

GOA UNIVERSITY

CHANCELLOR

H. E. Shri S. C. Jamir

VICE-CHANCELLOR

Prof. P. S. Zacharias

REGISTRAR

Prof. J. S. Budkuley

DEAN OF FACULTIES

Languages & Literature

N. Jayaram From 1st June 2003 to 22nd October 2003
A. V. Afonso From 23rd October 2003 to 31st May 2004

Social Sciences

A. V. Afonso From June 2003 to May 2004

Natural Sciences

Y. S. Prahlad From June 2003 to May 2004

Life Sc. & Environment

D. J. Bhat From June 2003 to May 2004

Management Studies

A. Sreekumar Upto 28th June 2003
V C From 29th June 2003 to 31st May 2004

Engineering and Architecture

A. R. Naik From June 2003 to 31st May 2004

Medicine

V. G. Dhume From 1st June 2003 to 16th March 2004
C. P. Das From 17th March 2004 to 31st May 2004

Design

Jaimini Mehta From 11th July 2003 to 31st May 2004

Law

V C From 1st June 2003 to 10th July 2003

Marian Pinheiro From 11th July 2003 to 31st May 2004

Performing Fine Arts & Music

V C From 1st June 2003 to 10th July 2003

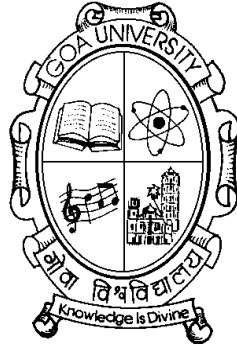
Kamalakar Naik From 11th July 2003 to 31st May 2004

Commerce

Vice-Chancellor From June 2003 to May 2004

XIX ANNUAL REPORT

June 2003 – May 2004



GOA UNIVERSITY
TALEIGAO PLATEAU
GOA 403 206

P R E F A C E

It gives me great pleasure to present the nineteenth Annual Report of Goa University for the academic year 2003-2004. The annual report is presented in seven parts, Part 1 – University authorities and bodies, Part 2 - University Departments, Centres and Programmes, Part 3 - Seminars/ Conferences/ Workshops and Research publications, Part 4 - General Administration, Part 5 –Affiliated Colleges, Part 6 - Recognised Institutions and Part 7 – Financial Statement. Appendix contains information on admissions at UG and PG courses for the year 2004-05. This report has been compiled by the University based on the information provided by the various administrative sections, PG departments / centers/ affiliated colleges and recognized institutions. Goa University has completed nineteen years since its establishment on 30th June 1985. It is an affiliating University with post graduate teaching and research carried out on the beautiful campus, spread over 175 hectares. There are now 23 teaching departments, 2 UGC centres, an academic staff college for in-service-training of teachers, 45 affiliated colleges inclusive of professional and non-professional colleges and 7 recognised institutions conducting research . The University was accredited in 2001 by NAAC with a 4 star rating on a 5 point scale. The teaching and research activities of the University continue to flourish. Seven of the science departments, Chemistry, Earth Science, Mathematics, Physics, Botany, Marine Sciences and Zoology are supported by DST under FIST (Funds for Infrastructure in Science and Technology) with grants ranging from Rs.15 to Rs.50 lakhs. Four science departments, Chemistry, Physics, Earth Sciences and Botany receive research grants under SAP (Special Assistance Programme) of UGC. OSTC (Ocean Science and Technology Cell) attached to the department of Microbiology receive special grants from DOD (Department of Ocean Development) for its research activities. The M. Sc. biotechnology programme is supported by DBT from its inception. These are in addition to several research grants, about 44, awarded to individual faculty members by UGC, CSIR, DST, DBT, DOD, ICMR, ICHR etc. supplementing the research activities by about 9 crores of rupees.

