

# XXIV ANNUAL REPORT

June 2008– May 2009



## 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 24<sup>th</sup> Annual Report of Goa University for the academic year 2008-09.

As per our annual practice, this Annual Report is presented 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 reflects the profiles of the post graduate departments at the University in terms of the major thrust areas of the departments and the significant achievements of both the members of the faculty and the students. The Report is also an indicator of the diverse activities that are conducted in the colleges affiliated to Goa University.

It is a pleasure to note that year after year, academic activities continue to be strengthened in both, the University departments as well as in the affiliated institutions. Many colleges have successfully enhanced their infrastructure and the quality of their academic programmes. It is also heartening to note that a large number of technical, scientific and social science related seminars, conferences and workshops have been successfully at the University as well as in the affiliated colleges.

The Twenty First Annual Convocation of Goa University was held on February 28, 2009 and was graced by Hon'ble Dr. S. S. Sidhu, the Governor of Goa and Chancellor, Goa University, as the Chief Guest. On this occasion, three stalwart sons of the soil -- Dr. Raghunath A. Mashelkar, former Director General, Council for Scientific & Industrial Research (CSIR) and Gen. (Retd.) Sunith Francis Rodrigues, AVSM, PSM, former Chief of Army Staff, and Shri Ravindra Kelekar, Dnyanapeeth Awardee and noted litterateur, were awarded the Honorary Degree of Doctor of Letters (D.Litt.) of Goa University.

During the period, the National Accreditation & Assessment Council (NAAC) reaccruited Goa University with the Grade B. It is heartening to note that the academic ethos of the institution remains healthy. The NAAC Peer Team has specifically lauded the efforts of the University faculty in establishing high standards of academic excellence and has commended the harmonious relationship among all the stakeholders such as students, faculty, non-teaching staff, parents, alumni and the officers of the University.

I would like to record my deep appreciation and acknowledgment towards the cooperation and contributions of all the teaching and non-teaching staff members and students towards the achievement and progress of the University during the year 2008-09.

Prof. Dileep N. Deobagkar  
Vice Chancellor

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## INTRODUCTION

On the threshold of its Silver Jubilee, 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 reflect the vibrant academic ethos of the University, its focus on research, and notably the rich contribution of the faculty in terms of research projects, national and international seminars and workshops as well as publications. The Report also reflects the academic ethos of our affiliated colleges and institutes.

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.

K. S. Bhat	Convenor, Editorial Committee
M. K. Janarthanam	Member
A. J. Jayanthan	Member
Y. V. Reddy	Member
P. Mukhopadhyay	Member
K. R. S. Priolkar	Member
D. Parulekar	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

Anju Timblo, Managing Director, Cidade de Goa

P. G. Kakodkar, Former Chairman, State Bank of India

Maria Couto, Member (w.e.f. 1.8.08)

#### Nominees of the State Government

Shrinivas V. Dempo, Chairman, Dempo Group of Companies (upto 31.7.08)

D. P. Pednekar, Porvorim (upto 31.7.08)

Ramakant Khalap, Mapusa (w.e.f. 1.8.08)

Datta D. Naik, Margao (w.e.f. 1.8.08)

#### Nominees of the Vice-Chancellor

A. Sreekumar, Dean, Faculty of Management Studies (upto 31.7.08)

R. P. Adgaonkar, Dean, Faculty of Engineering (upto 31.7.08)

D. J. Bhat, Head, Department of Botany (upto 31.7.08)

D. M. Deshpande, Saraswat Vidyalyaya's College (upto 31.7.08)

P.V. Desai, Dean, Faculty of Life Science and Environment (upto 31.8.08)

Pradeep Naik, Dean, Faculty of Medicine, (w.e.f. 1.8.08)

G.N.Nayak, Head, Department of Marine Science, (w.e.f. 1.8.08)

Newman Fernandes, St Xavier's College of Arts, Science & Commerce (w.e.f. 1.8.08 to 13.9.08)

M. Pinheiro, V.M. Salgaocar College of Law, (w.e.f. 13.9.09)

#### Ex officio Members

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

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

M. M. Sangodkar, Registrar, Goa University, Member Secretary (Ex.Officio)

During the year 2008-2009, seven regular meetings, two special meetings of the Executive Council were held. The meetings were held on 12-07-08, 20-09-08, 29-09-08 (special), 29-11-08, 10-1-09; 23-1-09; 06-03-09, 15-04-09 (special) and 23-5-09.

### **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 Carvalho, Margao

Dattaraj V. Salgaocar, Salgaocar House, Vasco

#### Nominees of the State Government

Ganesh Shiva Kubal, Porvorim (upto 31.7.08)

S. P. Dixit, Ponda (upto 31.7.08)

P. M. Sawant, Mapusa (upto 31.7.08)

S. U. Kerkar, Sankhli (upto 31.7.08)

Shambu Bhau Bandekar, Saligao (w.e.f. 1.8.08)

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Kashinath Jalmi, Marcela (w.e.f. 1.8.08)  
Deepti Salgaocar, Vasco (w.e.f. 1.8.08)  
Nisha D'Cunha, Porvorim (w.e.f. 1.8.08)

Nominees of the Executive Council

V. N. Jindal, Dean, Faculty of Medicine (upto 31.7.08)  
Louis Vernal, Dean, Faculty of Education (upto 31.7.08)  
B. K. Sharma, Dean, Faculty of Languages & Literature (upto 31.7.08)  
A. S. Nadkarni, Dean, Faculty of Law  
B. Ramesh, Dean, Faculty of Commerce  
Pradeep Naik, Faculty of Medicine (w.e.f. 1.8.08)  
A.R. Naik, Dean, Faculty of Engineering (w.e.f. 1.8.08)  
M.V. Vengurlekar, Dean, Faculty of Performing, Fine Art & Music (w.e.f. 1.8.08)  
Chairman, Goa University Students' Council, Goa University  
Chairman/President, Chowgule Education Society, Smt. Parvatibai Chowgule College of Arts & Science, Margao (upto 31.7.08)  
Chairman/President, Dnyanprasarak Mandal's DM's College of Arts, S. P. Vaidya College of Science and VNS Bandekar College of Commerce, Mapusa Goa (w.e.f. 1.8.08)  
The President /Chairman, Narayan Zantye College of Commerce, Bicholim (w.e.f. 1.8.08)  
The President /Chairman, Dyan Prabodini Mandal's College of Arts & Commerce, Cancona (w.e.f. 1.8.08)

University Professors

S.P. Kamat, Department of Chemistry (upto 31.7.2008)  
K. S. Rane, Department of Chemistry (upto 31.7.2008)  
J. A. E. DeSa, Department of Physics (upto 31.7.2008)  
G. M. Naik, University Science Instrumentation Centre (upto 31.7.2008)  
Pratima Kamat, Department of History  
D. J. Bhat, Dean, Department of Botany (w.e.f. 1.8.08)  
J.B. Fernandes, Head, Department of Chemistry (w.e.f. 1.8.08)  
A. B. Shanbhag, Head, Department of Zoology (w.e.f. 1.8.08)  
G. N. Nayak, Head, Department of Marine Science (w.e.f. 1.8.08)

Principals of Affiliated Colleges

S. V. Deshpande, Dhempe College of Arts & Science (upto 31.7.08)  
Carol Noronha, Institute of Nursing Education (upto 31.7.08)  
Emma Maria A. C., Carmel College of Arts, Science & Commerce (upto 31.7.08)  
P. M. Bhende, GVM's Shri Gopal Govind Poi Raiturkar College of Commerce & Economics (upto 31.7.08).  
Newman Fernandes, St. Xavier's College of Arts & Science (upto 31.7.08)  
Marie Raj, Goa Salesian Society, Panaji (w.e.f.1.8.08)  
M.G. Pai, Goa College of Pharmacy, Panaji (w.e.f.1.8.08)  
R.V. Gaonkar, Smt. Parvatibai Chowgule College of Arts & Science, Margao (w.e.f.1.8.08)  
Arvind Kothe, SES Homeopathic College & Hospital, Shiroda (w.e.f.1.8.08)  
A.R. Sakhardande, Narayan Zantye College of Commerce, Bicholim (w.e.f. 1.8.08)

Elected Members

Modhu Gaude Ghodkirekar, Goa Medical College (upto 31.7.08)  
Jude Rodrigues, Goa Medical College (upto 31.7.08)  
M. R. K. Prasad, V. M. Salgaocar College of Law (upto 31.7.08)  
G. Shabir Ali, V. M. Salgaocar College of Law (upto 31.7.08)  
Harish S. S. Nadkarni, Smt. Parvatibai Chowgule College of Arts & Science (upto 31.7.08)  
A. V. Veeresh, Smt. Parvatibai Chowgule College of Arts & Science (upto 31.7.08)

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Sushila S. Mendes, Government College of Arts, Science and Commerce (upto 31.7.08)  
Joydeep Bhattacharjee, Govt. College of Arts, Science & Commerce (upto 31.7.08)  
R. Roy, Department of Zoology (upto 31.7.08)  
Sanjyot D. Pai Vernekar, Department of Philosophy (upto 31.7.08)  
Nagendra Rao, Department of History (upto 31.7.08)  
Anthony P. Rodrigues, Fr. Agnel College of Arts & Science, Pilar (upto 31.7.08)  
Sucheta Halkar, Dhempe College of Arts & Science, Miramar (w.e.f.1.8.08)  
P.V. Rataboli, Goa Medical College (w.e.f.1.8.08)  
Ajit Nagarsenkar, Goa Medical College (w.e.f.1.8.08)  
R. Seturammacharya, Carmel College of Women, Nuvem (w.e.f.1.8.08)  
Devashish Bagchi, Smt. Parvatibai Chowgule College of Arts & Science (w.e.f.1.8.08)  
Vinayak Shet, Goa College of Engineering, Farmagudi (w.e.f. 1.8.08)  
Bipin Bandekar, Narayan Zantye College, Bicholim (w.e.f. 1.8.08)  
Santosh G. Tilve, Department of Chemistry (w.e.f. 1.8.08)  
V.S. Nadkarni, Department of Chemistry (w.e.f. 1.8.08)  
Sandeep Garg, Department of Microbiology (w.e.f. 1.8.08)

Nominees of the Executive Council, Representative of Non-Teaching Staff

M. Shreedhara, Controller of Examinations (upto 31.7.08)  
G.J.S. Talaulikar, Asstt. Registrar & Offg. Controller of Examination (w.e.f. 1.8.08)  
M. M. Sangodkar, Registrar, Goa University, Member Secretary (ex officio)

During the year 2008-2009, one special and one regular meeting of the Court were held on 28.6.2008 (Special) and 26.3.2009 respectively.

### **1.3 Members of the Academic Council**

Chairman

Dileep 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 Performing, Fine Art & Music

Dean, Faculty of Life Sciences & Environment

Dean, Faculty of Social Sciences

Dean, Faculty of Commerce

Dean, Faculty of Natural Sciences

Dean, Faculty of Medicine

Dean, Faculty of Mgt. Studies

Dean, Faculty of Engineering

Dean, Faculty of Education

Dean, Faculty of Law

Dean, Faculty of Design

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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. Salgaocar College of Law  
Rita Paes, Nirmala Institute of Education  
I. Bhanu Murthy, Shree Damodar College of Commerce & Economics  
L.C. 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. V. Nair, Department of History  
Savita Kerkar, Department of Biotechnology

Elected Members

Jude Rodrigues, Goa Medical College  
K.G. Hiremath, Dhempe College of Arts & Science  
D.S. Parab, Dhempe College of Arts & Science  
Audhoot Satardekar, Carmel College for Women  
Ramlal Saji Vernekar, CES College of Arts & Commerce  
Gurunath 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  
The Controller of Examination, Goa University  
M. M. Sangodkar, Registrar, Goa University

## 1.4 Members of Planning Board

Chairman

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

Nominees of the Chancellor

Nandini Sardesai, Mumbai

Registrar, Goa University, Member Secretary (Ex.Officio)

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Nominees of the Vice-Chancellor

A. Sreekumar, Dean, Faculty of Management Studies (upto 31.7.08)  
Bhaskar G. Nayak, Govt. College of Arts, Science & Commerce, Quepem (upto 31.7.08)  
Newman Fernandes, St. Xavier's College of Arts & Science (upto 31.7.08)  
Datta Naik, Margao (w.e.f. 1.8.08)  
Edgar D'Sa, Sr. Scientist, NIO Dona Paula (w.e.f. 1.8.08)  
Ravi Hazra, Goa College of Architecture (w.e.f. 1.8.08)

Nominees of the Executive Council

Kaveriappa, Vice-Chancellor, Mangalore University (upto 31.7.08)  
Seyad E. Hasnain, Vice-Chancellor, Hyderabad University (w.e.f. 1.8.08)  
A. V. Afonso, Dean, Faculty of Social Sciences, Goa University

Nominees of the University Grants Commission

Gopal Guru, Centre for Political Studies, School of Social Sciences, Jawaharlal Nehru Univ., New Delhi (upto 31.7.08)  
R.P. Kaushik, Former Prof. of JNU, Gurgaon (w.e.f. 1.8.08)

Ex officio Member

M. M. Sangodkar, Registrar, Goa University, Member Secretary (ex officio)  
During the year 2008-09, one meeting of the Planning Board was held on 16.7.2008.

## 1.5 Members of the Finance Committee

Chairman

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

Members

M. M. Sangodkar, Registrar, Goa University  
Jt. Secretary/ Director of Higher Education, Government of Goa  
Jt. Secretary (Finance), Govt. of Goa  
B. Ramesh, Dean, Faculty of Commerce

Nominee of the Executive Council

Ramakant D. Khalap, Mapusa

Nominee of the Chancellor

Ramnath G. Kare, Managing Director, Kare Group of Companies  
Finance Officer, Goa University, Member Secretary

## 1.6 Deans of Faculties (as on 23.7.09)

K.S. Bhat, Languages & Literature  
A.V. Afonso, Social Sciences  
J. B. Fernandes, Natural Sciences  
P. V. Desai, Life Sciences & Environment  
B. Ramesh, Commerce  
A. Sreekumar, Management Studies  
Pradeep Naik, Medicine  
N. Somayaji, Engineering  
A. S. Nadkarni, Law  
M. V. Vengurlekar, Performing, Fine Arts & Music  
D. N. Deobagkar, Design  
L. Vernal, Education

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## 1.7 Officers of the University

D. N. Deobagkar, Vice-Chancellor  
 M. M. Sangodkar, Registrar  
 D. J. Naik, Finance Officer  
 M. Shreedhara, Deputy Registrar (Academic)  
 A. V. Afonso, Prof. Incharge, Library  
 Milton Fernandes, Asstt. Director, Physical Education & Sports  
 V. L. Sawkar, Executive Engineer  
 M. Chakraborty, Head of Computer Centre  
 S. Bandodkar, Programmer  
 A. A. T. H. Rosa, Programmer  
 P. Sequeira, Medical Officer  
 G. J. S. Talaulikar, Asst. Registrar (Actg. C.O.E.)  
 L. V. Macedo, Asst. Registrar  
 D. A. E. Rodrigues, Asst. Registrar  
 A. Fernandes, Asst. Registrar  
 S. N. Kamat Dias, Asst. Registrar  
 R. R. Bhatikar, Asst. Registrar  
 B. T. A. D'Mello e Daniel, Assistant Registrar  
 S.S. Figueiredo, Assistant Registrar  
 Group B Employees  
 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 Management of non-Govt. Colleges in Goa  
 Anil Dinge, Chairman  
 D. B. Arolkar, Secretary

Srikrishna Pokle, President  
 R.V. Gaonkar, Vice-Secretary

Executive Committee of Goa University Teachers' Association

B. D. Desai, Chairman  
 A. B. Shanbhag, Vice Chairman  
 Vijayendra P. Kamat, Secretary  
 A. J. Jayanthan, Jt. Secretary  
 S.K. Shyama, Treasurer

J. A. E. Desa, Member  
 A. S. Garg, Member  
 K. R. Priolkar, Member  
 V. S. Nadkarni, Immediate Past Secretary (ex officio)

University and College Teachers' Association

Gurunath Prabhu Khanolkar, President  
 Deeprani Prabhu, Secretary  
 Rajesh Amonkar, Jt. Secretary

Apurva Marathe, Treasurer  
 B. S. Ingalhalli, Vice-President

Govt. College Teachers' Association

Oscar Noronha, President  
 Constancio Fernandes, Vice President  
 Ramrao Wagh, Secretary

Daisy John, Joint Secretary  
 Nilesh Borde, Treasurer

Executive Committee of the Association of Officers of Goa University

M. Shreedhara, President  
 G. J. S. Talaulikar, Vice-President

M. Chakraborty, Member  
 V. L. Sawkar, Member

Anselmo A. T. H. Rosa, Secretary Milton Fernandes, Member  
Bertha T. A. D'Mello e Daniel, Treasurer

Executive Committee of the Goa University Non-Teaching Employees Association

Subhash Khandeparkar, President Yojana Dessai, Member  
Gajanan Tari, Vice-President Prarthana Naik, Member  
Silvia Rodrigues, General Secretary John De Braganca, Member  
Usman Shaikh Ali, Joint Secretary Maria Fernandes, Member  
Vinayak Arwandeekar, Treasurer Shivanand Volvoikar, Member

College Development Council

Dileep N. Deobagkar, Vice-Chancellor, Chairman  
The Director, Directorate of Higher Education, Member  
M. M. Sangodkar, Registrar, Member  
J. B. Fernandes, Principal, Govt. College of Arts, Science & Commerce, Sanquelim, Member  
B. K. Sharma, Member  
Newman Fernandes, Principal, St. Xavier's College, Mapusa, Member  
B. Ramesh, Member  
A. S. Dinge, Principal, P.E.S. College of Arts & Sc. Farmagudi, Ponda, Member  
Dilip R. Salgaocar, Managing Director, Geno Pham. Ltd., Tivim Ind. Estate, Karaswada, Member  
G. P. Prabhu Khanolkar, P.E.S. College of Arts & Sc., Farmagudi, Ponda, Member  
Blaise Costabir, Managing Director, M/s Zarhak Moulders Pvt. Ltd., Verna Ind. Estate, Verna, Member  
B. S. Ingalhalli, Lecturer in Geography, M.E.S. College, Zuarinagar, Member  
D. B. Arolkar, Co-ordinator, College Development Council, Member Secretary

Executive Body of Post Graduate Students' Union

Prabhu Deepraj Deelip, President Kaskar Sainath Dattaram, Sports Secretary  
Vengurlekar Narayan R., Secretary Shetgaonkar Geetanjali G., Ladies' Representative

Executive Union of Goa University Students' Council

Naik Siddhesh R., Chairman Shaikh Abdul Zaheer Salauddin, Member  
Kharangate Vibhav A., Secretary Jog Amit Chandrakant, Member  
Nagwekar Vinima R., Member Barreto Johnitin Alberto, Member  
Kalagi Bheemappa D., Member Almeida Sergio Jose, Member  
Jamadar Amirkusro Gulamrasul, Member

Managing Committee of The Goa University Campus Consumers Co-op. Society Ltd.

D. J. Bhat, Chairperson V. L. Sawkar, Member  
K. Mahender, Secretary R. S. Parsekar, Member  
I. K. Pai, Vice-Chairman Dilip Chari, Member  
S. C. Ghadi, Member B. Kamalakar, Member

Goa University Co-Operative Credit Society (Est. 12/01/1990)

Aslam Shaikh, Chairman Vishwasrao Sawant, Executive Member  
Ganadhish Keni, Vice-Chairman Eknath Sawant, Executive Member  
Gangaram Naik, Secretary B.G. Khanolkar, Executive Member  
Nanda Gawas, Treasurer Uday Parsekar, Executive Member  
Renato Dias, Executive Member

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

#### FACULTY BOARD

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

#### Department of English

##### Faculty

K. S. Bhat, Ph.D., Professor & Head, (Literary Theory, Critical Theory & Cultural Studies).  
 K. J. Budkuley, Ph.D., Reader, (British Poetry, Culture & Gender Studies, Indian Literature and Novel).  
 A. R. Fernandes, Ph.D., Reader, (Novel, Linguistics, Commonwealth Literature & Language Laboratory).  
 N. Caldeira, Ph. D., Reader, (Goa Culture Studies, Post-Colonial Literature, Canadian Literature and Linguistics).

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

The Department of English is actively engaged in research in the areas like Cultural Studies, Post-colonial and Gender Studies and Theatre movements in India.

##### Other Information

Rafael Fernandes, Two interviews telecast by RDIO , Televisao Portuguesa – Internacional(RTPI).  
 Programmes produced under the sieves contacts – Goa, by Lotus film & TV Production.

#### Department of Konkani

##### Faculty

C. A. D' Souza, Ph. D., Reader & Head, (Literary Criticism, Modern Konkani Poetry, Indian Literature & Media Studies).  
 P. S. Tadmokar, M. A., Reader, (Drama, Modern Konkani Prose, Literary Criticism & Research Methodology).  
 M. Sardesai, Ph.D., Lecturer, (General Linguistics, Socio Linguistics, Works of Goembab, Translation Studies).  
 P. Parienkar, M. A., M.Com., Lecturer, (Old Konkani Literature, Konkani language Movement & Konkani Folklore).

##### Visiting Scholars

Pramod Talgiri, O. J. F. Gomes, H. Nagvenkar, Suresh Borkar, Gokuldas Prabhu, Rajendra Kerkar, Suneetha Bai, Sandesh Prabhudesai.

##### Sponsored Research Projects sanctioned between June, 08 - May, 09

Jyoti Pawar and Chandralekha D'Souza, Parallel Corpora Development for Konkani under ILCI project, 11<sup>th</sup> Feb., 09 (Two Years), Ministry of Communications and information Technology, Electronics Niketan,

6 CGO Complex New Delhi 11, Rs. 23 lakhs.

No of Ph.D.s awarded: 1

Awards/Honours conferred

Prakash Parienkar: Dr T.M.A. Pai appreciation Sahitya Award 2007 has been awarded for the Konkani book "Dawarne".

Special achievements by students/staff

Madhavi Sardesai: a) Resource person representing Konkani at "Charting the future of the classics in India", organized by the "Indian Institute of Advanced Study" Shimla in collaboration with Columbia University, New York, 26<sup>th</sup> Apr., 09. b) Delivered a Key Note address on "The Role of Dictionaries in the Empowerment of Language" at a workshop on "Dictionaries and Generative Lexicon" jointly organized by CIIL, Mysore and Fr. Agnel Collage, Pillar, 2<sup>nd</sup> Feb., 09.

No. of Radio talks: 5

## Department of Hindi

Faculty

R. N. Mishra, Ph. D., Professor & Head, (Medieval Modern & Contemporary Poetry, Indian Poetics, Translation & Mass Media & Journalism).

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

I. B. Khan, Ph. D., Reader, (History of Hindi Literature, Linguistics & Functional Hindi).

V. S. Mandrekar, Ph. D., Reader, (Short Story, Comparative Literature and Translation).

Highlights of major thrust areas of research and achievements:

The Department of Hindi is actively involved in the areas like Indian literature, functional Hindi, Translation & Mass Media. The Department of Hindi also invites visiting professors from other Universities to deliver lectures, arranges lectures of Hindi Scholars, organizes National Seminars, Workshops, and celebrates Tulsi evam Premchand Jayanti to create academic, literary and cultural atmosphere in the Department.

The faculty members of the Department have been actively involved in publication of research papers in Indian journals and in editing books. Faculty members have also translated Konkani prose and poetry in Hindi and have reviewed books and research project work.

Visiting Scholars

Chankrakala Tripathi, B. H. U. Varanasi, Hindi Novel & Samkaleen Kavita, 9<sup>th</sup> Jan., 09.

Rishabdev Sharma, S. B. H. P. Sabha, Hyderabad, Prayojan Mulya Hindi: Swarup Evam Mahatv & Samkaleen Kavita: Vividh Aayam, 23<sup>rd</sup> Jan., 09.

Ram Mohan Patak, Banaras Hindu University Varanasi, Sanchar Madhyam: Swarup evam Mahtva, 11<sup>th</sup> Feb., 09.

Ajay Tiwari, Dept. of Hindi, Delhi University, Marksvadi Vichardhara aur Sahitya Hindi upanyas aur Godan, Media aur Samaj, Navjagran ki sanskriti, Nirala ki Kavita, Samkaleen kavita ka Paridrusa, Nagarjun aur kedarnath Singh ki kavita, Sarveshvar Dayal Saxena aur Dumil ki Kavita, 13<sup>th</sup> - 17<sup>th</sup> Feb., 09.

Iresh S. Swamy, Former Vice Chancellor Solapur University, "Tulsidas," khand kavya (Nirala) and Nirala ke kavya ka Mulanker, 24<sup>th</sup> Mar., 09.

Devendra Kumar Chaubey, J. N. U., New Delhi, Samkaleen Katha Sameksha, 26<sup>th</sup> Mar., 09.

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Ongoing Projects / completed during June, 08 - May, 09:

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

No. of Radio talks/ TV interview/ Popular articles : 01.

### Department of Marathi

Faculty

S. M. Tadkodkar, Ph. D., Reader & Head, ( Theory of Literary Criticism, post Sixty Marathi Literature, Christian Marathi Literature).

V. D. Sawant, Ph. D., Reader, (Modern Marathi Literature, Literary Theory & Criticism, Novel).

B. G. Kanolkar, Ph. D., Reader, (Folk Literature, Indian Literature, Modern Marathi Literature & Criticism, Goa Literature, Goology, (Goan History, Society, Art & Culture) Linguistics, Comparative Studies, Drama and Theatre.

S. S. Umraskar, M. A., Lecturer, (Medieval Literature, Modern Literature).

### Department of French

Faculty

A. Wagle, Ph. D., Reader & Head, (Translation and Interpretation Linguistics & Methodology of Teaching French)

E. M. Furtado, Ph. D., Reader, (French & Francophone, Literature, French-Canadian Studies and Culture Studies with special reference to Goa).

Visiting Faculty

Thibaut Lemarchand, M. A., Tutor, (Methodology of Teaching French, French Language and Culture).

Marise D'Lima, M. A., (French for Hotel & Tourism Industry, Translation).

Chiara Luzzolini, M. A., (Language Teaching).

Highlights of major thrust areas of research and achievements:

The Department of French and Francophone Studies has the unique advantage of offering interdisciplinary programmes that are innovative and utility oriented. The major thrust areas are Literature, Translation, Methodology, Functional French, Language Proficiency and Cultural Studies.

The Department has developed in the area of Francophone Canadian Studies and the Colonial Encounter, going as far as including Goan post-colonial literature written in English and French with the Francophone world as the point of reference. It has also been working towards the diffusion of Translation Studies, which have been given a major thrust in recent years.

The Department holds Language courses for institutions such as the Academy for Culinary Science (Cidade de Goa ) as part of their diplomas. In addition, the faculty of the Department of French and Francophone Studies has 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 so as to introduce new and innovative ways of teaching the language.

The Department has also signed an MOU with Université Stendhal Grenoble -3 (France) for co-operation in research projects, MA French through distance mode and Student Exchange Programme.

Visiting Scholars

François Mangnot, Université Stendhal, Grenoble -3 (France), "Use of Multimedia for Teaching French", 5<sup>th</sup> Mar., 09.

Mme Maryse Wolinsky, Novelist, Women and creative writing, 23<sup>rd</sup> Mar., 09.

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Sponsored Research Projects sanctioned between June, 08 - May, 09:

Edith Melo Furtado, *The Wrks of Manohar Sardessai –a meeting point between the East and the West*, April 2008 - Apr., 2010, UGC, Rs. 50,000/-.

Ongoing Projects / completed during June, 08 – May, 09:

Anuradha Wagle and Edith Melo Furtado, Textbook for Std IX Apr., 08, one year, Goa Board of Sec. and Higher Secondary Education, Rs. 10,000/-.

Other Information

Fellowship/Visiting Professorship

Anuradha Wagle was invited to participate, with full sponsorship, in the International Congress of French Teachers in Quebec City (Canada) organized by the International Federation of Teachers of French (FIPF) headquartered in Paris (France). She conducted a workshop on - “Découvertes” de la méthode ICI : une démarche actionnelle et interculturelle at the Congress.

Edith Melo Furtado was invited by the Consul of Quebec in Mumbai as one of the guests of honour for the release of the journal « Synergies Inde »

Achievements of Staff and students

Anuradha Wagle and Edith Melo Furtado were awarded the title of “Chevalière dans l’Ordre des Palmes Académiques” by the Prime Minister of France for outstanding contribution for the promotion of French culture and language in India.

Wagle was elected President of the Commission for Asia-Pacific of the International Federation of Teachers of French (FIPF) headquartered in Paris (France) where she represents 21 countries of the Asia-Pacific region in the Executive Council of the Federation.

## Department of Portuguese

Faculty

Mendonça, Délio, Temporary Lecturer, In charge

Da Silva, Delfim C., Visiting Lecturer

Barreto, Maria do Céu, Visiting Lecturer

Highlights of major thrust areas of research and achievements

- Course in *Didactics of Portuguese as a Foreign Language* in Lisbon, Portugal

Instituto Camoes, in association with Calouste Gulbenkian Foundation and Orient Foundation, and in collaboration with the Faculty of Arts, University of Lisbon, organized a short study program in *Didactics of Portuguese as a Foreign Language*, in Portugal, for students of Goa University. Six students, after completing their two year M. A. degree program, were awarded scholarships to attend the course. Instituto Camoes has signed an M.O.U. with Goa University and supports the language culture courses of the Department of Portuguese through pedagogical materials, assistance of a Portuguese teacher as well as other means like scholarships.

- Exhibition: *Alberto Carneiro: A sculptor in permanent osmosis and dialogue with Nature*.

A retrospective and anthological exhibition “Alberto Carneiro: A sculptor in permanent osmosis and dialogue with Nature” was conceived by the Department of Portuguese in collaboration with CLP\IC. The work of Alberto Carneiro reflects the profound dialogue of the author with currents of oriental philosophical and metaphysical thoughts and an intimate relation with nature.

“Commemorations in Goa of the 200 years of the Shifting of the Portuguese Court to Brazil”

Department of Portuguese of Goa University in collaboration with CLP/Instituto Camões and Biblioteca Nacional de Portugal (Portuguese National Library), organized a series of talks, exhibitions and screening of films and documentaries about Brazil.

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International and Transdisciplinary Conference *Garcia de Orta and von Humboldt – Across the East and the West*

The Department of Portuguese in collaboration with Instituto Camões and Orient Foundation hosted the International Conference Garcia de Orta and von Humboldt – Across the East and the West at the International Centre, Goa. 18 Participants from Portugal, Germany, Croatia and various States of India presented papers on varied topics with the aim of furthering the meeting of Science and Culture.

A workshop on movement Body itineraries for fragmentary stories also was organized by the Department of Portuguese at the premises of the Centro de Língua Portuguesa/ Instituto Camões in Panaji (AGVA HOUSE, Dr. Dada Vaidya Rd.) on 26<sup>th</sup> & 27<sup>th</sup> November.

A talk on Portuguese Linguistics was delivered by Dr. Sebastiao Iken, followed by a book presentation Garcia de Orta and Von Humboldt – Wanderings, research and dialogue among cultures (papers of the Conference held at the Society of Geography, Lisbon, 29<sup>th</sup> & 30<sup>th</sup> May, 07).

Portuguese Cinema: Tribute to Manoel de Oliveira

The Department of Portuguese. in collaboration with the Centro de Língua Portuguesa / Instituto Camões-Goa organized screenings of films on the occasion of the Birth Centenary of the Portuguese filmmaker Manoel de Oliveira.

On 21<sup>st</sup> March, World Poetry Day, the Department of Portuguese, in collaboration with Instituto Camões, organized the *First Marathon on Reading*.

The Ambassador of Portugal in New Delhi, Luis Filipe Castro Mendes, inaugurated the session which included the participations of Goan writers Maria Aurora Couto, Margaret Mascarenhas, Pratap Naik, Isabel Santa Rita Vas, Tanya Mendonsa and Carmo D'Souza. 42 participants read poems in Konkani, Hindi, Urdu, Marathi, Sanskrit, Portuguese, English and many more languages in a perfect symphony and lyrical ambience.

## 2.2 Faculty of Social Sciences

General Information regarding Faculty (Departments and Degrees):

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

### FACULTY BOARD

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

### Department of Economics

Faculty

S. M. Noronha, Ph. D., Reader & Head, (up to 31/12/08) (Labour Economics, Development Economics).

P. K. Sudarsan, Ph. D., Reader & Head, (from 1/1/09) (International Economics, Economic Theory).

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P. Mukhopadhyay, Ph. D., Lecturer (S. S.) (Macroeconomics, Environment & Growth).

Temporary Faculty:

M. D. Aiholi, M. A., Lecturer, (Labour Economics, Industrial Economics, Financial Economics).

Highlights of major thrust areas of research and achievements

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 specialization by writing research papers and presenting at seminars and publishing them.

Sponsored Research Projects sanctioned between June, 08 - May, 09

P.K. Sudarsan, Financing of University Libraries in India: An empirical study, 1<sup>st</sup> May, 09, 2 years, UGC, New Delhi, Rs. 4,29,200/-.

No of Ph.D.s awarded: 03.

Special achievement by students/staff

Pranab Mukhopadhyay is currently a member of Executive Committee of the Indian Society for Ecological Economics (INSEE).

No. of Radio talks/TV interviews/Popular articles: 1.

## Department of History

Faculty

P. P. Kamat, Ph. D., Professor & Head, (Indo-Portuguese History and Maritime Studies).

N. Shyam Bhat, Ph. D., Reader, (History of Modern India and History of South Kanara).

N. Rao, Ph. D., Lecturer, (S.S.) (Ancient India and Economic History of Western Coastal India).

R. V. Nair, M. A., Lecturer, (History of Maritime Trade, Paramountcy in Western India, Western India Tourism, Colonial Migration).

Parag D. Parobo, M.A., Lecturer, (History of Goa, Portuguese Colonialism, Intellectual History and Maritime History).

Highlights of major thrust areas of research and achievements

The major thrust areas of the department are Indian History, History of Goa, Indo-Portuguese History and Maritime Studies. Faculty members have written and published research papers, and the department has organised special lectures related to the above areas of History.

Visiting Scholars

Rev. Charles Borges, S. J., Loyola College, Baltimore, Maryland, U.S.A., Issues in Religious Colonialism, 6<sup>th</sup> Jan., 09.

Sangeeta Sonak, Scientist & Consultant, Goa, A History of Khazan Lands of Goa, 10<sup>th</sup> Feb., 09.

Tomazinho Cardozo, former Speaker & noted tiatrist, Language and Goan Identity, 13<sup>th</sup> Feb., 09.

Mathany Saldanha, former M. L. A. and social activist, Peoples' Movements in Goa, 20<sup>th</sup> Feb., 09.

Prajal Sakhardande, Dhempe College, Miramar, Heritage Consciousness in Goa, 5<sup>th</sup> Mar., 09.

Ongoing Projects / completed during June, 08 - May, 09

N. Shyam Bhat, "The Historical Interface: Human World and Environment on the Western Coast of India (With special reference to Goa and Coastal Karnataka)", 13<sup>th</sup> Mar., 08 (From 1<sup>st</sup> Apr., 08 - 31<sup>st</sup> Mar., 11), U.G.C., Rs. 4,39,200/-.

