE

The library home page can be accessed through the INTERNET link:

<http://goal.net.0nigoa.ac.in/library/Indexed.htm>

All the resources of the library can be accessed through this webpage. All the relevant information and services are detailed in this page. This site is equipped to answer most queries of the users.

#### UGC-INFONET CONSORTIA:

Goa University library being the first Phase member of UGC-INFONET programme avails the IP authenticated E-journals subscription facility extended by the INFLIBNET Ahmedabad. All users of the library can access these electronic journals through the Intranet:

Internet link for searching ugc infonet:

<http://www.inflibnetac.injecon/search.html>

Internet link for icccOugc-infonet:

<http://www.iccc-ugcinfonet.in/>

#### DELNET SERVICES

Developing Libraries Network has been offering inter-library loan services to the subscribing libraries. Goa University Library has access to the various services of DELNET like "Database of periodical articles", "Union lists" "Database of Thesis and Dissertations" and many other databases.

#### Other facilities:

The Library has access to the India stet website ([www.indiastat.com](http://www.indiastat.com)) and Sciencedirect e-journals within the campus. Another important information service is added to the library resources with the help of INFLIBNET Centre is the web of Science database.

#### INTERNET BROWSING FACILITY

The Library is equipped with a Computer Centre with 30 Internet-enabled computers, which the faculty and students can use for browsing the Internet. The Library campus also has a 2mbps broad band connection in the campus with Wi-Fi access.

#### Students Sports Activities

##### **Participation at Inter -University Championships 2009-2010**

Events	Zone	Venue	Performance
1. Cross Country (Men)	All India	Kottayam	Satisfactory
2. Cross Country (Women)	All India	Kottayam	Satisfactory
3. Volleyball (Men)	West Zone	Vallabh Vidyanagar	Satisfactory

4. Football (Men)	West Zone	Paten	1 <sup>st</sup> Position
5. Football (Men)	All India	Coimbatore	Satisfactory
6. Swimming (Women)	All India	Amritsar	2 Gold Medals in 3 mtr. & 1 mtr. spring board diving
7. Football (Women)	South West	Pond ichery	4 <sup>th</sup> Place
8. Football (Women)	All India	Kurukshetra	Satisfactory
9. Judo (Men)	All India	Chandigarh	2 judokas reached 3rd round, 1 in 2nd round
10. Judo (Women)	All India	Chandigarh	Satisfactory

## Inter - collegiate championships 2009-2010

EVENTS	MEN'S SECTION		WOMEN'S SECTION	
	WINNER	R-UP	WINNER	R-UP
1. Badminton	SSDempo	PGGU	PCCE	RIEIT
2. Table Tennis	G E C	Dhempe	M E S	St. Xavier's
3. Judo	Rosary	PGGU	Quepenn	Rosary
4. Chess	G E C	GMC		
5. Cross Country	Rosary	Mallikarjun	Rosary	Quepem
6. Weight Lifting	D M C	PGGU		
7. Power Lifting	D M C	MES		
8. Best Physique	Dhempe	Chowgule		
9. Swimming	PCCE	GEC	Damodar	Dhempe
10. Cycling	Rosary	Chowgule		
11. Football	Fr. Agnel	St. Xavier's	Don Bosco	St. Xavier's
12. Basketball	St. Xavier's	Don Bosco	St. Xavier's	Don Bosco
13. Tennikoit			Rosary	Mallikarjun
14. Tennis	Fr. Agnel	Chowgule		
15. Kabaddi	Salgaocar	Zantye	Pernem	Sanquelim
16. Handball	Chowgule	Rosary	Rosary	St. Xavier's
17. Kho Kho	C ES	Mallikadun	Mallikarjun	Quepem
18. Volleyball	Zantye	Fr. Agnel	Carmel	St. Xavier's
19. Hockey	St. Xavier's	Fr. Agnel	St. Xavier's	Rosary
20. Cricket	GEC	D M C	S S Dempo	Don Bosco
21. Athletics	St. Xavier's	Rosary	D M C	Quepem

Directorate of Students' Welfare and **Cultural Affairs**

The welfare activities of the students are looked after by the Directorate of Students' Welfare and Cultural Affairs. The main task of this Directorate is to look after the two main associations of the students — (1) Goa University Students' Council, which is the representative body of the students from the various colleges affiliated to Goa University and the Post Graduate students, and (2) Post Graduate Students' Union which is the representative body of the Post Graduate students of Goa University.

The Directorate of Students' Welfare and Cultural Affairs organises Inter-Collegiate and Inter University youth Festivals, Workshops, Competitions, Seminars etc. in the field of Arts, Dance, Music, Theatre, Literature, Social Services etc. The students are also trained to take active part in the various activities organised by the Government and the Semi - Government institutions.

The Directorate also offers the following schemes for the Post Graduate Students of Goa University.

**Earn While you Learn:** During 2009-10, twelve students took the benefit of this scheme.

**Students' Aid Fund:** During 2009-10, 85 students were given financial assistance to meet their expenditure on tuition fee.

**Students' Safety Insurance Scheme:**

**Under the** scheme all Post Graduate students of Goa University as well as students of various colleges affiliated to Goa University were covered so to avail the Insurance benefits at the time of calamities such as accident, loss of part of the body, death etc.

**Plateau nice:**

**This** is an annual event organised by the Post Graduate students at the University campus. It is an Inter Faculty Youth Festival wherein all students get an opportunity to meet on a common platform in pursuit of their interests in music, art, dance, stage performance, etc.

**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 the improvement in the Management of Higher Education, and to bring 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 in February 1988. In addition to Orientation and Refresher Courses, the UGC-ASC has been regularly organizing 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. Refresher Course participants are trained to use software packages pertaining to their particular discipline.

Till date the UGC-ASC at Goa University has completed 81 Orientation Programmes and 162 Refresher Courses covering 2808 and 4722 participants respectively. During the year 2009-10 the UGC-ASC conducted 4 Orientation Programmes and 2 Refresher Courses in Hindi and Economics.



Refresher/Orientation Courses conducted in 2009-10			
Courses Conducted	Male	Female	Total
78th Orientation Programme			
4.12.2009 to 31.12.2009	39	8	47
Refresher Course in Hindi			
27.1.2010 to 16.2.2010	27	5	32
Refresher Course in Economics			
18.2.2010 to 10.3.2010	13	11	24
79th Orientation Programme			
27.2.2010 to 26.3.2010	34	3	37
80th Orientation Programme			
29.3.2010 to 27.4.2010	31	17	48
81st Orientation Programme			
31.3.2010 to 29.4.2010	30	4	34

#### Health Centre

The Health Centre at Goa University situated at D-19, near Guest House, 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 10.00 am to 5.30 pm on all working days.

The services provided are:

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

##### (A) FACULTY IMPROVEMENT PROGRAMME

Sr.No.	Teacher	College
1.	Vinaya R. Gad	G.V.M.'s Gopal Govind Poy Raiturcar College of Commerce and Economics, Farmagudi, Panda, Goa.
2.	Smitha G. Bhandare	S.S. Dempo College of Commerce & Economics, Altinho, Panaji, Goa.
3.	Pravina Kerkar	Government College of Arts, Science & Commerce, Khandola, Marcela, Goa.
4.	Yasmin Z. Shaikh	St. Xavier's College of Arts, Science & Commerce, Mapusa, Bardez, Goa.
5.	Prakash M. Morakar	Cuncoilm Educational Society's College of Arts & Commerce, Cuncoilm, Salcete, Goa.

**(B) UGC POST DOCTORAL FELLOWSHIP**

Sr.No.	Teacher	College
1.	Mini Vijayan	Carmel College for Women, Nuvem, Goa.
2.	K.G.Sankaranarayanan	Narayan Zantye College of Commerce, Bicholim, Goa.

**[II PROPOSALS ACCEPTED BY UGC:****(A) MINOR / MAJOR RESEARCH PROJECTS OF UGC SCHEME**

(Sr.No., Name of the college, Name of Teacher/s, Title)

1. Smt. Parvatibai Chowgule College of Arts & Science, Margao, Goa, Belurkar Roopa S., Synthesis, Characterization, Biological Activity of some Metal Complexes.
2. Smt. Parvatibai Chowgule College of Arts & Science, Margao, Goa, Dicholkar Anagha D., Velips in Goa - Their Society, Problems and Prospects.
3. Govt. College, Khandola, Goa, D. Shridhar, M. Gurav, Synthesis and characterization and study of Electrical & Magnetic Properties of Nanostructured Mixed Ferrite Material.
4. PES's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda, Goa, Vaze Vishwanath D., Use of Carbon Paste Electrodes in Potentiometric Determination.
5. PES's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda, Goa, Harsha P. Uskaikar, Ag and Ag-alloy nanoparticles for direct borohydride fuel cells as anode materials. (Major Project).
5. PES's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda, Goa, Carolina F. E. Fernandes, Exopolysaccharides from hypersaline habitats.
6. PES's Shri Ravi S. Naik College of Arts and Science, Farmagudi, Ponda, Goa, Sima V. Kamat, Fungal Diversity of Fresh Water Wetlands of Goa.
7. Govt. College of Arts, Science & Commerce, Quepem, Goa, Patil Parasharam A., Bancassurance: An Emerging Distribution channel in Public Sector Insurance Companies - An Empirical Study.
8. G.V.,M.'s College of Commerce & Economics, Farmagudi, Ponda, Goa, Sulaxana R. Vernekar, Feasibility, Design and Development of Smart Soil Monitoring System.
9. Fr. Agnel College of Arts & Commerce, Pilar Goa, Mhamal M.C., A Study of the Best Practices Adopted in College and University Libraries in Goa in relation to National and International Standards.

**(B) FACULTY IMPROVEMENT PROGRAMME**

Sr.	Teacher	College
1.	Annie F. D'souza	Govt. College of Arts, Science & Commerce, Quepem.
2.	Pravina P. Kerkar	Govt. College of Arts, Science & Commerce, Khandola.
3.	Padmaja V. Kamat	PES 's Shri Ravi S. Naik College of Arts & Science, Ponda.
4.	Savio Da Piedade	Fa Ileiro Rosary College of Commerce and Arts, Navelim.

**(C) TRAVEL GRANT TO COLLEGE TEACHERS FOR PRESENTING PAPERS IN INTERNATIONAL CONFERENCE(S)** (Sr.No., Name of the Teacher, College, Title)

1. Nandakumar N. Sawant, Smt. Parvatibai Chowgule College, Margao, 'Urbanisation and Marginalisation of the Local Communities: A Case of Catholic Gauchos of Margao'(Tenth Asian Urbanisation Conference, China, 16th- 19<sup>th</sup> August, 2009)
2. Afonso Manuel Botelho, Rosary College of Commerce, Navelim, 'Medium of Instruction Policy during Early Schooling and Infringement of Human Rights.' (Conference on Humanity, Development and Cultural Diversity, China, 27<sup>th</sup> - 31<sup>st</sup> July, 2009)

**PART 5:**  
**AFFILIATED COLLEGES**

- (a) Non-Professional Colleges
1. Dhenpde College of Arts and 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 and Economics, Altinho; Panaji
  5. Carmel College for Women, Nuvem, Salcete
  6. M.E.S's College of Arts and Commerce, Zuarinagar
  7. Shree Damodar College of Commerce and 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 and Economics, Ponda
  10. R E.S.'s Shri Ravi S. Naik College of Arts and Science, Ponda
  11. Naval Academy, I N S Mandovi, Verem
  12. Cuncolim Education Society's College of Arts and Commerce, Cuncolim
  13. Government College of Arts, Science and Commerce, Sanquelim
  14. Goa College of Home Science, Campal, Panaji
  15. Government College of Arts, Science and Commerce, Khandola, Marcela
  16. Government College of Arts, Science and Commerce, Quepem
  17. Rosary College of Arts and Commerce, Navelim
  18. Saraswat Vidyalaya Society's College of Commerce and Management Studies, Mapusa
  19. Fr. Agnel College of Arts and Commerce, Pilar
  20. Shree Mallikarjun College of Arts and Commerce, Canacona
  21. Government College of Arts and Commerce, Pernem
  22. Zantye Brothers' Educational Foundation's College of Commerce, Bicholim
- (b) Professional Colleges
23. GSS's Don Bosco College, Panaji
  24. Goa College of Pharmacy, Panaji
  25. Goa Engineering College, Farmagudi, Goa
  26. Nirmala Institute of Education, Altinho, Panaji
  27. Goa College of Fine Art, Altinho, Panaji
  28. Ma hadeorao Salgaocar College of Law, Miramar, Panaji
  29. Govind Ramnath Kare College of Law, Margao

30. Goa Dental College, Bambolim
31. College of Architecture, Altinho, Panaji
32. Goa College of Music, Altinho, Panaji
33. Institute of Nursing Education, Panaji
34. Goa Vidyaprasarak Mandal's College of Education, Panda
35. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Res. Centre, Shiroda.
36. Goa Medical College, Bambolim
37. Shivgram Education Society's Homoeopathic College and Hospital, Shiroda
38. National Hydrographic School, Vasco-da-Gama
39. Padre Conceicao College of Engineering, Verna
40. Vidya Vikas Mandal's Institute of Management, Training and Research, Margao
41. INS Hamla, Mumbai
42. Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda
43. P. E.S. College of Education, Panda
44. Victor Medical & Foundation Research, Margao
45. Institute of Psychiatry & Human Behaviour, Bambolim
46. Vrundavan Institute of Nursing Education, College of Nursing, Porvorim, Bardez
47. R E.S. College of Pharmacy Education & Research, Farmagudi, Ronda

## 5. NON- PROFESSIONAL COLLEGES

### 5.1 DHEMPE COLLEGE OF ARTS & SCIENCE, PANAJI.

Year of establishment: 20-06-1962.

Principal's name and address: Shrikant V. Deshpande (on Sabbatical Leave) Dhempe College of Arts and Science, P.O Box 222, Miramar Goa,

Yasmin Modassir (acting Principal from 1st Aug.,10 till date), Dhempe College of Arts and Science, P.O Box 222, Miramar, Goa.

Website [www.dhempecollege.com](http://www.dhempecollege.com).

Courses offered and sanctioned strength: B. A.- 80 per division, B. Sc.- 80 per division, B. Sc. Biotechnology - 30, B. Sc. Fire Technology - 30, B. Sc. Computer Science- 30, Post Graduate Diploma in Journalism and Mass Communication - 10, Post Graduate Certificate Course in Industrial and Analytical Techniques - 25

**Faculty strength:** 57.

**Achievements of the college**

Accredited with CGPA of 3.12 on four point scale at A grade by National Assessment and Accreditation Council (an Autonomous Institution of the University Grants Commission) on 28th Mar.,2010.

The college was granted TUV NORD Management System as per DIN EN ISO 9001: 2008 in accordance with TUV NORD CERT procedures. The certificate states that DCT's DHEMPE COLLEGE OF ARTS AND SCIENCE, Miramar, Panaji, Goa 403 001, applies a management system in line with the above standard to impart education in Arts and Science leading to bachelor's degrees issued by Goa University.

**Teachers deputed for higher studies under FIP**

Shilpa R. Samant (FIP) - Department of Economics

**Sports achievements**

- Swimming team (women) won the runners up position at the Inter collegiate tournament held on 2<sup>nd</sup> October, 2009.
- Francis Fernandes won a gold medal in Inter Collegiate Body Building championship and two gold medals in Discuss Throw and Shot put at the inter collegiate Athletic meet.
- Afra Shaikh won 2 gold medals at the inter collegiate Swimming Championship for women.
- Sajith Pillai won gold medal at the **Intercollegiate** Body Building Championship.
- Krishna Chari won bronze medal at the inter collegiate Body building championship.
- Satish Naik won bronze medal at the Inter collegiate body building championship.

- Mahima Madkaikar won 2 bronze medals in 100 meters run and 200 metre run for women at the Inter collegiate athletic meet.
- Pranita Kalangutkar won 2 bronze medals in 800 metres and 1500 metres run for women at the Inter collegiate athletic meet.
- Samir Teri of F. Y. B. A. represented Goa at the National level Tennis Ball Cricket Championship.
- Kailash Balikar of F. Y. B. A. represented Goa University in Volley ball at the Inter University level .
- Regan Pinto and Afra Shaikh were awarded outstanding sportsperson, and were also awarded with track suits and certificates during the Annual Social Gathering by the College for the year 2009-2010.