The University has received Rs.405 lakhs (4.05 crores) as the X plan support from UGC of which Rs. one crore is earmarked for the construction of an international students hostel. The plan for the hostel is now finalized. The Local Area Network (LAN) with 512 kbps bandwidth regularly receives e-journals in the library as part of the Goa University UGC-ERNET agreement of 2002. Goa University has taken the initiative to network the libraries of the colleges with the university library under the programme 'Goa University Academic Library Network' (GOALNET). Some 22 colleges have been covered so far under this programme. In January 2004, the President of India H.E. Dr. A.P.J.Abdul Kalam launched Goa University-IIT Bombay Distance Education programme in Information Technology. Distance Education, Information and Training Infrastructure (DEITI) was uplinked to satellite 3B in August 2004. This facility is now being re configured to 'Edusat'satellite'. Since the uplinking, DEITI has been broadcasting 1 hr. programmes to the receiving centers regularly. The Study India Programme (SIP), currently in the second year has nine Japanese students undergoing one semester course work (Sept. 2004 to February 2005). The website www.goauniversity.org provides information on the University. The sixteenth annual convocation of the University was held on 14th February 2004. H.E. Shri T. N. Chaturvedi, Governor of Karnataka was the Chief Guest and delivered the convocation address. I express my gratitude to H.E. the Governor of Goa and Chancellor of Goa University for his keen interest in the functioning and progress of the University. I am extremely thankful to the State Govt. for its continued support to the University. I also thank the University Grants Commission for the liberal support under various schemes. My sincere thanks to the members of the Executive Council, Academic Council, Court, Planning Board and other bodies of the University for their wise counsel and cooperation. My thanks are

also to all teaching, non-teaching staff members and students for making 2003-04 yet another successful year.

Taleigao Plateau
January 2005

Prof. P. S. Zacharias
Vice-Chancellor

Knowledge Is Divine

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P R E F A C E

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The University has received Rs.405 lakhs (4.05 crores) as the X plan support from UGC of which Rs. one crore is earmarked for the construction of an international students hostel. The plan for the hostel is now finalized. The Local Area Network (LAN) with 512 kbps bandwidth regularly receives e-journals in the library as part of the Goa University UGC-ERNET agreement of 2002. Goa University has taken the initiative to network the libraries of the colleges with the university library under the programme 'Goa University Academic Library Network' (GOALNET). Some 22 colleges have been covered so far under this programme. In January 2004, the President of India H.E. Dr. A.P.J.Abdul Kalam launched Goa University-IIT Bombay Distance Education programme in Information Technology. Distance

Education, Information and Training Infrastructure (DEITI) was uplinked to satellite 3B in August 2004. This facility is now being re configured to 'Edusat'satellite'. Since the uplinking, DEITI has been broadcasting 1 hr. programmes to the receiving centers regularly. The Study India Programme (SIP), currently in the second year has nine Japanese students undergoing one semester course work (Sept. 2004 to February 2005). The website www.goauniversity.org provides information on the University. The sixteenth annual convocation of the University was held on 14th February 2004. H.E. Shri T. N. Chaturvedi, Governor of Karnataka was the Chief Guest and delivered the convocation address. I express my gratitude to H.E. the Governor of Goa and Chancellor of Goa University for his keen interest in the functioning and progress of the University. I am extremely thankful to the State Govt. for its continued support to the University. I also thank the University Grants Commission for the liberal support under various schemes. My sincere thanks to the members of the Executive Council, Academic Council, Court, Planning Board and other bodies of the University for their wise counsel and cooperation. My thanks are also to all teaching, non-teaching staff members and students for making 2003-04 yet another successful year.

Taleigao Plateau

January 2005

Prof. P. S. Zacharias

Vice-Chancellor

INTRODUCTION

As an institution progresses, changes are vital. Goa University has also had a fair share of change and achievements this year - planned in detail, changes that we hope will take us on our way to our goals.

Goa University is the only University in the state of Goa and also one of the renowned centres for higher education in the country. The University was established in the year 1985-86

around the nucleus of Centre for Post Graduate Instruction and Research of the University of Bombay in Goa. Goa University has academic programmes in a wide range of subjects, and options here are extended further by the inter-disciplinary nature of courses taught. We are constantly exploring ways to make your courses relevant to the world at large by offering courses in Latin American Studies, French, Portuguese, Computer Science and Technology, Business Administration, Marine-Biotechnology etc. PG Diploma and Certificate Courses are also offered with an objective to cater to the requirement of various Industries and Services in Goa and to provide the required manpower.

We proudly present before you the Annual Report for the year 2003-04 which has been inspired by the ideas of our esteemed Vice-Chancellor. He has shown great interest in our endeavour and constantly encouraged us to bring out an Annual Report which is both precise and adequate reflecting the strengths and achievements of Goa university..

The information published in the Annual Report has been edited by the team on the basis of inputs received from the various constituents of the University as per the prescribed format made available for the same. The information which has academic value for the particular stream only has been included, thereby making the Annual Report more academic-information-oriented and also precise in information- reporting. Change has to be constant for bringing out the best and therefore, we look forward to ideas and suggestions from you to improve the publication of Annual Report in the years to come. Please feel free to send your valuable inputs to the Publication Unit.