Other Information

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Study visit to places of historical importance in Quepem and Sanguem talukas on 7<sup>th</sup> Mar., 09 and Sattari and Bicholim talukas on 21<sup>st</sup> Mar., 09.

R. Venugopalan was invited as Chief Guest, and delivered a talk to students of Kendriya Vidyalaya Bambolim, Goa on the contributions of Maulana Abul Kalam Azad to our country on the occasion of National Education day and Maulana Abul Kalam Azad Jayanthi, on 11<sup>th</sup> Nov., 08.

## Department of Philosophy

Faculty

A. V. Afonso, Ph. D., Professor & Head, (Philosophy of Science, Philosophy of Religion).

S. D. Pai Vernekar, Ph. D., Reader, (Meta-Ethics, Logic).

U. A. Vinay Kumar, Ph. D., Reader, (Indian Philosophy, Indian Logic and Linguistic Philosophy).

M. Desai, Ph. D., Reader, (Philosophy of Science).

K. Tharakan, Ph. D., Lecturer, (S.S.) (Philosophy of Social Sciences, Phenomenology).

No of Ph. Ds awarded: 01.

Awards/Honours conferred:

U. A. Vinaya Kumar: "Veda Vidya Nidhi" – Award conferred by World Association for Vedic Studies, USA.

Special achievements by student/staff:

A. V. Afonso, engaged in research in the area of 'Method in Ethics' as part of the project on Modes of Philosophical Reasoning.

Sanjyot D. Pai Vernekar, engaged in research on Sri Aurobindo and the process of Spiritualisation in politics and is completing a research paper on the same.

U. A. Vinay Kumar, Engaged in research on "Madhvacharya's Universe".- its structure and linguistic dimensions.

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

Koshy Tharakan, focused his research on the area of Ethics and in that context is completing a research paper on the "Ethics of Silence".

## Department of Political Science

Faculty

R. Tripathi, Ph. D., Lecturer & Teacher in charge, (International Relations, International Political Economy, South Asia).

Prakash Desai, Ph.D. Lecturer, (Political Theory, Multiculturalism, West Asia).

A. Fernandes, Ph.D., Reader, (Public Administration, Urban Governance, Decentralisation).

Highlights of major thrust areas of research and achievements

Department of Political Science maintained its focus on themes relating to political institutions and processes in the local, national and the global context. Areas such as Human Rights and Decentralisation with special reference to Panchayati Raj institutions were given greater attention by way of faculty publications, seminars, workshops and dissemination. Besides, the department continued its extension and advocacy through its certificate programme in human rights which saw a successful completion of its second batch.

Visiting Scholars

Paul Wilkinson, Centre for International Security Studies, University of Sydney, Australia, Emerging

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Security Architecture in Asia, 10<sup>th</sup> Dec., 08.  
Sheela Barse, Neergaurav Trust, Pune, Religion and Human Rights.

#### Other Information

Past student Deborah Menezes has been selected for 'Goa Scholars Scheme' for higher studies in the U. K.

### Department of Sociology

#### Faculty

G. Somayaji, Ph. D., Reader & Head, (Sociology of Food, Sociology of Language and Social Theory).  
A. Siqueira, M. A., Lecturer, (S.G.) (Social Research Methods, Tourists and Tourism, Sociology of Religion).  
Joanna Pereira Coelho, M. A., Lecturer, (Sociology of Language and Sociology of Indian Society).

#### Highlights of 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 villages, 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. The Department also encourages researchers from other institutions to use the Departmental resources in mutually enriching exchanges.

No of Ph.D.s awarded: 01.

### Centre for Latin American Studies

#### Faculty

A. Gangopadhyay, Ph.D., Lecturer, (S.S.) (Latin American Studies, International Relations).  
D. D. Parulekar, M.A., Lecturer, (International Organisations and International Relations).

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

International Relations and Latin American Studies have been the major thrust areas of the Centre. The faculty members have published research papers in journals and have presented their research work in national seminars on issues such as India-Latin American relations, the relevance of area studies, regionalisms of the South, IBSA, energy security and Indo-US relations. The Centre also organized workshops on themes of Teaching and Understanding of International Relations/Area Studies and Diplomacy in the Era of Globalisation for the Foreign Services Institute, MEA, New Delhi.

#### Other information

##### Special achievement by students/staff

Aparajita Gangopadhyay participated in the Salzburg Global Seminar's American Studies Symposium on "Transnationalism and Immigration Shock in American Society and Literature" held on 30<sup>th</sup> Oct., – 2<sup>nd</sup> Nov., 08 at Salzburg, Austria.  
Aparajita Gangopadhyay "New Vistas in India-Brazil", O Heraldo, 12<sup>th</sup> May, 08.

### Centre for Women's Studies

S. Desouza, M. A., Lecturer, (Gender Studies, Health and Rights/Organising for Change).

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

The CWS continues to be committed to the National Agenda of Women's Empowerment through

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teaching, training, research, documentation and extension work. The Centre hopes to develop its teaching agenda and teach a Post Graduate Certificate Course titled 'Working with Women and Children'. The CWS has conducted several workshops and training for college students, NGO's and Government functionaries on women's issues.

The Centre has a vision to expand into an Advanced Centre for Women's Studies and hopes to reach out to a wider cross section of the Goan Society and include a variety of empowerment programmes such as training of women grassroot leaders, women entrepreneurship training etc as well as expand the research and extension work highlighting women's concerns in Goa. The Centre hopes to develop courses in order to facilitate the incorporation of women's studies in all subjects at the under graduate and post graduate level as per the UGC requirement.

The Centre has well-established links both with the Government as well as Non-Government agencies working for the empowerment of women and works closely with the Goa State Commission for Women. The CWS has been a resource centre which has served Government agencies, students and several NGO's working for women and on women related projects.

The CWS was awarded a UGC 2 year Major Research project on 'Development, Tourism and Nutritional Transition in Goa' (Project Period April 2007-2009). The Lecturer, CWS is Principal Investigator. She also completed and was awarded pre-doctoral thesis by the Tata Institute of Social Sciences for her independent study of 'Women's Non-Hierarchical Organising: The Contribution of the Women's Movement'. She was appointed as a member of the Goa State Commission for Women and has been Member Secretary of the Standing Committee for Prevention of Sexual Harassment of Women at work place, Goa University.

Ongoing Projects / completed during June 08 - May 09

Shaile Desouza, Development, Tourism and Nutritional Transition in Goa, 7<sup>th</sup> Apr., - 9<sup>th</sup> July, 09, UGC, Rs. 4,49,280/-.

## 2.3 Faculty of Natural Sciences

General Information regarding faculty (Departments and Degrees)

Department of Chemistry: (M. Sc., Ph. D.)

Department of Mathematics: (M. Sc., Ph. D.)

Department of Computer Sciences & Technology: (M. C. A. , Ph. D.)

Department of Physics: (M. Sc., Physics, M. Sc., Electronics, Ph. D.)

Department of Earth Science: (M. Sc., Ph. D.)

### FACULTY BOARD

Dean of Faculty,	Chairman (Ex officio)	G. M. Naik,	Member (Ex officio)
J. B. Fernandes,	Member (Ex officio)	V. V. Kamat,	Member (Ex officio)
J. S. Budkuley,	Member (Ex officio)	Y. S. Valaulikar,	Member (Ex officio)
B. D. Dessai,	Member (Ex officio)	V. P. Kamat,	Member
S. P. Kamat,	Member (Ex officio)	T. A. Vishwanath,	Member
K. S. Rane,	Member (Ex officio)	A. A. A. Viegas,	Member
A. G. Dessai,	Member (Ex officio)	A. J. Jayanthan,	Member
P. R. Sarode,	Member (Ex officio)	U. Subramaniam,	Member
J. A. E. Desa,	Member (Ex officio)	Y. Pinto,	Member

## Department of Chemistry

### Faculty

- A. V. Salker, Ph. D., Prof. & Head, (Catalysis & Solid State Chemistry).  
K. S. Rane, Ph. D., Professor, (Solid State Chemistry).  
J. B. Fernandes, Ph. D., Professor, (Catalysis & Electrochemistry).  
S. P. Kamat, Ph. D., Professor, (Synthesis of Natural Products).  
V. P. Kamat, Ph. D., Reader, (Organic Synthesis).  
S. G. Tilve, Ph. D., Reader, (Synthetic organic Chemistry).  
B. R. Srinivasan, Ph. D., Reader, (Inorganic Synthesis).  
R. N. Shirsat, Ph. D., Reader, (Computational Chemistry).  
V. S. Nadkarni, Ph. D., Reader, (Synthetic Organic Chemistry & Polymer Chemistry).  
V. M. S. Verenkar, Ph. D., Lecturer, (S. S) (Solid State Chemistry).  
B. Das Gupta, Ph. D., Lecturer, (Theoretical Chemistry).  
S. N. Dhuri, Ph. D., Lecturer, (Coordination Compounds and Bioinorganic Chemistry).  
S. V. Girkar, M. Sc., Lecturer, (Organic Chemistry)

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

The Department of Chemistry conducts research in the following thrust areas:

1. Newer methods of Chemical Synthesis of Inorganic and Organic Materials.
2. Solid State Chemistry & Catalysis.
3. Electrochemistry.
4. Synthesis of Natural Products and Polymers.
5. Synthetic route by Green Chemical Processes.
6. Synthesis & Applications of Nanomaterials.

During the academic year 2008-09, faculty members of Department of Chemistry have published their research work in peer-viewed National / International journals.

The faculty members of this department have been involved in following activities:

- a) Investigations on metal ion absorption on hydrous manganese oxides.
- b) Preparation of nano material based active catalysts for carbon monoxide detoxification and metal organic type semiconductors for photo-degradation of azo dyes.
- c) Synthesis and characterization of coordination polymers of alkaline earth metals.
- d) Development of an efficient two-step general procedure for the synthesis of Avenanthramides.
- e) Development of a convenient method for organic synthesis through Domino Wittig Diels-Alder reaction
- f) Synthesis of new monomers and poly (sulphite-co-carbonate) polymers and successfully tested them as solid state nuclear track detectors.
- g) Designed improved synthetic strategies to obtain nano size titania.
- h) Oxidative organic transformations using metal and metal organic type Catalysts.

The department is funded by the UGC-New Delhi, under the special Assistance Program (SAP)- second phase since 2008 and by DST-New Delhi, under FIST second phase, with a combined total grant of about 186 lakhs for the period of five years. The grants have been sanctioned to procure NMR, CHNS analyzer, LCRQ meter, Gas Chromatography and other infrastructural developments.

### Visiting Scholars

Ravi Fernandes, Sandia National Laboratories, Combustion Research Facility, Livermore, California, USA - Colourful World of Alkyl Oxidation Reactions at Elevated Pressures, 17<sup>th</sup> Sept. , 08.

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V. Khanna, Director, Autonomous Post Graduate School, Ahmadnagar College, Ahmadnagar - Medicinal Chemistry, 17<sup>th</sup> Oct., 08.

Vijay Mohan, NCL, Pune - Nanomaterials, 26<sup>th</sup> Mar., 09.

Ongoing Projects / completed during June 08 - May 09

A. V. Salker, i) Detoxification catalysts.....and other sources, 28<sup>th</sup> Sept., 06, 2 years, DSTE-Goa, Rs. 2,36,000/-. ii) Nano structured based catalysts...gases, 23<sup>rd</sup> Feb., 07, 3 years, UGC, Rs. 6,63,039/-.

S. G. Tilve, i) Synthetic studies of alkaloids containing proline moiety, 1<sup>st</sup> June, 05 – 30<sup>th</sup> Nov., 08, DST New Delhi, Rs. 15,95,100/-. ii) Synthetic studies in bioactive marine natural products and their analogues, 1<sup>st</sup> Jan., 07 – 31<sup>st</sup> Mar., 10, CSIR New Delhi, Rs. 14,26,084/-. iii) Domino Wittig-Diels-Alder reactions, 1<sup>st</sup> July, 08 – 30<sup>th</sup> July, 11, UGC New Delhi, Rs. 4,77,230/-.

V. S. Nadkarni, Development of Novel Polymeric Nuclear Track Detectors 5<sup>th</sup> Apr., - 9<sup>th</sup> Mar., 09 Atomic Energy Regulatory Board, Govt. of India, Rs.21,70,000/-.

Infrastructure

Department of Chemistry is equipped with following instruments:

1. FT-IR spectrophotometer (2) (Shimadzu: IR-Prestige-21 and FTIR-8101A).
2. UV-Visible Spectrophotometer (Shimadzu: Uv- 2450).
3. TG-DSC (NETZSCH: STA 409 Pc Luxx).
4. X-ray diffractometer.
5. HPLC (JASCO: PU-2080 Plus).
6. Gas Chromatographs.
7. Flash Chromatography (Combi Flash, Companion).
8. Hysteresis loop tracer.
9. Two and four probe electrical conductivity instrument.

No of Ph.Ds awarded: 01.

Special achievements by students/Staff

H. Kadam, S. Bugde and K. Dhumaskar, qualified in Joint CSIR-UGC NET for JRF in Dec., 08.

S. J. Naik, qualified for CSIR, SRF in Feb., 09.

B. R. Srinivasan, has been awarded Indian National Science Academy (INSA) - German Science Foundation (DFG) bilateral exchange Fellowship for a visit to University of Kiel during April-May 09.

K. S. Rane delivered lectures at HINDALCO Innovation Centre, Taloja, Mumbai (July, 08) TATA Chemicals, Pune (Aug., 08), Birla White Cement Division, Aditya Birla Group (Mar., 09), HINDALCO, Belgaum (Apr., 09).

R. N. Sirsat, coordinated a refresher course in chemistry for teachers during 28<sup>th</sup> Mar., 09 - 18<sup>th</sup> Apr., 09.

## Department of Computer Science & Technology

Faculty

P. R. Rao, Ph. D., Prof. & Head, (Theoretical Computer Science, Data Mining, Data Warehousing, Access Control).

V. V. Kamat, Ph.D., Reader, (Comp. Graphics & CAD, Software Engineering).

J. Pawar, Ph.D., Lecturer, (S. G.) (Data Mining, Data Structures).

Y. Pinto, MCA, Lecturer, (S. G.) (Data Base Management Systems, Operating Systems).

R. Wagh, MCA, Lecturer, (S. G.) (Software Engineering, Database Management Systems, GIS).

R. Karmali, MCA, Lecturer, (S. S.) (Comp. Networking, Natural Language Processing).

S. Baskar, M.Sc., Lecturer, (S. S.) (Artificial Intelligence, Compiler & Embedded Systems).

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#### Visiting Scholars

N. Natekar - Computer Organization & Architecture.

Cidlia Bodade - Oral & Written Communication

M. A. Sudaraman - Introduction to Management Functions

Govind Kelkar - Software Foundations Laboratory

Pinky Pawaskar - Organizational Behavior

U. A. Bapat - Computer Graphics and Animation

Y. Vernekar - Accounting & Management, Accounting and Financial Management

Prakash Jagdale - Decision Support Systems

Sangeeta Naik - Data and File Structure

S. U. Kamat - Applied Operation Research

Rudresh Chari, Adobe, Bangalore, Different multimedia tools by Adobe & in particular video streaming server, 25<sup>th</sup> Apr., 09.

#### Sponsored Research Projects sanctioned between June, 08 - May, 09

Venkatesh Kamat, i) PGDCET: ICT Training for School Teachers, June,08, 2 yrs, Govt. of Goa, Rs. 130 lakhs. ii) MOROB: Modernization and Removal of Obsolescence, June, 08, 2 yrs, AICTE, Rs. 8 lakhs.

Jyoti Pawar, Ramdas Karmali (Co-PI), Chandralekha D'Souza, Dept. of Konkani (Co-PI), Parallel Corpora Development for Konkani under the Indian Language Corpora Initiative (ILCI), 11<sup>th</sup> Feb., 09; 2 years, DIT, Rs. 23 lakhs.

#### Ongoing Projects / completed during June 08 - May 09

Venkatesh Kamat, Framework for authoring tools using Instructional Design, June 2005, 3 yrs, AICTE, Rs. 3.50 lakhs.

Jyoti 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 (DM for H. D. data sets), 27<sup>th</sup> Aug., 07, 2 years, AICTE, Rs. 5.7 lakhs.

P. R. Rao, Design, Implementation & Extension of Data Mining Techniques for Semi structured data & their applicability, 1<sup>st</sup> Aug., 06 (3 years), AICTE, Rs. 7 lakhs

Infrastructure: Two Computer Laboratories.

Placement details: 29 were employed.

#### Other Information

Special achievement by students/staff

- i) Uday Anand and Miss Poonam Datta (third year students in the academic year 2008-2009) entered the finals in the great mind challenge competition conducted by IBM.
- ii) Ryan De Melo (third year student in the academic year 2008-2009) came as first runner up in the IT idol competition Conducted by CSI, Goa Chapter.
- iii) Anand Kumar (third year student in the academic year 2008-2009) obtained second rank in the All India G - Level examination conducted by C- DAC, Mumbai.

### Department of Earth Sciences

Faculty

A. G. Dessai, Ph. D., Prof. & Head, (Igneous Petrology, Economic Geology).

K. Mahender, Ph. D., Reader, (Sedimentology, GIS, Petroleum Geology).

A. G. Chachadi, Ph. D. Reader, (Groundwater, Environmental and Exploration Geophysics).

T. A. Vishwanath, Ph. D., Reader, (Geochemistry, Metamorphic & Igneous Petrology).

A. A. A. Viegas, Ph. D., Lecturer, (S. S.) (Igneous Petrology, Remote Sensing).

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Visiting Scholars

S. K. Biswas, GM (Rtd), IPE-ONGC, Mumbai, Tectonics of Western India, 8<sup>th</sup> Aug., 08.

Alison Anders, Dept. of Geology, Urbana, USA, Impact of Precipitation on Land form morphology, 17<sup>th</sup> Aug., 08.

Stefen Nesbit, Dept. of Atmospheric Science, Illinois University, USA, Measuring Rainfall from space, 18<sup>th</sup> Aug., 08.

## Department of Mathematics

Faculty

A. J. Jayanthan, Ph.D., Reader, (Topology, Knot Theory).

Y. S. Valaulikar, Ph.D. Reader, (Differential Equations).

A. N. Mohapatra, Ph.D., Reader, (Operator Theory).

M. Tamba, Ph. D., Lecturer, (S.S.), (Algebra).

M. Kunhanandan, M.Sc, Lecturer, (S.S.), (Analysis)

Highlights of major thrust areas of research and achievements

Investigation of delay differential equations and differential equation is currently undertaken.

## Department of Physics

Faculty

P. R. Sarode, Ph.D., Prof., (Solid state Physics: Structural properties of solids by X-ray Spectroscopy – XANES, EXAFS).

J. A. E. Desa, Ph. D., Prof. & Head, (Solid State Physics: Structures of Glasses and Disordered Materials, Neutron Diffraction).

U. Subramanian, Ph.D., Reader, (Solid State Physics: Optical and Electrical Properties of Materials).

R. B. Tangsali, Ph.D., Reader, (Solid State Physics: Transport and Magnetic Properties of Materials, Nanomaterials).

R. V. Pai, Ph.D., Lecturer, (S.S.) (Theoretical Solid State Physics: Cold Atoms).

K. R. S. Priolkar, Ph.D., Lecturer, (S.S.), (Solid State Physics: Shape Memory Alloys, EXAFS, and neutron Diffraction).

## Electronics Division

G. M. Naik, Ph. D., Prof. & Head, (Opto-Electronics).

R. S. Gad, M. Sc., Lecturer, (S.S.), (Biomedical Electronics).

## University Science Instrumentation Centre (USIC)

Faculty

G. M. Naik, Ph. D., Prof. & Head, (laser and Fiber Optics Systems, Sensors, Instrumentations).

Highlights of major thrust areas of research and achievements

The centre has undertaken digitization of Indian Navy Aircrafts and completed the same within the stipulated period. Indian Navy has acknowledged that this is first of its kind, where in aircrafts can be serviced with the help of digital repositories.

Ongoing Projects / completed during June 2007 - May 2008

G. M. Naik, Non Invasive Glucometer, Aug, 05, ICMR, Rs. 10 lakhs.

## 2.4 Faculty of Life Sciences & Environment

General Information regarding faculty: (Departments and Degrees).

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Department of Botany: (M.Sc., Ph.D.)  
 Department of Marine Science: (M.Sc., Ph.D.)  
 Department of Biotechnology: (M.Sc., Ph.D.)

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

#### FACULTY BOARD

Dean of Faculty,	Chairman (ex officio)	U. Barros,	Member (ex officio)
Bhat D. J.,	Member (ex officio)	U. D. Murleedharan,	Member
G. N. Nayak,	Member (ex officio)	V. U. Kerkar,	Member
A. B. Shanbag,	Member (ex officio)	S. Upadhyay,	Member
P. V. Desai,	Member (ex officio)	S. Garg,	Member
S. Bhosle,	Member (ex officio)	I. K. Pai,	Member
U. M. X. Sangodkar,	Member (ex officio)		

### Department of Botany

#### Faculty

P. K. Sharma, Ph. D., Professor & Head, (Plant Physiology and Biochemistry).  
 D. J. Bhat, Ph. D., Professor, (Mycology and Biodiversity).  
 M. K. Janarthanam, Ph. D., Professor, (Angiosperms Taxonomy ).  
 B. F. Rodrigues, Ph. D., Professor, (Cytogenetics and Plant Breeding)  
 V. U. Kerkar, Ph. D., Reader, ( Algae and Pteridophytes).  
 S. Krishnan, Ph. D., Lecturer, (S.S.) (Plant Developmental Biology and Plant Biotechnology).  
 N. M. Kamat, Ph. D., Lecturer, (Taxonomy and Biology of Actinomycetes, Yeasts and Basidiomycetes, Environmental Education and Science Popularization).

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

Biodiversity and bioprospecting of actinomycetes, yeasts and basidiomycetes, identification of endophytic yeasts in floral ovaries, two novel species of Termitomyces, detection of esterase activities in basidiomycetes cultures

#### Sponsored Research Projects sanctioned between June, 08 - May, 09

M. K. Janarthanam & S. Krishnan, "In-situ conservation of critically Endangered monotypic tree genus (*Psuedoglochidion*) and a shrub species (*Phyllanthus talbotii*) of Western Ghats using conventional and biotechnological tools", 13<sup>th</sup> Aug., 08 , 5 Years (Aug. 2008-July 2013), DBT, Rs. 48,45,000/-.  
 D. J. Bhat, "Culture extracats of Fungi from Corophylous, endophytes and plant litter for screening of sec. Metabolities", 22<sup>nd</sup> Sept., 08, CSIR, Rs.13,20,000/-.  
 B. F. Rodrigues, "Screening for efficient Arbuscular Mycorrhizal (AM) fungal bioinoculants in selected ornamental flowering plants of commercial importance", 6<sup>th</sup> Jan., 09, DST, New Delhi, Rs. 9,44,380.

#### Ongoing/completed Projects during June 08 - May 09

S. Krishnan, 'Histochemical, Biochemical and Tissue Culture Studies of *Garcinia indica* Choisy (Kokum)', 21<sup>st</sup> Sept., 07, 3 years (Sept.,07 - Aug.,10), CSIR, New Delhi, Rs. 17,20,000/-  
 D. J. Bhat, "Taxonomy of Fungi' under AICOPTAX', Apr.,02. upto Mar., 12, MOEF, Rs. 3,92,00/- per year.  
 V. U. Kerkar, C.U. Rivonkar, "An assessment of occurrence of harmful algal blooms along the Goa and Gujarat coast and its ecological implications", 13<sup>th</sup> Feb., 08, Ministry of Earth Science, Rs. 24.96 lakhs.

#### Special achievement by students/staff

N. Kamat was nominated as member of Goa State Wildlife Advisory Board (Forest department, Aug.,08), appointed on the panel of experts on the Madei interstate water dispute (Water Resources Department, Aug., 08), appointed member of Goa State Planning Board, Directorate of Planning, statistics &

Evaluation) Feb.,09; was nominated as Chairman of sub committee to study the BSUP schemes under JNNURM, Mar., 09; invited for multistakeholder meeting on biotechnology policy, Directorate of Industries, Trade & Commerce, June, 08.

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

N. Kamat published over 80 articles in English, 30 articles in Konkani and 35 articles in Marathi in local periodicals. As a part of International Year of Astronomy, N. Kamat contributed a series of articles on "Archaeoastronomical Heritage of Goa" in Goa Today monthly.

## Department of Marine Sciences

### Faculty

H. B. Menon, Ph. D., Prof. & Head, (Physical Oceanography, Remote Sensing, Marine Optics, Radiative Transfer Modelling).

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

S. Upadhyay, Ph. D., Reader, (Marine Chemistry, Aquatic Geochemistry).

V. M. Matta, Ph. D., Reader, (Marine Chemistry, Marine Pollution, Seaweed Chemistry).

C. U. Rivonkar, Ph. D., Reader, (Marine Ecology, Fisheries).

Aftab Can, Ph. D., Lecturer, (S. S.) (Physical Oceanography and Meteorology, Remote Sensing).

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

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 MODIS 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 pollutants (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, Tropic 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 & 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.

No of Ph. Ds awarded: 1.

Other Information

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Awards/Honours conferred

G. N. Nayak received the "Shrimati Saroma Sanyal Memorial Prize" for the paper published in the Journal of Institute of Engineers "Water abundance and effect of glacier melting at Priyadarshini Lake in Antarctica" as the best paper of the year 2007-2008.

## Department of Biotechnology

### Faculty

S. C. Ghadi, Ph. D., Reader & Head, (Applied Enzymology, Molecular Biology).

U. M. X. Sangodkar, Ph. D., Prof., (Genetic Engineering, Microbiology, Biodegradation).

U. Barros, Ph. D., Reader, (Bioactive substances of clinical/medical importance, Immunology).

U. D. Muraleedharan, Ph. D., Reader, (Biochemistry, Enzymology, Biological Oceanographic Processes).

S. Kerkar, Ph. D., Reader, (Marine Microbiology, Hypersaline ecosystems, Sulphate reducing bacteria).

### Temporary Faculty

K. N. Prasad, M.Sc., Lecturer, (Bioinformatics).

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

#### Thrust areas:

1. Study of agarases and other commercially important enzymes from marine bacteria. 2. Biotechnological degradation of oil spills and tar balls by means of selective marine microbial consortia developed for marine pollution control. 3. Establishment of methods to study the risk assessment of recombinant DNA in controlled marine conditions. 4. Biotechnologically important proteases and xylanases from coastal and deep sea bacterial and fungal isolates. 5. Extraction of toxins and lectins from marine organisms. 6. Alkaloids of medicinal value from plants. 7. Bar coding of sea weeds. 8. Ecology of sulphate reducing bacteria from hypersaline environment. 9. Bioactive compounds from salterns. 10. Lipases proteases and polysaccharases from Thraustochytrids. 11. Bioremediation of heavy metals using hypersaline bacteria.

#### Achievements:

Phylogenetic studies involving 16s rDNA sequence of a bacterial strain isolated from the gut of apple snail indicates that it is closely related to *Klebsellia* genus and is capable of degrading six different polysaccharides. Further, *Microbulbifer elongatus* strain CMC-5, a novel morphovar and biovar of *Microbulbifer elongatus* type strain DSM 6450<sup>T</sup> has been isolated from decomposing seaweeds. The oligosaccharides which were prepared from commercial agar using agarase from *M. elongatus* strain CMC-5 have been observed to have antioxidative properties. Similarly 16s rDNA sequence analysis of another multiple polysaccharide degrading *Microbulbifer* strain DD13 indicate that it is closely related to *Microbulbifer hydrolyticus*, is a potent degrader of alginate and shows promising potential in degradation of algal wastes.

Several new Thraustochytrid isolates with polysaccharide as well as protein degrading activities were obtained from different locations on the goan shores. Studies have been carried out on biodiesel production as well as on anti-microbial peptide activity from marine flora.

Approximately 50 different marine hypersaline isolates have been found to have the potential in the production of the bioactive metabolites against human diseases. Factors affecting SRA and carbon mineralization in mangrove ecosystems in north Goa have been studied and isolates have been obtained having potential in bioremediation of heavy metals. Marine *Bacillus* sp and Actinobacteria from salterns as a source of antifungal and antimicrobial compounds have also been studied. Studies on bacteria from marine biofilms producing growth promoting factors has been carried out.

### Visiting Scholars

A. K. Sharma, Head, Food Technology Institute Divn., BARC, Mumbai, Programmed cell death in bacteria, 30<sup>th</sup> Sept., 08.

Radha K. Maheswari, United States and United Health Services, USA, Interferon and cancer biology,

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1<sup>st</sup> Sept., 08.

Sanjay Jayachandran, Vice President, Transmembrane Biosciences Pasadena, California, USA, Expression of membrane proteins, 2<sup>nd</sup> Jan., 09.

Rekha Nair, Department of Biomedical Engineering, Georgia Institute of Technology & School of Medicine Emory University Atlanta, U. S. A., Molecules from differentiating embryonic stem cells, 27<sup>th</sup> Feb., 09.

B. S. Ahloowalia, University of Chicago, USA, Agricultural Biotechnology: Trends and needs, Mar., 09.

Neel Sarovar Bhavesh, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, Exploring unstructured protein, 17<sup>th</sup> Mar., 09.

Andrew Lynn, Associate Professor School of Information Technology Jawaharlal Nehru University, New Delhi, Metabolome mapping, drug target identification and virtual screening in Mycobacterium tuberculosis, 21<sup>st</sup> Apr., 09.

Sponsored Research Projects sanctioned between June 08 - May 09

Savita Kerkar, Bioprospecting of hyper saline bacteria for the production of anti-fungal compounds and enzyme inhibitors, 24<sup>th</sup> Sept., 08 & 6<sup>th</sup> May, 09 (Two years), CSIR, Rs.10,38,000/-.

Ongoing / completed Projects during June 08 - May 09

Savita Kerkar, Screening of marine microbes from salterns for bioactive compounds, 22<sup>nd</sup> May, 08, June, 08 - Sept., 08, CSIR, Rs.1,57,333/-.

No. of Ph. Ds awarded: 01.

Placement details

Placement of 2006-08 batch: Six students have joined for Ph.D in Universities/institutes, two are employed as project fellows in R& D projects and five are employed in institutes and industries.

Other Information

Special achievement by students/staff

Ten M.Sc II students have qualified the CSIR/UGC NET exam for research fellowships and lectureships conducted in Dec., 08.

1) Salma Buddaseth, M.Sc II student qualified the GATE 2009 exam (99.69 percentile) and secured an All-India rank of 41.

2) Kuldeep doing Ph.D. under the guidance of S. Kerkar was selected for a JRF fellowship under Ministry of Earth Sciences Manpower Development Programme.

## Department of Microbiology

Faculty

S. Bhosle, Ph.D., Prof. & Head, (General and Environmental Microbiology, Marine Microbiology, Extremophiles).

S. K. Dubey, Ph.D., Reader, (Molecular Biology, Genetic Engineering and Environmental Biotechnology, General and Applied Microbiology).

I. Furtado, Ph.D., Reader, (Basic and Applied Microbiology, Microbial Systematics, Extremophilic microorganisms (Archae), Microbial degradation, Biofertilisers, Ecology and sustainability).

S. Nazareth, Ph.D., Reader, (Biochemistry, Antimicrobic Microbial degradations and metal remediation, Halophilic fungi).

S. Garg, Ph.D., Lecturer, (S.S.), (Industrial and Medical Microbiology, Fermentation Technology, Industrial enzymes, Biopolymers, Biofertilisers, Immunology, Biostatistics and Biomathematics).

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Highlights of major thrust areas of research and achievements

Thrust area:

1. Microbial diversity on bioprospecting of coastal, marine and extreme ecosystems. 2. Archaea and other extremophilic Microorganisms. 3. Microbial-remediation of metals, organometals, organic aliphatic and aromatic pollutants; Biosorption of heavy metals. 4. Bioprospecting for the enzymes, bioplastic, exopolysaccharide, bioactive compounds, pigments, biosorps. 5. Molecular Microbiology, Fish Pathology 6. Process development for enzyme, pigment and bioplastic. 7. Microbial inoculants for applications in crop cultivation and forest restoration.

Achievements:

Eight thesis were submitted during current year covering these thrust areas.

1. *Alcaligenes* sp. tolerating upto 2 mM TBTCI was isolated from marine sediment of Goa Shipyard Ltd., Goa. Although this isolate had a small plasmid, TBTCI resistance encoding genes were located on chromosomal genome. 2. Several bacterial fish pathogens have been isolated from economically important activity, lipase activity. 3. Bacterial strains have been isolated from terrestrial and aquatic niches of Goa which tolerate very high levels of lead (even upto 1.6 mM Pb(NO<sub>3</sub>)<sub>2</sub>). These isolates include *Pseudomonas* sp., *Enterobacter* sp., *Providentia* sp., and *Salmonella* sp. Some of these Pb resistant isolates possess plasmids which may confer Pb resistance. 4. Halophilic fungi from estuarine waters and heavy metal resistant fungi have been Isolated and identified. 5. Inoculum containing ectomycorrhizal fungus and root nodulating bacteria for forest trees was developed. 6. Sand dune ecosystem showed the presence of a large number of facultative alkaliphiles and halophiles which produced siderophores, exopolysaccharides and enzymes. Bacterial cultures accumulating PHA have also been isolated from this ecosystem. 7. Ecology of Salt Pans of Goa-India vis-a vis its Impact on Community Structure of Halophilic Archea was established. 8. Oligotrophic and bloom associated bacteria from Open-Oceans were studied.

Sponsored Research Projects sanctioned between June, 08 - May, 09

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., 08, 2 years, DBT, Govt. of India, Rs. 17.09 lakhs.

Ongoing / completed Projects during June, 08 - May, 09

Garg, S., Production of inoculum formulation containing *Pisolithus* sp. For inoculation of plant seedlings transplanted on mine's rejects, 2004 – 2009, Sesa Goa Pvt. Ltd., Goa, Rs. 7.8 lakhs.

Infrastructure

State of art Laboratory tables, water purification system, inverter(UPS) were set up.

No of Ph.Ds awarded: 6.

Award/Honours conferred

Lina Gad received Gold Medal for securing first rank in Microbiology.

Special achievements by students/staff

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

## Department of Zoology

Faculty

P. V. Desai, Ph.D., Prof. & Head, (Physiology, Neurophysiology Tissue Culture).

A. B. Shanbhag, Ph.D., Professor, (Endocrinology, Wetland biology).

S. K. Shyama, Ph.D., Reader, (Genetic toxicology, Environmental Mutagenicity and Human Genetics).

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R. Roy, Ph.D., Reader, (Environmental Physiology & Biochemistry, Lipid Biochemistry).  
I. K. Pai, Ph.D., Reader, (Genetics, Sericulture).  
S. N. Desai, Ph.D., Lecturer, (Physiology, Animal Cell Culture).

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

The faculty and research scholars are engaged in research activities in the field of animal tissue culture pertaining to stem cells, nerve cell lines of mollusca and other invertebrates; electro physiology of nervous and cardiac tissues; adaptational 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/ bioactive compounds; 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.