Conferences/Workshops organised:

- Department of Biotechnology, organised a workshop on 'Microscopy' from 25<sup>th</sup> - 27<sup>th</sup> Nov., 2009.
- Department of Computer Science, (a) organised a talk cum workshop for students on the topic 'Enhancing Self-esteem' on 15<sup>th</sup> and 22<sup>nd</sup> Sept., 2009. (b) Organised a 2 day workshop on 'Moodie' on 23<sup>rd</sup> and 24<sup>th</sup> Oct., 2009. (c) Organised a workshop on 'Stimulation and Modelling' on 21<sup>st</sup> Dec., 2009. Department of Zoology, organised a state level workshop on 'r-DNA technology on 6<sup>th</sup> October 2009.
- Department of Philosophy, (a) organised a one day State level workshop to review the UGC new structured syllabi' on 7<sup>th</sup> Aug., 2009, (b) Organised an ICPR sponsored lecture on 'Recent Trends in Bib-ethics' on 8<sup>th</sup> Feb., 2010. (c) Organised a workshop on 'Career Orientation' on 16<sup>th</sup> Jan., 2010.
- Department of Political Science, organised a UGC sponsored State Level Seminar on "Human Rights Hurdles, Achievements and Prospects" on 11<sup>th</sup> Dec., 2009.
- Department of Indian Languages (Marathi), Organised a UGC sponsored National Level Seminar on "Art of Reading and Marathi Language" on 26<sup>th</sup> - 27<sup>th</sup> March, 2009.

Publications	Foreign	Indian
Research papers in journals		7
Edited books		1
Books		1

Conferences/seminars/workshop attended

Abroad	within India	within Goa
02	08	106

Total number of teachers who obtained research degree during the year 2009-10.

M. Phil: 01

Other information

Prajal Sakhardande was awarded 'Gera Big Concerned Citizen Award' under the Big Goenkar Category for his contribution towards History and Heritage of Goa, by Big 92.7 FM on 6th June, 2009 at Taj Vivanta, Pa naji.

5.2

**SMT. PARVATIBAI  
CHOWGULE  
CULTURAL  
FOUNDATION'S  
COLLEGE  
OF ARTS &  
SCIENCE,  
MARGAO.**

Year of Establishment : 1962

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

Website: [www.chowgules.ac.in](http://www.chowgules.ac.in)

Courses offered & Sanctioned Strength : B. Sc. - 570, B. Sc. (Vocational) - 180, B.A. - 540.

M.A. (Geography) - 20, M.Sc. (Information Technology) - 20, PGDCA - 30, PGDGIS - 20.

Faculty **positions:** 62.

Achievements of the College

The College received J.P.Naik Citation instituted by Ramchandra Mahadev Madhyakar Education Society, Kolhapur, for excellence in the field of education in the State of Maharashtra, Goa and Karnataka.

New course(s) started

Post Graduate Dipoma in Geoinformatics (PGDGIS).

Sports achievements

Following students represented Goa State at Nationals: 1. Elroy Pinto, Salvador D'Silva, Vicky Colaco, Mohan Prabhudesai and Yogesh Naik (HandBall). 2. Yasmin Khan, Sarah Pereira, Kimberly Afonso, Rhythm Warik (Handball). 3. Durgesh Prabhugaonkar (Baseball). 4. Alok Shirodkar, Keenan Vaz (Cricket). 5. Innocencia Miranda (Taekwondo). 6. Shallum Pires, Joshua Vaz, Rowlin Borges, Joston Pereira, Flody D'Souza, Vincy Alvito Fernandes, Oswin Rodrigues (Football). 7. Krishna Naik (Body Building).

#### **Conferences/Workshops organized**

1. One Day State Level Seminar on "Recent Developments in Chemistry" 2<sup>1</sup>d Dec., 2009.

2. Two Day National Conference on "Contemporary Environmental Issues, Technologies and Management" on 22<sup>1</sup>d and 23<sup>d</sup> Jan., 2009.

3. One day National Seminar "Mannu Bhandari Ka Rachanatmak Avadaan". 5<sup>h</sup> March, 2010

4. Two day National Seminar "Bhiku Pai Angle's Literature: A Critical Perspective" 6<sup>th</sup> & 7<sup>th</sup> Jan 2010.

5. One day workshop "Scheme and Pattern of Question Papers at Undergraduate level in Geography"

<b>Publications</b>	Foreign	Indian
Research Papers in Journals	01	07
In Edited Books		03
Books		03

<b>Conferences/Seminars/Workshops attended</b>		
Abroad	Within India	Within Goa
01	12	15

<b>No of teachers who obtained</b>		research degree during the year
M. Phil	Ph. D.	
	01	



**5.3**  
**ST. XAVIER'S**  
**COLLEGE OF**  
**ARTS, SCIENCE**  
**AND COMMERCE,**  
**MAP USA.**

Other information

- Shrikrishna Adsul, Associate Professor (Marathi) won the 'Samiksha Puraskar' instituted by Supramanas Granthmala, Panaji.
- Hanumant Chopdekar was awarded Travel Grant by Sahitya Academy for the year 2009-10, organized by Sahitya Academy at Jalna in MahaFastra.
- Yogita Bha kale, Faculty from the Department of Geology passed National Eligibility Test Conducted by UGC in December, 2009.
- Won cherished Best Magazine award for Vidya 2008-09, instituted by Damodar College, Margao.

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 - 403507.

Website: [www.xavierscollege-goa.com](http://www.xavierscollege-goa.com)

Courses offered & sanctioned strength: B. A. - 180, B. Sc.- 180, B. Com. - 180, B. C. A. (Self-Financed) - 120, B. B. A. (Self-Financed) - 90, B. T. T. M. (Self-Financed) - 90, M. A. (*Psychology*) (Self-Financed) - 60, M. Com. (Self-Financed) - 60, M. Sc. (*Physical Chemistry*) (Self-Financed) - 40.

Faculty Strength: 79.

Achievements of the College

Capt. Dr. Tushar S. Anvekar (*Department of Chemistry*): Conferred the "Chief Minister's Commendation Card" for outstanding contribution to N.C.C. related activities.

N.C.C. Boys: 1. JCUO Eeshan Usapkar won the Best Cadet Award at the all Goa competition organized by ex-NCC Cadets Association, Panaji. 2. Cadets Cpl Swapna Naik and Cpl Tukaram Marathe attended, National Integration Camp, Ka ramsad, Gujarat from 10<sup>th</sup> - 21<sup>st</sup> Dec., 2009. 3. Cadet JCUO Eeshan Usapkar participated from the State of Goa in the Special National Integration Camp at Kargil in J & K from 7<sup>th</sup> - 30<sup>th</sup> July, 2009. He won two gold medals for Debate and Master of Ceremony, one bronze for Group Cultural and one Special Trophy for overall participation.

N. C. C. Girls: 1. The ATC (Annual Training Camp) was held in the month of November at Raia, in which the N. C. C. girls were adjudged the winners of the Drill Competition. 2. Cadet Verlin Dias participated in the Republic Day Parade at New Delhi and was also selected for the Youth Exchange Programme in Russia. 3. Parinda Kanekar (S.Y.B.Com.) was the Best Commander at the ATC, Goa. 4. SUO Sonal Ambekar - Camp Senior - ATC Camp, Goa.

Teachers deputed for higher studies under FIP or on Fellowship abroad: Mathias Lawrence Bosco John, Dadapir M. Jakatti, Yasmin Z. Shaikh

Sports achievements - State/National level achievements

- Tejeshri Varak represented Goa in Judo (Juniors), Bhavesh Sawant represented Goa in the Senior Men's Hockey Tournament.
- Soma Korgaonkar, Kamar Sultan, Mandarrao Desai, Antonio Gonsalves, represented Goa State in Football Men's Section.

Conferences/Workshops organized

- The Role of the Non-Teaching Staff Qualities and Characteristics, 30th March, 2010.
  - National Seminar on Impact of Climate Change, 25th - 26<sup>91</sup> Feb., 2010.
  - National Seminar on Nanotechnology and its Impact on Society, 12th - 13th Feb., 2010.
- State Level Seminar, Human Rights and Environment - A Focus on Goa.

Conferences/Seminars/Workshops **attended**  
Abroad

Within India

Within Goa

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

M.Phil.                      Ph.D.  
02

Other information (Awards/Honours and Special Achievements):

- "Cinemahotsav" - A 3-Day Konkani Film Festival from 28<sup>th</sup> - 30<sup>th</sup> Jan., 2010.
- IRIS-2010 - Annual Students Film Festival on 18<sup>th</sup> & 19<sup>th</sup> March, 2010, organized by the Department of Mass Communication and Videography.
- First place at the National level Inter-Collegiate Competition 'Kaleidoscope 2009', 21 and 22<sup>nd</sup> Nov., 2009.

#### 5. 4

**S S DEMPO  
COLLEGE  
OF COMMERCE &  
ECONOMICS  
PANAJI.**

Year of Establishment: June 1966.

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

website: [www.dempocoile5e.edu.in](http://www.dempocoile5e.edu.in) E-Mail:- [principal@dempocollege.edu.in](mailto:principal@dempocollege.edu.in)

Courses offered & Sanctioned Strength: B.Com.- 800, [M.Com.](#) - 60 (self financing), B.B.A. - 90.

**Faculty strength : 18.**

Teachers **Deputed for** higher studies under **FIP : 01.**

<b>Publication</b>	Foreign	Indian
Research papers in journals	04	01
In Edited Books	01	02
Books		03
Conferences/ Seminars / workshop attended		
Outside Country	Within the country	Within Goa
	03	20

## 5.5

**CARMEL  
COLLEGE OF  
ARTS, SCIENCE  
AND COMMERCE  
FOR WOMEN,  
NUVEM.**

Year of Establishment: 1964.

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

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

Courses offered: B. A., B. Sc., B. Com., M. A. (Counseling Psychology), [M.Com.](#)

Faculty Strength: 38.

#### Achievements of the College

The following students received awards at the hands of the President Smt. Pratibha Patil at the 22nd Convocation ceremony held at Goa University:

Post - Graduate : M. A. in Counseling Psychology -Nirmala Rebello - 1st rank, Rachel Andrade - 2<sup>nd</sup> rank, Amrita Korgaonkar - 3rd Rank, [M.Com](#) - Pinky Kumar' - 3rd rank

Under-Graduate: 1. Sawant Anupama Ankush has been awarded Tasneem Fazal Gold medal and Tasneem Fazal cash Prize for highest marks in Physics. 2. Alemao Raissa Madonna has been awarded Prof. G.D. Parikh Memorial Scholarship for highest marks in the subject of Political Science. 3. D'Cruz Lidya has been awarded late Peter Alvares scholarship for the highest marks in History. 4. Cardozo Tajma has been awarded Vinayak Ghanashyam Sinai Kakodkar for highest marks in Zoology.

Teachers deputed for higher studies under FIP  
Aldina Braganza e Gomes.

#### Sports achievements

Queency Rebello and Synora Rodrigues represented India in Lusofonia Games in July, 2009.

#### Conferences/Workshops organized

- Department of Economics, organized a one day workshop on extended syllabi in Economics for the Papers- Growth & Development and Research Methodology, on 24th July, 2009.
- On 7th October, 2009 UCTAG hosted a one day seminar on "Promotion of Goa as an Educational Hub" at NIO, Donapaula, Goa.
- A two-day Seminar on Impact of climate change on Biodiversity" was organized by our College through the Biodiversity Cell in collaboration with the Centre for Environment Education and Dharwad University.

Publications	Foreign	Indian
Research papers in journals		01

#### Conferences/Seminars/Workshop attended

Outside Country	Within the country	Within Goa.
	03	52

No. of teachers who obtained research degree in the year	
M. Phil	Ph.D
02	

**5.6**  
**M E S COLLEGE**  
**OF**  
**ARTS &**  
**COMMERCE**  
**ZUARINAGAR.**

**Other information**

Activities conducted: 1. All Goa Inter-Collegiate skit competition on 'Sexual Harassment at Workplace' was organized by the Goa State Commission for Women in association with Carmel College on the 18<sup>th</sup> of August, 2009. 2. Department of Physics, organized a 2 weeks refresher course in Experimental Physics, funded by Indian Academy of Sciences, Bangalore, from 26<sup>th</sup> Oct., 2009 - 9<sup>th</sup> Nov., 2009. 3. A Konkani Film Festival was organized for students and the neighbourhood to commemorate the Silver Jubilee of the Goa University.

Year of Establishment: 1972

Principal's Name and Contact Address: Dr. R.V.Hajirnis, M.E.S College of Arts & Commerce, Zuarinagar-Goa.

Website [www.mescollege.org](http://www.mescollege.org)

Courses offered & sanctioned strength: Arts 480, Commerce 740, BBA 132, BCA 208, [B.COM](#) Shipping Mgmt. 99

Faculty strength: 31.

New course started: [B.Com](#) (Shipping Management) Degree Course

**Sports achievements**

1) Table Tennis (Woman) team won inter Collegiate -Table Tennis championship under the captainship of Miss Dipti Patil of TYBCOM.

2) Power Lifting team won Inter-Collegiate Runners up under the captainship of Sidney Andrade of TYBCOM.

Gold Medal winners are:

- a) Sidney Andrade TYBCO Gold medal under 52kg. wt. category.
- b) Mahesh Raul of SYBCOM. Gold medal under 67 kg.wt.category.
- c) Hasan Shaik of SYBCOM Gold medal under 100 kg.wtcategory.

3) Sidney Andrade won the prestigious "STRONGEST MAN OF GOA UNIVERSITY" Award in power lifting for the second consecutive year.

**ATHLETICS**

The college conducted Annual Meet on 25<sup>th</sup> Nov.,2009 at SAG ground Chicalim

- Saroj Suraj Radheshyam of FYBA won silver medal in 5000 mts run & 1500 tints run bronze medal at the Goa University Inter-Collegiate athletic meet.
- Sidney Andrade won bronze medal at the Inter-Collegiate athletic meet in pole vault
- P. A. Borgave, Director of Physical Education, has been nominated by the National Association of Physical Education & Sports Sciences to serve as the Executive Member for a period of 4 years from 2009 to 2013.

P. A. Borgave attended (i) Seminar on Sports Performances & Nutrition organized by Goa Association of Physiotherapists, (ii) UGC sponsored National Conference on Modern Trends in Sports Training Methodology & Yogic Practices, (iii) National Conferences on "UNIVERSITY SPORTS: A SPRINGBOARD FOR OLYMPICS."

INTER-UNIVERSITY PARTICIPTION

Waheeb G. Alhandi of TYBBA represented Goa University at the Inter-University West Zone Football Championship in Gujarat and at the All India Interuniversity Inter zone championship held at Coimbatore. He was also selected for above championship to participate at the combined all India Inter-University football championship for the year 2009-10.

- Hanumant Lamani of FYBA represented Goa University at the West Zone Championship in volleyball at the Inter-University volleyball championship held at Vidyanagar (Gujarat)

INTER STATE PARTICIPATION: Badiuzzama A Sayad of FYBA class represented Goa at the Vinu Mankad Cricket championship held in Goa.

INTERNATIONAL PARTICIPATION: Nissya Alvares of FYBCOM participated from Goa at the Maccaw International Championship in Table Tennis held at Lisbon (Portugal).

Conferences/ Workshops organised

COMMERCE ASSOCIATION: The Commerce association organized a one day workshop on 'Entrepreneurship Management' on 6" August, 2009.

DEPARTMENT OF SOCIOLOGY

- The Department organized an inter-collegiate event "Socio-Expressions" in which six colleges participated in various events such as paper presentation in the seminar on 'Decriminalization of Homosexuality', Poster competition on Goa -Yesterday, Today & Tomorrow, and Role Play on the theme 'Multiple Role Management'.
- The Department organized two guest lectures - by Ms. Sheila De Souza on 'Issues Affecting Women in Goa' and by Adv. Geeta Nair on 'The Legal Aspects of Crime & Criminology.'