This Annual Report has been possible because of the valuable contributions from one and all. The contents of the Annual Report have been received from the various constituents mostly in the electronic format and the Committee wishes to acknowledge the same. A word of praise for Publication Unit for sincere efforts in giving adequate support and valuable inputs in bringing out this Annual Report. The cover credit is to the faculty and students of Goa College of Art who have been very supportive to the University. The report has been printed at M/s Alto Typesetters who have been on the dot in publishing the same by the due date. Lastly, the committee would like to thank all those who have directly or indirectly contributed in bringing out this Annual Report.

K. S. Bhat

Madhavi Sardesai

I. K. Pai

Koshy Tharakan

PART I: UNIVERSITY AUTHORITIES AND BODIES**1.1 Members of Executive Council**

P. S. Zacharias, Vice-Chancellor, Goa University, <i>Chairman (ex officio)</i>	
Nominees of the Chancellor	
R. Ramakrishna, IAS (retd), 90, Aupam Apartments, M. B. Road, New Delhi, <i>Member</i>	Ramchandra (Dinar) Balkrishna Bhatkar, Ist Floor, vaikunth Niwas, Near Youth Hostel, Miramar, Panaji-Goa, <i>Member</i>
Gen. S. F. Rodrigues (Retd), Former Chief of the Army Staff, Defence Colony, Porvorim, <i>Member</i>	
Nominees of the State Government	
Shrinivas V. Dempo. Chairman, Dempo Group of Companies, <i>Member</i>	D. P. Pednekar, Dharmasthala, Vijay Nagar Colony, Alto Torda, Alto Porvorim-Goa, <i>Member</i>
Vijay S. Madan, Secretary (Higher Education) Govt. of Goa, <i>Member (ex officio)</i>	Dharmendra Sharma, Secretary (Finance) Govt. of Goa, <i>Member (ex officio)</i>
Nominees of the Vice-Chancellor	
Y. S. Prahlad, Dean, Faculty of Natural Sciences, Head, Dept. of Mathematics, Goa University, <i>Member</i>	V. G. Dhume, Dean, Faculty of Medicine & Head, Department of Pharmacology, Goa Medical College, Bambolim, <i>Member (upto March 2004)</i>
A. R. Naik, Dean, Faculty of Engineering, Goa Engineering College, Farmagudi, <i>Member</i>	Rita Paes, Principal, Nirmala Inst. of Education, Altinho, Panaji – Goa, <i>Member</i>
P. R. Sarode, Head, Department of Physics, Goa University, <i>Member</i>	
J. S. Budkuley, Registrar, Goa University, <i>Member Secretary (ex officio)</i>	

During the year 2003-2004, eleven regular meetings of the Executive Council were held. The dates are as follows: 07.06.2003, 05.07.2003, 09.08.2003, 11.10.2003, 28.10.2003, 08.11.2003, 13.12.2003, 10.01.2004, 07.02.2004, 13.03.2004 and 08.05.2004

1.2 Members of University Court

P. S. Zacharias, Vice-Chancellor, <i>Chairman (ex officio)</i>	
Nominees of the Chancellor	
Eurico D'Silva, Retired Judge, High Court, Margao Goa, <i>Member</i>	Maria Couto, 1037, Caronha Aldona, Bardez - Goa, <i>Member</i>
Nalin S. Kohli, S-18, Greater Kailash-II, New Delhi, <i>Member</i>	Prof. Gajanan V. Prabhu Gaunkar, Professor, Department of Metallurgical Engineering and Materials Science, Indian Institute of Technology, Powai, Mumbai - 400 076, <i>Member</i>
Nominees of the State Government	
Adv. Ganesh Shiva Kubal, Reporter Colony, Opp. Housg. Board Office, Alto-Porvorim, bardez-Goa, <i>Member</i>	P. M. Sawant, Sunita Niwas Building, Near Purnima Lodge, Ansabhat, Mapusa, Bardez-Goa, <i>Member</i>
S. P. Dixit. House No. 317, "Shrikrupa-Nagar", Shirshirem, Borim, Ponda - Goa, <i>Member</i>	Adv. S. U. Kerkar, A2, Sukhtankar Plaza, Dattawadi, Sankhli-Goa, <i>Member</i>
Nominees of the Executive Council	
Y. S. Prahlad, Dean, Faculty of Natural Sciences, Goa University, <i>Member</i>	A. Sreekumar, Dean, Faculty of Management Studies, Goa University, <i>Member</i> (upto 28.06.2004)
D. J. Bhat, Dean, Faculty of Life Sciences & Environment, Goa University, <i>Member</i>	Chairman/President, Goa Vidya Prasarak Mandal, Ponda Goa, <i>Member</i>
V. G. Dhume, Dean, Faculty of Medicine, Goa Medical College, <i>Member</i> (upto March 2004)	Gurudas Sawant, Chairman, University Students Council, Goa University, <i>Member</i>
A. R. Naik, Dean, Faculty of Engineering and Architecture, Goa College of Engineering, <i>Member</i>	Chairman/President, Shivgram Educational Society, Shiroda - Goa, <i>Member</i>
University Professors	