#### Visiting scholars invited to deliver guest lectures

Shashi Kumar, Chief Conservator of Forests, Vasco, "Climate Change", 13<sup>th</sup> Sept., 09.  
J. R. Faleiro, Principal Scientist, Entomology, ICAR, Old Goa, "Integrated Pest Management and its relevance in modern agriculture", 13<sup>th</sup> Sept., 09.  
S. B. Barbuddhe, ICAR Old Goa, "Zoonotic Diseases", 10<sup>th</sup> Jan., 09.  
E. B. Chakurkar, ICAR Old Goa, "Biotechnology & Animal Reproduction", 10<sup>th</sup> Jan., 09.

#### Sponsored Research Projects sanctioned between June, 08 - May, 09

R. Roy, Membrane Lipid Bilayerland osmoregulation : a study with gill epithelil cells of mud & Crab, Scylla serrata", 3 years, UGC, Rs. 7.36 Lakhs.  
Shanti Desai, "Culture and Characterization of mantle cells of Phaphia Malabarica", 25<sup>th</sup> Feb., 09, 3 years, SERC, New Delhi, Rs. 18.5 Lakhs.

#### Ongoing / completed Projects during June, 08 - May, 09

P. V. Desai, Mass culture of Hepatopancreatic cells & other cells of Scylla serrata and isolation of bioactive compounds, 13<sup>th</sup> July, 07, 3 years, DBT, Rs. 28.60 lakhs.  
R. Roy, "Membrane Lipid Bilayerland osmoregulation : a study with gill epithelil cells of mud & Crab, Scylla serrata", 3 years, UGC, Rs. 7.36 Lakhs.  
Shanti Desai, "Culture and Characterization of mantle cells of Phaphia Malabarica", 25<sup>th</sup> Feb., 09, 3 years, SERC New Delhi, Rs. 18.5 Lakhs.

#### Placement details

PGDCG & MLT students were placed in various Government hospitals as well as private Clinical Laboratories

## 2.5 Faculty of Management Studies

General Information regarding faculty: (Departments and Degree).

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

#### FACULTY BOARD

Dean of Faculty,	Chairman (ex officio)	N. Mekoth,	Member
A. Sreekumar,	(ex officio)	Dayanand M. S.,	Member

## Department of Management Studies

### Faculty

- A. Sreekumar, M.B.A., Fellow of IIM, Professor & Head, (Strategy, Quantitative Methods).  
N. Mekoth, Ph. D., Professor, (Marketing, Finance).  
Purva Hegde Desai, Ph.D., Reader, (Finance and Marketing).  
M. S. Dayanand, Ph. D., Lecturer, (Tourism, Marketing & Strategy).  
Nirmala R., Ph. D., Lecturer, (Marketing & HR).  
Nilesh Borde, M. Com., Lecturer, (Finance).  
T. Colvalcar, Ph.D., Lecturer, (MIS & System Analysis and Design).

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

Tejashree Colvalcar was awarded doctorate in the subject of Management Studies. 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.

### Visiting Scholars

- D. R. Kamat (HR. TCS), Eurico Norhona (Wallace Pharmaceuticals Guilman Fernandes (National Institute of Personnel Management), TCS, Wallace Pharmaceuticals, NIPM, Impact of global economic meltdown on the job market, 24<sup>th</sup> Jan., 09.  
Rajesh H. Pai Fondekar, HSBC, Banking Sector, 4<sup>th</sup> Feb.,09.  
Govind Gawas, Branch Manager, CanBank , Mutual Fund, 12<sup>th</sup> July, 08.  
Abhishek Karmali, Network stock exchange, Stock Market, 13<sup>th</sup> Dec., 08.  
Jay Daheja, Cambridge Group International, Entrepreneurs Dream, 20<sup>th</sup> Mar., 09.  
Rajiv Narvekar, Infosys, Challenges facing IT industry, 8<sup>th</sup> Feb.,09.  
Narayan Krishna Prabhu , DC School of Management and Technology, HR Issues, 20<sup>th</sup> Mar., 09.  
Amarendra Sahoo, RBI, Indian Banks and International reactions, 26<sup>th</sup> Nov., 08.  
Jerry Mathew, Hello group, about Hello Group, 13<sup>th</sup> Mar., 09.  
Devyani Bhattacharya, ex-placement coordinator, Placement scenario and expectations from a good manager, 9<sup>th</sup> Apr., 09.

### Sponsored Research Projects sanctioned between June, 08 & May, 09

- Purva Hegde Desai, Complaint Redressal in Tourism Sector in Goa, 1<sup>st</sup> Oct., 08, 2 years, University Grants Commission, New Delhi, Rs.50,000/-.

### Fellowship/visiting professorship etc.

- A. Sreekumar, 1. attended the Governing Board of the DCSMAT Media School at Trivandrum as its Chairman. 2. Conducted sessions on 'Case Method' for the faculty and students of DCSMAT Media School, Trivandrum. 3. Conducted sessions on 'Case Method' for the faculty and students and on 'Session Planning' for teachers of Gyan Ganga Institute of Management, Bhopal. 4. Conducted sessions on 'Case Method' for the faculty and students and on 'Session Planning' for teachers of Institute of Management of Gyan Ganga Group of Institutions at Jabalpur. 5. Conducted sessions on 'Case Method' for the faculty and students of DC School of Management and Technology at Vagamon, Kerala. 6. Conducted sessions on 'Case Writing' in the Faculty Development Program, at IIM Kozhikode. 7. Conducted sessions on 'PhD Research Proposal Writing' for research scholars at Vellore Institute of Technology. 7. Conducted sessions on 'Case Method' for the faculty and students of DCSMAT Media school at Trivandrum. 8. Was resource person at the Seminar on 'Problems and Prospects of Event Management Sector in Goa' organized by the S.S. Dempo College of Commerce and Economics,
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- Goa in Jan.,09. 9. Was the resource person at the Seminar on 'Higher Education and Economic Development in India' organized by the Fr. Agnel College of Arts and Commerce, Goa in Dec., 08.
- A. Sreekumar and M.S. Dayanand were resource persons for the Training Program on 'Customer Management' organized by the Institute of Ship Building Technology, Goa on 13 Jan.,09.
- R. Nirmala, conducted sessions on "Leadership" and "Team Building" in the 'Induction Programme Officers under NREGA' organized by Goa Institute for Rural Development & Administration 14<sup>th</sup> 15<sup>th</sup> July, 08
- Nandakumar Mekoth, 1. Conducted a session on Finance for Entrepreneurs on 14<sup>th</sup> Oct., 08 at the Entrepreneurship Development Program Organized by Biotech Consortium of India held at International Centre Goa. 2. Conducted half-day workshop on Grading, Documentation and Pedagogy for the PGDM teachers of Institute for Management Training and Research, Margoa on 9<sup>th</sup> Nov., 08 at the IMTR campus, Margao.
- Nandakumar Mekoth, 1. engaged a session of 3 hours on Marketing Research for participants of Commerce refresher course on 27<sup>th</sup> Dec., 08 at Academic Staff College, University of Kerala. 2. engaged a session on Measurement and Scaling in UGC sponsored national workshop on Research Techniques held at Chh. Sahu Institute of Business Education and Research, Kolhapur on 3<sup>rd</sup> Mar., 09.

No. of popular articles

1. M. S. Dayanand – 1
2. Nilesh Borde – 1

## 2.5 Faculty of Commerce

General Information regarding Faculty: (Departments and Degree)  
Department of Commerce: (M. Com., M.F.S., Ph.D.)

### FACULTY BOARD

Dean of Faculty,	Chairman (ex officio)	Raju A.,	Member
B. Ramesh,	Member	K. B. Subhash,	Member
Y. V. Reddy,	Member		

### Department of Commerce

#### Faculty

- B. Ramesh, Ph.D., Professor & Head, (Accounting and Finance, Capital Market Studies)  
Y. V. Reddy, Ph.D., Reader, (Accounting & Finance, Capital Market Studies)  
A. Raju, Ph.D., Reader, (Finance, Capital Market Studies, Mergers & Acquisitions, Financial Services)  
K. B. Subhash, Ph.D., Lecturer, (S.S.) (Finance, Quantitative Techniques, Materials Management, Strategic Management)

#### Temporary Faculty

- P. Dhume, M.Com., Lecturer, Accounting & Finance, Financial Services.  
A. Piementa, M.C.A., Lecturer, Computer Science & Management.
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## 2.7 INNOVATIVE PROGRAMMES

### (i) Research & Development and Research Mobilisation Cell (RDRM)

The Research in the University is funded through two sources. The University received 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. 6,57,63,000/-.

### (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 of server and four nodes and software necessary for image processing. Image processing package such as ERDAS IMAGINE has been procured. An interdisciplinary course has been introduced across the different faculties where remote sensing technique has application. This Laboratory provides hands-on training to students who opt for interdisciplinary course on remote sensing and research and thus cater to the country's need for trained manpower in this field. At present there are ongoing projects worth Rs. 2 crore funded by different agencies like Naval Research Board, Space Applications Centre, ISRO, Space Physics Laboratory of VSSC, ISRO and Indian National Centre for Ocean Information Service of Ministry of Earth Science, 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 atleast thrice a year to discuss guide and direct the activities of the cell.

1. Management Board Meeting: One MB meeting was held on April 29, 2009.

2. Workshops:

The progress and achievements of the projects funded by MoES was reviewed by the Expert Committee

on April 28, 2009. P.I.s of the following ongoing projects presented their progress of their work.

- a. "Molecular Biology of marine cyanobacteria with reference to biodiversity taxonomy and establishment of molecular data bank" (2006-2009) Dr. N. Thanjuddin
- b. Exploration of Sponge associated uncultivable marine bacterial endosymbionts" (2008-2011) Joseph Selvin.

### 3. Steering Committee:

The National Steering Committee met on Ocean and Atmospheric Science and Technology Cells (OASTCs) / Centres of Excellence (CoE) met at the CAS in Marine Biology, Annamalai University, Parangipettai on 17th -18th Feb., 09 and reviewed the status of all OASTCs.

### 4. Release of Newsletter:

Two issues of the newsletters were released vol. 1 no. 1, May, 08 and vol. 2 no. 1, Feb., 09.

### 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 was held on 15<sup>th</sup> -16<sup>th</sup> Oct., 08. The members V. Ravindranathan, V. Sampath, T. J. Pandian, T. Balasubramanian and Saroj Bhosle discussed

- (a) Introduction of a national level 5-year multidisciplinary Integrated Post-Graduate degree course on Ocean Science & Technology jointly by both OASTCs.
- (b) Setting up of culture collection centre at Goa University, CoE Marine Microbiology, Centre of Excellence and Annamalai University, CoE Marine Biology

### Centre of Excellence in Marine Microbiology

Centre of Excellence (CoE) in Marine Microbiology supported by the Ministry of Earth Sciences, has set up a Central Instrumentation Facility in Block-B, BF-03 and BF-05 and the JRFs allotted under CoE are working on the in house projects in the Departments of Faculty of Life Science and Environment, Goa University.

#### (a) Review of In house projects:

Vice Chairman OASTC/CoE Prof. V. Ravindranathan met the P.I.s during his visit to Goa University in Sep., 08. JRFs made the brief presentation and explained their future plan of work.

#### (b) Monitoring Committee meeting:

Monitoring Committee met at Goa University on 20<sup>th</sup> Mar., 09 at 3.30 p.m. and evaluated the reports of the six JRFs working under Centre of Excellence and recommended extension of research fellows for one more year.

The progress and achievement of the In-house projects funded by MoES was reviewed by the Experts Committee on 28<sup>th</sup> Apr., 09. P. I.s of the following In-house projects presented the progress of their work.

- "Impact of mining on different components of estuarine ecosystem and role of biota in removal of metals from water" - G. N. Nayak
  - "Bioremediation of waters contaminated with hydrocarbons, persistent organic pollutants and metals" - Savita Kerkar
  - "Biosorption of metals for bioremediation of waters used in salt farming" - Sarita Nazareth
  - "Study of biosorption of Fe/Mn by marine microbes and possibility of reducing nano particles" - Irene Furtado
  - "Production polyhydroxyalkanoates using marine bacteria" - Sandeep Garg
  - "Siderophore producing bacteria from marine and coastal ecosystems" - Saroj Bhosle
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(c) Papers Presented at Conference/Seminars:

i) "Distribution of sediment components in Mangrove and Mudflat Environments in Mandovi Estuary, Goa" was presented by CoE JRF Ms. Ratnaprabha Siraswar, Department of Marine Science at the XXV National seminar of Indian Association of Sedimentologists held at Vadodara from 26<sup>th</sup> – 28<sup>th</sup> Dec., 08.

ii) "Bioremediation of heavy metals using Sulfate Reducing Bacteria" was presented by CoE JRFKuldeep Attri, Department of Biotechnology at National seminar for sustainable waste management-solution and problems held at Mangalore from 29<sup>th</sup> - 31<sup>st</sup> Jan., 09.

iii) National Symposium of "New vistas for mycology in meeting Global challenges" and 35<sup>th</sup> Annual meeting of the Mycological Society of India held at Madras University, Chennai on 29 - 30<sup>th</sup>, Jan., 09.

Southern Ocean Expedition:

Ratnaprabha Siraswar, Marine Sciences, JRF CoE participated in 3<sup>rd</sup> Scientific Expedition to Southern Ocean from February 13<sup>th</sup> - 14<sup>th</sup> Apr., 09.

#### **(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. Some of the major programmes are Foundation Day function, Science Open Day, Convocation etc. Many private association/ organization had used the DEITI services for commercial productions. The satellite downlink facility of DEITI was used to record National Tele-Conferences for Pediatric society of Goa. As a regular event, DEITI conducted the e-content development workshop for the participants of the University Academic Staff College. It had also carried out training programme on Camera handling & video editing for the students of Mass Communication of an affiliated college. The state of art studio facilities was also rented out to private parties for audio-video recording of musical programmes.

#### **(v) Study India Programme**

The Study India Programme is offered to a group of foreign students wanting to pursue study in India to earn credits. The universities/institutions desirous of sending a batch consisting not less than five students are required to contact the SIP Coordination Committee to prepare and sign a Memorandum of Understanding containing the course outline, time schedule, credit transfer and the fee structure. The MoU is a prerequisite for launching the SIP.

#### **(vi) National Service Scheme**

Once Mahatma Gandhi said, " Our Country can not progress in desired direction until students are motivated to work for the upliftment of villages and communities". To fulfill his desire National Service Scheme(NSS) was launched in India after the Independence. National Service Scheme(NSS) functions under the Ministry of Human Resource Development, Government of India and Directorate of youth Affairs, Government of Goa.

The foremost aim of NSS is to motivate the NSS Volunteers to undertake community development works while completing their studies. Similarly the slogan of NSS is "NOT ME BUT YOU". Under Goa University there are 27 NSS Units with 8000 volunteers. Following are some of the important thrust areas under which various project and activities are undertaken by NSS Units:

1. Annual special camp,
  2. Child Marriage,
  3. Gender Issue,
  4. Fitness,
  5. HIV/AIDS,
  6. Water Literacy,
  7. National Integration and Social Harmony,
  8. Employment and Livelihood,
  9. Disaster Management,
  10. Environment enrichment.
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## **PART 3: ACHIEVEMENTS OF UNIVERSITY FACULTY**

### **A: Seminars/Conferences/Workshops Organised**

(Theme of Seminar/Conference/Workshop Dates, Funding Agency)

#### Faculty of Languages & Literature

- Bhat K. S. , National Level workshop, Theory /Praxis Course, 16<sup>th</sup> June – 12<sup>th</sup> July, 08, Forum on Contemporary Theory, Baroda.
- Caldeira Nina , a) organized and Coordinated a National Seminar on the theme ‘ Empowerment of Women through Participatory Democracy and State Welfare : India and Canada under the auspices of Centre for Canadian Studies, in collaboration with the Dept. of English, M. E. S.College and Goa State Commission for Women, 30<sup>th</sup> - 31<sup>st</sup> Mar., 09, Held at Goa University, Shastri Indo-Canadian Institute and Goa State Commission for Women. b) Advisor to the International Conference on “Environment and Global Chnge”, Sept., 09 held at Chennai University, Canadian High Commission.
- Dept of Konkani organised a Symposium and discussion at Shri Ravindra Kelekarsw residence, 24<sup>th</sup> Mar., 09, Goa University.
- Dept of Konkani organised “Samarpan” Symposium on Shri Nanda Borkar’s Novel, Goa University.
- Dept. of Hindi organised a)Seminar on “Media aur Loktantra”, 13<sup>th</sup> -14<sup>th</sup> Feb., 09, GU & Dr. Arvind Pandey Manch. b) Organised college teacher workshop, 23<sup>rd</sup> Dec., 08, GU.
- Dept of French organised 1)workshop on “Multimedia and French Language Teaching” 5<sup>th</sup> Mar., 09, GU  
2) Organised Seminar on Women’s writing for “Journee de la Francophonie”, 23<sup>rd</sup> Mar., 09, GU.

#### Faculty of Social Sciences

- Dept. of Economics organised Macroeconomic Themes for India, Feb., 09, Goa University.
- Dept. of Economics organised Inclusive Growth and the Marginalized, Mar., 09, Goa University.
- Dept. of Sociology organised Including the Tribal Communities in the Developmental Processes: Contemporary Concerns of an Old Debate, 15<sup>th</sup> - 16<sup>th</sup> Jan.,09, UGC Centre for the Study of Social Exclusion and Inclusive Policy, Goa University.
- Dept. of History organised Symposium on “Debating Post-Colonial Goa”, 17<sup>th</sup> Mar., 09, Goa University.
- Dept. of Political Science organised Human Rights and Governance : Issues for Policy and Action, 24<sup>th</sup> - 25<sup>th</sup> Oct., 08, National Human Rights Commission, New Delhi.
- Dept. of Political Science organised Elections, Cabinet Formation and Party Politics in Western India, 27<sup>th</sup> Feb., 09, Indian Council for Social Science Research New Delhi.
- Centre for Latin American Studies organised “Teaching and Understanding of International Relations”, 22<sup>nd</sup> Nov., 08, UGC Area Studies Grant for X<sup>th</sup> Plan.
- Centre for Latin American Studies organised Diplomacy in the Era of Globalisation, 5<sup>th</sup> Mar., 09, UGC Area Studies Grant for X<sup>th</sup> Plan.
- Centre for Women’s Studies organised Seminar on Protection of Women from Domestic Violence Act 2005- workshop for Judicial Officers, Goa, 13<sup>th</sup> Sept., 08, Goa State Commission for Women and the Goa State Legal Services Authority.
- Centre for Women’s Studies organised Commemorating Women’s Day, 9<sup>th</sup> Mar., 09, Goa University.

#### Faculty of Natural Sciences

- Dept. of Chemistry organised DST PAC Group Monitoring Workshop, 16<sup>th</sup> -17<sup>th</sup> Feb., 08, DST.
- Dept. of Chemistry organised The 3<sup>rd</sup> Annual Intercollegiate T. Y. B. Sc. Chemistry Symposium on the theme “Fascinating World of Chemical Sciences”, 6<sup>th</sup> Feb., 09, in association with Chemistry Department faculty and alumni association.
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Dept. of Chemistry organised a Symposium on Advances in chemical synthesis, 18<sup>th</sup> Mar., 09, UGC SAP assisted.

Dept. of Computer Science organised ILCI Project workshop, 25 - 26<sup>th</sup> Mar., 09, DIT.

Dept. of Computer Science, Real-time System Analysis & Design using Select Yourdon, Select SSADM Tools Workshop, Select Architect Tools Workshop, 19<sup>th</sup> – 23<sup>rd</sup> Jan., 09, Select Business Solutions, ADT Suite 801, Eagle Tower, Montpellier Drive, Cheltenham GL50 1TA, UK.

University Science Instrumentation Centre organised Goa Non conventional energy harvesting technology demo at USIC, 31<sup>st</sup> Mar., 09, GEDA, Goa.

University Science Instrumentation Centre organised Digital Repositories using D-space server, 3<sup>rd</sup> -5<sup>th</sup> July, 08, Indian Navy.

Department of Earth Science organised a 'Recent Trends in Earth Science', 19<sup>th</sup> Mar., 09, DRS-II(UGC-SAP)

#### Faculty of Life Sciences & Environment

Dept of Botany organised i) "Orientation Programme for foreign students studying in Goa University and affiliated colleges", 12<sup>th</sup> Dec., 08, Goa University and ICCR. ii) "Techniques in Arbuscular Mycorrhizal (AM) fungal Research", 25<sup>th</sup> - 27<sup>th</sup> Feb., 09, Under UGC-SAP Programme.

Dept. of Microbiology organised Refresher course in Advances of Life Sciences, 26<sup>th</sup> Nov. - 18<sup>th</sup> Dec., 08, UGC.

Dept. of Zoology organised A "Hands-On Laboratory Training in Biotechnology for UG Zoology Teachers", 10<sup>th</sup> - 13<sup>th</sup> Dec., 08, Goa University.

#### Faculty of Management

One day Faculty Development Program on usage of SPSS (Coordinated by Nandakumar Mekoth), 7<sup>th</sup> Feb., 09, Financed by delegate fee.

Half day Seminar on Higher Education (Coordinated by Nandakumar Mekoth), 22<sup>nd</sup> May, 09, Financed by delegate fee.

### **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

Bhat K. S. , National Seminar on Reaching Out to Happiness: Ananda Mimamsa, organized by Centre for Interdisciplinary Studies & Research in Sanskrit, Mangalore, 17<sup>th</sup> – 19<sup>th</sup> Nov., 08, Happiness: Western Perspectives.

Bhat K. S., National Seminar on Developed Nation : Holistic View, Sri Durga Centre for Post graduate Studies and Research in Sanskrit, Mangalore University on 6<sup>th</sup> - 8<sup>th</sup> Mar., 09, Industrialisation and Western Poetic Tradition : An Overview.

Budkuley K., "Creative Writing", S. P. Chowgule College, Margao Goa, 27<sup>th</sup> July, 08, Insights into Creative Writing: Theory and Praxis.

Budkuley K., 'Accountability of the Media v/s Responsibility of the Reader-Spectator', Institute Menezes Braangza, Panaji, 1<sup>st</sup> Aug., 08, Towards a More Responsible and Committed Media: Our Role.

Budkuley K., "Bharatiya Sahitya ka Adhunik Kaal", Prayaas, Panaji, 30<sup>th</sup> Sept., 08, Chaired the Session on 'Marathi and Konkani Sahitya . Spoke on "Samkaleen Konkani Upanyaas" .

Budkuley K., "Short Story Writing", Goa Konkani Akademi, Perpetual Succour Convent H. S. Margao, 1<sup>st</sup> Feb., 09, Approaches to Story Writing.

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- Budkuley K., "Xth Yuva Konkani Sahitya Sammelan", Zantye College & Goa Konkani Academi, Bicholim, 14<sup>th</sup> - 15<sup>th</sup> Feb., 09, Keynote Address: 'Konkani Sahitya Valvistaar ani Vaatvistaar'.
- Budkuley K., "Bailanchem Konkani Sahityaak Yogdaan", Konkani Bhasha Mandal, Margao, 8<sup>th</sup> Mar., 09, Konkani Kathentlem Bailanchem Yogdaan.
- Budkuley K., "Hindi Pracharak Shikshak Shibir", Gomantak Rashtabhasa Visyapeeth, Shiroda, 8<sup>th</sup> Mar., 09, Vaishvikaran ka Hindi par Prabhav.
- Budkuley K., "Encyclopaedia of Hinduism", Parmarth Niketan, Rishikesh Uttarakhand, 30<sup>th</sup> Oct.- 5<sup>th</sup> Nov., 09, Hinduism related issues.
- D'Souza Chandralekha, Konkani Sahitya Sanskritai ani Samaj, M.E.S. College, Zuari Nagar, Vasco, 21<sup>st</sup> Sept., 08, Konkani Sanskriti ani Samaj.
- Sardesai Madhavi, Deccan College Post graduate and research Institute, Pune, 26<sup>th</sup> Nov., 08, Konkani Kinship Terminology: Origins and influences.
- Parienkar Prakash, a) Ecological Traditions of Goa, CPR Environmental Education Centre, Chennai & Biodiversity Research Cell, Dept. of Zoology, Carmel College of Arts, Science & Commerce Nuvem, Ethnic Fishing Craft of Sattari taluka Visa-vis overexploitation global Fish Stock, b) Ravindra Sahitya Niyal, 19<sup>th</sup> AIE India Konkani Sahitya Sammelan, Bhandarkars College, Kundapur Karnataka, 8<sup>th</sup> Feb., 09, Ravindra Kelekar hanchem Sahitya: Bhas Ani Sahityak Mellilli Dika.
- Mishra Ravindranath S., Swatantrayotter Hindi Sahitya: Rastra Bodh evam Mulya Bodh, Bharateeya Hindi Parishad Allahabad and Rambhadracharya Viklang Vishwavidyalaya, Chitrakoot, Chitrakoot U.P., 6<sup>th</sup>-7<sup>th</sup> Sept., 08, Hindi Natak: Rashtrabodh evam Mulyabodh.
- Mishra Ravindranath S., "Media aur Loktantra", Dept. of Hindi & Arvind Pandey Manch, GU, 13<sup>th</sup> - 14<sup>th</sup> Feb., 09, "Media aur Hindi Samachar".
- Khan Ishrat Bi., Bhartiya Sahitya: Aadhunik kal, Prayas Sanstha, T. B. Cunha Hall, Panaji, 30<sup>th</sup> Sept., 08. Urdu Ki Pragatisheel Kahani.
- Khan Ishrat Bi., Hindi ke Kaljaye Upanyas, Chowgule College, Margao, 25<sup>th</sup> Nov., 08, Sukha Bargad: Hindu Muslim soanch ka Jeevant Dastavez.
- Khan Ishrat Bi., "Media aur Loktantra", Dept. of Hindi, GU, 13<sup>th</sup> - 14<sup>th</sup> Feb., 09, Computer & Hindi.
- Khan Ishrat Bi., Hindi Sahitya Mein Ekta, Gomantak Rastra Bhasha Vidyapeeth, Margao, 5<sup>th</sup> Apr., 09, Bharat : Vividhta mein Ekta.
- Mandrekar Vrushali S., Media aur Loktantra, Dept. of Hindi & Arvind Pandey Manch, GU, 13<sup>th</sup> - 14<sup>th</sup> Feb., 09, Doordarshan aur Dharavahik.
- Wagle Anuradha, i) Faire vivre les identités francophones, International Federation of Teachers of French (FIPF), Quebec (Canada), 21<sup>st</sup> - 25<sup>th</sup> July, 08, "Découvertes" de la méthode ICI : une démarche actionnelle et interculturelle. ii) Workshop on Professionalisation of Associations, International Federation of Teachers of French (FIPF), Paris (France), 21<sup>st</sup> Nov - 2<sup>nd</sup> Dec. 08, "Presentation of International Projects". iii) Workshop on Translation, University of Mumbai, Mumbai, 16<sup>th</sup> Feb., 09, "Atelier de traduction". iv) Foreign Language Teaching, Dept. of French, M. S. University, Baroda, 7<sup>th</sup> May, 09, "French in the Workplace - foreign language teaching in India".
- Furtado Edith Melo, i) Women's literature of Quebec, Mumbai University, Mumbai University, 6<sup>th</sup> Mar., 09, "Selected Novels of Anne Hebert : recovery of memory". ii) Refresher session for teachers of French, Goa Board of Secondary & HS Education, Goa Board, Porvorim, 10<sup>th</sup> July, 08, Workshop on teaching methodology of new prescribed text book in French for high schools.

#### Faculty of Social Sciences

- Mukhopadhyay Pranab, i) Proposal Writing Workshop, South Asian Network for Development and Environmental Economics, Kathmandu, Nepal, Aug., 08, Research Funding What works and what does not. ii) 17<sup>th</sup> Research & Training Workshop, South Asian Network for Development and
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Environmental Economics, Kathmandu, Nepal, Dec., 08, Web based Educational Communication in Environmental Economics.

Aiholi M. D. , i) Current Macroeconomics challenges in the Indian Economy, Dept. of Economics, Goa University, Goa, 27<sup>th</sup> Feb., 09, Global Financial Crisis and its impact on Indian Financial Market. ii) India Sixty Years in a National Life, Besant College, Mangalore, 3<sup>rd</sup> - 4<sup>th</sup> Apr., 09, Future of Indian Financial Market. iii) Globalisation of Higher Education in India, TSS College Banahatti, Banahatti (Karnataka), May 09, Impact of Globalisation on India's Higher Education.

Bhat N. Shyam , 69<sup>th</sup> Session of Indian History Congress, Kannur University, Kannur, 28<sup>th</sup> - 30<sup>th</sup> Dec., 08, Goan Economy in the Colonial Context (Late 19<sup>th</sup> Century to Liberation).

Nair R. Venugopalan , Garcia De Orta and Alexander Von Humboldt across the East and the West, International Centre, Goa, 26<sup>th</sup> - 27<sup>th</sup> Nov., 08, Who says Elephants can't dance? Orta, Browne, Elephants and the use of sources.

Parobo Parag D. , New Approach to Maratha History, Abasaheb Garware College, Pune, 29<sup>th</sup> - 30<sup>th</sup> Jan., 09, Marathisation and Social Change: Goan Castes and Construction of Identity.

Parobo Parag D. , International Conference on Aspects of Neutrinos, International Centre for Theoretical Sciences and Tata Institute of Fundamental Research, International Centre, Goa, 14<sup>th</sup> Apr., 09, Goa and Portugal: Cultural Interactions and Construction of Identity.

U. A. Vinaya Kumar, Vedic heritage for Global welfare of the Next Generation, World Association for Vedic Studies, Georgia, USA, University of Central Florida, USA, 27-29 June, 08, Indian Social Contract and its Dissolution.

Tharakan Koshy and Siqueira Alito , International and Transdisciplinary - Conference on Garcia de Orta and Alexander Von Humboldt: Across the East and the West., Catholic University, Lisbon, International Centre, Goa, 26<sup>th</sup> and 27<sup>th</sup> Nov., 08, "Science of Nature: Garcia de Orta as a Philosopher of Science."

Tripathi Rahul , Gulf and the Emerging Asia : Redefining the Regional Architecture, West Asian Studies Division, School of International Studies, Jawaharlal Nehru University, New Delhi, 24<sup>th</sup> -26<sup>th</sup> Mar., 09, (Coauthored)India and the Gulf : A Convergent paradigm for India's Foreign Policy.

Tripathi Rahul, Regional Security in South Asia, Department of Geopolitics, Manipal University and Indian Council for World Affairs, Manipal, 9<sup>th</sup> -10<sup>th</sup> Apr., 09, Political Economy of Contemporary Pakistan and its implications for South Asian Security.

Tripathi Rahul, Indo-Thai Historical and Cultural Linkages, Indian Council for Cultural Relations and Thammasat University, Bangkok, 7<sup>th</sup> - 8<sup>th</sup> July, 08, Between Look East and Look West : A Convergent Paradigm for Indo-Thai Relations.

Desai Prakash , Gulf and the Emerging Asia: Defining Regional Architecture, West Asian Studies Division, School of International Studies, Jawaharlal Nehru University, New Delhi, 24<sup>th</sup> - 26<sup>th</sup> Mar., 09, India and the Gulf : A Convergent Paradigm for India's Foreign Policy.

Somayaji Ganesh, Special Economic Zones: Engines of Growth and Social Development for India – Present Problems and Future Prospects, Dept. of Sociology, Osmania University, Hyderabad, 16<sup>th</sup> - 17<sup>th</sup> Sept., 08, Engines of Growth are Bulldozers of Identity: Non-Economic Implications of SEZ Initiatives and Peoples Response in Goa.

Joanna Pereira Coelho , Including the Tribal Communities in the Developmental Processes: Contemporary Concerns of an Old Debate, UGC Centre for the Study of Social Exclusion and Inclusive Policy, Goa University, Goa, 15<sup>th</sup> - 16<sup>th</sup> Jan., 09, The Tribal Situation in India: Past Debates, Present Perspectives, and a plea for an Inclusive Future.

Gangopadhyay Aparajita , i) Redefining South-South Cooperation: Africa on the Centre Stage, Centre for African Studies, University of Mumbai, Mumbai, 23<sup>rd</sup> - 25<sup>th</sup> Feb., 09, Regionalisms of the South: The Case of IBSA. ii) Changing Security Scenario in South Asia, UGC-Nehru Studies Centre, Depart

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ment of Political Science, University of Kerala, Thiruvananthapuram, 25<sup>th</sup> - 26<sup>th</sup> Mar., 09, Security in South Asia: A Contrarian View.

Parulekar Dattesh D. , i) India-US in a Globalizing World: Many Layers, But One Goal of Strengthening Relations, Vidya Prasarak Mandal's Centre for International Studies, Mumbai , July, 08, Whither Indo-US Relations in the 21<sup>st</sup> Century: A Strategic Partnership or a Naturalized Alliance. ii) Changing Dynamics of India's Foreign Policy in the 21<sup>st</sup> Century, Dept of Civics and Politics, University of Mumbai, Mumbai, Mar., 09, Whither IBSA in India's Foreign Policy.

Desouza Shaila : (i) National workshop on Domestic Violence Act 2005, Lawyers Collective, India Habitat Centre, New Delhi, 14<sup>th</sup> -15<sup>th</sup> Nov., 08, Workshop presentation of Goa scenario. (ii) State Orientation Programme on Adoption, Goa State Comm. for the Protection of Child Rights & Central Adoption Resource Authority, Gol, New Delhi, Seminar Hall, Secretariat, Goa, 12<sup>th</sup> -13<sup>th</sup> Jan., 09, workshop. (iii) International Conference on Asian Management Practices: People, Strategies and evolutions, Indian Institute of Management (IIM), Lucknow, IIM Lucknow-Noida Campus, New Delhi, 19<sup>th</sup> - 21<sup>st</sup> Mar., 09, Innovative Strategies of Non-hierarchical Women's Organizations: An 'Outcome Analysis'. (iv) International Conference on Empowerment of Women through Participatory Democracy and State Welfare: Canada and India held in Goa University, Centre for Canadian Studies, GU and the Department of English, MES College and the Goa State Commission for Women, Goa University Conference Hall, 30<sup>th</sup> - 31<sup>st</sup> Mar., 09, Women's Voices from their Welfare to Empowerment-Canada and India.

#### Faculty of Natural Sciences

Bidaye Priyanka P. and Fernandes J. B. , 19<sup>th</sup> National symposium on catalysis, NCL, Pune, 18<sup>th</sup> - 21<sup>st</sup> Jan., 09, Synthesis of b-doped TiO<sub>2</sub> of high photo catalytic activity.

Kakodkar Sachin B. and Fernandes J. B. , 19<sup>th</sup> National symposium on catalysis, NCL, Pune, 18<sup>th</sup> -21<sup>st</sup> Jan., 09, Catalytic activity of HZSM-5 zeolites of different Si/Al ratios for the ammonolysis reaction of sec-butyl alcohol.

Bidaye Priyanka P., D. Khushalani and Fernandes J. B. , Intl. Symposium on Materials Chemistry, BARC, Mumbai, 2<sup>nd</sup> - 6<sup>th</sup> Dec., 08, Synthesis of S-doped TiO<sub>2</sub> of high photocatalytic activity.

Salker A.V. & Naik S. J. , Frontiers in Nano Science, Cochin University Science & Technol, Tiruvaranthpuram, 3<sup>rd</sup> - 6<sup>th</sup> Jan., 09.