DEPARTMENT OF POLITICAL SCIENCE

- UGC Sponsored: "National Elections 2009: Options, Attitude & Behavior of People of Goa".
- ICSSR Sponsored: "Popular Responsiveness to Development Programmes/ Projects in Goa".
- UGC Sponsored Workshop: "Capacity Building for Women Managers in Higher Education".

DEPARTMENT OF ECONOMICS

The Department organized a one day workshop for the undergraduate teachers from various colleges in the state of Goa on 30" August 2009.

Publications	Foreign	Indian
Research papers in journals		
In Edited Books		01
Conferences/Seminars/ Workshop attended		
Abroad	Within India	Within Goa

01

16

34

No of teachers who obtained research degree during the year  
M.Phil. Ph.D.

02

## 5.7

**V V M'S SHREE  
DAMODAR  
COLLEGE OF  
COMMERCE 234  
ECONOMICS,  
MARGAO.**

Year of Establishment: 1973.

Principal's Name and Contact Address: I. Bhanu Murthy, G.R.Kare 'Road, Tansor, Comba, Margao-Goa. 403 601, P. O. Box. No. 347.

Website: [www.damodarcollege.org](http://www.damodarcollege.org) principal@damodarcollege.org

Courses offered & sanctioned strength: [B.Com.](#) - 763, B.C.A. - 238, B. F. S. - 112, M. Corn. - 58.

Faculty positions: 51.

**Sports achievements**

- Sushmita Vasta, S.Y. B. Corn., was selected as member of Indian Swimming and Diving team to participate at Tokyo, Japan in July/August, 2009.
- Lizette Rodrigues, F. Y. B. Corn., represented India at Lusofonia Games held in Portugal in August, 2009.
- Sushmita Vasta, S. Y. [B.Com.](#), participated in the All India Inter University Swimming and Diving Championship in October/Nov., 2009 at Amritsar, Punjab, and won one gold and one silver medal. She was also selected in Indian Swimming and Diving team to participate at Pre-Commonwealth Games coaching camp held in Pune.
- Sansiew D'Silva and Azharuddin Shah represented Goa State at Inter State Handball tournament held in Calcutta.
- Suraj Dogre and Surmaran Amonkar represented Goa State at Inter State Cricket Tournament.

**Conferences/Workshops organized**

- "Business Management" - 25<sup>th</sup> July, 2009
- "You.... are the Solution" - 2<sup>nd</sup> Sept., 2009 Introduction to Animation and Career Opportunities"- 5<sup>th</sup> Dec., 2009
- "ERP-Demystified" - 19<sup>th</sup> Jan., 2010.
- "Recent Issues in Direct and Indirect Taxes" - 18<sup>th</sup> Feb., 2010
- "Mechanics of Inflation - How it Works" - 19<sup>th</sup> Feb., 2010.

- "Pranyog: A Food For Mind and Body" - 7<sup>th</sup> Feb., 2010.

Publications	Foreign	Indian
Research papers in journals		01

**Conferences/Seminars/Workshop attended**

Abroad	Within India	Within Goa
Nil	1	2

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

M.Phil.	Ph. D.
Nil	01

**Other information**

- Manasvi M. Kamat, Lecturer in Economics, has qualified for the award of Phd. Degree for the thesis "Goa's Iron Ore Exports."
- Manoj S. Kamat, Lecturer in Commerce, has been awarded Post Doctoral Fellowship in the area of Finance by Osmania University, Centre for International Programme.
- Manoj S. Kamat and Manasvi M. Kamat successfully completed a Research Project sanctioned by the National Stock Exchange, Mumbai, in the area of "Corporate Payouts and The Dynamic Panel Data Analysis".



**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.**

## 5.8

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, R O. Box 20, Mapusa - Goa. 403 507.

[Website: www.dmscollege.ac.in](http://www.dmscollege.ac.in)

Courses offered and sanctioned strength: B.A. - 240, B. Sc. (Computer Sc.) - 60, B.Sc. (Electronics) - 60, B.Sc. (Chemistry) - 120, [B.COM.](#) - 1,120, B. B. A. - 80, B.C.A.-120, [M. COM.](#)-60, M.Sc. - 40.

Faculty strength: 40.

Achievements of the college:

- Excellent results at the T.Y.B.A./B.Sc./B.Conn. :B.A.: 92.50% , B.Sc.: 89.60%, B.Com.: 84.23%, B.C.A.: 100% and M.Com.: 100%.
- Anila Nair, a student of T.Y.B.Sc. (Computer Science) stood second in Goa.
- The college has been reaccredited by NAAC with B Grade and awarded a score of 2.9 out of 4.0.
- Cadet Saish Nagvekar represented the Goa and Karnataka Directorate of NCC at the Republic Day Parade at New Delhi.
- Wi-Fi connectivity has been activated at the college campus to facilitate better use of the Internet by the staff and students.

New course(s) started

The college has introduced two year full-time Master's Degree programme M.Sc. in Pharmaceutical Chemistry, the first of its kind in the state of Goa. This course is designed in consultation with the pharmaceutical units in Goa and has received an overwhelming response.

Sports Achievements

- Archana Sharma won a Gold Medal in State Level competition and also participated at the National Level tournament at Bhubaneswar.
- Manoj Shet from F.Y.B.Com. won a Silver Medal. He also represented Goa State for the Nationals held at Khamnam (A.P.)
- In Tennis Ball Cricket Inter-Collegiate tournament organized by Goa Tennis Ball Cricket Association, our college emerged as champions.
- Shadab Shaikh was a member of the University team that participated in the West Zone Inter-University Football Tournament where he was judged the Best Scorer of the tournament, and in All India Inter-University Tournament at Tamil Nadu.
- In Kabaddi, Amit Kerkar of T.Y.B.A. represented Goa Senior Kabaddi team for Senior Nationals at Chhattisgarh.
- Soniya Parab represented Goa Boxing team at the West Zone Boxing Championship at Surat, Gujarat and won the Gold medal. She was selected to participate in the National Games 2010.
- In Athletics, Sonali Shetyekar, Minaxi Karapurkar, Jessy Vaz and Diksha Nagvekar participated in the 21<sup>st</sup> West Zone Junior Nationals Athletic championship at Jabalpur (M.P.) Sonali Shetyekar participated at the National Athletic Championship at NS NIS Patiala.

Conferences/Workshops organized

- State Level Seminar on "Rebuilding the Financial Markets", 10" March, 2010.
- State Level Workshop on "How to write Effective Research Proposals in Social Sciences and Allied Disciplines", 13" Jan.,2010.

- One day Workshop on Syllabus for Mutation in the subject of Electronics for T. Y. B. Sc., 1st Oct., 2010.
- Workshop on Script Writing and presentation of street play on "Problems of Mining" for 10 days.
- Workshop on Syllabus Formulation in the subject of Electronics for T. Y. B. Sc. at this college, 1st Apr., 2010.

Publications	Foreign	Indian
Research papers in journals		07
In Edited Books		05
Books		02

Conferences/Seminars/Workshops attended		
Abroad	Within India	Within Goa
	4	64

**Other information**

Captain S. B. Dharwadkar has been awarded Goa Chief Minister's Commendation Card in February, 2010.

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**GOA  
VIDYAPRASARAK  
MANDAL'S  
COLLEGE OF  
COMMERCE AND  
ECONOMICS,  
PONDA.**

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](http://www.gvmcommercecollege.org)

Courses offered & sanctioned strength: B.Com.-751, B.C.A-156, M. Com.- 54  
Faculty strength: 38.

**Achievements of the College:**

Secured First place in Quiz competition organized by P. E. S. College, Ponda, as a part of Silver Jubilee year celebration of Goa University

Won First prize at All Goa Inter- Collegiate Konkani one Act Play Competition organized by Kale Academy, Panaji, for Konkani Play 'Muktr.

**Teachers deputed for higher studies under FIP**

Vinaya Gad, Lecturer in Computer Science, is doing Ph. D. under FIP of U.G.C. titled "Design and Development of Full Duplex Mode Gigabit Ethernet Controller using Embedded Technologies."

**Sports Achievements :**

- Aditya Kankonkar of S.Y.B.C.A. represented the State in Judo Nationals at Orissa
- Ankita Haldankar of M. Corn. Part-i represented the State in Cricket.
- Shaunak Verenkar represented the State in Athletics at the National Junior West Zone at Jabalpur from 17th - 21st Nov., 2009.
- Shaunak Verenkar won Gold Medal in Long Jump and Silver Medal in 100 mts. at State Level Athletics Championship organized by Goa Amateur Athletic Association from 13" - 15" Oct., 2009

## Conferences/workshops organized:

- A workshop on 'Advanced Accounting' major paper - I at Semester V & VI of [B.Com](#) was organized for college teachers on 1<sup>st</sup> August, 2009.
- One day State level workshop on "Computer Animation" was organized on 17<sup>th</sup> Sept., 2009
- One day state level Seminar on "Management & Taxation of Co-operative Societies" on 16<sup>th</sup> Jan., 2010.

## Conferences/Seminars./Workshop attended

Abroad	Within
India	

Within Goa

04                      18

## Other information:

Betty D'Silva, Director of Physical Education represented India in the Lusifonia Games at Lisbon, Portugal and won the Bronze Medal in Volley ball.

**5.10**

**P. E. S.'S**  
**SHRI RAVI S. NAIK**  
**COLLEGE OF**  
**ARTS & SCIENCE**  
**PONDA.**

Year of Establishment: 20<sup>th</sup> June, 1986

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

Courses offered & Sanctioned Strength: **B. A. 120, B. Sc. 120.**

**Faculty strength : 59.**

**Achievement of the college**

The academic year 2009-2010 has ushered in the exploration of new avenues in the field of education.

- The enrollment has shown a significant increase and the total number of students stands at 757 of which 188 (24.83%) are boys and 569 (75.14%) are girls.
- The College presently has two major research projects and fourteen minor research projects underway.
- Shri V. P. Pissurlekar was awarded the third best prize for his paper at the National Seminar organized by Shivaji University, Kolhapur on 19<sup>th</sup> & 20<sup>th</sup> March, 2010.
- Faculty members of the college have participated and presented Papers at various international, national and state level Conferences, Seminars and Symposia. The College organized a national level seminar in Chemistry and the Arts Forum organized an institutional seminar on "Women's Issues" to commemorate the "Women's Day".
- Shri Kasturi N. Desai was awarded Sahitya Akademi's Translation Award for the year 2009-2010 and Bhushan V. Bhavne has been awarded Sahitya Puraskar 2010 by 'Ambassadors of Peace' Swami

of Parwadeshwar, H. H. Parwadeshwar Math, Khana cur, Belgaum, Karnataka.

- P. Anand from F.Y.B.Sc. represented India in Taikwando and won Gold Medal at Dhakka. Khedekar Atikesh A. from S.Y.B.A. participated In Volleyball in the 36" Youth National Volleyball Championship for Boys held at Bhilai,

Chhatisgarh. Mr. Naik Sumit S. from F.Y.B.A. won Silver Medal in Inter-Collegiate Judo Championship organized by Goa University.

- College Team comprising Chinrnay Ghaisas, Nharati Kavlekar, Balaji Shenvi and Sanathkumar Phadte won the first place at National level Literacy Quiz Competition organized by Sadhana Literacy Association, Pune in collaboration with Gomantak Sahitya Sevak Mandal, Goa.
- A new Library block, Laboratory Block, Ladies Hostel are in the process of completion. The new Gymkhana with facilities for all indoor games and Power Gym, was inaugurated this year.

**Teachers deputed for higher studies under FIP**  
**Padmaja V. Kamat - Ph. D. - 2 years**

**Conferences/ Workshops organized**

Kasturi N. Desai, Department of Botany, attended and presented paper - International Symposium and Annual Conference of IAAT in Lucknow Oct. 2009.

Publications	Foreign	Indian
Research Papers in Journal	01	<b>06</b>
In Edited Books		<b>01</b>
Books		<b>01</b>

Conferences/ **Seminars/ Workshop attended**  
**Abroad**                      **Within India**                      **Within Goa**  
**11**

**No. of teachers who obtained research degree during the year**  
**M.Phil**                      **Ph.D.**  
**01**

**Other information**

**A.0.1.** Award: Received Sahitya Academy Translation Award in August, 2010 for translating Bengali Novel Aranyer Adhikar of Mahasweta Debi into Konkani - "Adhikar Aranyecho".

Name of the **college: C. E.S. College of Arts & Commerce, "Shri Pio F. Lawrence Complex"** Cuncolim, Salcete, Goa 403 703.

Year of Establishment: 1987.

Principal's Name and Contact Address: Dr. Laximan G. Naik, C.E.S. College of Arts and Commerce, "Shri Pio F. Lawrence Complex" Cuncolim, Salcete, Goa.

Website: [www.cescac.edu.in](http://www.cescac.edu.in)

Course offered & Sanctioned **strength: B. A. - 171, B.COM. - 263.**

Faculty **strength: 19.**

New course started

Certificate course in Personality Development.

Sports achievements

a. Students represented Goa State in National Championship in Kho-Kho, Tennikoit and sepak takraw.

b. Kranti Naik of F. Y. B. A. was selected to represent Goa State Tennikoit Team at Senior National Tennikoit Championship held in Rajasthan at Jaipur.

c. Rekha Kenkre of F. Y. B. A. represented Goa State in kho-kho at National Championship held at Balia in U.P.

d. Yashodhan K. Kharade of T. Y. B. A., Sunny Dessai of T.Y.B.COM. and Shubhdeep Dessai of TYBCOM were selected to represent Goa State Team in Sapaktakraw at the National Championship held at New Delhi.

Conferences/workshops organized

1) One day workshop on "Cost & Management Accounting" held on 8th August, 2009. 2) One day workshop held on 12th Sept., 2009 organized by Goa Sudharop Community Development INC. USA and Rotary Club of

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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: [gcascnql@bsnl.in](mailto:gcascnql@bsnl.in)

Courses offered & sanctioned strength: B.A. - 264, B.Sc.-140, B.Com.- 264.

Faculty strength: 38.

Sports achievements

- Ransel D'Souza, represented Goa State under 18 at the 40th Junior National football for Dr B. C. trophy.
- Valerio Rodrigues, Reliston Fernandes and Garry D'Mello were members of Goa under 21 Football team that won the Datta Ray National Football Championship at Haryana.

Conferences/Workshops organized

- Coordinator for All India Konkani Parishad's 27th Session in Sanquelim



from 5th - 7th Feb., 2010.

- Organised the <sup>8<sup>th</sup></sup> Annual Convocation of the Association of Chemistry Teachers: Goa (ACT-G) at Govt College of Quepem on 7th Feb., 2010.
- Organised one day workshop on 'T. Y. BSc. Computer Science. Sem-VI Syllabus', Sanquelim.

- Organised a talk on "Training and Placement" for T.Y.students by Avalon Academy, 18" August, 2009.
- One day workshop on "Youth Development" sponsored by Goa Sudharop U.S.A., on 8" Jan., 2010.
- Talk on "Training and Placement" by Marian Institute of Health Care Management, 3<sup>rd</sup> Feb., 2010.
- Organised Blood Donation Camp conducted by G.M.C. Blood Bank on 15" Feb., 2010.
- Organised a one day State level workshop in collaboration with Goa Sudharop Trust on 8" Jan., 2010 on the topic, "Youth Development."
- Organised a State level seminar on 9" March, 2010 on the topic, "Genetically Modified Crops:Prospects and Limitations."

Publications	Foreign	Indian
Books		03

Conferences/Seminars/Workshop attended		
Abroad	Within India	Within Goa
02		21

No. of teachers who obtained research degree during the year		
M. Phil. Ph.D.		
01	02	

Other information

B. A. Games, was Awarded "Best Principal award" by Goa University.

Sunita Kanekar is appointed as Treasure of "Ali India Konkani Parishad".

Sneha Mhambre bagged the Best Book Award of the year 2009-10 for her M.

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ilacharitra Vadsthale Ani Sanwadane".

Year of Establishment: 1988.

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

Website: [www.acgoahomescience.gov.in](http://www.acgoahomescience.gov.in)

Course offered & sanctioned strength: B.Sc. in Home Science - 50.