Peter R. D'Souza, Professor, Department of Political Science, Goa University, <i>Member</i> (upto 27.01.2004)	G. N. Nayak, Professor, Department of Marine Science, Goa University, <i>Member</i> (w.e.f. 27.01.2004)
P. V. Desai, Professor, Department of Zoology, Goa University, <i>Member</i> (w.e.f. 27.01.2004)	V. Shivkumar, Dean, Faculty of Social Sciences, Goa University, <i>Member</i>
N. Jayaram, Professor & Head, Department of Sociology, Goa University, <i>Member</i> (upto 22.10.2003)	A. G. Desai, Professor, Department of Earth Sciences, Goa University, <i>Member</i>
Principal of Affiliated Colleges	
S. L. Sardessai, Principal, S.S. Dempo College of Commerce, Altinho, Panaji – Goa, <i>Member</i>	D. P. Roy, Principal, Goa College of Engineering, Farmagudi - Goa, <i>Member</i>
Marian Pinheiro, Principal, M. S. College of Law, Panaji - Goa, <i>Member</i>	B. A. Gomes, Principal, Govt. College of Arts, Science & Commerce, Sanquelim - Goa, <i>Member</i>
A. Suresh Rao, Director, V.V.M.'s Institute of Management Training and Research, Margao – Goa, <i>Member</i>	
Elected Members	
Subrahmanya Bhat K. M., Lecturer, Shree Damodar College of Commerce & Economics, Margao – Goa, <i>Member</i>	Tushar Shamba Anvekar, Lecturer, St. Xavier's College of Arts, Science and Commerce, Mapusa – Goa, <i>Member</i>
Jeronimo G. Remigo Monteiro, Lecturer, P. E. S. College of Arts & Science, Farmagudi – Goa, <i>Member</i>	Jude Rodrigues, Associate Professor, Goa Medical College, Bambolim – Goa, <i>Member</i>
S. K. Shyama, Lecturer, Department of Zoology, Goa University, <i>Member</i>	Audhoot K. Satardekar, Lecturer, Carmel College of Arts, Science & Commerce for Women, Nuvem – Goa, <i>Member</i>
Suhas J. Godse, Lecturer, Dhempe College of Arts & Science, Miramar, Panaji – Goa, <i>Member</i>	V. P. Kamat, Lecturer, Department of Chemistry (Organic), Goa University, <i>Member</i>
Annie Rajan, Lecturer, Dhempe College of Arts & Science, Miramar, Panaji – Goa, <i>Member</i>	

J. S. Budkuley, Registrar, Goa University, <i>Member Secretary (ex officio)</i>	
Nominee of the Executive Council Representative of Non-Teaching Staff	
M. Shreedhara, Deputy Registrar, Goa University, <i>Member</i>	

During the year 2003-2004, two meetings of the Court were held. The dates are as follows:
26.07.2003, 23.03.2004

1.3 Members of Academic Council

P. S. Zacharias, Vice-Chancellor, <i>Chairman (ex officio)</i>	
Nominees of the Chancellor	
Adi H. Doctor, Retd. Professor of GU, H. N. 761, Perin Villa, Opp. Xavier Centre for Historical Research 7 Konkani Kendra Office, B.B.Borkar Road, Alto-Porvorim-Goa, <i>Member</i>	P. P. Shirodkar, Former Director of Archives Vatsalya, B. B. Borkar Road, Alto Porvorim-Goa, <i>Member</i>
N. Sheshagiri, Former Director General of NIC, 9-D Cross, 40 Main Road – Phase I J. P. Nagar, Bangalore-78, <i>Member</i>	Padma Ramachandran, Former Chief Secretary, Kerala, G-4. Jawahar Nagar, Thiruvananthapuram, <i>Member</i>