Salker A.V. & Kunkalekar R. K. , Frontiers in Nano Science, Cochin University of Science & Technol, Tiruvaranthpuram, Preparation and solid state studies on Bi<sub>2-x</sub>Ce<sub>x</sub>WO<sub>4</sub> nano materials, 3<sup>rd</sup> - 6<sup>th</sup> Jan., 09, Preparations, characterization and solid state studies on Ni doped Mn<sub>2</sub>O<sub>3</sub>.

Kamat V. P. , Two-Day National workshop, Green Chemistry, Jawaharlal Nehru Technological University, Hyderabad, 14<sup>th</sup> - 15<sup>th</sup> Feb., 09.

Salker A.V. & Naik S. J. , CATSYMP-19, NCL Pune, Pune, 18<sup>th</sup> - 21<sup>st</sup> Jan., 09, Copper & cobalt tungstate catalyst for CO oxidation.

Salker A.V. & Kunkalekar R. K. , CATSYMP-19, NCL Pune, Pune, 18<sup>th</sup> - 21<sup>st</sup> Jan., 09, Preparation of Ce doped Mn<sub>2</sub>O<sub>3</sub> catalysts for CO oxidation.

Mandrekar V. K. , Tilve S. G. & Nadkarni V. S. , International Polymer Congress, MACRO-2008, International Society for Polymer Science, Taipei, Taiwan, (29<sup>th</sup> June - 4<sup>th</sup> July, 08), High Sensitivity Nuclear Track Detector.

Sirsat R. N. , National Seminar, Shahu College, Latur (MS), 23<sup>rd</sup> - 24<sup>th</sup> Jan., 09, Molecular electrostatic potential and its applications.

Sirsat R. N., Workshop on: Emerging Trends in Science for Science School teachers, The New Educational Institute, Qurchorem (Goa), 27<sup>th</sup> Feb., 09, Application of computers in Science Education.

Sirsat R. N. , i) National Conference on Advances in Physical and Theoretical Chemistry, Department of Chemistry, Calicut University, Calicut, 19<sup>th</sup> -20<sup>th</sup> Mar., 09, Use of spreadsheet for understanding the

molecular structure: A case study in chemistry education. ii) Density Functional studies on the Pauson-Khand reaction

Verenkar V. M. S., Intl. conference on nanomaterials and applications, Shivaji University, Kolhapur, 9<sup>th</sup> - 11<sup>th</sup> Dec., 08, Synthesis and characterisation of nanosized cobalt zinc ferrite obtained by self-propagating auto-combustion of a novel precursor.

Verenkar V. M. S. , i) Indo-Russian workshop on self-propagating high temperature synthesis, Indian Institute of Science, Bangalore, 27<sup>th</sup> -29<sup>th</sup> Nov., 08, Synthesis of nanosize  $\text{Co}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ , by combustion and precursor combustion synthesis. ii) Combustion synthesis of  $\text{Mn}_{0.3}\text{Ni}_{0.3}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$  nanoparticles using a novel fumarato-hydrazinate precursor

Kamat Venkatesh , National Conference on Open Source Software (NCOSS-09), CDAC Mumbai, Navi Mumbai, 24<sup>th</sup> -26<sup>th</sup> May, 09, Xplano – Manufacturing Knowledge Management Tool Using Open CASCADE.

Pinto Yma , International Conference on Education, Research and Innovations, IATED – International Association for Technology Education & Development, Madrid, Spain, 17<sup>th</sup> - 20<sup>th</sup> Nov., 08, “Competency Based Curriculum Design – A Framework for IT courses”.

Naik G. M. , Digital repositories, Indain Navy, NASDO, 1<sup>st</sup> Aug, 08, D-space server front end interface.

Viegas A.A.A. , Edusat workshop of Distance learning programme on “ RS, GIS and GPS”, IIRS, Dehradun, 21<sup>st</sup> Mar., 09.

#### Faculty of Life Sciences and Environment

Rodrigues B. F. , National Seminar on “Molecular Microbiology & Microbial Technology”, Organized by Department of Microbiology, Kakatiya University, Warangal, (22<sup>nd</sup> Jan., 9<sup>th</sup> - 24<sup>th</sup> Jan., 09).

Rodrigues B. F. , “International Training on in vitro culture of A.MF”, Department de Chimie appliqué et des bio-industries Unite de microbiologic University catholique de Louvain, Louvain-la-Neuve 19<sup>th</sup> Apr., 9<sup>th</sup> - 24<sup>th</sup> Apr., 09.

Rodrigues B. F. , “Entrepreneurship development programme in Biotechnology to create Entrepreneurs”, Organized by Goa State Industries Association, Goa and DBT, New Delhi, International Centre Goa, 14<sup>th</sup> Oct., 08 - 17<sup>th</sup> Oct., 08).

Rodrigues B. F. , “Advances in Biotechnology for Plant Protection”, jointly organized by Indian Society of Mycology and Plant Pathology and Department of Studies in Applied Botany and Biotechnology, University of Mysore, Mysore, (17<sup>th</sup> - 19<sup>th</sup> Nov., 08).

M. K. Janarthanam, XVIII Annual conference of Indian association for Angiosperm Taxonomy and International Seminar on Multidisciplinary Approaches in Angiosperm Systematics, University of Kalyani, Kalyani, 11<sup>th</sup> - 13<sup>th</sup> Oct., 09, Taxonomic Revision: The forgotten art and its scientific implications.

Dessai, Jyosna R. N. & M K Janarthanam, XVIII Annual conference of Indian association for Angiosperm Taxonomy and International Seminar on Multidisciplinary Approaches in Angiosperm Systematics, University of Kalyani, Kalyani, 11<sup>th</sup> - 13<sup>th</sup> Oct., 09, Taxonomic status of *Impatiens chinensis* L. (Balsaminaceae) and its synonyms.

Gad, Harshala & M. K. Janarthanam, XVIII Annual conference of Indian association for Angiosperm Taxonomy and International Seminar on Multidisciplinary Approaches in Angiosperm Systematics, University of Kalyani, Kalyani, 11<sup>th</sup> - 13<sup>th</sup> Oct., 09, Distribution of grasses – A case study based on habitats in Goa.

Mascarenhas Maria Emilia & M. K. Janarthanam, XVIII Annual conference of Indian association for Angiosperm Taxonomy and International Seminar on Multidisciplinary Approaches in Angiosperm Systematics, University of Kalyani, Kalyani, 11<sup>th</sup> - 13<sup>th</sup> Oct., 09, Collection of *Dicliptera ghatica* (Acanthaceae) after five decades and its taxonomic status (Poster presentation).

Kerkar Vijaya and Lobo Arcangela , International conference on Algal Biomass, Resources and Utilization,

- Stella Maris College, Chennai, 27<sup>th</sup> - 30<sup>th</sup> July, 09, Desmid Diversity of North Goa.
- Pednekar Suraksha , Kerkar Vijaya and Prabhu Matondkar S. G. P. , International conference on Algal Biomass, Resources and Utilization, Stella Maris College, Chennai, 27<sup>th</sup> - 30<sup>th</sup> July, 09, Microalgae as indicators of human induced ecological changes in the estuaries of Goa.
- Kerker S. & Attri K. , National seminar on Sustainable waste management problems and solutions, St. Aloysius College, Mangalore , 29<sup>th</sup> - 31<sup>st</sup> Jan., 09, Bioremediation of heavy metals using sulphate reducing bacteria.
- Siraswar, Nayak G. N. & Kerkar Savita , National Seminar on Indian Association of sedimentologist, Department of Geology, Baroda, 26<sup>th</sup> - 27<sup>th</sup> Dec., 08, Distribution of sediment components in mangrove and mudflat environment of the Mandovi estuary, Goa.
- Bicholkar Akshaya, Desai Sumati, S. Nazareth, New Vistas for Mycology in meeting global challenges and 35<sup>th</sup> Annual meeting of the Mycological society of India, Centre for Advanced Studies in Botany, University of Madras, Guindy Campus, Chennai, 29<sup>th</sup> - 30<sup>th</sup> Jan., 09, Screening of Marine derived fungi for metal tolerance.
- Nayak Shweta, Valerie Gonsalves S. Nazareth, New Vistas for Mycology in meeting global challenges and 35<sup>th</sup> Annual meeting of the Mycological society of India, Centre for Advanced Studies in Botany, University of Madras, Guindy Campus, Chennai, 29<sup>th</sup> - 30<sup>th</sup> Jan., 09, Fungal diversity and salt tolerance of fungi from the Dead Sea water and sediments.
- Ksh Tomchou Singh, Nayak G. N. , Borole D. V. and Basavaiah N. , International Symposium on Sediment Management, Ecole des Mines de Duoi, Lille France, 9<sup>th</sup> - 11<sup>th</sup> July, 08, Understanding sedimentary processes and degree of pollution through geochemistry and magnetic properties of mudflat sediments from a tropical micro tidal estuary, Central West COSAT of India Full paper.
- De Souza J. and Nayak G. N. , Nacional Seminar on Kankan COSAT DEED - (Dynamics Evolution, Ecosystem & Development), GSS College, Belgaum, 12<sup>th</sup> - 13<sup>th</sup> Sept., 08, ICZM - Study for Goa Coast Key note paper.
- Shanmukha D. H. , Panchang R. , Nigam R. and Nayak G. N. , National Seminar on Konkan Coast CEED - (Dynamics, Evolution, Ecosystem & Development), GSS College, Belgaum, 12<sup>th</sup> - 13<sup>th</sup> Sept., 08, Bentic foraminifera as indicator of changing environment during last three decades in Manfovi - 3. Cumarjua - Zuari estuarine complex, Goa India.
- Nayak G. N. and Desouza J., XXV Conv. Ind. Assoc. Sedimentologists, MS University, Baroda, 26<sup>th</sup> - 28<sup>th</sup> Dec., 08, Coastal Environments and their management.
- Fernandes Lina & Nayak G. N., XXV Conv. Ind. Assoc. Sedimentologists, M S University, Baroda, 26<sup>th</sup> - 28<sup>th</sup> Dec., 08, Mangrove sediments – a proxy for climate change?
- Ratnaprabha Siraswar, G. N. Nayak & Savita Kerkar, XXV Conv. Ind. Assoc. Sedimentologists, M S University, Baroda, 26<sup>th</sup> - 28<sup>th</sup> Dec., 08, Distribution of sediment components in Mangrove and Mudflat environments of Mandovi estuary Goa.
- Nayak G. N. , Present and Future Trends in Marine Geology' and Geophysics, Mangalore University, Mangalore, 21<sup>st</sup> - 22<sup>nd</sup> Apr., 09, Mudflats-a sedimentary Environment Key note paper.
- Nayak G. N. , Earth Day celebration, Mangalore University, Mangalore, 23<sup>rd</sup> Apr., 09, Integrated coastal zone management - a case study an invited talk.
- Menon H. B. , Workshop on Ocean colour, AnamaliaUniversity, Chennai, 24<sup>th</sup> - 26<sup>th</sup> Jan., 09, Bio optical properties of costal water.
- Menon H. B. , Workshop to finalize the work plan for OCM - II validation Ocean Sat - 2 U.P., Space Application (SAC) ISRO, Ahmadabad, 21<sup>st</sup> Aug., 08, Ocean colour analysis In costal water - presentation made in the meeting to discuss an finalize work plan for OCM-II validation . Ocean SAT - 2 U.P.
- Menon H. B. , Aerosol radiative forcing over India, Andra University, Vishakapatanam, 23<sup>rd</sup> - 24<sup>th</sup> Sept., 08. Aerosol optical depts. and characterization over the West Coast of India.
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Rivonker C. U. , Padte V. P. , Sawant S. S. , Venkat K. & A. C. Anil, Biofouling & Ballot Water Management, NIO, Donapaula Goa, NIO, 5<sup>th</sup> - 7<sup>th</sup> Feb., 08, Spatio-temporal variation in the demersal fish community of Goa, along West Coast of India.

Vaz Fernandes Nandini & S. K. Shyama, 35<sup>th</sup> Annual conference of Environmental Mutagen Society of India (EMSI) & International Symposium on "Genomics and Molecular basis of Human diseases", Magadh University, Bodhgaya, 17<sup>th</sup> - 19<sup>th</sup> Mar., 08, Genotoxicity and Teratogenicity studies of the drug 'Paracetamol'.

Pai I. K. , Scenario of Seribiotechnological Res. In India SPMVV, SPMV, Tirupati, 28<sup>th</sup> - 30<sup>th</sup> Aug., Pros and Cons of practicing sericulture in Goa, Nati Sem.

Pai I. K., Insect pest Management and Environmental Safty, Haridwar, 24<sup>th</sup> - 26<sup>th</sup> Sep., 08, Insect pests Paddy in Goa.

Pai I. K., On Zoology, SSM College ,Ranchi, Jharkhand, 17<sup>th</sup> - 19<sup>th</sup> Nov., 08, Zooplankton as bio-indicator for ecological studies, 2nd National Conf.

Pai I. K., Biotechnology & Parasitology for sustenance, University of Allahabad, Allahabad, 6<sup>th</sup> - 8<sup>th</sup> Dec., 08, Role of Plankton on protection of fish Nat. workshop.

Pai I. K., Technologies for mitigation of Envl Pollution and their applications in conservation of aquatic ecosystem, BAMU, Aurangabad, 11<sup>th</sup> - 13<sup>th</sup> Dec., 08, Plankton on bioindicator of aquatic ecosystem.

Pai I. K., Envtl.threats to Human Health in 21<sup>st</sup> Century. Mahila Mahavidyalaya BHU, 16<sup>th</sup> - 17<sup>th</sup> Jan., 09 Role of Zooplankton in Human health, Nati Symp.

#### Faculty of Management Studies

Borde Nilesh , National Seminar on the theme "Inclusive Growth & Marginalised", Centre for study of Social Exclusion & Dept. of Economics, Goa University, Goa University, 24<sup>th</sup> Mar., 09, Financial Inclusion through Microinsurance.

### C: Research Publications in National/International Journals:

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

#### Faculty of Languages & Literature

Budkuley K., "Views and Visions of an Emergent India from the Cusp of Two Centuries: Indian Renaissance in Indian Writing", Vak: A Journal of Saurashtra University Speial Issue on Comparative Literature (National), Vol 3, 2008, pp. 77- 82.

Caldeira Nina, "Interrogating the Diasporic Sensibility in Culture Studies: Narratives of Abraham", Dialogue (National), V. No. 1, June, 09 pp. 29 - 41.

Caldeira Nina, "Goa in the Literary Imagination.", Shodh (State), No 13, 2008 pp.107-117.

Sardesai Madhavi ,a) Shennoi Goenbab's contribution to the making of Konkani Grammatical Terminology (in Konkani), Jaag No. 6, Vol. 34, June - July 2008: 2 - 6. b) "Jean-Paul Sartre, T. B. Cunha and Shennoy Goenbab'(in Konkani), Jaag, Vol. 35, No. 2, Sept., 2008: 2 - 4. c) "Konkani:History and Geography – a churning in Konkani", Jaag, Oct - Dec., 2008: 6-10. d) Women's Voices in select Konkani Novels and stories(in English), Parma, Journal of Goa Heritage Action Group, Vol. 7, Dec., 2008: 124 -130. e) Mfr. S. R. Dalgado: A guiding light - House for the Konkani ship' (in Konkani), Vol. 35 No. 4, Jan., 09: 2-5.

Parienkar Prakash, Udak, Samkalin Bharatiya Sahitya Monthly journal of Indian Literature in Hindi, published by Sahitya Akademi, New Delhi, Vol. 139, Sept., Oct., 2008: 161-165.

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- Mishra Ravindranath S., *Anamdas Ka Potha: Aadhyatmic Chintan Ka anvadi Swarup*, Hindi Anusheelan Allahabad, Vol. - 1 - 2, Pg. No. 44 - 48.
- Mishra Ravindranath S., "Konkani Bal Sahitya" in *Kashph*, Vibhor Prakashan, Amritsar, Punjab, Vol. 14, Nov., 2008, (pg no. 117 - 118).
- Mishra Ravindranath S., "Konkani Sahitya 2005 - 06" (Sarvekashan Lekh) in *Varshiki*, Central Hindi Directorate, N Delhi, *Varshiki 2005 - 06*, Jan., 2009 Pg 39 - 61.
- Mishra Ravindranath S., "Sampradaya Nirpeksha Meera Ki Bhakti", *Bharat Vani*, DVHP, Dharwad, Vol. 10, Jan., 2009 (pg. no. 8 - 12).
- Mishra Ravindranath S., "Kya Bhulu Kya yaad karu mein prem evam jeevan sangarsh", 'Prayas' Hindi *Varshik*", Vol. - 4, Feb., 2009 (pg no. 37 - 41).
- Mishra Ravindranath S., "Babu Gulabrai ke samiksha - drushti", *Bharat Vani*, DVHP, Dharwad, Vol. - 1, Apr., 2009 (pg. no 10 -12).
- Mishra Ravindranath S., "Kumar Ambuj ke kavya Mein samvedana", *Madhumati from Rajasthan Sahitya Academy*, Udaipur, Vol. - 5, May, 2009 (pg no 13 - 16).
- Khan Ishart B. , 'Benipuri Ke Rekha Chitroan Mein Vayakti - Charitra', 'Samar - lak, Patrika Bhopa', *Varsh10*, Ank -3, Dec., 2008, Pg.No. 85 - 87.
- Khan Ishart B. , 'Hindi ka yatra sahitya', *Samar- Lok, Bhopal Patrika* , *Varsh 10*, Ank 4, Jan. - Mar., 09 (Pgs 78 - 82).
- Furtado Edith Melo , Published article : 1) *La Traversée des Frontières , identité et diversité culturelle in Synergies-Inde*, no. 3, *Revue du GERFLINT*, Poland, 2008. 2) Collaborated in the book *Ecriture indienne d'expression française with Vijaya Rao*, Le Germ, New Delhi & La Reunion (France) , 2008. 3) Contributed to the publication of the book "De Bouche a Oreille: contes favoris" ed. by Chitra Krishnan, New Delhi, Saraswati House Pvt. Ltd., 2009

#### Faculty of Social Sciences

- Sudarsan P. K. (co-author: Radhika Nayak), *Regional disparity in service sector Development in Goa*, *Journal of Social and Economic Development(National)*, Vol: 10, July - Dec., 08, 222 - 235.
- Sudarsan P. K. (co-author: Deepali Karmali), *Impact of trade in goods on trade in services: A country level panel data analysis*, *Indian Journal of Economics and Business (National)*, Vol:7, June, 2008, 145 - 154.
- Bhat N. Shyam , *Socio-Economic Relations between Goa and Karnataka: A Historical Perception*, *Indica (National)*, 45 : 2, Sept.,08 pp, 165 - 176.
- Tharakan Koshy , *Rethinking Religious Language in the Age of Science*, *Journal of Dharma*, Vol. 33. No. 4, Dec., 2008, PP: 405 - 411.
- Pai Vernekar Sanjyot , *Human Person in Experimentation Ethical Issues & Concerns*, *Journal of Dharma* Vol.33 No.1, Jan. - Mar. - 2008, P. 85 - 94.
- Pai Vernekar Sanjyot , *Sacred Nature : A Hindu Approach to Environment*, *Journal of Dharma* , Vol.33 No.2, April - June 2008, P 205 - 212
- Tripathi Rahul , *People Centric Partnership : The Way Forward for SAARC*, *Economic and Political Weekly (National)*, Vol 43, No. 41, 11<sup>th</sup> - 17<sup>th</sup> Oct., 08.
- Somayaji Ganesha & Coelho Joanna P. , *Konkani and Assertive Multilingualism in Goa, India*, *Loyola Journal of Social Sciences (International Journal)*, Vol. XXII No. 01, Jan - June, 08 (63-78).
- Gangopadhyay Aparajita , *Area Studies and the Challenge of Globalisation: Issues and Concerns*, *ICFAI Journal of International Relations (Hyderabad)*, vol. II, no. 4, Oct. - Dec., 08, pp. 64 - 72.
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## Faculty of Natural Sciences

- Basak Soubir , Rane K. S. , Pritam Biswas, Hydrazine-Assisted Low - temperature Aerosol Pyrolysis Method to Synthesise  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>, Chemistry of Materials (International), 20, July 2008,4906.
- Naik S. J. & Salker A. V. , Mechanistic approach of CO oxidation over Cu<sub>1-x</sub>Co<sub>x</sub>WO<sub>4</sub> system, Catal. Cummun. (International), 10, Jan. (2009) 884-888.
- Salker A.V. & Naik S. J. , Mechanistic study of acidic and basic sites for CO oxidation over nano based Co<sub>2-x</sub>Fe<sub>x</sub>WO<sub>6</sub> catalysts, Applied Catalysis B (International), 89, May (2009) 246 - 254.
- Majik, M. S., Parameswaran P. S., Tilve S. G., Intramolecular Wittig Reaction: A New Synthesis of (S)-Pyrrolam A., Helvetica Chimica Acta, (International), 91, 2008, 1500.
- Kurangi, R., Kinalekar S., Tilve S. G., Kirtany J. K., Alternative synthesis of (+/-) Cherryline Dimehyl Ether, Arkivoc (International), 12, 2008, 256.
- Majik, M. S., Parameswaran, P. S., Tilve S. G., Tandem Wittig - Ene Reaction Approach to Kainic Acid, J. Org. Chem (International), 74, 2009, 3591.
- Mascarenhas, A. A. A.; Mandrekar, V. K.; Kalsi, P. C., Tilve, S. G., Nadkarni, V. S., First report on preparation of poly(nitro-carbonate) thermoset polymers for nuclear track detection, Radiat. Measurement (International), 44, 2009, 44.
- H. J. Jakobsen, H. Bildsøe, J. Skibsted, M. Brorson, Srinivasan B. R., C. Näther, W. Bensch, New Opportunities in Acquisition and Analysis of Natural Abundance Complex Solid - State <sup>33</sup>S MAS NMR Spectra: (CH<sub>3</sub>NH<sub>3</sub>)<sub>2</sub>WS<sub>4</sub>, Physical Chemistry Chemical Physics (International).
- H. J. Jakobsen, H. Bildsøe, J. Skibsted, M. R. Hansen, M. Brorson, Srinivasan B. R. , W. Bensch, Site Preferences of (NH<sub>4</sub>)<sup>+</sup> in Its Solid Solutions with Cs<sub>2</sub>[WS<sub>4</sub>] and Rb<sub>2</sub>[WS<sub>4</sub>] from Multinuclear Solid-State MAS NMR, Inorganic Chemistry (International), 48, 2009, 1787.
- Srinivasan B. R. , Naik A. R., C. Näther, W. Bensch, Synthesis and structural characterization of bis (n-propyl-ammonium) tetrasulfidometalate, Indian Journal of Chemistry (national), 48A, 2009, 769.
- Srinivasan B. R. , Naik A. R. , M. Poisot, C. Näther, W. Bensch, Bis(piperazin-1-ium) tetrasulfidometalates: Solid state synthesis, thermal studies and structural characterization, Polyhedron (Intl.), 28, 2009, 1379.
- Srinivasan C. R. , Rane G. K. , Synthesis, properties and supramolecular structure of di (aqua) bis (ethylenediamine) nickel (II) bis(4- nitrobenzoate), Journal of Chemical Sciences (National), 121, 145.
- Srinivasan B. R. , Sawant J. V. , P. Raghavaiah, On the distorted {NiN<sub>6</sub>} octahedron in hexakis(imidazole) bis (4- nitrobenzoate) dihydrate, Indian Journal of Chemistry, 48A, 2009, 181 (National).
- Srinivasan B. R. , Shetgaonkar S. Y. , C. Näther, W. Bensch, Solid state synthesis and characterization of a triple chain calcium(II) coordination polymer showing two different bridging 4-nitrobenzoate coordination modes, Polyhedron (International), 28, 2009, 534.
- Srinivasan B. R. , Shetgaonkar S. Y. , Sawant J. V. , P. Raghavaiah, Synthesis, X-ray structure and properties of a calcium(II) coordination polymer showing i2- $\zeta$ 1: $\zeta$ 1 and i3- $\zeta$ 2: $\zeta$ 1 coordination modes of 4-nitrobenzoate, Polyhedron (International), 27, 2008, 3299.
- Kalsi P. C. , Nadkarni V. S. and Manchanda V. K. , Effect of gamma irradiation on the etching and optical properties of a newly developed nuclear track detector called (PNADAC) homopolymer, Radiation Physics & Chemistry, (International), 77, 2008, 1002-1004.
- Verenkar V. M. S. , Nickel ferrite nanoparticle, J. Therm. Anal. Cal(International), 94, Dec. 2008, 63 - 67.
- Verenkar V. M. S., Preparation and characterisation of Co<sub>0.5</sub>Zn<sub>0.5</sub>Fe<sub>2</sub>(C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>)<sub>3.6</sub>N<sub>2</sub>H<sub>4</sub>: A precursor to prepare Co<sub>0.5</sub>Zn<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub> nanoparticles, J. Therm. Anal. Cal. (International), 96, Mar., 09, 53-57.
- Verenkar V. M. S. , Ni<sub>0.5</sub>Mn<sub>0.1</sub>Zn<sub>0.4</sub>Fe<sub>2</sub>(C<sub>4</sub>H<sub>2</sub>O<sub>4</sub>)<sub>3</sub>.6N<sub>2</sub>H<sub>4</sub> precursor and Ni<sub>0.5</sub>Mn<sub>0.1</sub>Zn<sub>0.4</sub>Fe<sub>2</sub>O<sub>4</sub> nanoparticle: Preparation, IR, spectral, XRD, SED-EDS and thermal analysis, J. Therm. Anal. Cal (International), 1<sup>st</sup> Mar.,09, 49 - 52.
- Dhuri S. N. , Water as an Oxygen Source in the Generation of Mononuclear Nonheme Iron (IV) Oxo Complexes, Angew Chem Int. Ed.(International), 48, 2009, 1083.

- Adhikari Animesh & Rao P. R. , Capturing Association Among Items in a Data base, Data & Knowledge Engineering (International journal), 67, Dec., 08, 430 - 443.
- Adhikari Animesh & Rao P. R. , Mining conditional patterns in a database, Pattern Recognition Letters (International Journal), 29, July, 08, 1515 - 1523.
- Desai A. G. , Lower crustal contamination of Deccan Traps magnas: evidence from Tholeitite xenoliths from western India(with Downes, H., Lopez Moro F-J and Lopaz-Plaza M., Mineralogy & Petrology springs, 93, 243 - 272, 2008.
- Desai A. G. , Viegas A. and T. A. Vishwanath, Petrogenesis of the layered Mafic Ultra Mafic Complex with Arolkar D. B. , D. French, Journal of Geological Society of India(GSI-Springer), 73, 697 - 714 2009.

#### Faculty of Life Sciences and Environment

- Matthias Schenderlein, Marianne Cetin, Eberhard Schlodder, Samuel Benson, Prabhat K. Sharma, James Barber and Alison Telfer (2008), Reassessment of redoxpotential of P740: the primary electron donor in PSI of the chlorophyll b containing cyanobacterium *Acaryochloris marina*, In: Photosynthesis. Energy from the sun: 14th international congress on photosynthesis. (J.F. Allen, E. Gantt, J. H. Golbeck and B. Osmonds(eds). Pp, 219 - 222, Springer, Dordrecht, The Netherlands, 2008.
- Sharma Prabhat Kumar and Vaz Janet (2008), Effect of NaCl and exogenous supplied ABA on anthophylls cycle pigments and energy dissipation in rice plants under high light stress. In: Photosynthesis energy from the sun, In: Photosynthesis. Energy from the sun: 14th international congress on photosynthesis. (J. F. Allen, E. Gantt, J. H. Golbeck and B. Osmonds (eds). Pp, 1561 - 1565, Springer, Dordrecht, The Netherlands, 2008.
- Vaz Janet and Sharma Prabhat (2009), Photoinhibition and photosynthetic acclimation of rice plants grown under different light intensities and transferred to full sunlight, Ind. J. Biochem. Biophys. In press. Ref.No.IJBB-BB -573., 2009.
- J. Pratibha, and Bhat D. J. , 2008, New and unusual hyphomycetes from Mahabaleshwar, India, Mycotaxon. 105:423 - 431.
- J. Pratibha, , Raghukumar, S. and Bhat D. J. . 2009, New species of *Digitoramispora* and *Spondylodadiopsis* from the forests of Western Ghats, India, Mycotaxon 107: 383 - 390.
- Yadav, S. and Bhat D. J., 2009, *Dimastigosporyum yanense*, a new coprophilous fungus from the forests of Western Ghats in Karnataka State, India, Mycotaxon 107: 397 - 403.
- Dhargalkar S. & Bhat D. J. , *Echinosphaeria pteridis* sp. Nov. and its *Vermiculariopsiella* anamorph, Mycotaxon, 108: 115 - 122.
- Prabhugaonkar A. and Bhat D. J., 2009, *Rattania setulifera*, an undescribed endophytic hyphomycete on rattans from Western Ghats, India, Mycotaxon 108: 217 - 222.
- Dessai Jyosna R. N. & M. K. Janarthanam, 2008, Taxonomy and Distribution of *Impatiens talbotii* – A rare endemic balsam from Western Ghats, J. Econ. Taxon. Bot.(National), 32(3), 624 - 627, 2008.
- Parab, G. V., Krishnan S. , M. K. Janarthanam, K. R. Sivaprakash and Parida Ajay , ISSR and RAPD Markers Assessed Genetic Variation of *Aerides maculosum* – an Epiphytic Orchid from Goa, J. Plant Biochemistry & Biotechnology (National), 17(1), 107 - 109, 2008.
- Parab, G. V and Krishnan S. , Assessment of genetic variation among populations of *Rhynchostylis retusa*, an epiphytic orchid from Goa, India using ISSR and RAPD Markers, Indian Journal of Biotechnology (Science Citation Index Expanded) (National), Vol. 7, 313 - 319, 2008.
- Prabhugaonkar, A., Sardesai M. M. & M. K. Janarthanam, 2009, Further additions to the flora of Goa, J. Econ Taxon. Bot. (National), 33 (1), 37 - 43, 2009.
- Rodrigues, B. F. and V. Jaiswal (2008), Effect of disturbance on Arbuscular Mycorrhizal (AM) fungal population in coastal sand dune vegetation of Goa, India, Indian J. of Mycology and plant pathology, 38 (1), 73 - 79, 2008.

- Khade S. W. and Rodrigues B. F. (2008), Spatial variations of AM in *Terminalia crenulata* Roth. From the Western Ghat region of Goa, India. *Mycorrhiza News*, 22(2), 20 - 22, 2008.
- Rodrigues B. F. (2008), Taxonomy of Phylum Glomeromycota: A Review, *Annual Review of Mycology & Plant Pathology*, 4, 193 - 216, 2008.
- Khade S. W. and Rodrigues B. F. (2008), Arbuscular mycorrhizal association in popular banana (*Musa* sp.) variety from the state of Goa, *Mycorrhiza News*, 20(3), 11 - 14, 2008.
- Khade S. W. and Rodrigues B. F. (2009), Application of arbuscular mycorrhizal fungi in agroecosystems, *Tropical and Subtropical Agroecosystems*, 10, 337 - 354.
- Khade S.W. and Rodrigues B. F. (2009), Arbuscular arbuscular fungi associated with various of *Carica papaya* L. in tropical agro-based ecosystem of Goa, India, *Tropical and Subtropical Agroecosystems*, 10, 369 - 381.
- Khade S. W. and Rodrigues B. F. (2009), Spore-in-spore syndrome in arbuscular mycorrhizal fungi from agro-based ecosystem of Goa, *Mycorrhiza News*, 21(2), 2 - 4.
- Bukhari M. J. and Rodrigues B. F. (2008), Effect of Arbuscular Mycorrhizal Fungi on growth on *Artocarpus heterophyllus* and *Syzygium cumini* seedlings in iron ore mine rejects, *Indian Journal of Mycology and Plant Pathology*, 38(2), 238 - 242, 2008.
- Khade S. W. and Rodrigues B. F. (2008), Spatial variations in arbuscular mycorrhizal (AM) fungi associated with *Carica papaya* L. in a tropical agro-based ecosystem, *Biological Agriculture and Horticulture*, 26, 149 - 174, 2008.
- Khade S. W. and Rodrigues B. F. (2008), Ecology of arbuscular mycorrhizal fungi associated with *Carica papaya* L. in agro-based ecosystem of Goa, India, *Tropical and Subtropical Agroecosystems*, 8, 265 - 278, 2008.
- Khade S. W. and Rodrigues B. F. (2008), Effects of arbuscular mycorrhizal fungi on micropropagated banana, *Journal of Economic and Taxonomic Botany*, 32(3), 510 - 515, 2008.
- B. F. Rodrigues and Naik A. N. (2009), Arbuscular Mycorrhizal fungi of the 'Khazan Land' agro-ecosystem. In: *Frontiers in Fungal Ecology, Diversity and Metabolites*, (Ed. K. R. Sridhar). I. K. International Publishing House Pvt. Ltd. New Delhi, 141-150, 2009 .
- Bukhari M. J. and Rodrigues B. F. (2009), Occurrence of Arbuscular Mycorrhizal (AM) fungi in selected plant species from Bimbol iron ore mine of Goa. In: *Plant and Fungal Biodiversity and Bioprospecting*, (Eds.S. Krishnan & D. J. Bhat). Broadway Book Centre, Panjim Goa, 134 -143, 2009.
- Khade S. W. and Rodrigues B. F. (2009), Studies of effects of Arbuscular Mycorrhizal (AM) fungi on mineral nutrition of *Carica papaya* L., *Not. Hort. Agrobot. Cluj* , 37(1), 183 - 186, 2009.
- Nazareth S. and T. Marbaninag, Effects of heavy metals on cultural and Microbiological growth characteristics of halotolerant *Penicillium* morphotypes, *Journal of Basic Microbiology(I)*, Vol 48, 2008, 363 - 369.
- Braganca J. M. and Furtado I. , Isolation and characterization of Haloarchaea from coastal sediments and waters of Goa, India, *Current Science (N)*, Vol.96 (8), 2008, 182 - 4.
- Munnoli P. M. and Bhosle Saroj , Soil aggregation by vermicompost of press mud, *Current Science (N)*, Vol. 95, 2008 1533 - 1535.
- Munnoli P. M. and Bhosle Saroj , Effect of cow dung proportion on vermicomposting by deep burrower and surface feeder species, *Journal of Scientific and Industrial Research (N)*, Vol.68, 2009, 57 - 60.
- Fernandes Lina & Nayak G. N. , Distribution of sediment parameters and depositional environment of mudflats of Mandovi estuary, Goa, India, *Journal of Coastal Research (International)*, 25 (2), 2009, 273 - 284.
- Ksh. Tomachou Singh & Nayak G. N. , Sedimentary and Geochemical signatures of depositional environment of sediments in mudflats from a micro-tidal Kalinadi estuary, Central West Coast of India, *Journal of Coastal Research (International)*, 25 (3), 2009, 641 - 650.
-



- Rivonkar C. U., Prakash Divya , Rakeshkumar, Sangodkar U. M. X. & Rivonker C. U. , Isolated and characterization of meteoritic and degrading marine bacterium from Northern Arabian Sea, Indian J. of Marine Science, 37 (3), 2008, 227 - 232.
- Anu Shashikumar & Desai P. V. , Development of primary cell culture from scylla sereta, Cytotechnology (Springer), 56,161 (169), 2008.
- Desai S. N. & Desai P. V. , Changes in renal clearance & renal tubular function in albinomice under the influence of dichlorovos, Pesticide Biochemistry & physiology(International Journal), 91,160 -169, 2008.
- Shanbhag A. B., Fernandes G. A. and Borges Sonali D., The ecology of Batim Wetland,Goa India a vibrant waterfowl habitat, J. Aqua .Bio, 23 (1), 2008/1 - 7.
- Borges D. S. and Shanbhag, A. B., Effect of dept and open waters on site selection by wintering waterfowl in freshwater wetlands, J.Cell and Animal Biol, 2 (11), 2008/182 - 186.
- Desai S. N. and Desai P. V. , Aspsrtate aminotransfererare and alanine amonotransferare activities of rat brain during crush sybdrom, Neuroscience Letters International Journal, 447, Nov., 08, 58 - 61.
- Revankar Preeti R. & Shyama S. .K., Genotoxic effects of Monocrotophos, an organophosphorous pesticide, on an estuarine bivalve, Meretrix ovum, Food and chemical Toxicology (International ), 47, 2009 1618 - 1623.
- Gad Suman D. & Shyama S. K, Studies on food and feeding habits of Gaur Bos gaurus H Smit(Mammalia: Artiodactyla : Bovidae) in two protected areas of Goa, J. of Threatened Taxa (National), 9(2), 2009 :128 - 130.
- Deshpandey Trivikram M. , Shyama S. K & Pandey A. K., Genetics studies of Breast cancer patient in Goa, Int. J. Human Genetics (International), 8(3), 2008, 263 - 268.
- Pai I. K. , Survey of nematodes of mulberry gardens of Karnataka State Sericultural Research And Training Institute, Columban J. of life Sc (1&2), 141 - 142, 2008.