Faculty Position: 5.

Achievements of the College:

- World Breastfeeding Week was celebrated from (1st- 7<sup>th</sup> August, 2009), the theme was "*Breastfeeding: A Vital Emergency Response Are you Ready?*"
- *Photography Competition* (Theme: Nurturing Healthy Beginnings)
- *Bookmark Designing & Caption Competition* on the topic "Breastfeeding A Mother's Gift."

5.13

**GOA COLLEGE  
OF  
HOME SCIENCE,  
CAMPAL,  
PANAJI.**

- Essay *Competition* on the Topics: "Breastfeed your way to Health' & "Breastfeeding - Nurturing the Human Race."
- Street *Play Competition* (Theme: Nurturing Healthy Beginnings - Tuesday, 4th August, at 10 a.m.)
- The Goa College of Home Science in collaboration with the Indian Medical Association (Tiswadi Chamber), organized a programme titled "Breastfeeding: For Every Reason; Every Season" on 8<sup>th</sup> August, 2009 for the benefit of lactating mothers, expectant mothers, newly-weds, social workers, counselors, nurses and others.
- The National Nutrition Week was observed from 1<sup>st</sup> - 7<sup>th</sup> Sept., 2009 by organizing an Intercollegiate Debate Competition on "Natural food v/s Processed food", Lecture sessions for various schools in Goa on "Healthy Eating", Healthy Snack Competition using seasonal vegetables for the staff of Goa College of Home Science.

The students also participated in a Muppet Competition depicting nutrients and their significance in health. Visual aids on "Food for a healthy heart" & "AIDS" prepared by the students were on display at the College premises during the week. A Dietitians' Meet was held on Th Sept., 2009.

- The Keynote address on "Current Scenario of the Role of Nutrition and Dietetics in the Health Care Management System" by Dr. Shekhar Salkar, Cancer Surgeon was followed by sharing of experiences by Dietitians and Initiation of the formation of the Indian Dietetics Association (IDA), Goa Chapter, by Rajal K. Shinkre, Principal, Goa College of Home Science.
- Organised "Aarambh" an exclusive exhibition from 10<sup>th</sup> 42<sup>th</sup> Dec., 2009, showcasing the multifaceted nature of the course in Home Science. The 3 days exhibition featured a display of visual aids in the areas of Food Nutrition & Dietetics, Textiles & Clothing, Human Development, and Community Resource Management with fun-filled learning activities and handouts, competitions for Higher Secondary Schools & lecture sessions for school and college students.
- Consumer Welfare Cell (CWC) in Collaboration with GOACAN organized an Awareness Camp and LPG Safety Camp on 29<sup>th</sup> June, 2009
- Dept. of Human Development of Goa College of Home Science commemorated Parents' Day on 21<sup>st</sup> July, 2009 by releasing a newsletter for Parents.
- Organized Lecture session on "Swine Flu" on 12<sup>th</sup> August, 2009, for the students & staff members (teaching & non-teaching).
- Organized Nutrition Intervention Programmes in collaboration with Sangath, Porvorim, Goa for various schools in Goa. Students of T.Y.B.Sc. (Home Science)- Food, Nutrition & Dietetics facilitated the program in Role Play, by way of display of Audio Visual Aids, Dietary Guidelines for Indians, Demonstration of low cost nutritious recipes, Anthropometric measurement of school children and diet surveys.
- Organized lecture session on the topic "Changing Education Scenario - its implications" on 11<sup>th</sup> Nov., 2009 for members of the teaching staff and students.

NSS ACTIVITIES: joined rally organized by the Health Department on "World Population Day", participated in the All Goa Inter-Collegiate Skit Competition on "Sexual Harassment at the Workplace", adopted an area at St. Inez, Panaji for regular activities

- A mini-exhibition of the visual aids developed by students as an integral part of the curriculum, of the practical component in Nutritional Assessment and Education was held on 19th April, 2010. Amit Dias, Lecturer, Department of Preventive and Social Medicine, Goa Medical College, Bambolim, was the Guest Speaker and delivered a keynote address on the topic "Nutritional Intervention Strategies - Importance & Implications". A booklet of "Low Cost Nutritious Savouries & Sweets" on the topic "Low-Cost Nutritious Food-Way to Good Health" developed by the students was released.
- The college entered into a collaborative tie up with Nestle India Ltd., to organize Nutrition Awareness Program for about 1000 adolescent girls in rural and semi urban areas in Goa. A MOU has been signed with Nestle India Ltd.

Conferences/Workshops organized

- Organized State Level Workshop on "Life style Diseases - A Silent Killer" on 24th Sept., 2009, in collaboration with Nestle India Ltd.
- Organized Workshop titled "Work Culture and Ethics" on 2nd Feb., 2010 for T.Y.B. Sc (Home Science) students.
- Organized Workshop titled "Building Emotional Intelligence in Secondary School Children" on 10" Feb., 2010 for Secondary School Teachers of Tiswadi Taluka.

Conference/Seminars/ Workshop attended:

Outside Country	Within the Country	Within Goa
1		
6		

5 . 1 4

**GOVERNMENT  
COLLEGE OF  
ARTS, SCIENCE &  
COMMERCE,  
KHANDOLA**

Year of Establishment - June 1989

Principal's Name & Contact Address: Seema R Rath, Officiating Principal, Govt. College of Arts, Sci. & Corn., Khandola, Marcela, Goa.

URL of [website-www.khandolacollege.org](http://www.khandolacollege.org)

Courses offered & sanctioned strength: B. A.- 60, B.Sc. - 60 & [B.Com.](#) - 120.

Faculty strength: 27 .

Achievements of the college

- Won the Trophy with first position in "All Goa Inter-Collegiate IT Quiz competition for DELTA-CSI Trophy" organized by Govt. College, Sanquelim.
- Secured Second place in All Goa Intercollegiate Essay Competition organized by P.S. Ramani Medical Foundation, Panda, "Swine Flue".
- Secured Third place in All Goa Intercollegiate Chemistry Quiz Competition organized by Association of Chemistry Teachers, Goa on 20" January 2010.
- Secured Third place in the Inter-Collegiate "Quiz Competition" organized by PES College, Farmagudi, Panda, Goa to commemorate Silver Jubilee Celebration of Goa University, on 13" March 2010.
- Won Second Place at the Inter-Collegiate State level Marathi One-Act Play Competition and Mr. Yuvraj Navelkar, II Sem. BA student won 1st place for acting organized by Kala Academy, Panaji, Goa.

- Won First Place at the All Goa Folk Dance Competition organized by GVM's College of Commerce and Economics, Ponda, to commemorate Silver Jubilee Celebration of Goa University.

**Teachers deputed for higher studies under FIP or on Fellowship**

2 teachers deputed on UGC FIR

**Conferences / Seminars / Workshops organized**

- State level Seminar on "Environment, Issues, Concern & Alternatives" on 08th Jan., 2010.
- Workshop on "Reetikaleen Kavya" Restructured syllabus of Hindi Major of VI Semester BA. 18th Jan., 2010.
- State level Workshop on "Income Tax Planning & Investment Avenues for salaried class" on 23rd Jan., 2010.
- State level Workshop on the topic "The Art of Anchoring" on 13th Feb., 2010 to commemorate Silver Jubilee Celebration of Goa University.
- State level Seminar on "Teacher-Student Relationship" on 13th March, 2010
- One Day State Level "Interactive Workshop for T.Y.B.A. Geography Students" on 20th March, 2010

**Publications** Foreign Indian  
 Research Papers in Journals - 01

**No of leachers who obtained research degree during the year**

**M.Phil: 1 Ph.D -**

**Any other information**

Yuva Srujan Puraskar in

Literature by Directorate of Art and Culture, Panaji to Prakash Vazrikar, Associate Professor of Konkani.

**5.1 5**

**GOVERNMENT  
 COLLEGE OF  
 ARTS, SCIENCE &  
 COMMERCE,  
 QUEPEM**

Year of Establishment: 1989

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

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

Courses Offered & Sanctioned Strength: F.Y./S.Y./T.Y./B.A./ [B.Com.](#)/ B.Sc./ Comp.Sc. in accordance with Goa University statutes.

Faculty strength: 46.

Achievements of the College:

- Renji George Amballoor awarded Research Project "Quality Standards in Hospitality Sector - A case study of Goa" - Department of Consumer Affairs, Govt. of India.
- Recognized Study Centre in Western Region of ICWA-for conducting Certified Accountant Technicians (CAT) courses

Sports achievements:

Sampada Amadeili. 1. Base Ball (T<sup>h</sup> Federation Cup), Cuttack (Orissa), winner, 2009-2010. 2. Base Ball (24<sup>th</sup> Senior Nationals), Jajpur (Orissa), Runners up.

- Participation at National Level Inter-University West Zone Junior & Youth Championship: Sampada Amadalli, Base Ball, Joao Oliveira, Cross Country, Sintia Menezes, Cross Country, Errika Fernandes, Cross Country, Chaya Ingo Jangali, Judo, Sugandi Rekdo, Judo, Gracy Rodrigues, Cross Country, Rohita Gaonkar, Cross Country, Sera Diniz, Cross Country, Rajan Dhamaskar, Cricket.
- Goa State Collegiate Sports Awards: Organised by Don Bosco College Panaji and Sports Authority of Goa.
- Outstanding Achievement in Sports for the Academic Year 2008-09
- Best Sports Awardee: Joseph Clement, Best Athlete in Men's section, Anuja Naik, Best Kho- Kho Player in Women section.
- Best Sports Awards Nominee: Rohini D'Silva (Women's Judo), Rohan Ekke (Men's Volley Ball), Joseph Fernandes (Men's Table tennis), Elcy Vaz (Women's Athletic), Bhimesh Kallagi (Men's Judo), Vibhav Lotlikar (Men's Judo), J. P. Yadhav (Men's Cricket), Sabrin Khan (Women's Judo), Cyntia Gaonkar (Women's Kho-Kho), Manjul Naik (Women's Kho-Kho).

#### Conferences /Workshops organized

- Organized state level seminar on 11<sup>th</sup> Sept., 2009 titled "Konkani Kadambari" Abhyaskramachya Sandarbath" with the help of Goa Konkani Academy, at Govt. College of Arts, Science & Commerce, Quepem.
- Organised a Literary workshop for South Goa Young Konkani writers on 13th Dec., 2009 at Govt. College of Arts, Science & Commerce, Quepem.
- Organised a Literary workshop for North Goa Young Konkani writers on 19th Dec., 2009 at Goa Konkani Academy.
- Organised two days National Level 11th Yuva Konkani Sahitya Sammelan on 23rd - 24th Jan., 2010 with the help of Goa Konkani Academy at Govt. College of Arts, Science & Commerce, Quepem
- Organized XIV the Southern Regional Conference on Microbial Inoculants on 11th - 12th Feb., 2010 in collaboration with NIO, Panaji, sponsored by UGC.

#### Conferences / workshops organized

- National Seminar on "Microbial Inoculants" on 11th - 12th Feb., 2010 in the premises of the NIO, Dona Paula.
- VI Annual Convention of the Association of Chemistry Teachers, Goa held on 6<sup>th</sup> Feb., 2010.

Publications:	Foreign	Indian	
Research papers in journals			06
In Edited Books			03
Books -	01		

Conferences/Seminars/Workshop attended:		
Abroad	Within India	Within Goa
	11	20

Other information:

B. G. Nayak, Principal, appointed as Nodal Officer of Goa Golden Jubilee Celebration Committee.



**5.16**

**ROSARY COLLEGE  
OF COMMERCE &  
ARTS, NAVELIM,  
SALCETE**

Year of Establishment: June, 1990.

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

Website : [www.rosarycollege.org](http://www.rosarycollege.org)

Courses offered & sanctioned strength: [B.Com/BA/BCA/BBA/M.Com](#)

Faculty position: B. A. & B. Com. - 47.

Achievements of the College

The college published the 5th issue of its inter-disciplinary Journal, GYANA.

Teachers deputed for higher studies under, FIP  
Dr. P. Falleiro, Associate Professor - FIP for 2 years.

Sports achievements

The boys won the 3<sup>rd</sup> Place and the girls were the winners of the Inter-collegiate Cross Country Championship organized by Fr. Agnel College, Pilar.

Participated in All Goa Intercollegiate Power-Lifting and Body Building Championship, organized by Goa College of Engineering, Farmagudi, and secured 1st Place.

Staff participated in 6-A-Side Soccer tournament to mark the celebration of Silver Jubilee of Goa University, organized by Smt. Parvatibai Chowgule College, and secured the 2<sup>nd</sup> Place.

**Conference/Workshop organized**

2 Workshops, 01 Conference, 01 Management Event and 03 Seminars were organized by our College.

<b>Publications</b>	Foreign	Indian
Research papers in journals	01	<b>1</b>
Books		

Conferences/Seminars/Workshop attended		
Outside Country	Within the Country	Within Goa
	07	43

**Other information**

**WARDS HONOURS TO THE FACULTY:-**

Shilpa Korde, lecturer, Department of Commerce, attended a three month RCN, NCC Training at Officers Training Academy, Gwalior, Madhya Pradesh. She was awarded the rank of Lieutenant.

- The college was awarded the 'Best College in Sports Award' at the closing ceremony of the Silver Jubilee Year Celebration of Goa University.
- Julton Rebello of T. Y. B. Corn. stood first in the State during the Academic Year 2009-2010.
- During the World Breastfeeding Week organized by Goa College of Home Science from 1st - 7th August, 2009, Sheena Fernandes secured the 2<sup>nd</sup> place in the Essay Competition.

- Henna Sikerkar secured 2<sup>nd</sup> Place in the Poetry event at 'Gyan Rogan', organised by Pilar Theological College.
- In the Inter-Collegiate Competition 'Bizz-Buzz' organized by Damodar College of Commerce and Economics held on 15th - 16<sup>th</sup> Jan., 2010, the college secured 2<sup>nd</sup> Place.
- In the Street Play Competition (Theme : *Nurturing Healthy Beginnings*), the college secured 3<sup>rd</sup> Place.
- In the *All Goa Poets Meet* (Inter Collegiate Competition) held by Cuncolim Educational Society College of Arts and Commerce, Cuncolim, on 18th Jan., 2010, Eleena Alfonso secured the 2<sup>nd</sup> Place.

## 5.17

**SARA SWAT  
VIDYALAYA  
SOCIETY'S  
COLLEGE OF  
COMMERCE AND  
MGT. STUDIES,  
MAP USA**

Year of Establishment :- 1991.

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

Website : [www.saraswatbba.com/www.caeulocollege.acin](http://www.saraswatbba.com/www.caeulocollege.acin)

Courses offered & sanctioned strength: Bachelor of Commerce ( [B.COM.](#)) - 520, Bachelor of Business Administration (BBA) - 135 (15% NRI/Foreign students), Bachelor of Computer Application (BCA) - 40.

Faculty positions: 13.

Achievements of the College:

Organised inter higher secondary Football tournament in August 2009 and Inter higher secondary Cricket tournament in December'2009

Hosted Odessey, Goa's only National Management Event at Taleigao Community Centre from 17<sup>th</sup> - 19th Sept., 2009.

New course(s) started: BCA(Bachelor of Computer Application)

Sports Achievements

National Participation

- Anita Bogati represented Goa in National Karate - Championship held at Panaji Goa on 30th April, 2010 - 1st May, 2010.
- Salim Khan represented Goa West Zone championship in Boxing held at Surat (Gujarat) on 12th - 13th Dec., 2009.
- Pandurang Tilve represented Goa in Shooting ball Nationals organised by INDOVC Madhya Pradesh on 24th - 26th Jan.,'2010
- Shiva Tilve represented Goa in Shooting ball Nationals organised by INDOVC Madhya Pradesh on 24th - 26th Jan.,'2010.
- Aboo Benzaham represented Interuniversity football west zone championship & won Gold medal 2009.
- Hemanshu Velingkar represented Goa at Jr. Nationals Athletics.
- Amit Pednekar represented Goa at Jr. Nationals Athletics
- Kedar Shetye represented Goa at Jr. Nationals Athletics.