S. K. Gandhe, Former Pro-Vice Chancellor, IGNOU, Kavita, 195, Mahtma Cop. Housing Society, Behind Gandhi Bhavan, Kothrud, Pune, <i>Member</i>	
Nominees of the Vice-Chancellor	
N. Jayaram, Dean, Faculty of Languages and Literature, Goa University, <i>Member</i>	V. G. Dhume, Dean, Faculty of Medicine, Goa Medical College, <i>(ex officio)</i> (from June 2003 to March 2004)
A. V. Afonso, Professor, Faculty of Social Sciences, Goa University, <i>Member</i>	A. R. Naik, Dean, Faculty of Engineering and Architecture, Goa College of Engineering, <i>(ex officio)</i>

Y. S. Prahlad, Dean, Faculty of Natural Sciences, Goa University, (<i>ex officio</i>)	Kamalakar Naik, Dean, Faculty of Performing, Fine Arts & Music, (<i>ex officio</i>)
D. J. Bhat, Dean, Faculty of Life Sciences & Environment, Goa University, (<i>ex officio</i>)	Marian Pinheiro, Dean, Faculty of Law, (<i>ex officio</i>)
A. Sreekumar, Dean, Faculty of Management Studies, Goa University, (<i>ex officio</i>) (Upto 28.06.2003)	P. S. Zacharias, Dean, Faculty of Commerce, (<i>ex officio</i>)
Nominees of the Executive Council University Professors	
S. D. Komarpant, Professor, Department of Marathi, Goa University, <i>Member</i>	P. G. Dessai, Professor, Department of Earth Sciences, Goa University, <i>Member</i>
A. V. Afonso, Professor, Faculty of Social Sciences, Goa University, <i>Member</i>	N. Jayaram, Professor, Faculty of Languages and Literature, Goa University, <i>Member</i>
P. R. Sarode, Professor, Department of Physics, Goa University, <i>Member</i>	
Principals of Affiliated Colleges	
Mahesh V. Vengurlekar, Principal, Goa College of Art, Panaji-Goa, <i>Member</i>	Sr. Florence Mary A.C., Carmel College for Women, Nuvem-Goa, <i>Member</i>
Fr. Frederick Rodrigues, Principal, Fr. Agnel College of Arts & Commerce, Panaji-Goa, <i>Member</i>	D. P. Roy, Principal, Goa College of Engineering, Farmagudi-Goa, <i>Member</i>
Carol Noronha, Principal, Institute of Nursing Education, Panaji-Goa, <i>Member</i>	Praveen Bhende, Principal, G. V. M.'s College of Com. & Economics, Ponda-Goa, <i>Member</i>
D. A. Kamat, Principal, M. E. S. College of Arts & Com., Zuarinagar- Goa, <i>Member</i>	D. B. Arolkar, Principal, D. M.'s VNS Bandekar College of Arts, Sc. & Com., Khorlim, Mapusa-Goa, <i>Member</i>
A. R. Sakhardande, Principal, Narayan Zantye College of Commerce,	

Bicholim-Goa, <i>Member</i>	
University Teachers	
Sylvia M. Noronha, Reader, Department of Economics, Goa University, <i>Member</i>	V. Sujatha, Lecturer, Department of Sociology, Goa University, <i>Member</i>

V. V. Kamat, Reader, Department of Computer Science and Technology, Goa University, <i>Member</i>	I. K. Pai, Lecturer, Department of Zoology, Goa University, <i>Member</i>
P. S. Tatkodkar, Lecturer, Department of Konkani, Goa University, <i>Member</i>	
Elected Members	
Roy C. D' Souza,, Lecturer, Goa College of Architecture, Campal, Panaji-Goa, <i>Members</i>	Apoorva Arun Marathe, Lecturer, CES College of Arts & Commerce, Cuncolim, Salcete-Goa, <i>Member</i>
S. U. Kamat, Lecturer, Dhempe College of Arts & Science, Miramar-Goa, <i>Member</i>	Bhushan Vitthal Bhawe, Lecturer, P. E. S. College of Arts & Science, Farmagudi, Ponda-Goa, <i>Member</i>
Biula Savio Pereira, Lecturer, Fr. Agnel College of Arts & Commerce, Pilar-Goa, <i>Member</i>	Gulab Avdhoot Borkar, Lecturer, G. V. M. College of Com. & Economics, Ponda-Goa, <i>Member</i>
Milton Lawrence Fernandes, Lecturer, St. Xavier's College of Arts, Science & Commerce, Mapusa-Goa, <i>Member</i>	Shankar Narayan Dooja Poojary, Lecturer, M. E. S. College of Arts & Commerce, Zuarinagar-Goa, <i>Member</i>
Pravin Dnyaneshwar Sawant, Lecturer, Narayan Zantye College of Commerce, Bicholim-Goa, <i>Member</i>	
J. S. Budkuley, Registrar, Goa University, <i>Member Secretary (ex officio)</i>	

During the year 2003-2004, three meetings of the Academic Council were held.