#### Faculty of Management Studies

- Mekoth Nandakumar (with Fernandes Christo and Kumar Satish), Length of Service and Role Stress, TheIcfai University Journal of Organizational Behavior (National), Vol. VII, No. 3, July, 08, pp.17 - 21.
- Mekoth Nandakumar (with Barnabas N), Measuring Organizational Autonomy, South Asian journal of Management Research (National), Vol. 1, No.1, Jan., 09, pp.19 - 27.
- Mekoth Nandakumar (with Fernandes Christo and Kumar Satish), Gender Differences in Stress Among Bank Officers of Private and Public Sectors, The Icfai University Journal of Organizational Behavior (National), Vol. VIII, No. 2, Apr., 09, pp. 63 - 69.

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

#### Faculty of Languages & Literature

- Budkuley K. , Women in Literature: The Case of Konkni, 37 - 40, Conf. Proc. Of Mahila Mellava, 2008, Institute Menezes Braganza, Dec., 08 .
- Mishra Ravindranath S., Konkani Samkaleen Pg. no. 426 - 446, Bharteeya Sahitya Kosh, Sanjay Prakashan, New Delhi, 2008.
- Mishra Ravindranath S., Konkani Sahitya Pg. no. 183 - 208, Bhartiya Sahitya ki Pahacha edited by Siyaram Tiwari, Nalanda Prakashan, Patna, Bihar, Apr.,09.

#### Faculty of Social Sciences

- Mukhopadhyay Pranab , i) Re - visiting Demsetz Pp: 144 -158, Conversations between economists and anthropologists. (Eds): P. Bardhan & I Ray, Wiley Blackwell, Malden, 2008. ii) Heterogeneity Common
-

and Privatisation, pp: 213 - 237, Promise Trust and Evolution: Managing the Commons of South Asia. (Eds) R. Ghate, N. Jodha & P. Mukhopadhyay, Oxford University Press, Oxford, 2008.

Bhat Shyam N., The Portuguese Impact on Goa in the Twentieth Century: An Assessment, pp. 336 - 351, Goa in the 20<sup>th</sup> Century History and Culture (Eds.) Pius Malekandathil and Remy Dias, Institute Menezes Braganza, Panaji, Goa, 2008.

U. A. Vinaya Kumar, Indian Social Contract and its Dissolution, (Eds) Sebastian Velassery & Geeta Manaktala, Booksurge Publishing, Carolina, USA, June - July, 2008.

Gangopadhyay Aparajita, Indo-Latin American Relations: Changing Landscapes, Emerging Agen das, pp. 398 - 419, India's Foreign Policy (Eds) Anjali Ghosh, Tridib Chakroborti, Anindyo Jyoti Majumdar and Shibashis Chatterjee, Longman in association with Pearson, 2009.

Desouza Shaila, Common Civil Code, Marriage and Inheritance in Goa, 140-145 and 'Profile of the Status of Women in Goa', 14 - 38, Slow but Steady: Indian Women towards Equality, Liberty and Self respect, (Eds) D. K. Dubey, D. S. Chandel & S. K. Dube.

#### Faculty of Natural Sciences

Fernandes J. B. , Electrocatalysis 5.1 - 5.9, Catalysis: Selected applications, Narosa Publishing House, 2009.

#### Faculty of Life Sciences & Environment

Vidhya A. P and Krishnan S. , Vegetative propagation and micropropagation of *Rauvolfia densiflora* Benth. Ex. Hook – A medicinal plant, In: Plant and Fungal Biodiversity and Bioprospecting (Eds. S. Krishnan & D.J. Bhat), Published by Broadway Book Centre, Panjim, Goa p. 153 - 162, Mar., 09.

Kerkar Vijaya and Shetkar Poonam, Diversity and Distribution of Pteridales (Pteridophyta) from Goa, In: Plant and Fungal Biodiversity and Bioprospecting (Eds. S. Krishnan & D. J. Bhat), Published by Broadway Book Centre, Panjim, Goa , Mar., 09.

Bhat, D. J. , Gawas Pratibha J. , P., Sarita , K. Y. & D. Swapnaja, Diversity of Microfungi in the forests of Western Ghats in Goa and surrounding regions, In: Plant and Fungal Biodiversity and Bioprospecting (Eds. S. Krishnan & D. J. Bhat), Published by Broadway Book Centre, Panjim, Goa p. 117 - 133, Mar., 09.

Desilva N. V. & Kamat N. M., Simple techniques for studying angiosperm nectar ecology and Microbiology, pp. 183 - 201, Novel Techniques and ideas in Mycology (eds. K.R. Shridhar, F. Barlocher & K. D. Hyde) Fungal Diversity Research Series, 20, University of Hong Kong, Sept., 08.

Fukushina K., Dubey S. K. and Suzuki S., Quantitative analysis of expansion of Tributyltin (TBT) - regulated genes in TBT resistant *Pseudomonas aeruginosa* 2500, 163 - 166, 'Interdisciplinary studies on Environmental Chemistry - Environmental Research in Asia' (Eds: Obayashi Y., Isobe T., Subramanian A., Suzuki S. and Tanabe S. , TERARAPUB, JAPAN, 2009.

Gad Suman D. & Shyama S. K., Man Wildlife conflict in protected areas –A case study of Gaur *Bos gaurus* H Smith from Bhagvan Mahaveer Wildlife Sanctuary and Mollem National park, Goa pp 61 - 70, Wildlife & Biodiversity Conservation, Daya publishing House, Delhi, 2008.

Shanbhag A. B. and Borges, S. D. & Walia, Ecology and Community structure of Pilar Lake (Goa, India) with special reference to birds - a comprehensive study In: Perspectives in Animal Ecology & Reproduction vol. V, pp. Gupta. V. K. & Verma, A. K. (Eds), DAYA Publishing house, Delhi., 2008.

Shanbhag A. B. and Desai M., Ecology of Unmanaged monoculture plantations in Goa, (India) with special reference to birds. In: Perspective in Animal Ecology and Reproduction Vol. V. Gupta V. K. & Verma, A. K. (Eds), Perspectives in Animal Ecology & Reproduction vol. V. pp. Gupta. V. K. & Verma, A. K. (Eds), DAYA Publishing house, Delhi, 2008.

Pai I. K., Sameer Terdalkar, M. L. Pereira and F.M. Morado, Diel Vertical migration OF Zooplankton in Andaman Sea. In: Ecobiology of Aquatic Insects, 24 - 51, Ecobiology of Aquatic Insects, (Ed: Arvind Kumar and Harbhajan Kaur), DAYA Publishing house, New Delhi 24 - 51, 2008.

## E: Books/Reviews

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

Faculty of Social Sciences

Mukhopadhyay Pranab co-authored with A. Mishra, et al, Common Property Water Resources: Dependence & Institutions in India's Villages, TERI Press, New Delhi, 2008.

Gangopadhyay Aparajita , a) Rajen Hershe and K. M. Seethi (eds.). Engaging with the World: Critical Reflections on India's Foreign Policy (New Delhi: Orient Longman, 2005)., Contemporary South Asia (London), vol. 16, no. 3, September 2008, pp. 360-61. b) D.L. Raby, Democracy and Revolution: Latin America and Socialism Today (London, Ann Arbor, MI and Toronto: Pluto Press and Between the Lines, 2006), Development Policy Review (London), vol.26, no.5, Sept.,08, pp.622-23.c)Pai Panandikar V. A. and Tripathi Rahul , eds., Towards Freedom in South Asia: Democratization, Peace and Regional Cooperation (Delhi: Konark Publishers Pvt. Ltd., 2008), in), Indian Foreign Affairs Journal (New Delhi, vol.3, no.1, July-Aug.,08.d) Pablo T. Spiller and Mariano Tommasi. The Institutional Foundations of Public Policy in Argentina (New York: Cambridge University Press), Development and Change, vol.39, issue 5, Sept., 08, pp. 882 - 83.

## F: Books /Monographs Published

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

Faculty of Languages & Literature

Budkuley K. , Mapping the Mosaic of Culture: Essays in Language and Literature, University Book House, Jaipur, Mar., 09, Publication Sponsored by VM Salgaocar Foundation, Goa.

Faculty of Social Sciences

Mukhopadhyay Pranab, co-authored with Mishra A. et al, Common Property Water Resources: Dependence & Institutions in India's Village, TERI Press, New Delhi, 2008.

Afonso A.V. (ed), Indian Christianity, PHISPC, Centre for Studies in Civilizations, May, 2009.

Fernandes Aureliano , Panchayatantra:Empowering Local Governance through Role Definition, University Book House , Jaipur, January, 2009.

Faculty of Life Sciences & Environment

S. Krishnan & Bhat D. J. (Editors)., Plant and Fungal Biodiversity and Bioprospecting, Published by Broadway Book Centre, Panjim, Goa (pages 187), Mar., 2009.

Kamat, N. (2008), Political ecology of Higher education, Atharva, Vol. III, No.9, P.N. Maske (ed.), pp.3-20. September.

Kamat, N., Political ecology of Higher education, Atharva, Vol. III, No.9, P.N. Maske (ed.), pp.3-20, Sept., 08.

Kamat, N. (2009) A. R. S. Dhume, Cultural history of Goa, 10000 B.C. - 1352 A.D., Broadway Book Centre, Panaji, 380 pp., (2009).

Faculty of Management Studies

Dayanand M. S. (Research Project Advisor) jointly done with Mihir Mohapatra, Asst. Professor, Goa Institute of Management, Ribandar, Goa, Tourism Sector in Goa: Future Growth and Challenges, CII, Dec., 08.

R. Nirmala, Case titled "Elizabeth's Resignation", ECCH (European Case Clearing House, UK & USA),

---

July, 08.

R. Nirmala, Case titled "Touch and Go? (A) and (B)", ECCH (European Case Clearing House, UK & USA), Oct., 08.

## **G. Sponsored Consultancy Work undertaken**

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

Faculty of Social Sciences

Pranab Mukhopadhyay, IUCN-The World Conservation, Oct.,08 - Feb., Rs. 09, 60,000/-.

Honorary consultancy by Lecturer, CWS: 1. Member, Goa State Commission for Women, Government of Goa, Dec., 2006 - 2009.

2. Trustee of ACDIL School (Academy for Community Development and International Living), Porvorim, (2001-current).

Faculty of Life Sciences & Environment

G. N. Nayak, Evaluating impacts of discharge of rejects from reverse osmosis plant on marine ecology of Cumbarjua Canal, Terra Firma, Environmental Consultant Pvt. Ltd., ¼ Year, Feb., 09, Rs. 3,53,400/-.

Faculty of Management Studies

A. Sreekumar, N. Mekoth, Purva Hegde Desai, Nilesh Borde, Election Survey, Prudent Media, One month, Rs. 20,000/-.

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**Ph. D. Awardees for the year 2008 -2009**

Sr.	Name	Subject	Guide	Title
1	Govind G. Kajrekar	Marathi	V. D. Sawant	A Critical Study of the Fiction written by Marathi Literateur Rajan Gawas
2	Shambhu Babay Prabhu Desai	Hindi	B. K. Sharma Rohitashav	Rajbhasha Hindi ka Anuprayog Evam Srijanatmak Paksh: Goa Rajya ke sandarbh mein
3	Manasvi M. Kamat	Economics	P. K. Sudarsan	Goa's Iron Ore Exports: An Empirical investigation into Growth, Contribution and Competitiveness
4	Blanche R.C.S. Fernandes e Mascarenhas	Economics	S. M. Noronha	Trade Unions in Goa
5	Roshida Regina Rodrigues	Philosophy	A. V. Afonso	Understanding Linguistic and Hermeneutical Foundation of Genetic Epistemology
6	Animesh Adhikari & Tech.	Computer Sc.	P. R. Rao	Knowledge Discovery in Databases with Emphasis on Multiple Large Database
7	Rajendra S. Gad (Physics)	Electronics	Gaurish Naik	Instrumentation Design for Non-invasive Blood Analysis based on Optical Sensors
8	Jose C.J.M.D.S. Menezes	Chemistry	S. P. Kamat	Synthesis of Natural Products & their Analogues
9	Sulaksha J. Parab	Chemistry	S. P. Kamat	Some Studies in the Synthesis of Natural Products
10	Jyoti V. Sawant	Chemistry	B. R. Srinivasan	Chemistry of some bivalent metal 4-Nitrobenzoates: Synthesis, Spectroscopy, Reactivity Studies, Thermal Properties and Structural Characterization
11	Savia P. Torres	Chemistry	S. P. Kamat	Synthesis of Carbocyclic & Heterocyclic Compounds
12	Sabina Martins	Chemistry	J. B. Fernandes	Activated Carbons for Environmental Applications
13	Rupesh E. Patre	Chemistry	S. G. Tilve	Tandem reactions in Organic Synthesis
14	Radhika K.P.	Botany	B.. Rodrigues	Studies of Arbuscular Mycorrhizal (AM) fungi in some commonly occurring medicinal plants of Goa.
15	Janet Flavy Vaz	Botany	P. K. Sharma	Relationship between non-photochemical quenching(qN)-xanthophyllcycle in rice seedlings grown under different light intensities.
16	Mr. Anand Jain	Microbiology	N. B. Bhosale	Bacterial biofilms on non-living surfaces immersed in marine waters
17	Mr. Mondher	Microbiology	N. B. Bhosale	Studies on arabinofuanosidase from Thabit Abdo Numan marine bacteria
18	Mr. Prakash Munnoli	Microbiology	S. Bhosale	Management of Industrial Organic solid waste through Vermi-culture biotechnology with special reference to Micro-organisms

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19	Ms. Vidya Ramachandran	Microbiology	S. K. Dubey	Molecular Biology & Biochemistry of a Tributyltin Chloride Resistant Marine Bacterium <i>Alcaligenes</i> Sp
20	Aneesh A. Lotlikar	Marine Science	H. B. Menon	Analysis of Optical properties and retrieval of water constituents from waters of different optical domains through a visible satellite sensor
21	Paul Jane Theophline	Marine Science	N. Ramaiah	Ecological and experimental analysis of phytoplankton dynamics in the Bay of Bengal
22	Varada S. Damare	Marine Science	Sheshagiri Raghukumar	Ecological Studies and Molecular Characterization of Thraustochytrids and Aplanochytrids from oceanic water column
23	Veronica Fernandes	Marine Science	R. Ramaiah	Mesozooplankton community structure: its seasonal shifts, grazing and growth potential in Bay of Bengal
24	Deepti V Gauns Dessai	Marine Science	G. N. Nayak	Partition Geochemistry of selected elements of sediments from Zuari Estuary, Goa
25	Sanitha K Sivasdas	Marine Science	Baban Ingole	Impact of anthropogenic activities on macrobenthic communities of west coast of India
26	Donna Trella D'Souza Ticlo	Marine Science	C. Raghukumar	Lignin-Degrading Enzyme, Laccase from Marine Fungi; Biochemical and Molecular Approaches
27	Manoj N. T.	Marine Science	A. S. Unnikrishnan	Numerical modeling of tidal circulation and studies on salinity distribution
28	Sree S. Kumar	Marine Science	Shanta Achuthankutty	Study of the Role of Microbes as source and sink of Dimethyl
29	Chindarkar Vaibhav Gajanan	Biotechnology	U. M. X. Sangodkar	Nutritional Status IgE levels and FeeRIB gene polymorphism in Ascariasis and Asthama in an goan population
30	Nandini Santosh Korgaonkar	Zoology	Ashwani Kumar	An epidemiological study on the risk factors responsible for the enhanced receptivity and vulnerability to Malaria in Goa
31	Rocky William Rebello	Commerce	Y. V. Reddy	Corporate Earnings and Stock Returns in India - An Empirical Study
32	Tejashree Colvalcar	Management Studies	N. Mekoth	Impact of Service Channel on Consumer Satisfaction - A study in Health Care Service
33	Bernabas N	Management	N. Mekoth	The Impact of Structural Variables Studies (Autonomy, Decentralization and Formalization) on Market Orientation and Organizational Performance: A Study in Indian Retail Banking Sector

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**GOA UNIVERSITY ANNUAL REPORT 2008-09**

Course	Rank I	Rank II	Rank III
M.A. English	D'Souza Diana Patsy		
M.A. Konkani	Sawant Babita Rayu		
M.A. Hindi	Salgaonkar Prashila Uttam	Salunke Priya Purushottam	Naik Bindiya Bablo
M.A. Marathi	Aiya Hemant Balkrishna		
M.A. Portuguese	D'Lima Monica Marise N.		
M.A. Eco.	Madeira Clen	Naik Nilesh	
M.A. History	K. Bambolkar Shodhan R.	Rebello Jasmina C.	Shet Shirodkar Shobha G.
M.A. Geography	Fernandes Renzilla	Ghatage Kishore Y.	Deuskar Shailaja Arun
M.A. Sociology	Fernandes Rosaria	Fernandes Lorraine Y.	
M.A. Pol. Science	Kamat Prajakta Sadanand		
M.A. Psychology	Fernandes Natalie	Desouza Karl Francis	Pereira Anna
M.Sc. Zoology	Jadhav Trupti D.	Correia Jolanda Francisca	Luis Goretti
M.Sc. Botany	Bhonsle Shilpa J.	Kandolkar Meenakshi S.	Bandodkar Shweta S.
M.Sc. Microbiology	Jain Rezula Anil	Fernandes Milgen Sheryl	Achari Gauri Anil
M.Sc. Mr. Biotech.	Kaveri Sidhu	Tanushree Vishnoi	Naik Aduja Damodar
M.Sc. Mr. Science	Baragi Lalita Vithal	Rivonkar Supriya D.	Kamat Eesha S.
M.Sc. Mathematics	Nayak Shruti Bhaskar		
M.Sc. Electronics	Nazareth Ingrid Anne	Mendes Florence Anna G.	Saldanha Amanda May M.
M.Sc. Org. Chem.	Pai Vranda Ramchandra	Hodage Ananda Shamrao	Patil Nutan Pundalik
M.Sc. Inorg.Chem.	Rane Gayatri Koyar	Naik Swati Suresh	
M.Sc. Phy. Chem.	Jisa Jose	Naik Mamata Chandrakant	
M.Sc. Physics	Patil Laxmi Appaji	Sandhya Kumari	
M.Sc. Geology	M. I. Treesa		
M. Sc. I. T.	Melissa Grizilda Rodrigues	Barve Yashoda Narayan P.	Melissa Bettcy Almeda
M.C.A.	Dev Gautam Gangadhar	Soares Jeremy Austine	Lobo Sylvan
M.Com.	Keni Sona Suhas	Rodrigues Annie	D'Souza Atasha Diana
M.F.S.	Pereira Mable Carlota	Palekar Pallavi Sadanand	Sequeira Jennifer Catherine
M.B.A.	Dhume Vishwas V.	Nevgi Kalpesh Balkrishna	Maya L. Sinai Dempo
LL.M.	Kulsum Alia Agha	Nevrekar Meena Santosh	Varpekar Neema A.
M.Pharm	Kanekar Swati Ulhas	D'Souza Marilyn Joan V.	Mandlik Satish Karbhari

## **PART 4: GENERAL ADMINISTRATION**

### General Information

The University has taken up construction activity for various works at the campus. The major projects undertaken and completed are as follows:-

1. International Students Hostel.

The following work is in progress:

1. The compound wall for University.

The following works are being processed and due to start shortly:

1. Hostel for Academic Staff College.
2. Silver Jubilee Hall
3. Health Centre
4. Fitness Centre
5. Women's Hostel

Painting, water proofing and maintenance works for our various buildings have also been taken up.

The following works being executed by GSIDC are in progress and are nearing completion:

1. Construction of Science Faculty block.
2. Construction of Boys Hostel.

### Computerisation and IT Infrastructure on the campus

The Computer Centre processed all University results during the year 2008-2009. The degree certificates as well as other University certificates, issued at the Convocation, were designed and printed at the Computer Centre. The Computer Centre also extended various IT related services to the students, teachers and general administration.

The Centre has been managing the entire campus network as well as the Internet services which are being upgraded in a continuous process. The wired and wireless network was extended at various departments and other places as per need. The total Internet bandwidth was upgraded to 6 MB by acquiring additional 2 MB. The Internet Backbone provided through fiber optics cable was enhanced to 1 Gbps link. This definitely improved the browsing speed. For better connectivity and enhanced security, the University LAN was divided into various department-wise subnets with routing facility through Layer 3 Switches placed at core junctions. Thus viruses, effecting due to Packet Broadcast, were contained within the respective departments and the exposure of a PC Client on the LAN was restricted within the department.

The Moodle server maintained by the Computer Center was upgraded to the latest version, which provided enhanced facilities to the teachers and the student community. The internet server room was shifted to Computer Centre which provided a better control on the internet facilities.

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### Conduct of Examinations (NOT RECEIVED)

The University conducted examinations in 28 Bachelor's degree programmes, 38 Master degree programmes and 4 Post Graduate diploma programmes during the year 2007-2008. Altogether 6048 students appeared for these examinations out of which 5443 passed.

The University awarded 28 Ph. D. Degrees in different subjects during the academic year 2007-08.

### Library

Goa University Library and the Information Resource Centre was established in the year 1985. It was then the part of the 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 from the modest collection of books.

At present library has a collection of 126558 no. of books and 8500 volumes of bound journals. The library is subscribing to 424 periodicals of out of which 148 are foreign journals. The library is getting a large number of publications on gratis too.

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

INTRANET link : <http://192.168.101.30:9095/gulibrary/index.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 will answer most of the questions of the users.

### UGC-INFONET CONSORTIA:

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

INTRANET link: <http://www.inflibnet.sc.in/econ/search.html>

INTERNET link for jcce@ugc-infonet:

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

### DELNET SERVICES

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

### INTERNET BROWSING FACILITY

Library have thirty computers connected to the Internet, which the faculty and students can use for browsing the Internet. We have 2mbps broad band connection in the campus with Wi-Fi access.

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## Students Sports Activities

Inter-collegiate sports championships were organized by Goa University during the year 2008-09.

Event	Zone	Venue	Performance
Swimming (Women)	All India	Mumbai (Maharashtra)	Won 2 Silver Medals
Football (Men)	West Zone	Goa	Winners

Organisation of Inter-University Championship during the Year 2008-09:

Goa University has organised the West Zone and All India Inter-University Football Championship 2008-2010 for Men in Goa. A total of 42 Universities from Rajasthan, Gujrat, Madhya Pradesh and Maharashtra participated in the West Zone Championship whereas 16 top teams from East Zone, North Zone, West Zone and South Zone took part in the All India Inter-University Championship.

Positions	West Zone	All India
First	Goa University, Goa	Mizoram University, Mizoram
Second	Pune University, Pune	Punjabi University, Patiala
Third	Barkatullah University, Bhopal	Calicut University, Calicut
Fourth	Mumbai University, Mumbai	Punjab University, Chandigarh

## Directorate of Students' Welfare and Cultural Affairs

DSW committee comprising Dr. D. B. Arolkar, Shri Teotone Vaz, Dr. N. S. Bhat and Shri Ramdas Karmali was appointed w.e.f. 23/10/08 to look after the inter-university and inter-collegiate cultural activities of undergraduate and post-graduate students.

Shri Alberto Fernandes, Assistant Registrar III, was appointed w.e.f 15<sup>th</sup> Dec., 08 to look after the administrative work of the DSW.

1. Election to the Executive Body of Post Graduate Students' Union 2008-09 was held on 19<sup>th</sup> September, 2008.
2. Election to the Executive Body of Goa University Students' Council 2008-09 was held on 25<sup>th</sup> September, 2008.
3. Inauguration of Post Graduate Students Union was held on 14<sup>th</sup> January 2009, at the hands of the Cultural Co-ordinator, Ramdas Karmali and Alberto Fernandes, Assistant Registrar III.
4. Inter-Departmental Singing Competition was organized on 14<sup>th</sup> January, 2009 for the Post-Graduate students of all departments. 43 students took part in this competition.
5. Plateaunica 2008-09 was organized on 25<sup>th</sup> 26<sup>th</sup> & 27<sup>th</sup> February in the Faculty Enclave, Goa University. The Plateaunica was organized to bring together all Post-Graduate students and to enable them to test their creativity and talents in the fields of Arts, Culture and Music. Several on-stage and off-stage events were held.
6. Student Aid Fund: Financial assistance was given to the deserving Post Graduate students to meet their educational expenses. 28 students were covered under this scheme.
7. As in the past, during 2008-09 also the Students' Safety Insurance Scheme of New India Assurance Company Ltd. was made available to the Post Graduate/Under-Graduate students of Goa University and the staff of the affiliated colleges.

## Publication Unit & Statistics Cell

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The Publication Unit handles work related to various publications of the University such as Annual Report, Annual Handbook, Pocket Telephone Directory, Monthly News Bulletin and a few occasional publications. The Public Relations office arranges press releases and compiles reports appearing in various local dailies on activities of the University and its affiliated colleges.

The Public Relations section has also established a Statistical Cell as per the directives of the University Grants Commission.

### **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. Teachers occupy a key position in the education system. The quality, competence and the character of teachers are of utmost importance. They influence the standard of education and thus contribute to national development. The teachers are expected to function as effective instruments of development and social change.

The UGC-ASC came into being with the overall objective of acting as an agency to bring about changes and development in education. It is meant to involve itself in the improvement in management of Higher Education, and to bring about a closer linkage between the society and Higher Education through meaningful study and research.

The UGC-ASC at Goa University came into existence in February 1988. It has been conducting Orientation Courses since its inception. In addition to Orientation and Refresher Courses, the UGC-ASC has been organizing Seminars/Conferences and other academic activities regularly.

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 into the use of other technologies. Refresher Course participants are trained to use software packages pertaining to their particular disciplines. So far the UGC-ASC has completed 77 Orientation Programmes and 160 Refresher Courses, covering 2652 and 4664 participants respectively. During the year 2008-09 it conducted two Orientation Programmes and 10 Refresher Courses in Commerce, Life Sciences, Environmental Sciences, Physical Education, Marathi, Mathematics, Electronics, Chemistry, Interdisciplinary Refresher Course in Social Sciences and Special Summer School in Basic Sciences.

### **College Development Council**

#### **I] PROPOSALS FORWARDED TO UGC**

##### **(a) MINOR / MAJOR RESEARCH PROJECTS OF UGC SCHEME:**

- a. G.V.M.'s College of Commerce and Economics, Farmagudi, Ponda, Geetanjali C. Acrekar, An Analysis of Foreign Tourism in Goa, Sulaxana R. Vernekar, Feasibility, Design and Development of smart soil monitoring system.
  - b. Govt. College of Arts, Science & Commerce, Quepem, Purva G. Hegde Desai, Complaint Redressal in Tourism Sector in Goa, R. Sathish, Case study analysis of social, economical and financial impact of 'Shacks in Goa', Parasharam A. Patil, Bancassurance: An Emerging Distribution Channel in Public sector Insurance Companies – An Empirical Study.
  - c. Dnyanprassarak Mandal's College of Arts, Sou. Sheela Premanand Vaidya College of Science & V.N.S. Bandekar College of Commerce, Assagao, Bardez, Umesh B. Gawas, Influence of the substitution of Cu and Mn on Magnetic, electric and dielectric properties of  $\text{Ni}_{0.6-x}\text{R}_x\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$  (R=Cu, Mn and  $x=0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6$ ).
  - d. Smt. Parvatibai Chowgule College of Arts & Science, Margao, Nandini Vaz Fernandes, Paternal
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Alcohol Consumption: Its Effect on the Off-spring Genetic and Pathological Evaluation of Sperms.

Anagha D. Dichlokar, Velips in Goa - Their Society, Problems and Prospects.

- e. P.E.S. College of Arts & Science, Farmagudi, Ponda, Vishwanath D. Vaze, Use of Carbon Paste Electrodes in Potentiometric Determination. Carolina F.E. Fernandes, Exopolysaccharides from hypersaline habitats. Teja A. Gramopadhye, Ant Faunal Diversity in Bondla Wild Life Sanctuary, Goa, Bhagyashri L. Halarnkar, Plant Diversity & Hindu Sanskar, Sima V. Kamat, Fungal Diversity of Fresh Water Wetlands of Goa, S.H. Bhosale Biodiversity of soil dwelling roarthropods in Goan Mangroves, Ranjita U. Sawaikar, Eutrophication study of various fresh water bodies in Goa, Harsha P. Uskaikar, Synthesis and characterization of polymeric nanocomposites. Brenda Barreto, Spectrophotometric Study of Complexes by Jobs Method.
- f. Govt. College of Arts, Science & Commerce, Khandola, Marcela, S.M. Gurav, Synthesis and characterization and Study of Electrical & Magnetic Properties of Nanostructured mixed ferrite Materials.
- g. Fr. Agnel College of Arts and Commerce, Pilar, Milind Mhamal, 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

Elizabeth Joy Henriques, Rajay Pawar, Annie F. D'Souza, Govt. College of Arts, Science & Commerce, Quepem, Goa.

Savio Da Pisdade Falleiro, Rosary College of Commerce & Arts, Navelim, Goa.

Padmaja V. Kamat, P.E.S.'s Shri Ravi S. Naik College of Arts & Science, Farmagudi, Ponda, Goa.

Aldina Braganza e Gomes, Carmel College for Women, Nuvem, Goa.

Dileeta D'Costa, Government College of Arts, Science & Commerce, Khandola, Marcela, Goa.

Jhimli Adhikari, Narayan Zantye College of Commerce, Bicholim, Goa.

(c) HUMAN RIGHTS EDUCATION

1. V.M. Salgaocar College of Law, Miramar, Panaji. (a) Foundation Course in Human Rights Education (b) Certificate Course in Human Rights Education (c) Developing Advocacy Skills by Human Rights Moot Court. (d) Two day seminar/conference on Human Rights.
2. S.V.'s Sridora Caculo College of Commerce & Management Studies, Certificate Course in Human Rights Education.
3. Fr. Agnel College of Arts and Commerce, Pilar, Goa. Promotion of Human Rights Standards, Social Concerns and Human Development.
4. G.R. Kare College of Law, Margao, Proposal for seminar on the theme 'Human Rights Education.'

(d) ESTABLISHMENT OF UGC NETWORK RESOURCE CENTRE

1. Fr. Agnel College of Arts and Commerce, Pilar, Goa.

(e) POST DOCTORAL FELLOWSHIP 2008

1. Shree Damodar College of Commerce & Economics, Margao, Goa, Smt. Manasvi Manoj Kamat

(II) PROPOSALS ACCEPTED BY UGC :

(A) MINOR / MAJOR RESEARCH PROJECTS OF UGC SCHEME

1. Shree Damodar College of Commerce & Economics, Margao, I. Bhanu Murthy, Sustainable Waste Management: An Integrated Approach Towards Margao Municipal Area."
  2. Govt. College of Arts, Science & Commerce, Quepem, Goa, Purva G. Hegde Desai, Complaint Redressal in Tourism Sector in Goa; Rajay R. Pawar, The Poetry of Dr. R.V. Pandit: A Critical Study; A. A.
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- Mangutkar, Nature of Marathi Poetry in Goa during 1961-2000; R. Antony Sathish Benadict, Analytical Study of Social Economic and Financial Impact of Shacks in Goa.
3. S.S. Dempo College of Commerce & Economics, Altinho, Panaji, Smt. S.B. Kamat, Exotic Village Tourism in Goa – Case Study of the Village of Saligao in Candolim.
  4. G.V.M.'s College of Commerce and Economics, P. B. No. 102, Farmagudi, Ponda, Goa, Geetanjali C. Acrekar, An Analysis of Foreign Tourism in Goa.
  5. Sridora Caculo College of Commerce & Management Studies, Mapusa, S. B. Patkar.
  6. Dhempe College of Arts and Science, Miramar, Panaji, Maria Isabel S.R. Vas.
  7. P.E.S. College of Arts & Science, Farmagudi, Ponda, Goa, Sunita R. Borkar, Siderophore producing Alkaliphiles and Halophiles from marine/coastal ecosystems.
  8. Smt. Parvatibai Chowgule College of Arts & Science, Margao, Uma Masur, Efficacy of extracts of *Dysoxylum Malabaricum* leaves against malaria vector *Anopheles stephansi*.
  9. St. Xavier's College, Mapusa, Bardez, Alice D'Cruz, Impact of Contemporary Technologies on the Usage of the English Language: A Case Study of Goa.
  10. M.E.S. College of Arts & Commerce, Zuarinagar, Maria Rodrigues, General Elections 2009 – A Behaviourial study of Political Attitudes and Opinion in Goa. (Major)

(B) CAREER ORIENTED PROGRAMME

1. G.V.M.'s College of Commerce and Economics, Farmagudi, Ponda, Practical Accounting & Allied Laws.
2. Govt. College of Arts and Commerce, Pernem, Journalism.

(C) FACULTY IMPROVEMENT PROGRAMME

Vikas J. Pissurlekar, P.E.S. College of Arts and Science, Farmagudi, Ponda, Goa.

(D) TRAVEL GRANT TO COLLEGE TEACHERS FOR PRESENTING PAPERS IN INTERNATIONAL CONFERENCE(S)

1. Kamladevi Ravindra Kunkolienkar, P.E.S. College of Arts and Science, Farmagudi, Ponda, Inalienable Pan-Indian Tantric Eco-Feminist.XXII World Congress of Philosophy.

(E) HUMAN RIGHTS EDUCATION

1. P. E.S. College of Arts and Science, Farmagudi, Ponda, Certificate Course.

## 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.

2780 patients were provided medical aid at the clinic during the year 2008-09.

## **PART 5: AFFILIATED COLLEGES**

### **List of Affiliated Colleges**

(a) Non-Professional Colleges

1. Dhempe 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. P. 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. Mahadeorao 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, Ponda
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, Ponda
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. P. E.S. College of Pharmacy Education & Research, Farmagudi, Ponda

## **NON-PROFESSIONAL COLLEGES**

### **5.1 Dhempe College of Arts & Science, Panaji.**

Year of Establishment: 1962.