Intercollegiate participation

- Hemanshu Velingkar won the Gold Medal in 400 & 800 mts. run at Intercollegiate Athletics.
- Kedar Shirodkar won the silver medal in 4 x 100 mts. Relay in Athletics.
- Rajaram Dhargalkar won the silver medal in 4 x 100 mts. Relay in Athletics.
- Drynan Pereira - silver medal - 4 x 100 mts.
- Clifton Fernandes - silver medal - Hammer throw.
- Ameet Pednekar - silver medal - 4 x 100 mts. Relay
- Gajanan Kauthankar. gold medal - pole vault

## Conferences/Workshops organized

- Workshop on 'Photo Clicking' to Group IV employees was conducted on 12th Nov., 2009 in the college.
- Commerce Department organized 1 day seminar on "Annual Budget, 2010" on 6th March, 2010.
- Convention of Commerce teachers was organized on 3rd April, 2010 at the college.

## Conferences/Seminars/Workshops attended

Outside country	within the country
Goa	Goa
6	38

518

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](http://www.fragnelcollege.com)

Courses offered &amp; sanctioned strength: B.A.- 60, B.Com.- 60, B.C.A.- 40.

Faculty strength: 28.

## Achievements of the College

Organised the inter collegiate fest, 'Merchants 2009' on 8th and 9th Sept. 2009. Several colleges participated and Don Bosco College, Panjim lifted the Rolling Trophy for the third consecutive year.

## Sports achievements

- Joston Lawrence (Capt.), Joyner Lawrence and Govind Mahale were members of the Goa University Team that won the West Zone Football Tournament.
- Ajay Khandeparkar represented Goa in Athletic 21<sup>st</sup> West Zone Junior National Athletic Championship at Jabalpur, Madhya Pradesh.
- Danish Dias from F. Y. B. A. represented Goa state/India for the 2nd Lusofonia games at Lisbon.
- Ex-student Yuvraj Gawas, Melinda Pereira and Sanjay Shirodkar also participated in the 2nd Lusofonia games at Lisbon.

onferences/Workshops organized

The Social Science Forum of Fr. Agnel College Of Arts and Commerce, Pilar in collaboration with the Goa Sudharop Community Development INC, USA organized State Level Youth Leadership Programme 'CARPE DIEM' on 30th - 1<sup>st</sup> July 09.

- Conducted a workshop on 'Career Guidance' on 1st Feb., 2010.
  - Conducted a workshop on 'Image Awareness and Grooming' on 16<sup>th</sup> Sept., 2009.
- Konkani Dept. organized a workshop on the writing of renowned author- Mahabaleshwar Sail on 9th Sept., 2009
- Fine Edge Solutions conducted campus seminar on 'Soft Skills'.
  - Organised workshop on 'Extended Syllabi in Economics' for the T. Y. B. A. students.

Milind Mhamal conducted workshop held for village and Taluka Librarian of Goa Central Library Faculty Development workshop on 6th Oct., 2009.

- The Department of Sociology, Economics and History of Fr. Agnel College of Arts and Commerce, Pilar in association with Ela-Farm, Old Goa conducted a State Level Workshop for the students of various colleges on the topic 'Be our Own Boss' on 22nd-23rd Feb., 2010.

<b>Publications:</b>	Foreign	Indian	
Research papers in journals			01
Books			01

**Conferences/Seminars./Workshop attended**

Abroad	Within India	Within Goa
	01	30

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

**5.19**  
**DNYAN**  
**PRABODHINI**  
**MANDAL'S SHREE**  
**MALLIKARJUN**  
**COLLEGE OF ARTS**  
**AND COMMERCE,**  
**CANCONA**

Name of the College: Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts & Commerce, Delem, Canacona Goa - 403702.

Year of Establishment: 1993.

Principal's Name and Contact Address: Dr. Jagmohan Singh, Kunde Complex, Borda, Margao Goa. 403 602.

Website: - [www.shreemallikarjuncollege.org](http://www.shreemallikarjuncollege.org)

Courses Offered & Sanctioned Strength: B.A. - 198, [B.Com.](#) - 198.

Faculty Strength: 17.

Sports achievements:

REPRESENTATIONS AT UNIVERSITY/NATIONAL CHAMPIONSHIPS:

Nitisha Kalangutkar, Cross-country, Goa University for All India Cross Country Championship at Kottayam, Kerala.

Nitisha Velip, Cross-country, Goa University for All India Cross country Championship at Kottayam, Kerala.

Rupesh Kale, Cross-country, Goa University, for All India Cross Country Championship at Kottayam, Kerala.

Umesh Gaonkar, Cross-country, Goa University, for All India Cross Country Championship at Konyam, Kerala.

Pratap Velip, Cross-country, Goa State for All India Cross Country Championship at New Delhi.

Bharti Gaonkar, Cricket, Goa State Women's cricket team for various All India Nationals during the year.

Conferences/Workshops organised

Workshop on "Writing skills for media and script writing" held on 10th March, 2010

1. "Meera Ka Kavya" State level Seminar held on 17th Sept., 2009
2. Talk "Bangarvadi Ek Abhyas" by Sri Krishna Adsul on 6th March, 2009
3. "Resonant Goa - its ethereal Culture and Tradition", state level one day seminar on 6th Feb., 2010

Publications

Research papers in journals

In Edited books

Indian	01
Foreign	02
	-

Conferences/Seminars/Workshop attended

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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.govtcollegeoernem.org](http://www.govtcollegeoernem.org).

Courses offered and sanctioned strength: U. G. Courses leading to B.A. & B.Com. Degrees

The college has 12 regular faculty members; 06 on contract-basis and the rest on lecture-basis.

**Faculty Strength: 12.**

**Achievements of the College**

- **Workshop on "Desktop Publishing"** (Corel Draw and PageMaker) organized by the I/C. Computer Deptt. on 8th July ,2009.
- Short Term Certificate Course in 'Light Vocals in Hindi & other Sanskrit songs' organized by the STCC committee on 6<sup>th</sup> July 2009.
- An Elocution Competition was held on 1<sup>st</sup> Feb., 2010 by Marathi Department of this College.
- Inter-collegiate Street Play Com petition was held on 11<sup>th</sup> Feb., by the Marathi Department and the Students' Welfare Council at Pernem Municipal Garden



The College Career

- The College Counseling Services Cell organised Orientation sessions on the benefits of counseling services on 29/06/09 and regular counseling services twice a week.
- NCC Girls Army Wing Started - Orientation programme for Girls Wing held on 4<sup>th</sup> August, 2009.
- Guidance/Counseling, Employment & Placement Cell held:
  - an Interactive Talk/Presentation on 'Careers in Aviation' in association with the Frankfinn Institute of Air Hostess, Training, Panaji on 23<sup>rd</sup> July, 2009;
  - a Career Guidance Seminar on Careers in Aviation, Hospitality and Tourism in association with the Avalon Academy, Mapusa, on 17<sup>th</sup> Sept., 2009;
  - an Interactive Talk/Presentation on 'Careers in Insurance' on Campus interviews for placement in association with HDFC Bank on 8<sup>th</sup> Jan., 2010.
- As part of practical training in ERP Software, S.Y.B.Com students of Computer Application for Business were sent to M/s. Power Engg. Limited, Tuem, Pernem.
- Workshop on 'Tax Planning for the Salaried Class for F.Y. 2010-11 held on 1<sup>st</sup> April, 2010.

#### **The NSS Units organized:**

- Inter-Collegiate Monologue Competition on 13<sup>th</sup> Jan., 2010. • AIDS Awareness Rally on 19<sup>th</sup> Dec., 2009. • A Talk on 'Breast Feeding' by Dr. Cheryl D'Souza, Medical Officer, DHS, on 17<sup>th</sup> August, 2009. • Blood Donation Camp on 25<sup>th</sup> Sept., 2009 in association with Blood Bank, GMC, Bambolim. • N.S.S Special Camp from 26<sup>th</sup> Oct. to 1<sup>st</sup> Nov., 2009. • Fire Safety Demonstration & Guest Lecture in collaboration with Fire Services Dept. on 7<sup>th</sup> Jan., 2010. • Programme on "Living in Harmony" conducted by Fr. Ivan Almeida from Fr. Agnel College, Pilar, on 18<sup>th</sup> July, 2009. • Gandhi Jayanti was celebrated with collaboration of History Dept. • Talk on Aids Drug by Kaleidoscope & Mondovi Parrivar on 11<sup>th</sup> Sept., 2009 • Vanamohostav was celebrated on 23<sup>rd</sup> July, 2009. • Talk on Morality on 11<sup>th</sup> August, 2010 for NSS Volunteers.

#### **SPORTS COUNCIL headed by Sam Braganza, Director of Physical Education :**

- Inter Class tournaments in Chess and Table Tennis, were held from 3<sup>rd</sup> - 9<sup>th</sup> July and Football on 19<sup>th</sup> - 23<sup>rd</sup> Sept.
- Students took part at the inter-collegiate Table Tennis, Chess Tournaments and Weight Lifting and Power Lifting Championship held from 18<sup>th</sup> - 20<sup>th</sup> August. Mahesh Gavli won the Silver medal in the 62 kg. category and Siddesh Hanmalkar won the Bronze medal in the 94 kg. category in weight lifting. Jayesh Mayekar won the Bronze medal in the 52 kg. category.
- The Sports Council conducted a collection of Body Mass Index (BMI) of all students and staff on 14<sup>th</sup> Sept.
- Women's Kabaddi team was declared the Winners of the Inter-collegiate Kabaddi Tournament for Girls held at Goa University on 4<sup>th</sup> - 5<sup>th</sup> Dec., 2009.
- The XVI Annual Sports Meet of the College was

held at Sawa lwada grounds. On 8<sup>th</sup> - 9<sup>th</sup> Dec., 2009, Mahesh Gavli and Sneha Narulkar were declared the best athlete male and best athlete female respectively.

**READERS CLUB** headed by Oscar de Noronha as Convenor organized a programme on 'Art of Reading' in Marathi in the college hall on 5<sup>th</sup> Aug.

WOMEN'S EDUCATION CELL headed by Nirmala D'Abreu organized a lecture on "Infatuation & Alcoholism" on 28th Jan.

NATURE CLUB headed by Ishani Roy, Lecturer in Geography organised Lecture-cum-slide show on 'Vultures' and presentation on 'Environmental conservation serves humanity' for Nature Club Members conducted by Director WWF, Goa.

COMMITTEE FOR CELEBRATION OF NATIONAL DAYS with Ms. Ishani Roy as Convenor celebrated the Republic Day with Flag Hoisting followed by the Principal's address and distribution of Prizes of the Annual Sports Meet. Independence Day was celebrated in the College with Flag Hoisting followed by the Principal's address and inter-class Patriotic Songs Singing Competition.

Liberation Day was celebrated in the college with Flag Hoisting followed by Principal's address, speeches by staff and student and distribution of Fun Week prizes.

CAREER GUIDANCE, COUNSELING, EMPLOYMENT & PLACEMENT CELL headed by Namdev Gawas, Lecturer in Commerce conducted an Interactive Talk/Presentation on 'Careers in Insurance', held an Interactive Talk/Presentation on 'Careers in Aviation' conducted by Frankfinn Institute of Air Hostess, Training, Panaji, and organised a Career Guidance Seminar on Careers in Aviation, Hospitality & Tourism conducted by Avalon Academy, Mapusa.

SHORT TERM CERTIFICATE COURSES COMMITTEE headed by Soniya Sirsat, Lecturer in Hindi conducted a five days Short Term Certificate Course in 'Light Vocals in Hindi & other Sanskrit songs' organized by the STCC committee was held

POPULATION EDUCATION CELL headed by ishani Roy, Lecturer in Geography conducted a Lecture on 'Population Education' to observe the World Population Day on 10th July.

COUNSELING SERVICES CELL headed by Amrita Dinge, Lecturer in Hindi conducted an Orientation Session on the benefits of counseling services by Sandra Rodrigues, Counsellor and organised weekly counseling services.

COMPUTER DEPTT headed by Harischandra Mandrekar, Lecturer in computer studies organized a Workshop on "Desktop Publishing" (CorelDraw and Page Maker).

DEPARTMENT OF HISTORY observed Gandhi Jayanti with inter-class competition on 'Quotes of Gandhi' and Shramadan. The Department, in association with Consultancy & Extension Services Cell, organised Lecture-cum-demonstration on "Environment & Ecology of Goa by Rajendra Kerkar, noted environmentalist and researcher.

DEPT. OF GEOGRAPHY organised a Presentation on 'Child & Women Welfare' by Cheryl D'Souza, Medical Officer, DHS.

DEPT. OF ENGLISH organised Presentation of "Music-ability" CD for Parents of Atmavishwas School for the Disabled organized by Communication Club of the Deptt. of English and NSS Students.

DEPT. OF HINDI celebrated Hindi Day with a 'Multi-lingual Poets' Meet in the college hall on 14<sup>th</sup> September.

A Half day Workshop was also organized by Hindi dept. along with students of

other Colleges on 'Practical Hindi Grammar' with Mr. Devikanandan Pathak, Hindi Professor of Official Languages, Home Ministry, Govt. of Goa.

DEPT. OF MARATHI presented Marathi poems at the Marathi Yuva Sahitya Sammelan organised by Gomantak Marathi Academy and articles of students published in `Maitra magazine of GMA.

Conference /Workshops organized

'Workshop on 'Tax Planning for the Salaried Class F.Y. 2010 - 11 held on 1st April, 2010'.

Publications:	Foreign	Indian
Research papers in journals		01
In Edited Books		03

Conferences/ Seminars/ Workshop attended

Abroad	Within India	Within Goa
	02	04

Year of Establishment: 1994

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

Courses offered & sanctioned strength: B. Com. - 528, D' CAT, CA-CPT - 30, ICWAI - 23.

**Faculty strength: 25.**

Teachers deputed for higher **studies under FIP or on Fellowship**

Jhimli Adhikari is deputed for Fellowship Improvement Programme (FIP) for two years from 25<sup>th</sup> Nov., 2009 - 24<sup>th</sup> Nov., 2011.

Sports achievements

Rama Dhavaskar carried the Indian flag at the Opening Ceremony of IInd Lusofonia Games held in Portugal. 2. Represented Goa State as captain of Goa Volleyball team at Youth National championship in Chatisgarh.

Conferences/Workshops organized

• In association with LIC of India "IRDA Training Programme" on the topic "Life Insurance Advisor - As a Career" was conducted in July 2009.

• Personality Development Programme: one day workshop on "Goal Setting" was conducted by Jc Leena Kalangutkar, National Trainer of J.C.I. Bicholim. Also conducted workshop on the topic "Interview Techniques" for T.Y. [B.Com.](#) students.

• Leadership Camp: Narayan Kalangutkar and Saravana Kumar attended two days Leadership Camp organized by Club Tennis De Gasper Dias, Panaji.

Theatre Club organized two days workshop on Acting.

Sesa Goa Limited organized a Pool Campus Interview for students.

• The college conducted a workshop on "Time Management" in association with JCI, Bicholim.

- A talk on "Science, Technology and Commerce" was delivered by Data kumar Naik, Dean Graduate School, Mon Mouth University, West, Long Branch, New Jersey.
- Shekhar Salkar, eminent Cancer Surgeon delivered a talk on "Ill Effects of Tobacco". The lecture was organized by NSS unit of the college.
- The college organized two Seminars sponsored by University Grants Commission, New Delhi: 1. State level seminar on "Role of Microfinance in Rural Development" and 2. National level seminar on "Managing Global Recession: The Strategic Initiatives of Indian Industries."

Conferences/Seminars./Workshop attended

Abroad	Within India	Within Goa
		13

## (b) PROFESSIONAL COLLEGES

**5.22**  
**DON BOSCO**  
**COLLEGE**  
**PANAJI**

Year of the Establishment: 2001.

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

Website: [www.donbosco.goa.org](http://www.donbosco.goa.org)

Courses offered & sanctioned strength: B.C.A. - 160, Bachelor of Business Administration (Travel and Tourism) - 30, B.A.M.M. - 30, B.B.A. - 30, B.S.W. - 30; B.ED.- 50 (Additional 15% strength allowed accommodate international students)

Faculty Strength : 13.