1.4 Members of Planning Board

P. S. Zacharias, Vice-Chancellor, Goa University, <i>Chairman (ex officio)</i>	
Nominees of the Chancellor	
S. P. Gupta, Member Planning Commission, Room no. 115, Yojana Bhavan, New Delhi, <i>Member</i>	
Nominees of the Vice-Chancellor	
Peter R. D'Souza, Professor, Department of Political Science, Goa University, <i>Member</i>	P. R. Sarode, Head, Department of Physics, Goa University, <i>Member</i>
A. G. Desai, Professor, Department of Earth Sciences, Goa University, <i>Member</i>	
Nominees of the Executive Council	
Prof. M. G. Takwale, Vice-Chancellor, Shivaji University, Vidyanagar, Kolhapur, <i>Member</i>	A. V. Afonso, Dean, Faculty of Languages & Literature and Faculty of Social Sciences, Goa University, <i>Member</i>
A. Sreekumar, Dean, Faculty of Management Studies, Goa University, <i>Member (upto 28.06.2003)</i>	I. B. Murthy, Principal, Shree Damodar College of Commerce & Eco. <i>Member</i>
Nominees of the University Grants Commission	
R. P. Kaushik, Professor, DG/6093/1, Vasant Kunj, New Delhi, <i>Member</i>	
J. S. Budkuley, Registrar, Goa University, <i>Member Secretary (ex officio)</i>	

During the year 2003-2004, two meetings of the Planning Board were held on: 24.06.2003 & 22.12.2003

1.5 Members of Finance Committee

P. S. Zacharias, Vice-Chancellor, Goa University, <i>Chairman</i>	Rajendra L. Bhobe, Chartered Accountant, <i>Member</i>
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J. S. Budkuley, Registrar, Goa University, <i>Member</i>	Shrinivas V. Dempo, Chairman, Dempo Group of Companies, <i>Member</i>
Bhaskar Nayak, Director of Higher Education, <i>Member</i>	Leo Macedo, Finance Officer, Goa University, <i>Member Secretary</i>
Jt. Secretary (Finance), Secretariat, Panaji, Goa, <i>Member</i>	

During the year 2003-2004, two meetings of the Finance Committee were held on: 25.07.2003 & 23.01.2004

1.6 Deans of Faculties

Name	Name of Faculty	Remarks
N. Jayaram	Lang. & Literature	01-06-2003 to 22-10-2003
A. V. Afonso	Lang. & Literature	23-10-2003 to May 2004
A. V. Afonso	Social Sciences	June 2003 to May 2004
Y. S. Prahlad	Natural Sciences	June 2003 to May 2004
D. J. Bhat	Life Sc. & Environment	June 2003 to May 2004
A. Sreekumar P. S. Zacharias	Management Studies	Upto 28-06-2003 From 29-06-2003 to May 2004
A. R. Naik	Engineering and Architecture	June 2003 to May 2004
V. G. Dhume	Medicine	June 2003 to March 2004
C. P. Das	Medicine	17-03-2004 to May 2004
Jaimini Mehta	Design	11-07-2003 to May 2004
P. S. Zacharias Marian Pinheiro	Law	June 2003 to 10.07.2003 11-07-2003 to May 2004
P. S. Zacharias Kamalakar Naik	Performing Fine Arts & Music	June 2003 to 10.07.2003 11-07-2003 to May 2004
P. S. Zacharias	Commerce	June 2003 to May 2004

1.7 Officers of the University

Group A Employees

Name	Designation
P. S. Zacharias	Vice-Chancellor
Jayant S. Budkuley	Registrar
Uttam B. Naik	Finance Officer upto 19-11-2003
P. V. Konnur	Librarian
M. Shreedhara	Deputy Registrar
U. V. K. Shankhwalkar	Deputy Registrar From 16-03-2004 Asst. Registrar (Legal) upto 15-03-2004
G. J. S. Talaulikar	Asst. Registrar
M. A. Vaidya	Asst. Registrar
G. D. Nasnodkar	Asst. Registrar
Shaikh Mahmood	Asst. Registrar
Leo Macedo	Asst. Registrar
Donald A.E. Rodrigues	Asst. Registrar
Albert Fernandes	Asst. Registrar
S. N. Kamat Dias	Asst. Registrar
Ashish J. Thomas	Asst. Registrar-Public Relations
M. Chakraborty	Head - Computer Centre from 16.03.2004
Sanjay Bandodkar	Programmer
Vivekanand Sawkar	Executive Engineer
Patricia Sequeira	Medical Officer
M. Madhusudhan	Asst. Librarian (on lien)
Rajendra Gad	Technical Officer