Principal's Name and Contact Address: S. V. Deshpande, Dhempe College of Arts & Science, Panaji.

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

Courses offered & sanctioned strength: B. A.-160, B. Sc.- 160, B. Sc. Biotechnology- 30, B.Sc. Fire Technology - 25, B.Sc. Computer Science- 20.

Faculty: 64.

Sports achievements (other than Goa University events)

Kanchan Ramanujan of S.Y. B. Sc. won a Silver medal at Inter-Collegiate Athletic Meet 2008-09.

Lokesh Gudlar and Ryan D'Souza, Two students were awarded as the best outstanding sports persons for the year 2008

Conference/Workshop organized

1. Sustainable Management of agriculture- Changing Scenario in 21<sup>st</sup> Century Zoology and Botany Dept., Funding Agency Directorate of Agriculture, Govt. of Goa, 5<sup>th</sup> and 6<sup>th</sup> Feb., 09.
  2. Software Engineering(Comp. Science Dept), 27<sup>th</sup> Apr., 09.
  3. T. Y. B.Sc. Biotechnology Syllabus-Scope and Limitations" (Biotechnology Dept.) 21<sup>st</sup> and 22<sup>nd</sup> Aug.,
-

2008.

4. Scope and importance of revised syllabi in Geology at undergraduate level(Geology Dept), 8<sup>th</sup> Dec., 2008.

Publications	Foreign	Indian
Research papers in journals	-	8
Conferences/Seminars/Workshop attended		
Outside Country	Within the Country	Within Goa
2	11	34
No. of teachers who obtained research degree during the year		
M. Phil.	Ph.D.	
3	4	

#### Awards/Honours and Special Achievements

Shrikant V. Deshpande was nominated as the Vice-Chairman, Indian Society for Training and Development, Goa Chapter.

K.G. Hiremath was nominated as the Chairperson of WWF- India, Goa Chapter.

Kiran Popkar, NCC Officer, was awarded with Appreciation Certificate and Trophy for the excellent performance for National Integration Camp(NIC) Quepem by the Deputy Director General.

Prajay Sakhardande received Best Concerned Citizen Award by Big 92.7 FM Channel.

#### Achievements by Students:

Manik Kunkolienkar of T.Y. B.Sc. Biotechnology scored highest marks among all candidates at the T.Y. B. Sc. examination Apr., 09.

In the Inter Collegiate Debate Competition organised by Govt College of Arts Science & Commerce, Khandola, Tulsidas R. Pai won the Best Speaker Award.

Aditya Watve, Sneha Pednekar and Danica Cabral were the winners at Vishwanath Lawande Memorial Trust's All Goa Inter Collegiate Quiz Competition.

In the Inter Collegiate Bizz-Buzz organised by Damodar College, Margao, Navdeep and Nazio won the first place in Philosophy. Priyanka and Sunaina won the first place in Ad-attack.

In the Inter-Collegiate Elocution competition Kanchana Ramanujan secured the 1st place.

In the Inter Collegiate Disha 2009 organised by Sri Sri Institute of Management Studies, Margao, Tulsidas Pai and Shweta Deshpande participated in Business Quiz and Debate and won the Best Team Award.

In the Inter Collegiate Debate Competition organised by Law Students' Forum of V. M. Salgaocar College of Law, Miramar, Tulsidas R. Pai won the 1<sup>st</sup> place.

NSS volunteer Rashmi Pathak attended the prestigious Republic Day Camp in Delhi in Jan., 09.

## 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, Smt. Parvatibai Chowgule Cultural Foundation's College of Arts & Science, Margao.

URL: [www.chowgule.ac.in](http://www.chowgule.ac.in)

Courses offered & sanctioned strength: B.Sc.- 240, B.A. - 160, M.A.(Geography) - 20, M.Sc. (Information Technology) - 20.

Vocational: Electronics Equipment Maintenance-30, Computer Applications-30



Faculty strength: 62.

#### Achievements of the College

The College was assessed and accredited by National Assessment and Accreditation Council (NAAC), Bangalore, an autonomous body of University Grants Commission (UGC) with Grade 'A' with Cumulative Grade Point Average (CGPA) of 3.29 out of four.

#### New courses started

- 1) B.Sc. Degree Course in Biotechnology (2) B.A. Degree Course in Psychology (3 Units) (3) Post Graduate Diploma in Human Genetics & Pathology Techniques.

#### Sports achievements

- a) Francisco Colaco, Salvador Fernandes, Francisco Fernandes, Elton Santimano and Elroy Pinto represented Goa State in National Handball Championship in Men's category.
- b) Trima Gomes, Valency D'Silva and Luiza D'Silva represented Goa State in Women's National Handball Championship.

#### Conference/Workshop organized

Intensive Training Workshop in Basic Skills in Research organised by department of Geography from 6<sup>th</sup> - 16<sup>th</sup> June, 08.

One day workshop "Preparation for NET/SET in Geography" organised by department of Geography on 16<sup>th</sup> June, 08.

Three days Intensive Training Workshop in "Digital Image Processing" organised by department of Geography from 11<sup>th</sup> - 13<sup>th</sup> Aug., 08.

Two-days workshop on "Agile Methodology" organized by Department of Computer Science in collaboration with Agile Foundation and CSI (Goa Chapter) on 25<sup>th</sup> - 26<sup>th</sup> Sept., 08.

The Department of Hindi organised UGC sponsored National Seminar on "Kaalji ki avdharana aur Hindi upanyas" in the month of Oct., 08.

One-day workshop on 'Enhancement of Geography: Learning and Professional Aptitude' was organized on 4<sup>th</sup> Dec., 08.

Two-days workshop on 'Computer based Cartography and DTP' was organized on 9<sup>th</sup> & 10<sup>th</sup> Jan., 09.

Department of Economics organised UGC sponsored National Seminar on "Contemporary Tourism Development: Issues and Challenges with special reference to Goa" from 12<sup>th</sup> - 14<sup>th</sup> Feb., 09.

Publications	Foreign	Indian
Research papers in journals	1	05
In Edited Books	-	06

#### Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	14	10

No. of teachers who obtained research degree in the year

M.Phil.	Ph.D.
01	02

#### Awards/Honours and Special Achievements

- a) Sergeant (Sgt) Rhythm Warik represented Goa at the Republic Day Parade held at Delhi. She was one of twenty five cadets selected from all over India for the Guard of Honour to the Prime Minister.
- b) The Department of Geography invited the National Fellow Prof Rais Akhtar (Kashmir) - Member

- of the IPCC who won the Nobel Peace Prize, 2007 to deliver a series of lectures to postgraduate students on Global Climatic Changes and Health in the month of Dec.,08.
- c) Marie-Lise Blain, Head of Writing Cell of Ottawa University, and Mr Martin Holock, Advisor at the writing cell of Ottawa University helped the college in establishing “Writing Cell”, first of its kind in India.
  - d) Alison from Cambridge University delivered a lecture on preparing students for Business English Certificate course.
  - e) Chowgules Human Genetic Research Lab” is the first of its kind in Goa. The lab was established in July, 08 at our college. It has world class equipments for genetic testing, diagnosis and pathological tests.
  - f) Animesh Adhikari submitted his Ph.D. thesis titled “Knowledge Discovery in databases with emphasis on multiple large databases”. His research related work has earned him a place in Marquis “Who’s Who in the World” Edition 2009.
  - g) Memorandum of Understanding with the Instituto Camões, Portugal under the Foreign Ministry of Portugal, to establish our Centre for Portuguese Language & Culture (CPLC).
  - h) “The Chowgule Sports & Fitness Centre” and “Chowgule Orthopedic & Sports Medicine Centre” was inaugurated.

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

Year of Establishment: 1963.

Principal’s Name and Contact Address: Walter de sa, St. Xavier’s College of Arts, Science and Commerce, Mapusa.

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

Courses offered & sanctioned strength: B. A.-180, B. Com.-180, B. Sc.-180, M. A.-60, M. Com.-60, M. Sc.-40, B.C.A.-120, B.B.A.-90, and B.T.T.M.-90.

Faculty Strength: 113.

Achievements of the College:

Bagged the Outstation Trophy at Kaleidoscope ’08, organized by Sophia College, Mumbai, on 10<sup>th</sup> Aug, 08.

Won the 2<sup>nd</sup> Place at Bizbuzz – an Inter-Collegiate Commerce Fest, hosted by Damodar College of Commerce, Margao, on 13<sup>th</sup> Dec., 08.

Won the overall championship at Pegasus ’08 – an Inter-Collegiate English Literary Fest, organized by Smt. Parvatibai Chowgule College of Arts and Science, Margao, on 13<sup>th</sup> Dec., 08.

B.B.A. students won the 1<sup>st</sup> & 2<sup>nd</sup> place at Orion ’08, at the All Goa Industry – Based Case Writing Competition, in Dec., 08.

Won the overall championship at Tatva ’09 – an Inter-Collegiate Competition, organized by V.M. Salgaocar College of Law, Miramar, on 7<sup>th</sup> Feb., 09.

Won the first place at the Essay Competition – “Water Crisis on Earth: Problems and Remedies”, organized by the Department of Science, Technology and Environment, Goa, on 10<sup>th</sup> Feb., 09.

Won the overall championship at Vistara ’09 – an Inter-Collegiate Competition, organized by Goa College of Architecture, Panaji, on 14<sup>th</sup> Feb., 09.

N. C. C. (Boys):

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Secured 1<sup>st</sup> Place in Drill Competition, 1<sup>st</sup> Place in Volleyball Competition, 1<sup>st</sup> Place in Cricket Competition, 1<sup>st</sup> Place in Cross-Country Competition, 1<sup>st</sup> Place in Firing Competition and 1<sup>st</sup> Place for Best Contingent, at the Annual Training Camp held at Government College, Quepem, from 25<sup>th</sup> Oct.,- 3<sup>rd</sup> Nov., 08.

Best Cadet Prize of the year was awarded to SCUO Amit Naik, JCUO Ravi Rathod and JCUO Pradnya Chari.

Sgt. Eshan Usapkar and Cpl. Aston Singh won the 1<sup>st</sup> & 2<sup>nd</sup> place at the all Goa Lecturrete Contest, organized by Ex-NCC Cadets Organization at Government College of Arts, Science & Commerce, Quepem, Goa, on 13<sup>th</sup> Sept., 08.

Cadets participated in the Quarter Guard to give Guard of Honour to Comder Babu V.M., Dy. D.G. N.C.C. Directorate, Karnataka and Goa, at St. Inez, Panaji, Goa, on 23<sup>rd</sup> Sept., 08.

N.C.C. (Girls):

Secured 1<sup>st</sup> Place in Guard of Honour, 1<sup>st</sup> Place in Quiz and 1<sup>st</sup> Place in Group Singing at the Annual Training Camp, held in Dec.,08.

SUO Sonal Ambekar of First Year B.A. was chosen as the Republic Day Parade Commander at Rajpat, New Delhi, in Jan.,09.

Cadet Neha Salkar of Second Year B.Com. was awarded the Best Cadet from Goa-Karnataka group, at the Republic Day Parade in Jan.,09.

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

Conference/Workshop organized

Two day Faculty Enrichment Programme titled, "Education to Peace and Communal Harmony", was organized by St. Xavier's College of Arts, Science & Commerce, from 19<sup>th</sup> to 20<sup>th</sup> Mar., 2009.

A State level Workshop on "Combating Terrorism: A Call for Action", sponsored by (Abbé Faria) Postgraduate Department of Psychology, St. Xavier's College of Arts, Science & Commerce, on 28<sup>th</sup> Feb.,09.

Publications:	Foreign	Indian
Research papers in journals	-	-
In Edited Books	-	1
Books	-	-

Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	01	01

No. of teachers who obtained research degree during the year

M. Phil.	Ph.D.
10	06

#### 5.4 S S Dempo College of Commerce and Economics, Panaji.

Year of Establishment:1966.

Principal's Name and Contact Address: S. V. Deshpande, S.S. Dempo College of Commerce and Economics, Altinho, Panaji - Goa.

URL: [www.ssdepocollege.com](http://www.ssdepocollege.com)

Courses offered & sanctioned strength: B. Com.- 800, M.Com.-60, & B.B.A. - 90

Faculty strength: 13.

Teachers deputed for higher studies under FIP: 01.

Sports achievements:

The following players represented for the west zone inter university tournament.

Basket Ball: Ishaque Naroo, Russel Fernandes, Abrahim Menezes, Ilyas Naroo, Suyal Mulla, Precy Fernandes.

The following players represented Goa State in various games.

Tennis Ball: Tushar Diukar and Mahesh Kandolkar

National Net Ball: Umesh Fatorepekar

Soft Ball: Manisha D'Souza

Tushar Narvekar represented Goa State in the Gulam Ahmed Cricket Tournament.

Publications	Foreign	Indian
Research papers in journals	-	1
In Edited Books	-	-
Books	-	2

Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
02	-	42

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

Year of Establishment: 1964.

Principal's name and contact address: Sr. Emma Maria A. C., Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete – Goa.

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

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

Faculty strength: 39.

Achievements of the College:

Jasmine D'Souza was awarded Late Shri Peter Alvares Scholarship for scoring the highest marks in History(TYBA) at University level

Suzette Savia A. Pereira was awarded G.D. Parikh Memorial Scholarship, Late Shri Dilip Kumar Rayu Mhambre and a Gold Medal for highest marks in Political Science(TYBA) at University level.

Elaine T. Dias was awarded Tasneem Fazal Gold Medal for scoring highest marks in Physics (TYBSC) at University level.

An automatic Weather Station gifted by ISRO valued at Rs 4.00 Lakhs has been installed in our college campus.

Conferences/Workshops organized

The Department of Botany organized UGC sponsored national workshop on "Techniques in Plant Taxonomy"(September 18<sup>th</sup> - 20<sup>th</sup> Sept.,08).

The Biodiversity cell of Department of Zoology in association with the Chennai based CPR environment Education Centre organized a state level seminar on “Ecological traditions of Goa” .

Publications	Foreign	Indian
Research papers in journals	-	1
Conferences/Seminars/Workshop attended		
Outside Country	Within the Country	Within Goa
-	05	34

No. of teachers who obtained research degree during the year

M. Phil.	Ph.D.
-	02

Other Information: (Awards/Honours and Special Achievements)

Activities conducted:

All Goa Inter-Collegiate Debate competition on the topic “Religion should dictate our Thoughts, Words and Deeds” was held on 30<sup>th</sup> Aug.,08.

All Goa Inter-Collegiate Street Play competition and one day HIV/AIDS Awareness programme on ‘Medico-Legal Gender Sensitization’ was organized in association with Goa State Commission for Women and Goa State AIDS Control Society on the 29<sup>th</sup> of Sept.,08.

The Department of Economics and Commerce organized an All Goa Intercollegiate Quiz contest “Know AIDS for No AIDS” on 9<sup>th</sup> Dec.,08 in association with the Goa State AIDS Control Society.

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

Year of Establishment: 1972.

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

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

Courses offered & sanctioned strength: Arts - 480, Commerce - 740, B.B.A.-132 and B.C.A.-208.

Faculty strength: 33.

Achievements of the College

The College was accredited by National Assessment & Accreditation Council (NAAC) of the University Grants Commission with B++.

NATIONAL SERVICE SCHEME (NSS):

The NSS enrolment for the academic year 2008-09 was 400 volunteers, 130 boys and 270 girls. The NSS unit organised several activities for its members including Vanamohatsov and observation of national integration week.

The Urban Health Centre, Vasco, in collaboration with our NSS unit and Women’s Centre, Jyoti, administered the Rubella vaccination to girl students. Our unit in collaboration with State Family Welfare Department, Directorate of Health Services, organized a function to mark the World Breast Feeding Week. In collaboration with Lions Club of Cortalim and GMC Blood Bank organized a blood donation camp in the college campus.

It also participated in the poster competition organized by Goa University. Deepti Patil and Bhagyashree Tendolkar bagged the first prize for their poster on the theme "Reduce Child Mortality". The NSS Special Camp was held at Government High School, Sal.

#### NATIONAL CADET CORPS (NAVAL):

Naval N.C.C. activities for the year 2008-09 started with recruitment drive. This year the college enrolled 15 new SW Cadets, and 23 new SD cadets. The unit achieved 100% result in 'B' & 'C' Certificate Examination.

Achievements of our Naval N.C.C. cadets

In All India Nausanic Camp, Rahem Walaker (SD) & Deepika Kaur (SW) reached final phase at Vishkapatnam.

Ocean Sailing Expedition AQUAOB - 3<sup>rd</sup>-12<sup>th</sup> Oct., 08 organized along the coast of Goa & Maharashtra. 5 cadets of our college with ANO participated in this rare adventurous activity.

3 SW cadets participated in All India Girls camp at INS, Mandovi. P.O. Rashmi Bajpai won the gold and silver medal in cross country and 200 meters.

In ATC OB at St. Anthony Institute, Mapusa, Dhuler, 23 cadets participated. For three consecutive times, college cadet Karamjeet Singh was selected for the rank of senior cadet captain.

Senior Cadet Captain Karamjeet Singh and Cadet Captain Vineet Kumar represented the college at the Advance leadership camp was held Tutikorin, Tamil Nadu from 22<sup>nd</sup> December to 2<sup>nd</sup> January 2009.

#### NATIONAL CADET CORPS (ARMY):

67 boys and 17 girls cadets were enrolled during the current year.

The activities conducted during the year included tree plantation programme, anti-plastic rally, visit to the "Red Ribbon Express", a mobile exhibition on AIDS awareness, and participation in the Annual Training Camp.

On the basis of overall performance, M.E.S. College was declared as the 'Best Institution' and awarded the rolling trophy which is instituted by the Ex-NCC cadets Association. Cadets from the college participated in N.C.C. festival held in New Delhi and won 1<sup>st</sup> place in Quiz, 1500 mts run, and rangoli, and 2<sup>nd</sup> place in debate.

In 'C' certificate, the college has achieved 100% result and in 'B' certificate 90% cadets have passed.

Captain James Christopher was appointed as the Board member for the conduct of "B" Certificate Examination.

#### NATIONAL CADET CORPS (ARMY GIRLS WING):

The NCC Army Girls wing led by Lt. Savia Mendes participated in tree plantation, anti dowry oath and eye donation pledge. Cadet Jyoti Dhargalkar, Cadet Angali Bind and Sumitra Lamani participated in the elocution competition at Government College camp. Cadet Jyoti Dhargalkar excelled at the medical camp organized by the Military Hospital. She stood 2<sup>nd</sup> among the 12 colleges in Goa.

#### Other Information

Two lectures on Entrepreneurship Development were recorded for UGC network by EMRC (Electronic Media Research Centre), University of Pune.

B. V. Kolekar attended a national seminar on Second Generation Reforms in Banking Section Vision 2010 at DMC College, Mapusa on 6<sup>th</sup> & 7<sup>th</sup> Oct., 08 .

Attended XXXI All India Accounting Conference at Gujrat University Ahmedabad and presented a paper on "Capital Market: Trends in India and Abroad" on 22-23rd Nov., 08.

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Vasant V. Sail, presented a paper titled "Wealth Creation through Sovereign Wealth Funds: Some Issues" at the National Conference held at Gujarat University, Ahmedabad on 22-23<sup>rd</sup> Nov., 08 jointly organized by the Indian Accounting Association and S. D. School of Commerce, Gujarat University.

Sanchiliana Britto, presented a paper on "Stress Management in the Service Sector" at Dhule College, Maharashtra in the month of 23<sup>rd</sup> Nov.,08.

Rochana Kharangate presented a paper on "HRM in Services Sector: A study of Virtual Teams" at UGC sponsored national level seminar organized by Department of Commerce and BBM, Zulal Bilajirao Patil College of Commerce and BBA, Maharashtra on 24-25<sup>th</sup> Nov., 08 .

Organized a state level seminar on "Mutual Funds in India: Emerging Issues and Prospects" on 11<sup>th</sup> Oct.,08.

Ashish M. Joshi, attended NSS Pre-Republic Day Camp at Vyara Gujrat and was the contingent leader for Goa state 4<sup>th</sup> November to 13<sup>th</sup> Nov.,08.

COMMERCE ASSOCIATION: Talk on Career Orientation in Company Secretary Course on 1<sup>st</sup> July 2008.

Organized a state level seminar on "Mutual Funds in India: Emerging Issues and Prospectus" on 11<sup>th</sup> Oct., 08 for academicians and investors in Goa.

R. B. Patil was a resource person at the inter-disciplinary refresher course in Social Sciences at Academic Staff College, Goa University. He spoke on "The Role of NGOs in Social Development" .

Sonal Thakker presented a paper "Migration and Social Conflict: An Analysis of Some Cases" at the national seminar organized by St. Xaviers College, Mapusa in Apr.,08.

Maria Rodrigues attended a workshop on National Election Survey 2009 organized by CSDS, Delhi. She was the coordinator for CSDS / CNNIBN state of the Nation Survey Jan., 09.

PLACEMENT CELL: Campus training workshop called 'Resurge X' organized through Resurge Management Consultants Pvt. Ltd on 4<sup>th</sup> Oct., 08.

DEPARTMENT OF ECONOMICS: The Economic Association of the Department of Economics organized 'ECOFEST-09' on 9<sup>th</sup>-10<sup>th</sup> Jan.,09.

Shivani Shirodkar and Champa R. Parab from Commerce Department presented a joint paper on "SEZ and its Implications for the State of Goa" at the National Conference held at NESS Wadia College, Poona on 18<sup>th</sup> - 19<sup>th</sup> Feb.,08.

Rekha R. Gaonkar Presented a paper on 'Economic Globalization and Empowerment of Women' at the 8<sup>th</sup> International Conference of the International Society for Third Sector Research held at University of Barcelona, Spain in July 2008. She received travel grants from Ford Foundation, U.S.A., to participate this conference.

Rekha Gaonkar has also obtained a grant of Rs. 5,47,300/- to undertake a major research project entitled "Sustainable Development" Through Self-Help Groups" in Apr.,08.

DEPARTMENT OF ENGLISH: 'Journalism' was introduced for the first time at the S.Y.B.A. level. Twenty seven students of journalism attended a day workshop as a part of their on the job training. The workshop was conducted by the Murgaon Patrakar Lekhak Sangh, where the students gained first hand experience with the various matters related to the newspaper printing.

DEPARTMENT OF TRAVEL & TOURISM: The department of Travel & Tourism celebrated World Tourism Day on 27<sup>th</sup> Sept., 08 with a special focus on Ecotourism.

DEPARTMENT OF PSYCHOLOGY: A workshop on 'Building Life Skills' by Pravin Sabnis was

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organized for the college students in order to help them connect with their passion and potential.

#### BACHELOR OF COMPUTER APPLICATION (B.C.A):

About 39 candidates from various schools and higher secondary schools of Vasco are being trained in the college, by BCA Teachers and Education Technology teachers.

One project group of T.Y.B.C.A participated in IBM National contest called “The Great Mind Challenge” : Under the guidance of Mr. Bhiku Bhawe and special mentoring from Mr. Harish Usgaonkar Software Engineer NE Technology, Verna, and Prasad Gawas, Software Engineer, Sapana Technologies, Panjim. The project title “Online Multiple Choice Test (OMCT) was submitted to IBM and was selected for the second round, i.e., face to face presentation.

#### Sports Achievements

Sports Excellency Center was formally inaugurated by S. R. Yadav, President of Senior Citizen forum of Vidyanagar, on 19<sup>th</sup> Feb.,09 .

#### Conferences/Workshops organized:

ECOFEST: Three day National Seminar for student titled “The Knowledge Economy of India: Emerging Issues and Prospects”, Corporate Sponsorers, 7<sup>th</sup> Feb., 08 -09<sup>th</sup> Feb., 08.

KONKANI SEMINAR: One day state level seminar titled “Konkani Literature, Culture & Society”, organised in association with Goa Konkani Academy & ICSSR, Mumbai, 21<sup>st</sup> Feb., 08.

CHILD SEMINAR: One day state level Seminar titled “Child: Vulnerable Section of the Society”, ICSSR, UGC, 5<sup>th</sup> Mar., 08.

SOLID WASTE MANAGEMENT SEMINAR: Two days National Seminar titled “Solid Waste Management for Sustainable Environment: Integrated Management Techniques-Phase II, Corporate Sponsorers, 25<sup>th</sup> -26<sup>th</sup> Apr., 08.

Publications	Foreign	Indian
Books	-	1

#### Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	8	22

#### No. of teachers who obtained research degree in the year

M. Phil.	Ph.D.
-	1

#### Guest Lectures

On 12<sup>th</sup> Sept., 08, BBA department, in association with Economics Association, organized a lecture on topic “Will India Become a Superpower by 2020?”, by Lord Meghanad Desai a renowned economist and a Member of the British Parliament.

Lecture of Dr Neelkanth Rath, a well known economist and former director of Gokhale Institute of Politics and Economics, Pune, was organized on “Current Depression in the World and in India” on 9<sup>th</sup> Jan., 09. Both lectures were chaired by Vice President Mr. M.S. Kamat and attended by eminent personalities from the MES Society and faculty members.

#### Personal Achievements of Students/faculty:

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Carol Tauro, a second year student, was selected by Government of India to visit China as a part of the youth delegation.

Tej Naik, a second year student, bagged the 4<sup>th</sup> place in “All India National Karting Championship”, and won the award for the most promising driver of the year, sponsored by J.K. Tyres.

Waheb Gabber Hadi AI-Handi of second year was selected to represent Goa University Football Team.

S. B. Halvegar, Librarian of the college, presented papers at the national conference organized by PSG Institute of Management, Coimbatore, on the topic “Reengineering of Library Services”. He also presented a paper on the topic “Librarianship in the Digital Age” at the International Conference jointly organized by Tata Institute of Social Sciences, Mumbai and Indian Library Association.

ROOF TOP RAIN WATER HARVESTING PROJECT 2008 & 2009: The project commenced on 5<sup>th</sup> July, 08. Installation of this project at MES College has harvested water (recharge of 10 lakh litres approximately per year from one building rooftop).

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

Year of Establishment: 1973.

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

URL: [www.damodarcollege.org](http://www.damodarcollege.org)

Courses offered & sanctioned strength: B. Com - 763, B. C. A. - 238, B.F.S – 112, M. Com. - 58.

Faculty strength: 48.

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

Sports achievements

Department of Physical Education & Sports organised Yoga & Pranayama classes for students & teacher of Shree Damodar College in the month of June/July 2008 from 7.00 a.m. to 8.30 a.m. resource person Sudhakar Naik, Director of Physical Education & Sports.

Department of Physical Education & Sports organised: a) All Goa Inter Collegiate 3<sup>rd</sup> Invitation. b) Weight Lifting & Power Lifting Championship on 24<sup>th</sup> - 25<sup>th</sup> July, 08 at Sports Complex. Shree Damodar College team won Weight Lifting & Power Lifting Championship.

Conferences/Workshops organized

One day State Level Workshop in Mathematical & Statistics Techniques, 4<sup>th</sup> Apr.,08, M.E. Abranches.

One Day State level Seminar “Women Entrepreneurship and its Impact on Goan Economy” organised by P. G. Dept. Of Commerece, Department of Commerce, 21<sup>st</sup> Jan., 09.

One Day U.G.C sponsored National Seminar on “Retail Revolution in India”, 20<sup>th</sup> - 21<sup>st</sup> Feb.,09.

Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	14	44

No. of teachers who obtained research degree in the year

M. Phil.	Ph.D.
02	1

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

Year of Establishment: 1974

Principal's Name and Contact Address: D. B. Arolkar, D M's Anand R. Sirsat College of Arts, Sou. Sheela Premanand Vaidya College of Science and V.N.S. Bandekar College of Commerce, P.O.Box 20, Mapusa .

Courses offered & sanctioned strength: B. A.- 240, B.Sc. -240 , B.COM. - 1120, B. B. A.-120, B. C. A.- 120, M. Com. - 60.

Faculty strength: 43.

Achievements of the College

Results B.Sc. 90.91%, B.Com. 88%, B.A. 82.76%, B.B.A. 100%, B.C.A. 100% and M.Com. 90%.

Sona Keni secured First Rank at M.Com. at Goa University and was awarded Gold Medal.

Sitam Dhargalkar of the NCC (Navy) represented Goa and Karnataka Directorate of NCC at the Republic Day Parade at New Delhi.

The campus placement of students has been very good in companies like Wipro India Ltd., TATA – AIG and Sudherland Global Services.

Diploma Courses in Automation, Computer Networking and Pharmaceutical Chemistry have received good response from students.

This college has been recognized as a coaching centre for the Company Secretary course by the Institute of Company Secretaries of India.

Successfully organized a UGC sponsored National Seminar on "Second Generation Reforms in the Banking Sector" in Oct.,08.

Sports achievements

Soniya Parab of F.Y.B.A. has been selected to represent India at the International Boxing Championship to be held in China; won Gold Medals in the Federation Cup; won All Goa State Boxing Championship in light category. She secured FIRST PLACE in the All India Boxing Championship. In Pin Weight category; won champion of champions in Fly Weight category of All Goa State, and participated in the IX Senior Women National Boxing Championship organized by Indian Amateur Boxing.

Conferences/Workshops organized

Two Day National Seminar on "SECOND GENERATION REFORMS IN THE BANKING SECTOR", U.G.C., 6<sup>th</sup> & 7<sup>th</sup> Oct.,08.

A three day workshop on 'ARTICLE WRITING', Aug., 08.

Workshop on 'POETRY WRITING', 21<sup>st</sup> Feb., 09.

A ten day workshop on 'SCRIPT WRITING' in street play.

Publications	Foreign	Indian
Research papers in journals	-	01
In Edited Books		01

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	02	36
No. of teachers who obtained research degree in the year		
M. Phil.	Ph.D.	
05	-	

Other Information: (Awards/Honours and Special Achievements)

One student was awarded Ph.D. and four students were awarded M. Phil. under the guidance of M. R. Patil, Reader in the Department of Commerce.

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

Year of Establishment:1986

Principal's Name and Contact Address: P. M. Bhende, Goa Vidyaprasarak Mandal's College of Commerce and Economics, Ponda.

Courses offered & sanctioned strength: B. Com. - 240, B. C. A. - 40.

Faculty strength: 25.

Achievements of the College

Secured First prize in State Level Ghumat Aarti Spardha organised by VNS Bandekar College, Mapusa.

Secured First prize in Folk Dance and Second prize in classical vocal Solo at District level Youth festival.

Secured First prize in Folk Dance, first prize in Wealth Out of Waste and first prize in Mono acting at state level 'Cultural Feast' organised by Narayan Zantye college, Bicholim.

Secured Winners Trophy at 'Yuva Jagruti' cultural events organised by Vivekanand Higher Secondary.

Sports achievements

Aditya Kankonkar represented the state in Judo U-20 at Manipur.

Ankita Halarankar represented the state in Cricket U-19 at Andhra Pradesh.

Deeplaxmi Avati represented Bronze Medal team at the Base Ball Nationals at Orissa.

Conference/Workshop organized

One day State level 'Faculty Development Programme' on 'Online Stock Trading' by Dept of Information Technology of the college on 29<sup>th</sup> Sept., 08.

Nature Club 'Eco-Vision' organised one day State Level workshop on "Global Warming - Our Role" on 29<sup>th</sup> Aug., 08.

Workshop on 'Probability and Statistics of Semester-III(BCA) was organised to discuss the syllabus on 1<sup>st</sup> Aug., 08.

One day workshop on 'Data Analysis and Accounting was organised for BCA staff of colleges in Goa on 9<sup>th</sup> Jan., 09.

Organised one day state level Faculty Development Programme by staff Academy for undergraduate and post-graduate teachers on 'Use of Audio-visual Technology to enhance the Quality of Teaching-Learning on 20<sup>th</sup> Mar., 09.

Organised two days UGC sponsored National Conference on 'Sustainable Development - need of the hour' by Economics dept. on 28<sup>th</sup> - 29<sup>th</sup> Jan., 09.

Dept. of Physical Education organised a state level workshop on the topic "Role of Physical Education Personnel in the organisation of the National Games" on 7<sup>th</sup> Oct., 08.

Conferences/Seminars./Workshop attended		
Outside Country	Within the Country	Within Goa
Research papers in journals	-	38
No. of teachers who obtained research degree in the year:		
M. Phil.	Ph.D.	
-	1	

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

Year of Establishment: 1986.

Principal's Name and Contact Address: A. S. Dinge, P.E.S.'s Shri Ravi S. Naik College of Arts & Science, Ponda.

Faculty strength: 52.

#### 5.11 Naval Academy, I N S Mandovi, Verem.

Year of Establishment: 1987.

Principal's Name and Contact Address: Commander, G A Selvam, Naval Academy, I N S Mandovi, Verem.

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

Year of Establishment: 1987.

Principal's Name and Contact Address: Laxman G. Naik, C. E. S. College of Arts and Commerce, " Pio F. Lawrence Complex", Cuncolim, Salcete, Goa.

URL: [www.cescac.edu.in](http://www.cescac.edu.in)

Courses offered & sanctioned strength: B. A.-180, and B. Com. – 240.

Faculty strength: 19.

New course(s) started

Personality Development School a Certificate Course.

Sports achievements

students Represented Goa state in National Kabaddi Championship held at Tamil Nadu

- Velip Chaitana of S.Y.B.A. represented Goa Team in Kabaddi at Nationals.
- Khanolkar Salil of F.Y.B.Com. represented Goa State Team at National Tennikoit Tournament held in Andhra Pradesh.
- Dessai Prachi of T.Y.B.A. represented Goa State at National Sapaktakraw championship held in Manipur.
- Kharade Yashodhan of S.Y.B.A. representated India Team at 23<sup>rd</sup> Kings Cup Sapaktakraw world championship held in Thailand.
- Balbatti Irfan of T.Y.B.Com. represented India Team in Hockey int Portugal.

Conferences/Workshops organized

Two day National Level Seminar on Science- Religion Dialogue & Social Development in India' in collaboration with the Indian Institute for Science & Religion, Pune and the Science-Religion Sanguam

Goa (9<sup>th</sup> and 10<sup>th</sup> Jan., 09)

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

M. Phil.

Ph.D.

02

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### 5.13 Government College of Arts, Science and Commerce, Sanquelim.

Year of Establishment: 1988

Principal's Name and Contact Address: John B. Fernandes, Government College of Arts, Science and Commerce, Sanquelim.

Email: govcol@sancharnet.in

Courses offered & sanctioned strength: B. A. - 240, B. Sc. - 195, B. Com. - 260.

Faculty strength: 42.

Achievements of the College

Navjot Gawas (S.Y.B.Com) bagged 1<sup>st</sup> place in the inter-collegiate Solo Dance Competition organized by Zantye College of Commerce, Bicholim on 16<sup>th</sup> Dec.,08.

N.C.C Unit: 50 girl cadets were enrolled. Thirty two volunteers attended annual camp at Duler. The team took part in various competitions and won 1<sup>st</sup> place in Drill, 2<sup>nd</sup> place in Guard of Honour, Firing, Group Dance, Group Song and Quiz; and third place in Elocution. Our unit shared the championship with Dhempe College, Miramar.