Achievements of the College:

1. Missal Deepika (86.42% ) secured 1st and Warren Menezes (83.00%) secured 3<sup>rd</sup> rank of Goa University for B. C. A.

2. At the Inter-College Events, the College (a) emerged Winners of "Merchants-2009" organized by Fr. Agnel College, Pilar, (b) Won 1st place on Portuguese Day organized by St. Xavier's College, Fundacao Oriente and Institut<sup>o</sup> Camoes, (c) Won 2<sup>nd</sup> place at the St. Xavier's College, Mapusa, for the World Tourism Day Programme, (d) Won 2<sup>nd</sup> place in Elocution competition held by TTAG on for World Tourism Day.

Sports Achievements:

1st place in Women's Football Tournament Goa University level. Runners up in Basketball for Men and Women, Goa University.

Conferences/Workshops Organized:

- "World Tourism Day"- was celebrated by Dept. of Management on 29th Sept., 2009 with the theme "Tourism Celebrates diversity".
- Workshop on "Current Trends in Social Work" organized by Dept. of Social Work in association with World Vision on 12th Sept., 2009.
- Dept. of Physical Education conducted a series of 5 workshops on 'Fitness and Diabetes' from 14th - 20th Feb., 2010, with resource persons from the Faculty of Sports, University of Porto, Portugal. Workshops were held for B.P.Ed.

students, Coaches, and

Sports Personnel and for the community at large.

Conferences/Seminars./Workshop attended

Abroad

Within India

Within C

11

No of teachers who

obtained research degree during the year

M.Phil

Ph.D

Nil

01

Other information:

• Bachelor of Social Work students conducted a survey on 'Causes of Underemployed Youth in Ibrampur, Chandel' with Council for Social Justice and Peace.

- The college students organized Blood Donation Camp in association with the Lions Club of Gogol.
- Physical Education Department organized 'Valkathon' for Diabetes Awareness in association with Lions Club, Mala-Panjim-Goa.
- International Students in our College: 24 (ICCR Scholars: 12, Private: 12)

**5.23**

Year of Establishment : 1963

**GOA COLLEGE OF PHARMACY** Principal's Name and Contact Address: M. G. Pai (Officiating), Goa College of Pharmacy, 18th June Road, Panaji, Goa.

**PANAJI**Website : [goagovt.nic.in/gcp](http://goagovt.nic.in/gcp)

Courses offered &amp; Pharmacognosy-05

sanctioned strength: B. Pharm.- 68, M. Pharm.-13, Pharmacology-5,

Faculty position: 26

Achievements of the

- Started a new branch

College :

of M. Pharm. (Pharmacognosy) with an intake of 5 students.

- Signed a Memorandum of understanding with KLE University to strengthen Pharmacy education in the State of Goa.

Published research papers in national Research Journals.

- Created more teaching positions and a number of Lecturers, Asst. Professors and Professors were recruited.

- Started a Department of Pharmacy Practice. Any new course(s) started :M. Pharm. in Pharmacognosy

Publications:

Foreign

Indian

Research papers in journals

1

5

Conference/Seminars/Workshop attended : Outside

Country

Within the Country

Within Goa

2

5

9

5.26  
**NIRMALA**  
**INSTITUTE OF**  
**EDUCATION**  
**PANAJI.**

Year of Establishment: 1963

Principal's Name and Contact Address : Rita Paes, Nirmala Institute of Education, Altinho, Panjim, Goa - 403001

[Website: www.nirmala-institute.com](http://www.nirmala-institute.com)

Courses offered & sanctioned strength: B. E. - 100, Bachelor of Special Education - 25 Post Graduate Diploma in Guidance and Counselling - 30.

Faculty Strength: 18

Achievements of the College:

- *Prisoners Day* celebrated .on the occasion of feast of Fr. Maximilan Kolbe. The students had a prayer service, followed by a reflection on what Freedom means to us. Messages were delivered to the prisoners and their families in the form of notes and letters. Contribution was made towards the Prison Ministry.
- *Community Work:* B.Ed teacher trainees took part in a campaign programme "[350.org](http://350.org)". The teacher trainees campaigned with posters. Pamphlets were distributed among the public. The 10 groups along with their respective mentors went around Panjim and set up campaign booths at various places.
- *Scholarships Awarded:* Five students were given scholarships of Rs. 5000/ each by Thomas Pereira, a Goan living in Washington D.C.
- *Goa Day :* On 15<sup>th</sup> Feb., 2010 the Annual Goa Day was held at Kale Academy Indoor Auditorium, on the theme 'CELEBRATE GOA - Recapture the Goan Spirit.'
- The Bachelor of Special Education Trainees trained children with special needs from Asha Deep Special School and Disha Charitable Trust to stage a cultural show.
- The trainees organised a picnic for students from Asha Deep Special School in collaboration with the Navy at the Naval Coast Battery to help develop the social skills among the children
- The trainees conducted activities to help promote inclusion in Adarsh High School and Spring Valley High School
- Sopan Can, an NGO dealing with children with autism in co-ordination with Nirmala Institute of Education - B.Ed Special Education helped conduct a pilot study on the prevalence of autism in Goa. This study was conducted as a part of the trainees Community Work
- The trainees assisted the organisers of the All Goa Art Competition for children with Special Needs and the Jyot Parent Society for Inclusion Day.
- The B. Ed Special Education Faculty has been actively involved in helping and alternative school experiment RISING STAR in co-ordination with Bethesda Life Institute.
- The Department of Extension Services - Nirmala Institute of Education conducted several workshops which were given by the Faculty of the Institution. There were a total number of 26 workshops conducted and a total of 720 inservice teachers attended the same.
- The GFATM R7 aims at building and enhancing capacities of the human and institutional resources to strengthen



the national health system in India.

The R7 is the counseling component for HIV/AIDS. It specifically aims at building counseling capacities and skills in persons already employed within the NACO framework (State AIDS Control Society) and also those working in the Public Private Partnership (PPP) through the SR's and SSR's. In India, this is the first attempt by GFATM to introduce the project through the University system.

- Nirmala Institute of Education is the training institution identified by NACO and GFATM to provide training on HIV/AIDS counseling to HIV/AIDS Counselors, Staff Nurses, Counsellors in Public Private Partnerships (PPP) and other target groups.

#### Conferences/ Seminars/ Workshop attended

Abroad	Within India	Within Goa
1	5	21

#### Other information

- B. Ed Teacher Trainees and B.Ed Special Teacher Trainees for securing a 100 per cent results.
- Rita Paes, Inspector of the Cambridge International Examinations - Cambridge University, Member of the Board of Studies - Social Work.
- Vida Sequeira, Member of the Local Managing Committee, Member of the Department of Promotion Committee, Member of the Screening Committee, Member of the Advisory Committee Student Aid Fund.
- Suvarna Gauns, Member of the Advisory Board of the Department of Extension Services - Nirmala Institute of Education.
- Jude Miranda, Co-ordination of PGDCET - Goa University, Convenor for the Computer Aided Learning for Serve Shiksha Abhiyan - Goa, Expert Committee in Web2 technology - Bhopal
- Bernadette D'Souza, Chairman of the Paper Setting Panel for Paper IV B.Ed Exam - Goa University, Examiner for Paper IV

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**5.27**  
**GOA COLLEGE OF**  
**FINE ART**  
**PANAJI**

Year of Establishment: 1972.

Principal's Name and Contact Address: Mahesh V. Vengurlekar, Principal, Goa College of Art, Altinho, Panaji.

Courses offered & sanctioned strength: B. F. A. (Painting) - 20 & B. F. A. (Applied Art) - 30.

Faculty position : 13.

Conferences/Workshops organized:

- Shirish Keni conducted a Web Designing Workshop. A Film **Making** Workshop was conducted by Ajit Naik & Suresh Tondwalkar.
- Cdr. T. R. A. Narayanam (Retd) and S Sanjay Shelar gave valuable inputs to the students in the workshops conducted in the subject of Paper Engineering and Illustration.
- Javed Mullen', an expert from the field of Portraiture, also conducted a workshop in Portrait Painting. The students attended Landscape Workshop conducted by Suhas Bahulkar and two workshops in Landscape paintings and Portraiture organized by the Department of Art & Culture, Goa, and conducted by Shrikant Jadhav and Vasudev Kamat.

Any other information:-

- The yearly Inter-Class Landscape and Photography Competitions were organized by the "Sketch-Club" and the "Photo-Club" respectively.
- A unique "click on the move" - photography competition was conducted by the faculty of Applied Art Dept.
- Students participated in -the State Art Competition, C. mlin Art Competition, competition by Varnika, film making contests held during IFFI and many other competitions. Michel Gonsalves and Dayesh Borkar won prizes at a Sculpture competition held by Ruchika Art Gallery while Pritesh Naik, Shyam Kamat, Bhisaji Gadekar, Diptej Vernekar, Viparna Vaigankar, Shailesh Dabolkar, Vatsala Shankwalkar and Ryan Abreu won awards in the various categories at the State Art Competition organized by Kala Academy. Cornelia Sequeira, Alisha Vaz, Samantha de Souza, Vibhav Kamat, Gayatri Naik, Shantanu Dhond, Shweta Volvoikar, Sufi Baig, Parshuram Golsangi, Derrick Gurjao, Elish Clemente and Gauresh Sawant were the winners in the three Poster Competitions organized by various Government and non- Government organizations held in College. Our students shined in Film-cut as well and Atmaram Sawant, Ashutosh Parvatkar, Abhija Naik, Freina Martins, Kiran Fatarpekar, Miles Gonsalves, Namrata Patel and Pushkar Bandodkar all won prizes in the "Chhota Cinema" Competition held during IFFI 2010.
- Siddesh Chari, Bhisaji Gadekar, Deepak Shirodkar and Rajan Amrdolkar were invited to give demonstrations in clay modeling and tattoo painting at the "Young Buzz" Festival organized by

Gomantak daily newspaper.

**5 . 2 8**  
**VIDYA VIKAS**  
**MANDAL'S GOVIND**  
**RAMNATH KARE**  
**COLLEGE OF LAW,**  
**MARGAO.**

Year of Establishment: 1979

Principal's Name and Contact Address: Arun Sazu Nadkarni, Murida, Fatorda, Margao -Goa

Courses offered & Sanctioned strength: LLB. - 320, L.L.B. (Hans) - 400, L.L.M.-40

Faculty position: 10.

Conference/Workshop organized

\* 4th All India Kare Law Festival was organized from 11" - 13" Feb.,2010.

- A Seminar on "The newly enacted Terrorist Laws" was held on 24" Jan., 2009 in association with Public Cause Foundation, Margao.
- A seminar on "Information Technology: The legal Scenario" was held on 6" March, 2010 in association with Public Cause Foundation, Margao.

Publications

Foreign

Indian

**Conferences/Seminars/Workshop attended**

Abroad

Within India

Within Goa

06

**5.29****GOA COLLEGE OF  
ARCHITECTURE,  
PANAJI.**

Year of Establishment: 1982.

Principal's Name and Contact Address: A. K. Rege, Goa College of Architecture, Altinho, Panaji Goa

website: [www.gcarch.goa.ov.in](http://www.gcarch.goa.ov.in)

Courses offered & sanctioned strength: B. Arch. - 33.

Faculty strength: 10.

**Achievements of the College**

- Exhibition on Chandigarh and Brazil.
- Upgradation of Computer lab and launching of new websites.
- Started E-Library & video sections in the library.

**Conferences/ Workshops organized**

- Joint Design studio of 2 weeks duration with CEPT, Ahmadabad.
- A joint summer course on History of Architecture with Princeton University USA.

- Workshop on Housing Studio, Sept., 2009 for year III.

**Conferences/Seminars/Workshops attended**

Abroad	Within India	Within Goa
	03	

**Other information**

- Ravi Hazra was invited as member of Jury/Examiner to CERT, Ahmedabad.
- A. K. Rege was invited as member of Jury/Examiner to D.Y. Patil, Kolhapur and YCMOU Centre at Nasik &

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**5.30****GOA COLLEGE OF  
MUSIC  
PANAJI**

Year of Establishment: 1987.

Principal's Name and Contact Address: Kamalakar Naik, Goa College of Music, T. B. Cunha Educational Complex, Minh<sup>o</sup>, Panaji Goa.

Courses offered & sanctioned strength: Foundation Course - 15, B. Per. Arts - 12, M. Per. Arts - 6.

**Faculty** strength: 6.

**Conferences/Workshops organized**

- Workshop on Education in celebration of "National Education Day" by Anil Samant, Sr. Teacher of Walwalkar Higher Secondary School, Mapusa on 11th Nov., 2009.

- Workshop on Tabla by Amod Dandage a renowned Tabla artist from 1st - 3<sup>rd</sup> Feb., 2010.

**Other information**

Late Vilasini Kane Memorial Award sponsored by Goa Hindu Association, Mumbai, was awarded to Pritimala Dhawaskar, a student of vocal music for securing first place in the Second year in vocal music examination held in April, 2009.

Late Kamlabai Hede Memorial prizes were awarded to Shayani Mest, Priyanka Shirodkar, students of vocal music, and Makrand Kadam and Prasad Gawas, students of Harmonium, for securing first and second place at the Bachelor of Performing Arts final examination in Vocal and Harmonium disciplines re-

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**5.31**  
**INSTITUTE OF**  
**NURSING**  
**EDUCATION,**  
**PANAJI**

Year of Establishment: 1993.

Principal's Name and Contact Address: Carol Noronha Institute of Nursing Education, Near Holy Cross Chapel, Bambolim,

Courses offered & Sanctioned strength: 50.

Faculty positions: 19.

Conferences/Seminars/Workshops attended

Abroad	Within India	Within Goa
		11

**5.32**  
**G. V. M'S**  
**COLLEGE OF**  
**EDUCATION,**  
**PONDA**

Year of Establishment: 1993.

Principal's Name and Contact Address: Louis Vernal, G. V. M's College of Education, Farmagudi, Ponda Goa

Website:- [www.gvmcollege.com](http://www.gvmcollege.com)

Courses offered & sanctioned strength: B. Ed. - 100.

**Faculty positions: 10.**

**Conference/Workshop organized**

Workshop under UGC assistance on "ICI in Education" with special emphasis on Learner Management System and Web paging on 25th - 26th Mar., 2010 at G.V.M's college of Education, Ponda.

Publications	Foreign	Indian
Research Papers in Journals		01
Books		01

Conferences/Seminars/Workshops attended

Abroad	Within India	Within Goa



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**5.33**

**B. S. P's**  
**GOMANTAK**  
**AYURVEDA**  
**MAHAVIDYALAYA &**  
**RESEARCH**  
**CENTRE, SHIRODA**

Year of Establishment : 1993

Principal's Name & Contact Address: Anura P. Bale B. S. P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Vajem, Shiroda - Goa.

Website: [www.ayurvednyangoa.com](http://www.ayurvednyangoa.com)

Courses offered & sanctioned strength: B.A.M.S. (Ayurvedacharya) - 40

**Faculty strength : 36.**

Conferences/Workshops organised

- Re-orientation & Training programme for teachers in Dravyaguna for 6 days from 7<sup>th</sup> Dec., - 12<sup>th</sup> Dec., 2009.
- Re-orientation & Training programme for teachers in Koumarbhritya for 6 days from 11<sup>th</sup> Jan., to 16<sup>th</sup> Jan., 2010.

Conferences/ Seminars/Workshops attended

Abroad	Within India	Within Goa
01	05	04

Other information

Anura P.Ba(e- a) Awarded Best Teacher award by All India Sharir Research

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ee by University of Pune.

Year of Establishment: 1962.

Principal's Name and Contact Address: V. N. Jindal, Goa Medical College, Bambam.

Course offered and sectioned strength: Ophthalmology- 100, M. S. (Ophthalmology)-2, MBBS-100, M.S. in Gen. Surgery-6, M.D. - 2 seats, DPH- 2 recognized by MCI, D.G.O. - 8 seats approved but not recognized by MCI, MS. Orthopaedics - 2, M.D. (Anesthesia)- 3 & DA - 4. M.D. (Biochemistry) - 2, M. B. B. S. (Biochemistry)- 100, B.D.S. (Biochemistry) 40. B.Sc. Nursing - 50, PGDMLT - 15, M.B.B.S. (Surgery) -100. M.S. (ENT) - 3, M.D. (Dermatology)- 1.