Group B Employees

Name	Designation
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Amit Srivastava	Asst. Engineer
Sangam Talaulikar	Asst. Engineer
Rajanikant Parsekar	Asst. Engineer
Avertano Barretto	Asst. Sports Officer
Kumarsen Kambli	Asst. Accounts Officer

1.8 Other Bodies/Associations and their Composition

Forum of Principals & Representatives of Management of Non-Govt. Colleges in Goa

Sunil Prabhudesai, *President*

S. L. Sardessai, *Secretary*

Newman Fernandes, *Chairman*

Rita Paes, *Joint Secretary*

Executive Committee of Goa University Teachers' Association

V. P. Kamat, *President*

K. Mahender, *Member*

A. J. Jayanthan, *Vice President*

R. Roy, *Member*

V. S. Nadkarni, *Secretary*

U. Bhattacharya, *Member*

S. K. Dubey, *Jt. Secretary*

A. B. Shanbag, *Member*

S. Nazareth, *Treasurer*

Executive Committee of University and College Teachers' Association

Savio Faleiro, *President*

Jagmohan Singh, *Joint Secretary*

B. S. Ingahalli, *Vice President*

Sanjay Dessai, *Treasurer*

Alion Quadros, *General Secretary*

Executive Committee of the Govt. College Teachers' Association

Oscar Noronha, *President*

Daisy John, *Joint Secretary*

Constancio Fernandes, *Vice President*

Nilesh Borde, *Treasurer*

Ramrao Wagh, *Secretary*

Executive Committee of the Association of Officers of Goa University

Donald Rodrigues, *President*

M. Chakraborty, *Member*

Albert Fernandes, *Secretary*

M. A. Vaidya, *Member*

Leo Macedo, *Treasurer*

G.J.S Talaulikar, *Member*

Executive Committee of the Goa University Non-Teaching Employees Association

Antonio G. V. Vaz, *President*

Gracy Godinho, *Member*

Meena Naik, *Vice-President*

Martin Lobo, *Member*

Kamalakar K. Bhandodkar, *Secretary*

Shivanand Volvoikar, *Member*

Usman Shaikh, *Joint Secretary*

Jose Aquaviva Vaz, *Member*

Vinayak Arondekar, *Treasurer*

Ramchandra Naik, *Member*

Executive Body of Post Graduate Students' Union

Hemant R. Verlekar, *President*

Kuldeep V P. Gaonkar, *Cultural Secretary*

Rohan S. Joshi, *Secretary*

Swati S. Parab, *Ladies' Representative*

Siddhartha Shirodkar, *Sports Secretary*

Executive Union of Goa University Students' Council

Gurudas Sawant, *Chairman*

Shawn J. Martins, *Member*

Parikshit Pai Khot V., *Secretary*

Dattaprasad S. Nagvenkar, *Member*

Sarita A. Santamaria, *Lady Member*

Surendra P. Parwar, *Member*

Preshit P. Betkekar, *Member*

Abhishek U. Prabhu, *Member*

Umesh T. Gaonkar, *Member*

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

D. J. Bhat, *President*

R. S. Parsekar, *Member*

K. Mahender, *Secretary*

T. D. Halarnkar, *Member*

I. K. Pai, *Treasurer*

M. S. Chauhan, *Member*

A. B. Patil, *Member*

Secretary-PGSU, *Member*

V. Sawkar, *Member*

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

Vithal S. Kerkar, *Chairman*

Uday Parsekar, *Executive Member*

Eknath Sawant, *Vice-Chairman*

Vasudeo Gaonkar, *Executive Member*

Vishwasrao D. Sawant, *Secretary*

Premakant Gawas, *Executive Member*

Krishna G. Pai, *Treasurer*

Antonio G. V. Vaz, *Executive Member*

Nanda Gawas, *Executive Member*



PART 2: UNIVERSITY DEPARTMENTS

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., M. Phil., Ph. D)	DEPARTMENT OF PORTUGUESE: (M.A., Ph. D)