After successfully attending various selection camps at Belgaum and Bangalore, Cadet Ankita Kaneri (S.Y.B. Com) represented Goa and Karnataka N.C.C. Unit at Republic Day Parade, in Delhi in January, 2009 Cadets Manisha Dhawaskar (T.Y.B.Sc.), Archana Jalmi (T.Y.B.Com.) and Pallavi Dhargalkar (T.Y.B.Com.) attended 10 day army attachment camp at Margao.

In collaboration with Chemistry Teachers' Association of Goa, the College organized an Inter-Collegiate Quiz Competition for Chemistry students in which nine colleges participated. Our students, Neeshan Vaigankar and Koushik Savaikar, both from T.Y.B.Sc. bagged the 2<sup>nd</sup> place.

The Department of Chemistry deputed students to take part in the Inter-Collegiate Poster and Oral Presentation competitions organized by the Department of Chemistry of Goa University. Tejashree Khedekar bagged the 1<sup>st</sup> place in the Oral Presentation.

A few students attended Yuva Konkani Sahitya Sammelan at Zantye College. One student bagged 1<sup>st</sup> prize in Script writing in drama and another one bagged 2<sup>nd</sup> place for poetry. Virginia Coelho, (T.Y.B.A.) has been selected for the award of scholarship by Thomas Stephens Kendra, Porvorim.

New course(s) started: S. Y. Sc. in Biotechnology.

Sports Achievements

a. Various inter-class competitions in table-tennis, chess, cricket, kKabaddi, tennikoit, football, badminton and volley-ball were organized. Competitions for staff in table-tennis, carrom and athletics were also organized.

b. Annual Inter-Collegiate Staff tournaments in table-tennis and badminton (singles and doubles for men) were organized in April, 09.

Conference/Workshop organized

Department of Marathi organised a two day National Level Seminar, on " Pradeshik Sahityachya Pariprekshat: Gomantakatil Marathi Sahitya" on 20<sup>th</sup> - 21<sup>st</sup> Mar.,09.

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Publications	Foreign	Indian
Research papers in journals	-	01
Books	-	01
Conferences/Seminars/Workshop attended		
Outside Country	Within the Country	Within Goa
-	02	10
No. of teachers who obtained research degree in the year:		
M. Phil.	Ph.D.	
01	-	

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

Year of Establishment: 1988

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

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

Courses offered & sanctioned strength: B. Sc.-50

Faculty strength: 5.

##### Achievements of the College

World Breast Feeding Week (1<sup>st</sup> - 7<sup>th</sup> Aug., 08) was commemorated by organizing Inter Higher Secondary School Poster Designing Competition on Breast Feeding, participation in a rally organized by Voluntary Health Association of Goa, and Lecture Sessions on importance of Breast Feeding.

Collaborative activities with Khadi and Village Industries Commission (KVIC)

Organized Inter Collegiate Competitions for undergraduate Students from the Colleges in Goa in order to create awareness about Gandhian Philosophy and Rural Industrialization.

Organized Exhibition "Khadi Darshan" on 2<sup>nd</sup> Dec., 08 with display of Khadi garments designed and crafted by students.

Organised "Aarambh" an exclusive exhibition on 8<sup>th</sup>- 10<sup>th</sup> Jan.,09 showcasing the multifaceted nature of the course in Home Science.

3 days exhibition featuring Khadi Darshan & Display in the areas of Nutrition & Dietetics, Textile & Clothing, Human Development, Community Resource Management.

##### Lecture Sessions:

"Impact of Changing Values in Indian Society" by Pravin Sabnis on 8<sup>th</sup> Jan.,09.

"Care and Maintenance of Clothes" by Rita Godinho, Lecturer in Textiles & Clothing.

##### Inter Higher Secondary School Competitions

Debate Competition on "Traditional Food Vs. Junk Food"

Dress Making with newspapers Competition

Wall hanging with appliqué work Competition

Puppet Making – Wealth out of waste

Under Water Origami

##### Inter-Collegiate Competitions

Nutri-Ad Mad Competition

Poster Designing Competition

Team Event Activities

World Human Rights Day was observed by organizing Lecture Session titled “Children’s Rights” on 13<sup>th</sup> Dec. 2008.

Nature Club ‘Bhoomi’ Activities

Organized Lecture Session on “Role of students in Nature Conservation” by Nitin Sawant, Director of WWF for Nature – India.

Inauguration of the Nature Club ‘Bhoomi’ on 2<sup>nd</sup> Aug. 2008 in collaboration with WWF for Nature India.

Organized Snake Training for the members of Nature Club ‘Bhoomi’ on 30<sup>th</sup> Sept.,08.

Organized a Trek to Chorla Ghat on 28<sup>th</sup> Nov., 08.

Nutrition Intervention program for schools in Bicholim for the Manthan Project of Sangath, Porvorim on 3<sup>rd</sup> Feb.,09 & 10<sup>th</sup> Feb.,09: Dietary Survey, Nutrition Intervention, Street Play, Talks on Healthy Eating, demonstration of low-cost nutritious recipes.

Study India Programme: 9<sup>th</sup> - 13<sup>th</sup> Feb., 09 the College hosted Japanese students of the study India Programme, Goa University. College organized a course in Indian Traditional Textiles, Indian Embroidery, Marriage & Family in India, Indian Cuisine, Nutritional Assessment, Costumes of India, etc at the College Premises.

Rajal K Shinkre, Principal, participated in the Live Telecast of Nutrition based programs for the benefit of the students of Home Science, Food and Nutrition of Indian Universities, at the Education Multimedia Research Centre (EMMRC) Studio of the English and Foreign Languages University, Hyderabad on 17<sup>th</sup> & 18<sup>th</sup> Mar., 09 by address of the following topics: 1) Weight Management: Techniques and Approaches. 2) Are Dietary Guidelines necessary for Indians?

Conferences/Seminars./Workshop attended:

Outside Country	Within the Country	Within Goa
-	-	05

**5.15 Government College of Arts, Science and Commerce, Khandola, Marcela.**

Year of Establishment: 1989.

Principal’s Name and Contact Address: Seema P. Rath, Offg. Principal, Government College of Arts, Science and Commerce, Khandola, Marcela.

URL: [www.khandolacollege.org](http://www.khandolacollege.org)

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

Faculty strength: 27.

Achievements of the College

First place in the All Goa Street Play competition ofganised by Carmel College, Nuvem in association with Goa state AIDS control Society, Panaji.

Won 1<sup>st</sup> place by Samiksha Prabhudesai and Bhagyalaxmi Naik in the State Level Essay Competition on Disaster Management organisd by Ramani Medical Association, Ponda.

1<sup>st</sup> place to Mayuri Prabhudesai and 3<sup>rd</sup> place to Pooja Desai at State Level Bhavgeet competition organised by CES College, Cuncolim.

1<sup>st</sup> place in All Goa Street Play competition organised by Adarsh Yuva Sangh, Cancona.

Sports achievements

Swpnil Phadte was a member of Goa Base Ball winners Team at the National Championship.

Conferences/Seminars/Workshop organised

Workshop on Research Methodology Course for the students of Konkani of selected colleges of Goa in association with St. Stephens Konkani Kendra.

A State Level workshop on T. Y. B. A. Syllabus fo the Lecturers in Hindi.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	06	30

### 5.16 Government College of Arts, Science & Commerce, Quepem.

Year of Establishment: 1989.

Principal's Name and Contact Address: Bhaskar G. Nayak, Government College of Arts, Science & Commerce, Quepem.

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

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

Faculty strength: 39.

Achievements of the College

Organized a 10 days National Integration Camp sponsored by Ministry of Youth Affairs & Sports, Government of India, New-Delhi, in the month of Nov. 2008, at Shri Shantadurga Kunkoliekarin Saasthan, Fatorpa, Cuncolim-Goa.

UGC sponsored on Career oriented certificate course in E-Accounting started.

U.G.C. sponsored Certificate Course in Human rights held.

Seven Minor Research projects were awarded to the College by various funding agencies.

On-going research projects:

Socio- Cultural Impact of Migration from Goa, Renji George Amballoor , Dempo Research Fellowship Committee, Panaji – Goa.

Studies on Arbuscular Mycorrhizal Fungi from Mangrove Forest of Goa, Mehtab J. Bukhari, UGC, WRO, Pune.

Nature of Marathi Poetry in Goa During 1961 to 2000, Asha A. Mangutkar, UGC, WRO, Pune.

Ferroelectric Materials, Shirish D. Kamat, UGC, WRO, Pune.

The Poetry of Dr. R. V. Pandit : A Critical Study, Rajay Pawar, UGC, WRO, Pune.

Complaint Redressal in Tourism Sector in Goa, Purva G. Hegde Dessai, UGC, WRO, Pune.

Case Study Analysis of Social/Economic & Financial Impact of Shacks in Goa, R. Sathish, UGC, WRO, Pune.

Teachers deputed for higher studies under FIP or on Fellowship abroad : 04.

Sports Achievements

Yogesh Malik, Represented Goa University for the All India Inter University Cross Country Championship

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held at Rothak (Haryana), on 6<sup>th</sup> Oct.,08.

Krupesh Gaonkar, Represented Goa University for the All India Inter University Cross Country Championship held at Rothak (Haryana), on 6<sup>th</sup> Oct.,08.

Joao Oliver, Represented Goa University for the All India Inter University Cross Country Championship held at Rothak (Haryana), on 6<sup>th</sup> Oct.,08.

Sinitia Menezes, Represented Goa University for the All India Inter University Cross Country Championship held at Rothak (Haryana), on 6<sup>th</sup> Oct.,08.

Also represented Goa State for the National Women Sports festival in Kho-Kho held at Kolkatta (W.Bengal) from 12<sup>th</sup> -15<sup>th</sup> Nov.,08. Also represented Goa State for the 34<sup>th</sup> National Sports festival in Athletics held at Hamirpur (H.P.) from 26<sup>th</sup> - 29<sup>th</sup> Dec.,08.

Manisha Gaonkar, Represented Goa State for the National Women Sports festival in Kho-Kho held at Kolkatta (W.Bengal) from 12<sup>th</sup> - 15 Nov., 08. Also represented Goa State for the 34<sup>th</sup> National Women's Sports festival in Athletics held at Hamirpur (H.P.) from 26<sup>th</sup> - 29<sup>th</sup> Dec., 08.

Rohita Gaonkar, Represented Goa State for the 27<sup>th</sup> Junior National Tennikoit Championship held at New Delhi from 19<sup>th</sup> - 23<sup>rd</sup> Oct., 08.

Errika Fernandes, Represented Goa University for the All India Inter University Football Championship held at Saleem (T.N.) from 20<sup>th</sup> - 26<sup>th</sup> Dec.,08.

Dakshita Lambor, Represented Goa State for the 34<sup>th</sup> National Women Sports Festival in Hockey held at Hamirpur (H.P.) from 26<sup>th</sup> - 29<sup>th</sup> Dec., 08.

Sampada Amadalli, Represented Goa State for the 23<sup>rd</sup> Seminar National Baseball Championship held at Cuttack (Orissa) from 30<sup>th</sup> Jan., - 3<sup>rd</sup> Feb., 09.

#### Conferences/Workshops organized

Two days State Level Seminar on 30<sup>th</sup> - 31<sup>st</sup> July, 08 "Goan History and Culture" Prehistoric times to 1987 .

One day State Level workshop on 9<sup>th</sup> Aug.,08 "Healthy Living" .

State Level Seminar on 17<sup>th</sup> & 18<sup>th</sup> Sept., 08 "Mind Your Mind" .

Two days National Level workshop on 20<sup>th</sup> - 21<sup>st</sup> Feb., 09 "Nutritional Awareness" –Role of Educational Institutes and NGO's".

Publications:	Foreign	Indian
Research papers in journals	-	1
In Edited Books	-	1
Books	-	1

#### Conferences/Seminars./Workshop attended:

Outside Country	Within the Country	Within Goa
-	5	20

#### No. of teachers who obtained research degree in the year:

M. Phil.	Ph.D.
02	-

#### Other Information: (Awards/Honours and Special Achievements)

Renji George Amballoor was awarded the Dempo Research Fellowship to study the "Socio-Cultural Impact of Migration from Goa.

### 5.17 Rosary College of Commerce & Arts, Navelim, Salcete.

Year of Establishment: 1990

Principal's Name and Contact Address: Rev. Simao R. Diniz, Rosary College of Commerce and Arts, Navelim, Salcete, Goa.

URL: www.rosarycollege.com

Courses offered & sanctioned strength: B. Com., B. A., B. C. A., B. B. A., M. Com.

Faculty strength: 29.

Achievements of the College

The college published the fourth issue of its inter-disciplinary Journal, GYANA.

New course(s) started: M. Com. - II.

#### Sports Achievements

Participated in Cross Country Race for Boys & Girls organized by Pilar College. First Place (Girls) and Third Place (Boys).

Participated in Navelim Villagers Union Marathon Race/Cycling for Boys & Girls organized by Navelim Villagers. Third Place for the Marathon Race was bagged by Arvind Kumar. Cycling bagged Consolation Prize fourth and fifth place.

Participated in Independence day Road Races organized by Government of Goa and bagged the First Place.

Participated in Marathon Race organized by Shiv Sena, and bagged the 3<sup>rd</sup> Place.

Participated in 34<sup>th</sup> All Goa Marliz Running Race 2008. Arvind Kumar bagged the 3<sup>rd</sup> Place.

Number of students that represented the State - 12

Conference/Workshop organized

1 Workshop and 4 Seminars were organized by our College.

Publications	Foreign	Indian
Research papers in journals	-	1

#### Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	03	23

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

M. Phil.	Ph.D.
4	-

#### Other Information: (Awards/Honours and Special Achievements)

The BBA Department of our college participated in Merchants 2008 organized by Fr.Agnel College of Arts & Commerce, Pilar, Goa.

Mitzi Pereira and Kimberly Fernandes participated in the Debate organized by Home Science College, Panaji and won the third place.

Odyssey 2008 was organized by Sridora Cacula College of Business and Management, Khorlim, Mapusa. The BBA Department of our college participated in the event. The students won the 1<sup>st</sup> place for the Marketing event and 2<sup>nd</sup> place for The Business Plan.

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XPlosion 08 was organized by the BBA Department of Don Bosco College, Panaji. The event was held on the 4<sup>th</sup> and 5<sup>th</sup> of Dec., 08 at Panaji. Our students won the 2<sup>nd</sup> place for two sub events Breaking the News and Paint the Skies.

Bizz Buzz 2008 was an inter collegiate management event organized by Damodar College, Margao, in the month of Dec.,08. Our College alongwith Don Bosco College, Panjim were the joint winners of this event.

Students were the winners of the Inter Collegiate Management Event "Revelations '09" organized by D.M.C. College, Mapusa, on 24<sup>th</sup> Jan., 09.

### 5.18 Saraswat Vidyalaya Society's College of Commerce and Mgt. Studies, Mapusa.

Year of Establishment:1991

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

URL: www.saraswatbba.com

Courses offered & sanctioned strength: B. Com.- 520, B. B. A. - 135 + 15% (NRI/Foreign students).

Faculty strength: 14.

Achievements of the College

B.Com.: - Mast.Gajanand K.Kauthankar attended the Rashtrapati Scout Testing Camp from 27<sup>th</sup> Sept.,08 - 1<sup>st</sup> Oct., 08 at State Training Centre, Mount Abu, Rajasthan State.

BBA: - Hosted Odessey, Goa's only National Management Event at Taleigao Community Centre from 24<sup>th</sup> - 26<sup>th</sup> Sept., 08.

Sports Achievements

Saurabh Bandekar represented Bangalore Royals in IPL tournament at South Africa.

Januario Cardozo, Jeffery Fernandes & Mahadev Marathe represented Lusofinia games (Hockey) at Portugal

Vithal Gawas & Vivian Castelino represented Goa U -19 in Cricket.

Amit Pednekar represented Goa under Junior Athletics nationals held at Mysore in Nov., 08.

Sagar Naik represented Goa at Sr. National Tennis ball tournament.

Sweta Desai represented Goa at National Roll ball skating championship at Bilwada, Rajasthan.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	08	16

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

M. Phil.	Ph.D.
-	01

### 5.19 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 & Commerce, Pilar, Goa.

URL of website: www.fragnelcollege.com.

Courses offered & sanctioned strength: B. A. - 200, B. Com. - 200.

Faculty strength: 18.

Achievements of the College

An inter-collegiate intellectual national event was held on 19<sup>th</sup> and 20<sup>th</sup> Sept.,08. Eight colleges from all over Goa and St. Xavier's College, Mumbai were in the fray this year. MERCHANTS aim at giving a foretaste of professionalism to students. Competitions like Conclave, Blabber Mouth, Beating the Clutter, Aaj Tak, Quiz and Business Baadshah were organized.

New course(s) started : B. C. A.

### Sports Achievements

The college organized for Goa University, West Zone Inter University and All India Inter Zone Football Tournament. We have also organized the open Inter Collegiate Cross Country Race for men and women.

Our students emerged champions at the Hockey Festival for men organized by Pilar Fathers at Birodem in Sanquelim.

Shivraj Mangueshkar represented Goa at the 35<sup>th</sup> Junior National Kabaddi Tournament. He also represented Goa at the 56<sup>th</sup> Senior National Tournament.

Alice Moniz represented Goa at the Women Festival in Athletics.

Quadri Fuad Bukola won the Lawn Tennis Tournament organized by B. P. S. club Margao.

Chadwick Furtado won the Best Football Player Award in Goa at the college level organized by Don Bosco College, Panaji, in collaboration with S.A.G.

Lewin Rodrigues passed the Karate Black Belt exam and the Football Referee exam conducted by G.F.A. He also won the Best Sports Secretary Award in Goa at the college level organized by Don Bosco College, Panaji in collaboration with S.A.G.

Conference/Workshop organized

"Responsible Tourism", Tourism Department, (Govt. of Goa), 28<sup>th</sup> Aug.,08.

"Live Your Values", Goa Sudarop Community, Development INC, USA 29<sup>th</sup> Nov.,08.

"Creating a Child Friendly Classroom", Goa Sudarop Community Development INC. USA, 2<sup>nd</sup> Dec., 2008.

"Higher Education and Economic Development in India", UGC, 5<sup>th</sup> & 6<sup>th</sup> Dec., 08.

"Printed Dictionary and Generative Lexicon in Konkani", Goa Konkani Academy Central Institute of Indian Languages and Fr. Agnel College, 2<sup>nd</sup> & 3<sup>rd</sup> Feb., 09.

Publications	Foreign	Indian
Books	-	01

Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	-	34

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

M. Phil.	Ph.D.
02	-

Awards/Honours and Special Achievements

Fr. Agnel College has been selected as one of the centres for PGDCET. This course aims at providing requisite skills in Information Technology and Education Technology to Computer teachers from

schools and higher secondary schools in Goa.

Pilar Fathers, Ranchi in collaboration with St. Anthony's School, Ranchi and Fr. Agnel College, Pilar, Goa, organized a Faculty Improvement Seminar cum Workshop on Education for Excellence for teachers from schools and Junior Colleges. The resource team consisted of our lecturers Mario D'Souza and Cajetan Fernandes. They provided resourceful inputs in their presentations on professional perspectives in teaching and exploring learning process.

Milind Mhamal, Librarian, brought to light 'Alkanyacho Dongor' a collection of short stories in Marathi based on environmental problems and effects of tourism on Goan society. His writings make an appeal to save our land and its greenery for the posterior. He also has been selected by the Gomantak Marathi Academi for a research project that involves identifying, recording and documenting all literary works by Goan authors, and those of Goan origin in the Marathi Language.

Lewin Rodrigues released a collection of poems titled "Sopnantle Kajule". He also displayed his paintings at an exhibition cum sale.

Fr. Fredrick Rodrigues has been nominated as one of the vice President's to conduct the Tiswadi Women's Sports Festival 2009 at Tiswadi.

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

Year of Establishment: 1993

Principal's Name and Contact Address: Jagmohan Singh, Dnyan Prabodhini Mandal's Shree Mallikarjun College of Arts & Commerce, Canacona 403 702.

Courses offered & Sanctioned strength: B. A. - 180, B. Com.-180.

Faculty strength: 17.

Publications	Foreign	Indian
In Edited Books	-	6
Conferences/Seminars./Workshop attended		
Outside Country	Within the Country	Within Goa
-	-	6

## 5.21 Government College of Arts and Commerce, Pernem.

Year of Establishment: 1993

Principal's Name and Contact Address: B. A. Gomes, Government College of Arts and Commerce, Pernem

URL of website: [www.gcacpg.org](http://www.gcacpg.org).

Courses offered & sanctioned strength: U. G. Courses leading to B. A. & B. Com.

Faculty strength : 17.

Achievements of the College

The institution was visited by the NAAC Peer Team for its assessment and accreditation on 20<sup>th</sup> & 21<sup>st</sup> Mar.,09 and accredited for a period of five years with a CGPA of 2.85 out of 4.00 on a four point letter scale at 'B' Grade, valid from 15<sup>th</sup> June,09.

Two days National Seminar was organized on 'Institution-Industry Interface-developing Employability Skills' on 26<sup>th</sup> & 27<sup>th</sup> Feb.,09 co-sponsored by the UGC, WRO, Pune.

Several College-level Short term Certificate Courses were conducted as 'Add-on' courses during the academic year 2008-2009 in Hand Embroidery, Soft Toys Making and Zari Zardosi, etc.

UGC Sponsored Career Oriented Course on 'Journalism' was inaugurated on 27<sup>th</sup> Sept.,08.

A booklet 'Tribulations and Triumphs – India at 60' was released on Independence Day – 15<sup>th</sup> Aug.,08.

Three Blood Donation Camps were held by the Medical Services Cell and NSS Units on 11<sup>th</sup> and 15<sup>th</sup> Sept.,08 and 17<sup>th</sup> Feb.,09.

Inauguration of Red Ribbon Club of the college with a presentation and talk on HIV/AIDS with NSS volunteersts on 19<sup>th</sup> Feb.,09.

The Career Guidance Counseling/Employment & Placement Cell organized several Talks/Presentations/Orientations on careers for the benefit of the students; and campus interviews were held by different companies.

The NSS Units organized:a)Several programmes for the benefit of the neighbouring wards of Virnoda and Valpe on medical, cleanliness and other awareness issues.b) NSS Special Camp for 7 days at Moitem, Assonora.

Street Plays on "Mental Health Awareness" by college students in several places of Goa.

The Women's Education Cell, Medical Cell & NSS Units jointly organized awareness lectures on (1) Inj. Rubella Vaccination. (2) Infatuation & Alcoholism. (3) Talk on "Misconceptions regarding Blood Donation

Workshop on 'Practical Hindi Grammar' for Goa's College students held on 17<sup>th</sup> Jan.,09.

The College Website was launched on 14<sup>th</sup> Nov.,08.

Two students attended Discover India Camp of MARG India – Bhagyashree Satardekar of FYBA and Costancio Pasocal Fernandes of SYBA ON 1<sup>st</sup> Nov.,08.

New course(s) started

"Journalism" (sponsored by UGC) Career Oriented Course was inaugurated on 27<sup>th</sup> Sept.,08.

Sports Achievements

Students represented Goa in the Senior Women's Kabaddi Team at Tamil Nadu in Jan.,09.

Conference/Workshop organized

Two days National Seminar co-sponsored by the UGC, WRO, Pune on 'Institution Industry Interface-developing Employability Skills' was held on 26<sup>th</sup> & 27<sup>th</sup> Feb.,09.

Workshop on Study Techniques & Time Management organized by the Counseling Services Cell

General Knowledge Quiz Series by the Commerce Department

Kavi Sarmelan on the topic 'Rain' organized by the Marathi Department.

Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	03	24

## 5.22 Narayan Zantye College of Commerce, Bicholim.

Year of Establishment: 1994.

Principal's Name and Contact Address: Arun Sakhardande, Narayan Zantye College of Commerce, Sarvan, Vathadev, Post Industrial Estate, Bicholim Goa - 403 529.

Courses offered & Sanctioned strength: B. Com. - 120, Diploma In Computerised Accounting & Taxation (D'CAT), C.A.- CPT COURSE, ICWAI Foundation Course.

Faculty strength: 13.

### Sports Achievements

Two students of our College Mast. Rama Dhawaskar & Mast. Sachin Dhawaskar were selected to represent Goa State under 21 Volleyball team for the Inter-State Tournament which was held from 23<sup>rd</sup> - 30<sup>th</sup> Jan., 09 at Kerala. Mast. Rama Dhawaskar was nominated as captain of the Goa State Volleyball Team.

Two students of our College Mast. Prajot Morajkar & Miss Aarti Gaonkar selected for the Pre-National Residential Coaching Camp of the probable players of the State team representing 35<sup>th</sup> Junior National Kabaddi Championship organized by Tamilnadu State Kabaddi Association at Theni, Tamilnadu from 15<sup>th</sup>-18<sup>th</sup> Jan., 09.

Rama Dhawaskar was selected for the selection camp of under 21 Indian Volleyball Team which was held at Vishakapatnam, Andhra Pradesh.

Sports Department of our College in association with Alumni Association organized Inter-Higher Secondary Football Tournament on 25<sup>th</sup>- 27<sup>th</sup> Sept., 08 at the College Ground. Students from nine Higher Secondary Schools participated in the tournament.

Rama Dhawaskar was honoured by giving the opportunity to carry the Indian Flag at the opening ceremony of 2<sup>nd</sup> Lusofonia Games held in Portugal on 2<sup>nd</sup> July, 09.

### Conference/Workshop organised

Two days Workshop on Acting was conducted on 20<sup>th</sup> - 21<sup>st</sup> Sept., 08 for the students of Higher Secondary Schools in Bicholim and Sattari Talukas. In all 60 students from 10 Higher Secondary Schools participated in the Workshop. Ravindra Amonkar, Renowned Actor/Director was the Resource Person for the Workshop.

Career Guidance & Placement Cell of our College organised a Workshop on "Career Guidance & Personality Development" for two days i.e. on 29<sup>th</sup> and 30<sup>th</sup> Nov., 08. 120 XII<sup>th</sup> Commerce students from Nine Higher Secondary from Bicholim & Sattari Talukas attended the Workshop. Mohammed Rafi Bepari a Renowned Chartered Accountant was the Chief Guest for the inaugural function. Jc. Amey Kamat, Jc. Gautam Shankardas & Rajendra Kumbharjuvenkar were the resource persons for the workshop.

Career Guidance & Placement Cell of our College organised a Workshop on "Personality Development" for F.Y.B.Com & S.Y.B.Com. students of our College on 8<sup>th</sup> July, 08.

Publications	Foreign	Indian
Books	-	01
Conferences/Seminars./Workshop attended		
Outside Country	Within the Country	Within Goa
-	-	12

Other Information (Awards/Honours and Special Achievements).

In co-operation with Goa Konkani Academi, Panaji our College organized “Tenth Yuva Konkani Sahitya Sammelan” at our College premises on 14<sup>th</sup> -15<sup>th</sup> Feb.,09.

The activities of the “Tenth Yuva Konkani Sahitya Sammelan” were inaugurated at the hands of Chief Guest Jayant Kaikini, Kannad Sahityik. Bhalchandra Gaonkar.

## **(b) PROFESSIONAL COLLEGES**

### **5.23 Don Bosco College, Panaji.**

Year of Establishment: 2001.

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

Courses offered & sanctioned strength: B. C. A - 80, B. T. T. M. - 45, B. A. M. M. - 30, B. B. A . - 30, B. S. W- 30, B. P. Ed. - 50.

Faculty strength: 9.

Achievements of the College

1<sup>st</sup> three ranks of Goa University for BCA were secured by our students for the second consecutive year

At the inter-college events, the College emerged as:

Winners of “Merchants 08” organized by Fr. Agnel College, Pilar.

Winners of “Bizz-Buzz” organised by Damodar College, Margao.

Winners of “Xpression '09” organised by DMC College, Assagao.

Winners of “Charizma '09” organised by Carmel College, Nuvem.

Winners of “Coloseum '09” organised by ICFAI.

Won 2<sup>nd</sup> place for Fashion Show at Trendsetters organised by IIAS School of Management, Miramar.

Warren Menezes TYBCA student won 2<sup>nd</sup> place for I. T. Paper Presentation organized by Chowgule College, Margao.

New course started: Bachelor of Social work (B.S.W.)

Sports Achievements

Regina Monteiro, SYBCA represented Goa University for Inter-University Football tournament in TamilNadu.

Kesar G. Kerkar, (B.P.Ed) represented Goa University for Cross Country and Football

Karishma Wadkar participated in Women's National Athletics.

David Rebello represented Goa University for Inter-University Football Tournament.

Ramesh Vhonalli represented Goa University for Senior Nationals handball in AndhraPradesh.

Amit Virnodkar represented Goa University for Senior Nationals Hockey (Portugal)

Rajshekhar Harikant participated in State Level U-19, U-22, and U-25 Cricket Tournament in Kolkata, A.P, Bangalore and Goa.

Conferences/Workshops organized

World Tourism Day

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A 2-Day workshop “Go(A) Green” was organized by BTTM Department under the aegis of the Goa Tourism Dept. and GTDC held on 27<sup>th</sup> - 28<sup>th</sup> Sept., 08 along with TTAG and GCCI., open to all stakeholders (public, private, students) of hospitality sectors.

A 3-Day International Symposium “Sports Training –Latest trends in Europe “was organized by the B.P.Ed Dept. and the faculty of Sports of the University of Porto. Sports Authority of Goa (SAG) sponsored the event. A delegation of five members of the University of Porto presented papers. The Symposium was held during 3<sup>rd</sup> - 5<sup>th</sup> Nov.,08.

Sports Award Program to honor Best College, Best Physical Director, Best Sportsmen and Sports-women in different disciplines on 29<sup>th</sup> May 09.

#### Other information

Vivian D’Souza of SYBCA was selected to represent Goa University NSS Unit at for Delhi Republic Day Parade.

Vivian D’Souza only Goa student to be selected for the ‘Youth Delegation to China’.

Nikhalesh Naik of SYBCA was selected to be part of Mega NSS camp to be held in Tamil Nadu.

“Xplosion” the Annual College Fest with cultural and management programs was held on 4<sup>th</sup> & 5<sup>th</sup> Dec., 2008.

Wipro Technologies short listed 2 students for Placement and higher studies in BITS, Pilani.

Rahul Prabhu (TYBCA) scored 99 percentile in CST entrance exam.

Students hosted Website and organized WI2Play in JSP and college Fest XPLOSION.

### 5.24 Goa College of Pharmacy, Panaji

Year of Establishment: 1963.

Principal’s Name and Contact Address: Madhav G. Pai, Goa College of Pharmacy, Panaji Goa.

URL of website: goagovt.nic.in/gcp.

Courses offered & Sanctioned strength: B. Pharm.Sci. - 60, Master of Pharmacy: Quality Assurance – 13, Pharmacology - 05.

Faculty strength: 17.

#### Conferences/Workshops organized

R. V. Keny, Off. Professor, Organised National Pharmacy Week Celebrations IPA Platform in November, 2008.

Publications	Foreign	Indian
Research papers in journals	-	02

#### Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
02	06	06

#### Awards/Honours and Special Achievements

M. P. Joshi: Training: 1) At Michigan University USA Community Pharmacy one month. 2)WHO

Fellowship for training at Khon Kaen University, Thailand.

### **5.25 College of Engineering, Goa, Farmagudi.**

Year of Establishment: 1967.

Principal's Name and Contact Address: Krishna M. Gupt, College of Engineering, Goa, Farmagudi, Ponda Goa.

URL of website: [www.gec.ac.in](http://www.gec.ac.in).

Courses offered & sanctioned strength: Civil Engg.- 40, Mechanical Engg.- 40, Electronics and Telecommunication Engg.- 60, Electrical and Electronics Engg.- 63, Computer Engg.- 66 and Information Technology - 66.

### **5.26 Nirmala Institute of Education, Altinho-Panaji.**

Year of Establishment: 1963

Principal's Name and Contact Address: Rita Paes, Nirmala Institute of Education Altinho, Panaji, Goa

Courses offered & Sanctioned strength: B. Ed.- 100.

URL of website: [www.nirmala-institute.com](http://www.nirmala-institute.com)

Faculty strength: 11.

Achievements of the College

**HIGHLIGHTS OF THE YEAR:** The focus of the Institute, besides academic excellence is to create in our trainees an awareness of emergent social issues.

**The Environmental Week Programme:**The objective was to create awareness of environmental degradation and build in our trainees a commitment to work seriously for environmental conservation.

**Work with the Community:** The trainees along with the faculty worked in collaboration with the "Peaceful Society" a Gandhian Voluntary Organization, to create awareness of Local Self Government, and the importance of participating in the Gram Sabha meetings. This programme was held in Kundaim and our trainees worked in seven wards of the village.

**The Inter-faith retreat:**An annual feature of the Institute is the Inter-faith retreat to promote inter-faith dialogue and communal harmony.

**Rally organized by the Council for Social Justice and Peace:** Trainees participated actively in this rally to protest against the atrocities committed against Christians in Orissa.

**Collaboration with the Prison Ministry Cell of the Archdiocese:**On 9<sup>th</sup> Aug., 08, the college had a short prayer service and awareness programme to sensitise our trainees to the plight of prisoners. The theme was "Hate the Crime, not the Criminal".

**New Ventures:** The first B.Ed Special Education Course was started in the Academic Year 2008-2009. The Course provided not only theoretical inputs but practical experiences. The faculty got the collaboration of four Special Schools that provided our trainees with first hand experience in dealing with Special Children. An alliance was built with Bethesda Life Institute to provide support to children of this orphanage attending regular schools and having great difficulty in coping with the regular school curriculum.

**The Post Graduate Diploma in Computers and Educational Technology (PGDCET):** This is a collaborative venture between the Goa University and Nirmala Institute of Education to train about 500 computer teachers in the State. Five of our faculty and about 20 ex-students are involved in the project.

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Goa Day: On 1<sup>st</sup> Feb.,09, the Annual Goa Day was held at the Kala Academy Indoor Auditorium on the Theme, “Keep Goa Growing, Not Groaning”.

Department of Extension Services: The Department of Extension Services organized 41 workshops for the Academic Year 2008-2009. The faculty who acted as resource persons covered a wide range of topics like “Increasing Pupil Participation in Learning, Motivating Students for Academic Excellence, Classroom Management Skills, Using Audio Visuals in the Teaching of Hindi and Developing Computer Aided Lessons in the Teaching of Geography.

B. Ed. Special Education: Our Faculty were appointed as Co-ordinators of three Resource rooms for inclusive education. They were also instrumental in organising an inclusion event for special children along with regular children in some schools.

With a view to encourage ‘inclusiveness’ the faculty developed an alternative educational program for children with difficulties at the Bethesda Life Centre.

#### Conference/Workshop organized

Rita Paes, Classroom Management Skills, Nirmala Institute of Education Department of Extension Services, 13<sup>th</sup> - 15<sup>th</sup>.Oct.

Nicholas D’Souza, Developing Professional Attitudes in Teachers, Nirmala Institute of Education Department of Extension Services, 12<sup>th</sup> - 22<sup>nd</sup> Nov.

Quality Question Paper Setting for Teacher Teaching at Secondary Schools in Bicholim Taluka, ADEI Office Hall, Bicholim TLSCC – Bicholim & Department of Extension Services – NIE, 15<sup>th</sup> -16<sup>th</sup> Oct.