Faculty strength:

Physiology: 14	Prey. and Soc. Medicine: 15
Pharmacology: 11	Pathology: 16.
Ophthalmology: 7.	Orthopedics: 3.
T.B. & Chest Diseases: 18	Obstetrics & Gynaecology: 15.
Microbiology: 11.	Anesthesiology: 8
Biochemistry: 8.	Surgery: 9
Anatomy : 10.	ENT: 5
Dermatology Venereology and Lap.: 3	Skin and VD: 10.

Achievements of the College

Department of Biochemistry is a Autoanalyser(Abbott) with modern technology offering Hospital services.

Sports achievements

Participated in Intercollegiate Tournaments organised by the Goa University for the year 2009-10 as detailed below:

1. Swimming 2. Badminton 3. Chess 4. Cricket 5. Football 6. Table Tennis  
Won the Following Inter-Collegiate Tournament:

1. Chess 2nd position in Team event 2. Swimming 3rd place in 2 events.  
College has won All Goa Inter-Medical/paramedical Cricket Tournament organised by Shri Kamaxidevi Homeopathic Medical College, Shiroda.

Department of ENT	Conferences/Workshops organized		
	<ul style="list-style-type: none"> <li>• Department of Surgery organized a Stapler Workshop on "Use of stapler in General Surgery sponsored by Ethicon."</li> <li>• Department of Surgery organized a Workshop on Head, Face &amp; Neck Surgery.</li> <li>• Department of Preventive and Social Medicine organized a workshop on National Programme for Control of Blindness under Sentinel Surveillance Unit to the teachers and vocational officers from various schools of Goa, on control and prevention of Cataract, Ocular Morbidity and Blindness, Feb., 2010.</li> </ul>		
	organized workshop on `Rhinoplasty` in April 2010.		
	<ul style="list-style-type: none"> <li>• Department of Anesthesiology organized Practical guidelines on fluid therapy August, 2009</li> <li>• Department of Anesthesiology organized Assessment of Airway in Adults and Children - January 2010 .</li> <li>• Department of Anesthesiology organized <b>Regional blocks in paediatric - Feb 2010.</b></li> </ul>		
	<b>Publications:</b>		
	Research papers in journals	1	48
	In Edited Books		
	Books	1	1
	<b>Conferences/Seminars/Workshop attended</b>		
	<b>Outside Country</b>	<b>Within the Country</b>	<b>Within</b>
1+	30	9	
<b>Other information:</b>			
<b>Awards/Honours and Special Achievements</b>			
<ul style="list-style-type: none"> <li>• <b>Cultural activities:</b> Won the following cultural programmes organized by other colleges: 1. Gleams 2. Happenings 3. Waves</li> <li>• Dilip Amonkar has been distinguished by appointment as a Regular Inspector of National Board of Examinations, New Delhi. Also appointed on the National Postgraduate Coordination Board of India.</li> <li>• Amit Dias, Lecturer, received international Award of €18,000 for dementia research at the 25<sup>th</sup> International Alzheimer's Disease Conference held at Thessaloniki, Greece, in recognition of the research carried out by the Department of PSM and the Dementia Society of Goa on Psycho-Social intervention, for people with Dementia in Goa.</li> <li>• Amit Dias, Lecturer is elected as coordinator for the Medical and Scientific Advisory Panel for Dementia in India and is also elected the coordinator for the 10/66 Dementia Research Group under the Alzheimer's and Related Disorders society of India, New Delhi.</li> <li>• R V. Rataboli was (1) appointed 'National Professor' by IMA College of General Practitioners, Chennai in Oct., 2009. (2) awarded 'Best Citizens of India award' by International Publishing House, New Delhi in Nov., 2009. (3) received 'Best President of IMA' award for the year 2009.</li> </ul>			
<b>Cultural activities:</b> College has won the cultural programme organised by other colleges such as 1. Gleams 2. Happenings 3. Waves.			

5.35

**SHRI. KAMAXIDEVI  
HOMOEOPATHIC  
MEDICAL  
COLLEGE &  
HOSPITAL  
SHIRODA**

Year of Establishment: 1998

Principal's Name & Contact address: Arvind Kothe, M.D.(Hom.) ,F - 5, Tip Top Mansion, Dhavali, Ponda - Goa

E-mail: [arvindkoth@indiatimes.com](mailto:arvindkoth@indiatimes.com), [arvindkoth@gmail.com](mailto:arvindkoth@gmail.com)

Website: [www.homoeopathycollegegoa.org](http://www.homoeopathycollegegoa.org)

Courses offered & sanctioned strength: B. H. M. S. - 50 .

Faculty Strength: 40.

Achievements of the College:

A) Memorandum of Understanding (MoU): In order to foster international co-operation for teaching, training and research amongst the Homoeopathic fraternity, the college has signed the following MoUs.

- i) Switzerland Homoeopathie Institute Zug (Switzerland).
- ii) Glees Academy of Homoeopathic Physicians, Germany.

B) Public Awareness Activity:

I) Health Exhibition: The college is organizing Health exhibition in association with National Institute of Oceanography, Goa Science Centre and St. John's Ambulance - an annual feature to create awareness amongst students, teaching community and members of the public about health related issues, the structure and functions of the human body, its relation to health and diseases.

ii) Robert Bosch Foundation, Stuttgart, Germany: The college, in collaboration with The Robert Bosch Foundation, Stuttgart, Germany, has organized an event titled "Homoeopathy - a Medical Approach and its History" to create awareness amongst students and the general public about the effectiveness of Homoeopathy in health care.

C) Extra-Mural Research Project: "Effect of Constitutional Homoeopathic Remedy on HIV positive persons who are not on the Anti Retroviral Therapy and CD<sub>4</sub> count is within acceptable limits" - the project is approved by the Central Council for Research in Homoeopathy and further recommended to Govt. of India, Ministry of Health & Family Welfare, Dept. of AYUSH for final clearance.

Sports achievements

Organised All Goa Inter-Collegiate (Medical & Para-Medical) Cricket Tournament — the first institute to organize the event.

Conferences/Workshops organized

Re-orientation Training Programme (Module-I,11,111) for undergraduate teachers in the subject Homoeopathic Materia Medica from recognized institutions all over India under the aegis of Govt. of India, Ministry of Health & Family Welfare, Dept. of AYUSH, New Delhi held as follows:.

Training of Trainers Module in Homoeopathy f  
organised during February 2010.

Publications	Foreign	Indian
Research papers in journals		02
In Edited Books		02
Books		07

Conferences/Seminars/Workshops attended

Abroad	Within India	Within Goa
09	11	06
		14

Other information

University Gold Medals for Meritorious students for the year 2009

1) Anu K. Sivasankaran: "Shri Kamaxicievi Homoeopathic Medical College Gold Medal" for securing Top position at the Final BHMS regular examination of Goa University:

2) Joslyn L. Noronha: "Srint. Ramabai Bhaskar Suria Rau Sar Desai Memorial Gold Medal" for securing Top position at the First BHMS in the subject Human Anatomy sponsored by Professor R. B. Desai.

3) Amruata A. Hede: "Ramesh Anent Dhume Gold Medal" for securing Top position at the First BHivIS in the subject Physiology sponsored by Dr. Ramesh A. Dhume.

4) Punam P. Nakadi : "B. K. Bose Memorial Gold Medal" for securing Top position at the Final BHMS in the subject Organon of Medicine sponsored by M. S. Jus SHI - Switzerland.

5) Anu K. Sivasankaran: "Dr. P. V. Muzumdar Memorial Gold Medal" for securing Top position at the Final BHMS in the subject Medicine including Therapeutics sponsored K. P. Muzumdar (Mumbai).

EVALUATION

1) The college has formulated a protocol to evaluate the teaching by the students as well as by the senior faculty members.

2) Topic Appraisal by Evaluator.

5.36

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, Vascode-Gama

Website:- [www.nihgoa.gov.in](http://www.nihgoa.gov.in)

Courses offered & Sanctioned strength: M.Sc. - 15.

Faculty positions : 08.

Achievements of the College

- One officer and seven sailors underwent Teaching Techniques course conducted by National Institute of Education and Teaching, Kochi.
- Chief of the Naval Staff visited the Institute on 7<sup>th</sup> July, 2010.
- Chief Hydrographer visited the Institute on 7th July, 2010.
- DA Sri Lanka visited the Institute on 7th Sept., 2010.

### Sports achievements

- Three students participated in Western Naval Command cross country echampionship.

- Two students participated in Western Naval Command Yachting championship.

Conference/Workshop organized:

- Workshop on Atlas Sub bottom profiler parasound conducted at NIH on 22<sup>nd</sup> -23<sup>rd</sup> Sep., 2010 sponsor by M/s Atlas Hydrography, Germany and M/s Mal Senav Pvt. Ltd.
- World Environment Day, NIH 5th June, 2010.
- World Hydrography Day, NIH 21st June, 2010.

Conferences/Seminars/Workshops attended

Abroad	Within India	Within Goa
02	02	07

Other information

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Chief, South -02.



**5.37**  
**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.occegoa.org](http://www.occegoa.org)

Courses offered and sanctioned strength: Bachelor of Computer Engineering - 66, Bachelor of Electronics and Telecommunication Engineering - 66, Bachelor of Mechanical Engineering - 66, Bachelor of Information Technology - 66, Master of Engineering in Information Technology-18 (10% additional intake against AICTE Tuition Fee Waiver scheme for women, economically backward and physically handicapped meritorious students).

Faculty strength: 44.

Achievements of the College

Wipro Accreditation: Ashok Philipose, Delivery Manager and Pradeep Deshpande, Group Manager - Talent Acquisition visited the Campus. Wipro visited the college campus for Accreditation of the Institute. The officials also visited all the department laboratories, interacted with the students and reviewed some of the students' projects.

Teachers **deputed for** higher studies under FIP

Megha Ainapurkar, Ameya Wadekar, Manisha Crasto, Neena Panandikar.'

Sports achievements:

Apart from Goa University events, the College participated in the following sports events during 2009-2010:

- 3 students participated in the 12th Youth National Volleyball Championship for boys and girls from 29th Jan. - 4th February 2010 at Bhilai, Chhattisgarh.
- **1** student participated in the Asian Open Karate Championship 2010 held at Tamil Nadu on 30th & 31st Jan., 2010 and secured the 3rd place.

## Other information:

- DRDO Contest: Kaustubh Masurkar (Project Leader), Shankar Krishna, John Vaz (Final Year Mechanical Engineering students), Rajesh R. S, Gaurav Naik (Final Year ETC students), Jaya Yadav (Third Year ETC student) and Sarin Prabhu, Reuben Coutinho (Final Year IT students), won the THIRD RANK in the all India Robotic Contest in "Driving Innovation Student Robot Competition" organized by Defence Research and Development Organization (DRDO) in February 2010. They were guided by Niyam Marchon and Shailesh Kanolkar. The team was awarded with a cash prize of Rs. One lakh for making the prototype for the final round. The team has been selected for Stage-2 of the DRDO Competition. There were 240 entries from students of colleges from all over India including the IITs, Anna University, Chennai, BITS Pilani, NIT Rourkela, etc.

- International Visitor: Francesco Fidaleo, Associate Professor in the Department of Mathematics at University of Roma, Ton Vergata, Rome, Italy, visited Padre Conceicao College of Engineering during the period 9th May - 21st June, 2009, under the NBHM (National Board for Higher Mathematics - Department of Atomic Energy) Visiting Professorship Scheme.

Francesco has been collaborating with Stephen Dias Barreto, Department of Basic Sciences and Humanities, for the past seven years on the applications of operator algebras to quantum disordered systems. During his stay here, Fidaleo gave a mini-course on Computational Linear Algebra and a public lecture entitled "From Classical to Quantum Markov Chains". He also gave a talk on "Ergodic Properties of Bogoliubov Automorphisms in Free Probability" in the Department of Mathematics at Goa University. He actively collaborated with Barreto on problems related to quantum lattice systems with random interactions.

- College Annual Day: The college annual day was held on 5th May, 2010 in the college auditorium. Rev. Fr. Tony Lopes, Superior General of the Society of Pilar, was the Chief Guest. The top ranking students in various branches were presented with awards as follows:

Awards sponsored by companies:

*VS. Dempo Education & Research Foundation Award*

Rao Gayatri Satish, Rs.2600/-, Top ranking student in ETC Engg

Fernandes Carla Jane, Rs.2600/-, Top ranking student in Comp. Engg

Verenkar Vishwanath, Rs.2600/-, Top ranking student in Mech. Engg

*V.M. Salgaocar Memorial Award*

Fernandes Carla Jane, Rs.5000/-, Top ranking student in Comp. Engg

*D Link Award*

Rodrigues Steffie, Rs.5000/-, Top ranking student in I.T.

Book awards were also given to the overall branch toppers and the students who scored the highest marks in their respective class during the academic year 2008-09. Certificates were given to the sports achievers.

5.38

**V.V.M's H.M.N.  
GAUNEKAR  
INSTITUTE OF  
MANAGEMENT  
TRAINING AND  
RESEARCH  
MARGAO.**

Year of Establishment: 1981.

Principal's Name & Contact Address: Atul Shah, H.M.N. Gaunekar Institute of Management Training & Research Shree Damodar College Complex Govind Ramnath Kare Road P. O. Box 413, Tansor, Comba, Margao- Goa 403 601.

Courses offered & sanctioned strength: Post Graduate Diploma in Management (PGDM), 35 seats.

Faculty Strength: 8.

Achievements of the College/Institution:

- The Institute conducted several programmes for the senior IFS officers from all over the country, sponsored by the Ministry of Environment & Forests (MoEF), Government of India.
- The Institute also conducted programmes for scientists and technologists from all over the country, sponsored by the Ministry of Science & Technology, Government of India.
- The Institute conducted a wide range of programmes for private and government Organisations all over Goa. The organisations included VM Salgaocar & Bro Pvt Ltd, Sanofi Aventis, Goa Tourism Development Corporation (GTDC), Goa Shipyard Limited (GSL), MRF, Nehru Yuva Kendra etc. The programmes included "Business Writing Skills", "Stress Management", "Effective Communication Skills", "Work Effectiveness" "Supervisory" programme, "Tomorrow's Youth" etc.
- The Institute also reached out to various colleges/schools to upgrade the skills of lecturers and teachers.

5.39

**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, Shiv Shail, Karai, Shiroda-Goa 403 103

Website: [www.ritgoa.com](http://www.ritgoa.com)

Courses offered & Sanctioned strength: Electronics & Telecommunication Engineering- 60, Computer Engineering - 60, Information Technology - 60.

Faculty Strength : 35.

Achievements of the College

- The Institute organised an inter Collegiate Technical event & exhibition under the banner of a "Tech-Twister 10" which included events such as Proyecto, Dimensions, Technocraft, Kaleidoscope, Technovision, Cyberwars, C Treasure, Medula, Word Warriors, etc.
- The students of three different streams are exposed to common programme of strengthening the fundamentals by engaging them on a common platform particularly in the context of placement and personality development.

ETSA  
CLICK  
ELITE

Department of E&TC  
Department of Computer Science  
Department of LT.

- The Institute won 1st place in State level Quiz competition organised by Government Polytechnic, Bicholim, Goa.
- The Institute won 2<sup>nd</sup> place in State level Ghumat Arti competition organised by Dnyanprassarak Mandal's College, Assagao, Bardez, Goa.

#### Conferences/Workshops organized

- One day Workshop on DOT NET on 11th Sept., 2009

#### Publications

Annual Magazine 1NTERFACE'10"

#### Conferences/Seminars/Workshops attended

##### Abroad

India

Goa

##### Within

Within

3

20

#### Other information

- The Teaching Staff and students have taken keen interest in publishing Technical/Research Papers and attending National technical conferences, seminars, symposia and workshops.
- The students and teaching faculty are participating in Seminars, Workshops etc. in addition to visiting various industrial and research establishments to gain first hand knowledge of the relevant activities in the related fields.
- IIT Mumbai prepared DVDs on Engineering subjects under & 'SEED' programme have been acquired. The contents are being exposed to the students.
- The institute has established a chapter under CSI (Computer Society of India) within it and has actively participated in the parent body's programme

both within and outside the State.