Denzil Martins, a) Using Multiple Intelligences to develop Activities in the Pre-Primary Class, Nirmala Institute of Education Nirmala Education Society’s Pre-School Teacher Education Course, 8<sup>th</sup> July. b) “Educational Board Games in Science Teaching”, Nirmala Institute of Education N.I.E.’s Extension Services Department, Altinho, 30<sup>th</sup> Aug., 13<sup>th</sup> Sept., 20<sup>th</sup> Sept.

“Increasing Pupil Participation while Teaching Science”, Nirmala Institute of Education N.I.E. ‘s Extension Services Department, Altinho, Oct., 4<sup>th</sup>.

Suvarna Gauns, Language Games and other activities in the teaching of Konkani (V-VIII), Nirmala Institute of Education Department of Extension Services, Nirmala Institute of Education, 7<sup>th</sup> - 8<sup>th</sup>.Jan.

Jude Miranda, Teacher Training, Christian Brothers in collaboration with Nirmala Institute of Education, 18<sup>th</sup> Feb.

Ximena Fonseca, Workshop for Teachers of Mathematics for Std V & VIII, Nirmala Institute of Education Department of Extension Services, 24<sup>th</sup> - 30<sup>th</sup> Sept., 10<sup>th</sup> - 4<sup>th</sup> Oct., and 10<sup>th</sup> - 11<sup>th</sup> Nov.

Eutemia Fernandes, Workshop on Computer Aided Lessons for Geography teachers of Std.V & Std VIII, Nirmala Institute of Education Department of Extension Services, Aug. 11<sup>th</sup> , 22<sup>nd</sup> , Sept., 17<sup>th</sup> & Sept., 10<sup>th</sup> , 11<sup>th</sup> & 12<sup>th</sup>.

Bernadette D’Souza , a) The Teaching of English Poetry for High School Teachers of English from North and South Goa, Nirmala Institute of Education, Department of Extension Services, Nov., 24<sup>th</sup>, 25<sup>th</sup> , 26<sup>th</sup>. b) The use of Dramatic Activities in the English Language Classroom-for High School Teachers of English, from North and South Goa, Nirmala Institute of Education Department of Extension Services, Dec., 2<sup>nd</sup> , 4<sup>th</sup> & 5<sup>th</sup> .

Nikhita Dangui, a) Hindi Grammar for Teachers of Std. V to VII, Nirmala Institute of Education Department of Extension Services, Oct., 17<sup>th</sup> , 18<sup>th</sup> Nov., 13<sup>th</sup> . b) Workshop on Audio-Visuals in the teaching of Hindi, Nirmala Institute of Education Department of Extension Services, Oct., 11<sup>th</sup> , Nov., 19<sup>th</sup> & 21<sup>st</sup>.

Giselle Lobo, a) Behaviour Modification and Autism, Sethu, Panaji. b) Nature of Disabilities, Institute of Nursing Education, Bambolim.

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Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	03	20

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

M. Phil.	Ph.D.
-	1

Other Information: (Awards/Honours and Special Achievements).

Winning First Prize: Two college representatives won the first prize at the 8<sup>th</sup> All Goa Quiz Competition in commemoration of the death anniversary of Vinayak Gopinak Nayak Karmali – former Konkani Author, organized by the Curchorem Konkani Kala Sahitya Kendr and held at the Government College of Commerce, Quepem, on 20<sup>th</sup> Aug, out of 26 groups that had participated.

### 5.27 Goa College of Fine Art, Altinho, Panaji

Year of Establishment: 1972

Principal's Name and Contact Address: Mahesh V. Vengurlekar, Goa College of Art, Altinho, Panaji.

Courses offered & Sanctioned strength: B. F. A.(Painting)-20 and B. F. A. (Applied Art)- 30.

Faculty strength: 13.

Conference/Workshop organized

In Sept., 08, Sandeep More and Shardul Kadam, eminent artists from Mumbai conducted lectures and gave demonstrations in different painting styles.

A Workshop in Ceramic Techniques was conducted by Sandeep Manchekar, an eminent artist from Mumbai for the students of the Painting Department in March.

Sanjay Shelar conducted workshop in Portraiture for senior students in Mar., 09.

Awards/Honours and Special Achievements

In the 7<sup>th</sup> National Art Competition, Varnika 08, Shreya Suresh won the Gold Metal Award, Apeksha A. Puranik took the Silver Metal Award while Sneha R. Vadkar won the Silver and Vima Rodrigues took the Copper Metal Award.

At the State level Ganesha Sculpture Competition organized by Ruchika Art Gallery in Sept.,08, Sagar Chari and Mahadev Malvankar students of the Painting Department won 1<sup>st</sup> and 2<sup>nd</sup> places respectively.

### PROJECTS

Following are some of the successful assignments handled by the staff & students for the Government & Industry.

Mural on the external wall of the Chowgule College, Margao.

Portraiture, Mural and Photography for Ravindra Bhavan, Margao.

Film conceived and made on TB for Health Department.

Mural walls executed at main entrance of the Nabard, Panaji,

Posters to promote "Save Energy" concept for Science & Technology Department.

Stage décor for Science and Technology Department (consecutive two years).

Made short films and photography during "International Film Festival" for Entertainment Society of

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Goa.

Posters were designed and exhibited on subject of “Malaria” for Health Department.

Mural at Trauma Section of Goa Medical College, Bambolim.

Exhibited Painting, Art works & Photographs on the theme Goa, for NRI cell.

Designed and executed stage Décor and made six short films on Goa for the NRI Conference (for two years).

Created C.D. with film and images to promote “Goa as No.1 destination for film shootings” for Entertainment Society of Goa.

### **5.28 Devi Sharvani Education Society’s V. M. Salgaocar College of Law, Panaji.**

Year of Establishment: 1973

Principal’s Name and Contact Address: M. Pinheiro, Devi Sharvani Education Society’s V. M. Salgaocar College of Law, Miramar – Panaji

Courses offered & Sanctioned strength: L. L. B.(Degree), L. L. B.(Hons), L. L. M. & Ph. D.

Faculty strength; 17.

Achievements of the College

The College conducts the Three Year L. L. B. Degree Programme, the Five Year Professional Law Degree Programme as well as the post-graduate L. L. M. Programme. The College has 716 students on its rolls.

The College was the first to establish permanent legal aid cells in India. Presently the College has 40 legal aid cells set up in the remotest and impoverished areas in the state of Goa. The students of the College regularly attend these legal aid cells every weekend. In addition to rendering free legal aid, they carry out regular legal awareness programmes in the form of street plays, seminars, open discussions etc. The legal aid cells have been instrumental not only in solving many disputes, but has also prevented many dispute situations.

Conference/Workshop organized

PRISON CLINIC: College inaugurated its Prison Clinic on 5<sup>th</sup> July, 08. It was decided to visit the jails in Aguada, Panaji and Mapusa and provide free legal aid to the inmates.

The College organized a seminar on “Training in Patent Registration” in Nov.,08. This was first of its own kind as it was the seminar organized by National Institute for Intellectual Property (NIIP) and Great Mission Group Consultancy (GMGC), where the Patent Office from Mumbai was involved in training the participants.

The national level competition was conducted from 24<sup>th</sup> – 26<sup>th</sup> Jan., 09, which consisted of Client Counseling Competition titled LEND A LAWYER, Negotiation Competition Titled ‘GETTING YES’, AD-LIB MOOT, where the participants had to moot with a preparation of 2 days only.

LOUIS M.BROWN INTERNATIONAL CLIENT COUNSELING COMPETITION:

National Rounds – Western & Central Region for Client Counseling were conducted on 31<sup>st</sup> Jan., 09 in which various Law Colleges from other states participated. Inauguration by Shri. Nelson Britto, Hon’ble Judge, High Court of Bombay

TATVA- THE LAW OF CREATION: ‘An exclusive student’s endeavor’ With the initiative of the Students’ Council, the students’ fraternity witnessed a grand event titled the ‘TATVA’, an intercollegiate competition providing a platform for showcasing the talents in various aspects like artistic talents, sports, oratory, etc.

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Awards/ Honours and Special Achievements

DIPLOMA IN CIVIL LAW Post-graduate course in cooperation between V. M. Salgãoocar College of Law, de Panjim, Goa, and the Faculty of Law of the University of Lisbon.

MOOT COURT:

Shivaji University's third All India Moot Court Competition in January 2009 – V.M. Salgaocar Law College was represented by Sinatra D'Souza, Ashwin Ramani & Natasha Nazareth and won third prize.

Arjun Natarajan (Fifth Year L. L. B. (Hons)) was adjudged Best Advocate at the National Moot Court Competition on Human Rights organised by R. L. Law College, Belgaum.

Winners of 9<sup>th</sup> Justice P. Govinda Menon National Client Interviewing and Counselling Competition at the Kerala Law Academy, Trivandrum, Charles De Souza, Vasudha Sawaiker, Natasha Pai, Christabelle De Souza.

NSS: *Programme officers - S. A. Mandrekar & K. S. Rao*

No. of units in the college- 2

Activities organized are: Rally on World Breast Feeding Week, visit to Red Ribbon Express, Tree Plantation, orientation on First Aid by staff of Red Cross Society, NSS Special Camp, National Rural Employees Guarantee Scheme, visit to orphanage and Blood Donation Camp.

M. Pinheiro, Invited to judge teams at the national rounds of Louis M. Brown International Client Counseling Competition on 21<sup>st</sup> - 22<sup>nd</sup> Feb., 09 at Dr. Ram Manohar Lohiya National Law University, Lucknow. Invited as resource person by University Law College & P. G. Department of Law Bangalore University, Bangalore and delivered lecture on Clinical Legal Aid in the UGC Refresher Course in legal studies for law teachers, Invited by Centre for Developing Societies and Lok Niti to attend a conference on Children's Rights at Delhi University.

M. R. K. Prasad, Resource person for Human Rights Certificate Course organized by G. R. Kare Law College.

Legal Aid and Community Lawyering in India — paper presented in a symposium on Legal Aid and Community Lawyering In Enhancing Social Justice – an Indo-American Experience organized by VMSCS & City University of New York Law School

Carmo D' Souza, Invited as a resource person at one day Nationwide Awareness Campaign on IPR to present a paper on "Importance of IPR Issues and Challenges" organized by CII; Invited as a Moderator at one day Nationwide Awareness Campaign on IPR, organized by CII; Delivered a guest lecture on ' Non Corporate Business Entities' for the MBA course, Semester II students at INC (ICFAI National College)

K. S. Rao, Selected as member, Goa State Legal Service Authority for a period of two years.

B. S. Patil, Chaired a session on Right to Education for Disabled Persons at a workshop for school administrators and head masters organized by ILS and NIVEH at Pune. Chaired a session at a workshop on orientation to convention on rights of persons with disabilities for NGOs, law students and law teachers organized by ILS and NIVEH at Pune.

Sandhya Ram S. A., Resource person at Summer School Sessions organized by Academic Staff College, Goa University.

Appointed as a member of Standing Committee for Prevention of Sexual Harassment of Women at Workplace of the Goa University.

Pearl Monteiro, Attended meetings of Local Ethics Committee of Goa Medical College in capacity of

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honorary member.

Nagesh Colvalkar, Trainer for the state officials under Right to Information organized by Directorate of Information & Publicity, Government of Goa. Trainer for the civil servants of government of Goa at Goa Institute of Management, Ribandar. Trainer for the state officials of government of Goa at Goa Institute of Rural Development Agency, Old Goa, Attended training for three days at GIRDA, Attended workshop on Portuguese Civil Code conducted by Goa Legislators' Forum.

Ranjana Ferrao, Resource person at a Session on Child Rights at Summer School organized by Academic Staff College, Coordinator of State Level Seminar on "Training in Patent Registration" organized in association with GMGC

### 5.29 Vidya Vikas Mandal's Govind Ramnath Kare College of Law, Margao.

Year of Establishment: 1979.

Principal's Name and Contact Address: Arun Sazu Nadkarni, Vidya Vikas Mandal's Govind Ramnath Kare College of Law, Margao.

Courses offered & sanctioned strength: L.L.B. (Degree) 320; Five Years L.L.B. (Hons.) 400, L.L.M. 40.

Faculty strength: 10.

Conference/Workshop organized

Two days National Seminar on " Medical Negligence and Doctors Liability ", 20<sup>th</sup> & /21<sup>st</sup> Sept.,08, Sponsored by UGC.

One day symposium on " Newly Enacted Terrorists Laws "In association with Public Cause Foundation, Sponsored by Public Cause Foundation.

One day seminar on " Terrorism in India : Do we need to re-enact POTA", 22<sup>nd</sup> Nov.,08.

### 5.30 Goa Dental College and Hospital, Bambolim.

Year of Establishment: 1980-81.

Principal's Name and Contact Address: P. K. Chandra, Goa Dental College and Hospital, Bambolim.

Courses offered & sanctioned strength: BDS - 40, MDS - 11.

Faculty strength: 24.

Conference/Workshop organized

Workshop on "Crown Preparation, Impresen Techniques and Temporization" by Aquil Reshamvala on 10<sup>th</sup> Aug., 08 at Verna in collaboration with DMG(Germany) and Denta; Avenue(India).

Lecture and Hands-on-Course on "Integrated Endodontics" by Anish Naware on 17<sup>th</sup> Aug., 08 at Verna in association with JV Medi Equip Marketing Pvt. Ltd., Alpha Omega Enterprises and Sybron-Endo Specicilities.

Lecture cum Hands-on-Course on "Noble-Guide in Implant Dentistry" by Nitish Suruthu on 14<sup>th</sup> sept., 08 at Verna in association with Noble Biocare(Sweden)

Publications	Foreign	Indian
Research papers in journals	03	09

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	11	08

Other Information: (Awards/Honours and Special Achievements)

Ajit D. Dinkar, was elected as Goa University representative on Dental Council of India.

### 5.31 Goa College of Architecture, Campal-Panaji.

Year of Establishment: 1982.

Principal's Name and Contact Address: Ravi Hazra, Goa College of Architecture, Campal, Panaji.

Courses offered & sanctioned strength: B. Arch. - 33.

Faculty strength:12.

Achievements of the College

a) Exhibition on Chandigarh and Brazilia. b) Upgradation of Computer lab. c) Upgradation of Library.

Conference/Workshop organized

Contemporary Construction in Rammed Earth. b) Archi CAD II - BIM, 5<sup>th</sup> and 6<sup>th</sup> Apr., 08. c) E-Learning – Power of Web 2, 23rd July, 08. d) Workshop on Housing Studio, Sept., 2008.

Conferences/Seminars./Workshop attended

Outside Country	Within the Country	Within Goa
-	1	-

### 5.32 Goa College of Music, Altinho – Panaji.

Year of Establishment: 1987

Principal's Name and Contact Address: Kamalakar B. Naik, Goa College of Music, Dr. T. B. Cunha Educational Complex, Altinho, Panaji Goa.

Courses offered & sanctioned strength: Foundation Course – 15, Bachelor of Performing -12 for Vocal Music & Arts 8 for Instrumental Music, Master of Performing Arts - 6.

Faculty strength: 7.

Achievements of the College

For the academic year 2008-2009, out of 12 students appeared for Bachelor of Performing Arts Degree course (final examination) in Vocal and Harmonium disciplines, 6 students passed securing first class and 6 students passed with Second Class.

Conference/Workshop organized

Organised Workshop on Vocal Music by Pt. S.S. Haldankar an eminent Musician and Vocal Artist from Mumbai from 22<sup>nd</sup> - 26<sup>th</sup> Sept.,08.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	1	-

Awards/Honours and Special Achievements

” Late Vilasini Kane” Memorial Award sponsored by Goa Hindu Association, Mumbai was awarded to Vikrant R. Naik, a Vocal student of this College for securing the first place in the Second Year Master of Performing Arts Degree Course in Vocal Music Examination held in Apr., 08.

“Late Kamlabai Hede” Memorial prizes were awarded to Alpita Gaonkar, Shantaae Shirodkar, Vocal students, and Rohit Naik Patekar and Vishnu Kazale, Tabla students for securing First and Second place at the Bachelor of Performing Arts Final examination in Vocal and Tabla disciplines.

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Special Achievements

A team of 15 members of the staff and students of Goa College of Music visited to Department of Music, University of Mumbai for giving music programme under Inter University College. Music Exchange Scheme from 25<sup>th</sup> - 27<sup>th</sup> Feb., 09.

**5.33 Institute of Nursing Education, Panaji.**

Year of Establishment: 1993.

Principal's Name and Contact Address: Carol Noronha, Institute of Nursing Education, Panaji.

Courses offered & sanctioned strength: B. Sc.(N) - 25.

Faculty strength: 19.

Conference/Workshop organized

Maria Helena Castro, Sushma Pinge & Jenny M. D'Sa, Innovative application of Nursing Process, Directorate of Health Services, 27<sup>th</sup> - 28<sup>th</sup> July, 08.

Avita Fernandes, Anna D'Soza Rauto & Shashilata Yadav 1st National Conference of SACON, Directorate of Health Services, 19<sup>th</sup> - 21st Feb., 09.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	06	05

**5.34 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, Post Box No. 139, Ponda Goa 403 401.

URL of website: www.gvmcollege.com.

Courses offered & sanctioned strength: B. Ed. – 100.

Faculty strength: 10.

Conference/Workshop organized

In collaboration with Intel Corporation Teach to the future programme, New Delhi organised 3 days workshop on Web2 Technology (on-line mode for the Teaching Learning process) from 6<sup>th</sup> Apr., 09 sponsored by U.G.C.

Publications	Foreign	Indian
Research papers in journals	-	04
In Edited Books	-	01

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	02	03

**5.35 B. S. P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda**

Year of Establishment: 1993.

Principal's Name and Contact Address: Yeriswamy H., B.S.P's Gomantak Ayurveda Mahavidyalaya &

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Research Centre, Vajem, Shiroda.

Courses offered & sanctioned strength: B. A. M. S. - 40

Faculty strength ; 36.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	06	01

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

M. Phil.	Ph.D.
-	1

### 5.36 Goa Medical College, Bambolim

Year of Establishment: 1961.

Principal's Name and Contact Address: V. N. Jindal, Goa Medical College, Bambolim.

Course offered and sanctioned strength: Ophthalmology- 100, M. S. (Ophthalmology) - 2, MBBS.-100 M.D. - 4 seats recognized by MCI, D.G.O. - 8 seats approved but not recognized by MCI, M.S. Orthopaedics - 2, M. D. (Anesthesia)- 3 & DA -4. M. D.(Biochemistry) 1, M. B. B. S. (Biochemistry)- 100, B.D.S.(Biochemistry) 40. M. B. B. S.(Surgery) -100.

Faculty strength:

Physiology: 14

Pharmacology: 11.

Ophthalmology: 7.

T.B. & Chest Diseases: 17.

Microbiology: 11.

Biochemistry: 8.

Anatomy : 10.

Skin and VD: 10.

Pathology: 16.

Orthopedics: 3.

Obstetrics & Gynaecology: 15.

Anesthesiology: 8.

Surgery: 10.

ENT : 5.

Achievements of the College

During the Academic year 2008-09, Goa Medical College made all round progress in the fields of teaching, research and health care.

Pathology: 1. Study of Salivary Gland Tumours in Goa. 2.Tumour and Tumour like lesions of the Testis and Para Testis. 3. FNAC of Intra Abdominal masses. 4.Incidence, nature and pattern of Tumours of Uterus. 5.Correlation of endoscopic FNAC and Histopathology of lesions of Upper GIT.

The Department Microbiology is actively involved in the undergraduate teaching of students belonging to various fields, such as MBBS, BDS, Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques and First Year BSc (Nursing), in addition to Postgraduate MDS students.

Apart from teaching activities, the Department is also involved in the routine diagnostic bench work and various National Programmes like HIV Surveillance and Sentinel Surveillance, Revised National Tuberculosis Control Programme (RNTCP), Integrated Disease Surveillance Programme (IDSP), External Quality Assurance (EQAS) for CD4 Testing and External Quality Control for VDRL Test for Syphilis.

The Department is now actively setting up the Intermediate Reference Laboratory in order to undertake diagnostic services relating to Tuberculosis, for the state of Goa.

The Departmental staff is involved in AIDS awareness programmes being conducted periodically for medical, paramedical and non medical persons, within and outside this Institution. The Department also provides free testing facilities for CD4 counts for HIV positive individuals as a part of ART (Antiretroviral therapy) Programme in collaboration with Goa State AIDS Control Society (GSACS) and National AIDS Control Organization (NACO). Serological testing facilities for exotic viral diseases, such as Dengue, Japanese Encephalitis and other bacterial infections like Leptospirosis are available at the Regional Laboratory, which has been recently established, with the support from DGHS, New Delhi. The Department is actively participating in the RNTCP (Revised National Tuberculosis Control Programme) and has one Centre attached to it.

Department of Anaesthesiology offers Autoanalyser(Abott) with modern technology hospital services.

The ENT dept. is the only dept. offering MS-ENT course which is recognised by New Delhi.

New Course(s) started

M. Ch. degree in Neurosurgery.

Conferences/Workshops organized

Dept of T.B. & Chest Diseases organised west zonal workshop for implementation of RNTCP in Medical Colleges of west zone states of India from 12th & 13th Sept., 08.

Dept of Neurosurgery organised CME: lecture: Corpectomy, Neurocysticercor.

Dept of OBG organised One (CME on 25<sup>th</sup> Apr., 09) Topics covered:

Newer Techniques in Caesarean section

Instrumental deliveries

Screening for cancer cervix

Fetal Therapy

Department of Anaesthesiology: (1) "Practical Guidelines on Fluid Therapy", Aug.09. (2) CME Workshop on Ultrasound Guided Regional Anaesthesia, Feb., 09. (3) CME 2008 Modern Anaesthesia, Nov., 2008.

Dept of Surgery Operative Workshop on Oncological Colo-rectal & Hepatic Surgery on 1<sup>st</sup> Aug.,08 conducted by Parul Shukla, Head G.I. Surgical Oncology, Tata Memorial Hospital Mumbai.

A Guest Lecture was organised in the ENT dept by Mohan Kameshwaran, Chennai.

Publications	Foreign	Indian
Research papers in journals	20	5

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
10	32	21

Awards/Honours and Special Achievements

P. E. Natekar, Dept.of Anatomy, awarded for excellent presentation for International Live Surgery workshop at New Delhi.

S. S. Lahiri, Dept.of Anatomy, awarded for International departmental trophy.

N. De Almeida, Dept.of Anatomy, awarded consolation prize for poster presentation at 56th National conference of anatomical society of India of Medical Sciences, Banaras Hindu University, Varanasi, UP.

A. M. Mesquita, Prof. appointed as President of I.A.B.(Indian Association for Bronchology) and delivered

the Dr Rajan Santoshan Oration on “Bronchoscopy, Past, Present and Future”.

Various staff members of the Pathology department attended National and International Conference, CME's and workshops in Pathology and were Faculty for scientific programmes.

Manjusha Jindal & Dr. Pia Muriel Cardoso were conferred with Fellowship of ICOG.

Practical applications on mechanical ventilation – simple, practical and basic book only on ventilator  
Shaila Kamat, Dept of Anesthesia, Published book on Ventilators.

C. P. Das, Dept. of ENT, was inspector for MCI New Delhi and NBE - New Delhi.

Dept. of Skin & VD, the 9th round of National Sentiinal Survey (non linked anonymous testing of blood samples for HIV was conducted from Oct., to dec., 09. The ongoing research works are: 1. Dermatosisin Alcoholic patients. 2. Genital Dermatosis. 3. A study in Tinea Pedis.

### **5.37 Shri. Kamaxidevi Homeopathic Medical College & Hospital, Shiroda**

Year of Establishment: 1998

Principal's Name and Contact Address: Arvind Kothe, Shri. Kamaxidevi Homeopathic Medical College & Hospital, Shiroda.

URL of website: [www.homoeopathycollegegoa.org](http://www.homoeopathycollegegoa.org).

Courses offered & sanctioned strength: BHMS – 50.

### **5.38 National Hydrographic School, Vasco-Da-Gama.**

Year of Establishment: 1978.

Principal's Name and Contact Address: Capt. A. K. Jolly, Office-in-charge, National Hydrographic School, c/o Headquarters, Goa Naval Area, Vasco-Da-Gama 403 802.

URL of website: [www.nhsgoa-india.gov.in](http://www.nhsgoa-india.gov.in).

Courses offered & sanctioned strength: Master in Hydrographic Survey-15.

Faculty strength: 7.

Achievements of the College

ERDAS software with network licence installed on 1+10 nodes for training on photogrammetry

ECDIS installed for practical training.

One officer and Seven sailors underwent Teaching Techniques course conducted by National Institute of Education and Teaching Technology, Kochi.

Conferences/Workshops organized

World Environment Day, NIH, 5th Jun, 09.

World Hydrography Day, NIH, 21st Jun, 09.

Conferences/Seminars/Workshops attended:

Outside Country	Within the Country	Within Goa
-	04	-

-

Other Information: (Awards/Honours and Special Achievements).

Commendation by the Chief of Naval Staff - 01.

Commendation by Flag Officer Commanding-in-Chief, South - 01.

### **5.39 Padre Conceicao College of Engineering, Verna.**

Year of Establishment: 1997.

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Principal's Name and Contact Address: Luis C. Mesquita, Padre Conceicao College of Engineering, Verna, Goa 403 722.

URL of website: www.pccegoa.org.

Courses offered & sanctioned strength: B. E. Comp (UG)-66, B. E. ETC (UG)-66, B. E. Mech (UG)-66, B. E. IT (UG)-66 and M. E. IT (PG)-18.

**Faculty strength:** 69.

**Teachers deputed for higher studies under FIP or on Fellowship abroad**

Laxmikant Bordekar, ETC Engg., M.E., Goa Engineering College, Farmagudi.

Megha Ainapurkar, Comp Engg., M.E., Padre Conceicao College of Engineering, Verna.

**Sports achievements**

Apart from Goa University sports events, the College took part in "SPREE" organized by BITS PILANI Goa Campus in the following events and secured the following positions:

Basketball (Men) - Winners

Volleyball (Men) - Winners

Table-tennis (Women) - Winners

Football (Men) - Runners Up

**Conferences/Workshops organized**

Training programmes and workshops conducted by the training and placement cell:

Intel Blue Buddies program was held at PCCE on 14<sup>th</sup> Oct., 08 for the B. E and T. E Engineering students of Information Technology, Computer Engineering and Electronics and Telecommunication Engineering Departments. The sessions included VLSI design, PC platform and associated components architecture and Introduction to Intel Youth Web Portal. The session concluded with a Techie Quiz.

Confederation of Indian Industry (CII) in association with Training and Placement Office (PCCE) conducted 'Visioning Workshop for India@75 or Goa @60 for 2022 on 11<sup>th</sup> Oct., 08 at PCCE. 10 Faculty Members and 32 students from PCCE participated in this workshop.

20 Faculty Members from PCCE participated in the Faculty-Technical Development Program on Software, Wi-Max, CAD and SMT Technology conducted by TATA Consultancy Services, Goa held on 25<sup>th</sup> July, 08 at PCCE as part of TCS Academic Interface Program.

**Guest Lectures and Workshops:**

ISTE approved Short Term Training Program on J2EE (Java 2 Enterprise Edition) was organized by Computer Engineering and Information Technology Departments of Padre Conceicao College of Engineering, Verna-Goa from the 10<sup>th</sup> -14<sup>th</sup> of Nov., 08.

SPEAKOUT, a technical event was organized by the Electronics and Telecommunications Department on the 16<sup>th</sup> & 17<sup>th</sup> Oct., 08.

The ITRIX – Robotics Workshop was organized by the SENATE (Society of Electronics & Telecommunication Engineering) Council, Electronics and Telecommunication Engineering Department under the guidance of the Faculty Members, Niyam Marchon and Laxmikant Bordekar on the 10<sup>th</sup> and 11<sup>th</sup> Oct., 08. This Robotics workshop was conducted by the resource persons from the Robotics Institute (TRI- IIT- Mumbai). 78 students from PCCE, RIT and GEC attended this workshop.

Consortium of Students of Mechanical Engineering (COSME) under the guidance of faculty coordinators Joe Kurian and Neena Panandikar organized 'ENIGMA '08' on 10<sup>th</sup> Oct., 08. The events organized were model making, CAD-modeling and Debate. The following students coordinated the events: Ashwin Dessai, Prajyot Dessai and Reagan Fernandes.

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Rajiv Gandhi Akshey Urja Divas was organized by REC (Renewable Energy Cell) and Mechanical Engineering Department, PCCE under guidance of Jagannath Hirkude, Co-ordinator REC-PCCE on 20<sup>th</sup> Aug., 08. Elocution and poster making competition on 'Current Energy Issues' was organized. Around 40 students from PCCE participated in this program.

Events conducted by the departments:

The Consortium of Students of Mechanical Engineering (COSME) organized Blood donation Camp on 20<sup>th</sup> March 2009 for faculty and students of PCCE.

ISTE approved Oracle 10g workshop was organized held by Computer Engineering and Information Technology Department of Padre Conceicao College of Engineering from 29<sup>th</sup> June - 3<sup>rd</sup> July, 09. A robotics laboratory was launched in June 2009 to enhance knowledge on automation and artificial intelligence.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	4	8

#### 5.40 V. V. M's H. M. N. Gaunekar Institute of Management Training and Research, Margao.

Year of Establishment: 1981

Principal's Name and Contact Address: Atul Shah, V. V. M's H. M. N. Gaunekar Institute of Management Training and Research, Shri Damodar College Complex, Govind Ramnath Kare Road, P. O. Box 413, Tansor, Comba, Margao.

Courses offered & Sanctioned strength: Post Graduate Diploma in Management (PGDM) 35.

Faculty strength: 8.

Achievements of the College

June 5<sup>th</sup> & 6<sup>th</sup>, Programme for Vidya Vikas Academy (school).

June 18<sup>th</sup> & 19<sup>th</sup>, Programme for Goa Shipyard Ltd, employees.

June 20<sup>th</sup> & 21<sup>st</sup>, Programme at MRF.

June 24<sup>th</sup> & 25<sup>th</sup>, Programme on "Emotional Intelligence" sponsored by the Ministry of Environment & Forests for the IFS Officers.

June 30<sup>th</sup>, Programme for staff of DSP Breweries.

July 17<sup>th</sup> & 18<sup>th</sup>, Programme for Goa Shipyard Ltd, employees.

Aug., 21<sup>st</sup> & 22<sup>nd</sup>, Programme for Goa Sipyard Ltd employees.

Aug, 2 weeks training programme for V.M salgaocars staff on "English speaking".

Sept., 22<sup>nd</sup> - 26<sup>th</sup>, IFS training programme on (M.E.A.L) Managerial Effectiveness & Leadership).

Oct. 2<sup>nd</sup>, Training programme for Meta Copper & Alloys.

Oct. 18<sup>th</sup>, 25<sup>th</sup>, 29<sup>th</sup> & Nov., 11<sup>th</sup>, Training programme for Sanofi Aventis.

Nov., 17<sup>th</sup> -21<sup>st</sup>, IFS training programme on "Team Work at Work".

Dec., 26<sup>th</sup> -27<sup>th</sup>, Training programme "Leadership at Work" for Sanofi Aventis.

Jan. 14<sup>th</sup> "Training & Development " for Associates.

Feb. 9<sup>th</sup> -13<sup>th</sup>, IFS training programme on "Stress Management".

Mar 15<sup>th</sup>, “Managing Time” for Associates.

April 10<sup>th</sup>. ‘Finance for Non-Finance Officials.

April 29<sup>th</sup> -30<sup>th</sup> 2009, “Management Development” Programme for GSL.

May 30<sup>th</sup>, Training programme for the Administrative staff of Dhempe College.

#### 5.41 INS Hamla, Marve, Malad (W) Mumbai.

Year of Establishment: 1954

Principal’s Name and Contact Address: CDR R. K. Singh, INS Hamla, Marve, Malad (W) Mumbai.

Courses offered & sanctioned strength: M. B. A. (LM) – 20.

Faculty strength: 17.

Achievements of the College

Completed seven MBA(LM) programme till date.

AICTE accreditation obtained.

Enhancement in Training & Admin infrastructures.

Conference/Workshop organized

Work Capsule, Indian Navy, Annual Logistics Conference.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	01	01

#### 5.42 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.

URL of website: www.ritgoa.com

Courses offered & sanctioned strength: Electronics & Telecommunication Engineering - 60, Computer Engineering - 60 and Information Technology - 60.

Faculty strength: 46.

Achievements of the College

Organised an Inter Collegiate Technical event & exhibition under the banner of a “Tech-Twister 09” which includes events such as Proyecto, Medula, Defective Yeti, Mouse Killer, Thunderdrome, Sudoku, Chess, Keleidoscope, Word Warriors, Consumerist, Technocraft, Tehnovium, Dimensions and Armageddon, etc. This was also participated by institutions outside Goa.

The students of three different streams are exposed to common programmes of strengthening the fundamentals by engaging them on a common platform particularly in the context of placement and personality development.

ETSA Dept. of E & TC.

CLICK Dept. of Computer

ELITE Dept. of IT

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Sports achievements

Participating in and winning Inter-Collegiate and Intra-Collegiate sports events like table tennis, cricket, badminton, swimming, chess, football and basketball have part of students life in the RIT Campus.

Conferences/Seminars/Workshop attended

Outside Country	Within the Country	Within Goa
-	09	16

Other Information: (Awards/Honours and Special Achievements).

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.

**5.43 Ponda Education Society's College of Education, Farmagudi – Ponda**

Year of Establishment: 2004.

Principal's Name and Contact Address: Shashikala G. Gaikwad, Ponda Education Society's College of Education, Post No. 3 Farmagudi Ponda Goa.

Courses offered & sanctioned strength: B. Ed. – 100.

Faculty strength: 04.

**5.44 Victor Medical & Research Foundation College of Nursing Apollo- Margao.**

Year of Establishment: 2007

Principal's Name and Contact Address: Maria Antao, Victor Medical & Research Foundation College of Nursing Apollo- Margao.

Courses offered & sanctioned strength: B. Sc. Nursing - 30.

**5.45 Institute of Psychiatry & Human Behavior, Bambolim.**

Year of Establishment: 1980

Principal's Name and Contact Address: V. N. Jindal, Institute of Psychiatry & Human Behavior, Bambolim.

**5.46 Vrundavan Institute of Nursing Education College of Nursing, Porvorim.**

Year of Establishment: 2005.

Principal's Name and Contact Address: Sharon Nazareth, Vrundavan Institute of Nursing Education College of Nursing

Courses offered & sanctioned strength: B. Sc. Nursing – 40.

Faculty strength: 08.

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

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M. Phil.	Ph.D.
03	-

#### 5.47 P. E. S. College of Pharmacy Education & Research, Farmagudi, Ponda.

Year of Establishment: 2007.

Principal's Name and Contact Address: R. V. Gaitonde, P. E. S.'s College of Pharmacy Education & Research, Farmagudi, Ponda Goa

URL of website: [www.pespharma.edu.in](http://www.pespharma.edu.in).

Courses offered & sanctioned strength: B. Pharm, F. Y. 60 S. Y. 66.

Faculty strength: 08.

Publications	Foreign	Indian
Research papers in journals	4	26

Conferences/Seminars/Workshop attended:

Outside Country	Within the Country	Within Goa
-	8	1

No. of teachers who obtained research degree in 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: Delio de Mendonça.  
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 National 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 All India Institute of Local Self Government, Panaji.