#### 5.40 P.E.S. COLLEGE OF EDUCATION, PONDA

Year of Establishment: 2004

Principal's Name and Contact Address: S.G Gaikwad, Ponda Education Society's College of Education

Courses offered & sanctioned strength: B.Ed - 100

Faculty positions: 8.

Achievement of the college

2<sup>nd</sup> prize in Patriotic singing competition organized by YUVA DE GOA in Association with Directorate of Art & Culture, Govt. of Goa

2<sup>nd</sup> prize, 3<sup>rd</sup> prize and 2 consolation prizes in Essay competition organized by Govt. College of Arts, Science & Commerce, Quepem.

**Conferences/Seminars/Workshops attended**

Abroad

Within India

Within Goa

**5 . 4 1**

**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

Website: [goanursing.com](http://goanursing.com)

Courses offered & sanctioned strength: B. Sc. Nursing- 30.

Faculty positions: 16.

Achievement of the college

Academics:- Final year B. Sc. Nursing results: 31 students appeared for final exams and 10 students passed with Distinction - 15 students passed with first class.

Extra Curricular activities:- National Education Day was celebrated by conducting a symposium on "Changing Trends in Education.

NSS camp was conducted from 11th - 16 Oct.,2009.

Conferences/Workshops organized  
Nursing Process, Workshop, 26th June, 2009.

Conferences/ Workshop attended		
Abroad	Within India	Within Goa
	4	2

Other information

3 Students participated in All India Essay writing competition on the topic Militarisation of Space is a Threat to "SPACE FOR PEACE" Annual Founders Day celebration conducted on 1<sup>st</sup> Aug., 2010.

- NSS Unit inaugurated on 4th Aug., 2009 by Chief Project Officer of Child Development Department.
- Teachers' Day celebrated on 5th Sept., 2009.
- Diwali celebrations marked by competitions in Health Education, Health Styling, and classroom decorations.
- AIDS awareness programme conducted by organizing AIDS rally on 5th Dec., 2009.
- A discussion on 'Positive Thinking' was arranged.
- Annual Candle Lighting and first graduation ceremony and prize distribution at Ravindra Bhavan, Margao.
- International Women's Day celebrated with a seminar on 'Great Women who made a difference'.
- One final year student won second prize at Inter college Debate Competition on the topic 'Whether 33% reservation will create empowerment of women' organized by International centre of Goa to mark the International Women's Day.
- One final year student of our college won second prize for poetry writing and recitation at SNA Biennial Conference in Kolkata.

## 5.42

**INSTITUTE OF  
PSYCHIATRY &  
HUMAN BEHAVIOR  
BAMBOLIM**

Year of Establishment: 1980.

Principal's Name and Contact Address: V. N. Jindal, Director, IPHB, Bambolim Goa.

Courses offered & Sanctioned strength: M.D.(Psychiatry)-2, D.P.M. (Psychological Medicine) - 2.

**Faculty positions: 7.**

Publications	Foreign	Indian
Research Papers in Journals -		01

Conferences/Seminars./Workshop attended		
Abroad	Within	
India	Within	
Goa		

0

2

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## 5.43

**VRUNDAVAN  
INSTITUTE OF  
NURSING  
EDUCATION  
COLLEGE OF  
NURSING  
PORVORIM**

Year of Establishment: 2005.

Principal's Name and Contact Address: Kamna Soloman Vrundavan Institute of Nursing Education, Colvale Goa

Website: [www.vrundavaninstituteofnursing.com](http://www.vrundavaninstituteofnursing.com)

Course offered & sanctioned strength: B. Sc. Nursing (40).

Faculty strength: 09.

Year of Establishment: 2007

Principal's Name and Contact Address: R.V. Gaitonde, Principal, P. E. S.'s College of Pharmacy Education & Research, Farmagudi, Panda Goa 403401

Website: [www.bespharma.edu.in](http://www.bespharma.edu.in)

Courses offered & Sanctioned strength: B. Pharm. - 66.

Faculty **Strength: 14.**

<b>Publications:</b>	Foreign	Indian
Research papers in journals	04	26

**Conferences/Seminars/Workshop attended:**

Abroad	Within India	Within Goa
	5	

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

**M. Phil. Ph.D**

1



**5.44**

**P. E. S. COLLEGE  
OF PHARMACY  
EDUCATION &  
RESEARCH,  
FARMAGUDI  
RONDA**

Year of Establishment: 2007

Principal's Name and Contact Address: R.V. Gaitonde, Principal, P. E. S.'s  
College of Pharmacy Education & Research, Farmagudi, Ponda Goa 403401

Website: [www.pesbharma.edu.in](http://www.pesbharma.edu.in)

Courses offered & Sanctioned strength: B. Pharm. - 66.

Faculty Strength: 14.

Publications:	Foreign	Indian
Research papers in journals	04	26

Conferences/Seminars/Workshop attended:

Abroad	Within India	Within Goa
	5	

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

M. Phil. Ph.D

1

## **RECOGNISED INSTITUTIONS**

6.0 List of Recognised Institutions:

6.1 Xavier Centre of Historical Research, Alto Porvorim.

Name of the Director: Dello de Mendonga.

Website: [www.xchr.in](http://www.xchr.in)

e-mail: [xaviercentre@dataone.in](mailto:xaviercentre@dataone.in)

6.2 Malaria Research Centre (ICMR), Panaji.

Name of the Director: Ashwani Kumar (Officer-in-charge)

6.3 Directorate of Archives & Archaeology, Panaji.

Name of the Director: M. L. Dicholkar.

Courses/Degree for which the institution is recognized: Research  
institute for the purpose of obtaining the Ph.D. degree.

Website: <http://egov.goa.nic.in>

6.4 Natrona! Institute of Oceanography, Dona Paula.

Name of the Director: Satish R. Shetye.

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

Faculty /Scientist strength: 175.

6.5 National Centre for Antarctic & Ocean Research (NCAOR),  
Vasco-Da-Gama.

6.6 Thomas Stephens Konknni Kendr, Porvorim,

Name of the Director: Pratap Naik, S. J.

Courses/Degree for which the institution is recognized: Konkani  
Research work.

Website: [www.tskk.org](http://www.tskk.org). Faculty /Scientist strength: 6.

6.7 Fisheries Survey of India, Mormugao.

**List of Rankers (UG)**

Course	Rank I	Rank II	Rank III
TY. B.A.	Sinai Borkar Snehal	Fernandes Stephnie	Teja Naik
T.Y. B.Sc.	Lobo Jervin Zen	Sweta Govekar	Travasso Valanie
<a href="#">T.YB.Com.</a>	Almeida Coutinho	Ferreira Rachel	Nally Rosa Rosario
	RebaHo Julton	Rodrigues Samantha	
B.P.Ed.	Teresa D'Souza	Colin D'Costa	Guillu Fernandes
M.B.B.S.	Dweep Jindal	Menezes Valarie	Alcasoas Sulee Ida
B.F.A. (Ap. Art)	Namrata Patel	Ruveena D'Souza	Atmaram Sawant
B.F.A. (Painting)	Abreu Ryan Francis		
B.D.S.	Neha Sinai Sukhtankar	Mayuri Naik	Amin Bhavya
B. Pharm.	Devika Dhond	Prutha Gaitonde	Renuka Managuli
B.E. (Civil)	Shet Marathe Neha	Naik Nisha	Vijayalaxmi
B.E. (Mech.)	Akhil Shetgaonkar	Rylan Caldeira	Enflan Pereira
B.E. (LT.)	Durgadas Kamath	Monika Supekar	Sonal Maulingkar
RE. (ETC.)	Rishikesh Mate	Pooja Vaze	Prabhu Dessai Vishwesh
B.E. (Comp.)	Bruto Da Costa Antonio	Manjiri Kamat	Drisati Chakraborty
B.E. (E & E)	Rohit Kumar	Jugali Viresh Mahaning	Jayanti Prattioti
B. Arch.	Shaikh Jamila Bi	Mergulho Shaun Max	D'Souza Ezra Bosco
	Oriana Fernandes	Shaikh Saajidabano Abdul	Joshi Gayatri
		Rehman Haven	
T.Y.B.Sc.( H.Sc.)F.N&D	Scarlet Fernandes	Vidya Gawas	Ana Andrade
B.Sc. (Nay. Sc.)	Pydi Raju Jana	Anand Kumar Shaw	Om Prakash Chaudhary
B.Sc. (Nursing)	Lizanne Almeida	Larisha Borges	Sapna Gawas
LL.B. (Hons.)	Casvin Fernandes	Nabeesa Fernandes .	Ambika Dhond
B.Ed,	Pereira Nisha	Lyza D'Souza	Julius Fernandes
B.aL,	Audi Shanoor alias Jagdish P.	Steve Barrett)	Anagha Matondkar
B.A.M.S.	Aparna Marathe	Sneha Rana	Shrutigandha Savant
B.H.M.S.	Anup Netravalkar	Roselet Fonseca	Odreena Rodrigues
		Lata Kusum	
B.F.S.	Prachi Saudagar	Mayur Gauns	Ashvita Khandeparkar

## Students Strength in Affiliated Colleges during the year 2009-10

Name of the College	Graduate		Post Graduate		Dip. Certificate		Total Students		Foreign		Handicaped Std		NRI Students	
	Total Adm.	Total Women	Total Adm.	Total Women	Total Adm.	Total Women	Total Adm.	Total Women	Total	Women	Total	Women	Total	Women
Snit Parvatibai Chowgule College, Margao	637	408	70	54	33	16	740	478	0	0	0	0	0	0
Dhempe College, Miramar	821	547	10	4	0	0	831	551	28	2	0	0	0	0
St. Xavier College, Mapusa	2215	1490	139	108	0	0	2354	1598	4	2	0	0	4	0
Carmel College, Nuvern-Salcete	669	669	66	65	0	0	735	734	1	1	0	0	14	14
P.E.S.College, Ponda	765	572	0	0	0	0	765	572	0	0	1	1	0	0
M.E.S. College, Zuarinagar-Vasco	1414	826	0	0	0	0	1414	826	20	0	1	0	4	2
S.S.Dempo College, Panaji	955	516	31	22	0	0	986	538	5	0	0	0	1	1
Shree Damodar College, Margao	1113	659	58	46	0	0	1171	705	0	0	0	0	0	0
V.N.S.Bandekar College, Mapusa	1383	719	30	19	0	0	1413	738	0	0	0	0	0	0
G.V.M's College, Ponda	891	530	47	34	0	0	938	564	0	0	2	2	0	0
Naval Academy, INS Mandovi, Verem	127	0	0	0	0	0	127	0	0	0	0	0	0	0
Govt. College, Sanguelim	871	539	0	0	0	0	871	539	0	0	0	0	0	0
Govt. College of Home Science, Panaji	99	99	0	0	0	0	99	99	0	0	0	0	0	0
Govt. College . Khandola	462	324	0	0	0	0	462	324	0	0	0	0	0	0
Govt. College, Quepem	794	543	0	0	0	0	794	543	0	0	0	0	0	0
Rosary College, Navelim, Salcete	1215	874	45	33	0	0	1260	907	11	5	0	0	4	0
Saraswat College, Mapusa	685	372	0	0	0	0	688	372	14	0	0	0	3	1
Fr. Agnel College, Filer	577	362	0	0	0	0	577	362	11	6	0	0	1	0
Govt. College Pernem	270	145	0	0	0	0	270	145	0	0	0	0	0	0
Shree Mallikarjun College, Canacona	298	173	0	0	0	0	298	173	0	0	0	0	0	0
Zantye College, Bicholim	480	321	0	0	0	0	480	321	0	0	0	0	0	0
C.E.S.College, Cuncolim	446	234	0	0	0	0	446	234	0	0	0	0	0	0
Goa Salesian Society, Don Bosco.	442	232	35	13	0	0	477	245	21	2	0	0	4	3
Goa College of Pharmacy, Panaji	274	214	36	24	0	0	310	238	0	0	0	0	0	0
Nirmala Institute of Education, Panaji	125	118	0	0	0	0	125	118	0	0	0	0	0	0
College of Engineering, Farmagudi	1460	497	80	22	0	0	1540	519	0	0	0	0	0	0
Goa College of Art, Panaji	206	93	0	0	0	0	206	93	0	0	1	1	0	0
V.M.Salgaocar College of Law, Panaji	490	257	0	0	0	0	490	257	0	0	0	0	0	0
G.R.Kare College of Law, Margao	151	89	0	0	0	0	151	89	0	0	0	0	0	0
Goa Dental College, Bambolim	176	143	33	22	0	0	209	165	0	0	0	0	0	0
Goa College of Architecture, Panaji	125	59	0	0	0	0	125	59	0	0	0	0	0	0
Goa College of Music, Panaji	43	24	13	6	0	0	56	30	0	0	0	0	0	0
G.V.M.'s College of Education	100	92	0	0	0	0	100	92	0	0	0	0	0	0
Institute of Nursing Education, Panaji	100	100	0	0	0	0	100	100	0	0	0	0	0	0
Ayurveda Mahavidyalaya, Shiroda	177	126	0	0	0	0	177	126	1	0	1	0	0	0
P.C.College of Engineering, Verna	1098	409	24	15	0	0	1122	424	0	0	0	0	11	6
VVM's Inst. Of Mng.Tr.& Res., Margao	0	0	35	0	0	0	35	0	0	0	0	0	0	0
Institute of Psychla . Panaji	0	0	0	0	4	1	4	1	0	0	0	0	0	0
Homeopathic College, Shiroda	109	91	0	0	0	0	109	91	0	0	0	0	0	0
National Hydrographic School, Vasco	0	0	3	0	0	0	3	0	1	0	0	0	0	0
Goa Medical College, Bambolim	500	317	321	109	125	101	946	527	0	0	1	1	5	4
Shree Rayeshwar Inst. Of Engr. & IT	817	352	0	0	0	0	817	352	0	0	0	0	0	0
INS Hernia, Mumbai	0	0	20	4	0	0	20	4	0	0	0	0	0	0
Victor Medical & Foundation Research	112	109	0	0	0	0	112	109	0	0	0	0	0	0
P.E. S. College of Education	80	80	20	20	0	0	100	100	0	0	0	0	0	0
P.E. S. College of Pharmacy	146	120	0	0	0	0	146	120	0	0	0	0	0	0
Vrundavan Institute of Nursing, Porvorim	30	27	0	0	0	0	30	27	0	0	0	0	0	0
<b>T o t a l</b>	<b>23951</b>	<b>14471</b>	<b>1116</b>	<b>620</b>	<b>162</b>	<b>118</b>	<b>25229</b>	<b>15209</b>	<b>117</b>	<b>18</b>	<b>7</b>	<b>5</b>	<b>51</b>	<b>31</b>

## Students Strength in Departments on University Campus for the year 2009-10

Subject	Part I		Part II		Part III		Total Students	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
English		22	1	20			4	42
Hindi		13	3	21			3	34
Marathi		11	0	2			4	13
Konkani		12	3	31			7	43
French		17	0	4			11	21
Portuguese	14	25	8	1			22	26
								0
Economics	7	24		22			0	46
History	3	23		7			0	30
Political Science	5	11	2	3			7	14
Sociology	0	15	0	12			0	27
Philosophy	1	6	2	3			3	9
CLAS	1	4	1	2			2	6
								0
Chemistry	5	31	16	20			21	51
Computer Science	21	9	20	9	19	10	60	28
Earth Science	9	6	9	6			18	12
Mathematics	3	6	3	8			6	14
Physics	4	12	4	7			8	19
Electronics	12	3	9	3			21	6
								0
Botany	0	7	1	7			1	14
Microbiology	2	13	5	10			7	23
Zoology	3	24	0	13			3	81
Marine Science	8	7	6	9			14	16
Marine Biotech	8	3	16	4			24	7
							0	0
Commerce	9	31	15	20			24	51
M.F.S.	13	12	11	12			24	24
							0	0
MBA	36	26	38	27			74	53
Grand Total	186	373	181	283	19	10	386	666

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A glimpse of the new *Boynostel* Iock at the Goa University campus.

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