FACULTY BOARD

Dean of Faculty, <i>Chairman</i>	Edith Melo Furtado, <i>Member</i>
S. D. Komarpant, <i>Member (ex officio)</i>	S. M. Tadkodkar, <i>Member</i>
K.S. Bhat, <i>Member (ex officio)</i>	A. Vashishta, <i>Member</i>
B. K. Rohitashva Sharma <i>Member (ex officio)</i>	I. B. Khan, <i>Member</i>
P. S. Tadkodkar, <i>Member</i>	M. Sardesai, <i>Member</i>

Department of English

A. List of teaching staff:

Name	Qualification	Designation	Specialization
K. S. Bhat	Ph. D	Reader & Head	Literary Theory, Critical Theory & Cultural Studies
K. J. Budkuley	Ph. D	Reader	British Poetry, Culture & Gender Studies, Indian Literature and Novel.
Anita Vashishta	Ph.D	Lecturer (S.S.)	Drama, American Studies, Women's Writing & Indian Writing
A. R. Fernandes	M. Phil.	Lecturer (S.S.)	Novel, Linguistics, Commonwealth Literature & Language Laboratory
Nina Caldeira	Ph.D	Lecturer	Canadian Literature, Commonwealth Literature, Linguistics

- B. The highlights of major thrust areas of research and achievements of the Department.

The Department of English has been in existence since 1965. From 1965 until the establishment of Goa University in 1985, this Department was part of the Centre for Post-graduate Instruction and Research (CPIR) affiliated to the University of Mumbai, Mumbai. The Department faculty presently consists of five teachers: Two Readers and three Lecturers. The Faculty is actively engaged in research activity in areas like Cultural Studies, Indian Literature, Modern Drama, Language Teaching and Commonwealth Literature.

The Department is running M.A. as well as Ph.D. Programmes. There are 25 students each in

- G. Any other information:

(a) Awards/Honours conferred.

- K. Budkuley, (i) Was conferred with the prestigious Late G. S. Amonkar Triennial Award for her work in "*Konkani Literature in general and Literary Criticism in particular*" (ii) was assigned the project of writing the critical biography titled "*Shenoi Goembab: The Man and His Work*" by Asmitai Pratishtan as a part of the commemorative activities to mark the 125th Birth Anniversary of the Konkani stalwart. (iii) Was invited by the Mahatma Phule Pratishtan for Social Reform and Study Centre of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, to deliver the keynote address of their annual talk series on the theme "*Mahārāshtrāntīyā Streeuddhār Challavalleechyā Sandarbhāntī Streevādī Vichārānchā Sateek Māgoā*" (Marathi) (iv) Was invited to deliver Late Smt. Kashibai Gaulker Endowment Lecture Series by the Dept. of Sociology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on the theme "*Samājeek Parighāvareel Samkāleen Stree: Teen Pushpem*" (Marathi).

(c) Any other special achievement by students/staff.

- K. Budkuley, (i) was invited by Konkani Centre to deliver a special memorial lecture "*A Glimpse into the Visionary Life and Mind of Shenoi Goembab*" on 23rd June 03 to mark the 125th Birth Anniversary of the stalwart, for telecast by DEITI (English) (ii) was Chief Guest at the Multilingual Inter-Collegiate Poet's Meet at S. P. Chowgule College, Margao, Goa, 25th Jan 04. (iii) On invitation, trans-created into English the original Konkani-Marathi commentary of "*Gomant Darshan*", the docudrama cum live presentation showcased by Kala Academy at the Gomant Vishva Sammelan held during 2nd - 4th Jan. 04. (iv) The paper "*Indo-European Storytelling in Translation: Crisscross of Diversity-Identity Woven in with Ideology*" was selected for the International Indo-European Katha Festival held in New Delhi during 1st - 8th Jan. 04. (v) Was the co-ordinator of the Refresher Course in English on the theme "*Extending Frontiers of English Studies*" held from 7th - 31st July 03. (vi) National Seminar on "The Book & the Indian Society" National

BookTrust, Goa Konkani Akademi, Kala Academy Goa Panaji Goa 8th & 9th Aug. 03. (vii)
Was "Rapporteur" by Invitation for National Book Trust New Delhi

Andre Rafael Fernandes, Submitted his Ph.D. thesis titled " Tiatro: A Critical Study"
Nina Caldeira, (i) Co-ordinated a Conference on the theme " Constructing Identity through
Folklore "Canada and Goa", 16th Nov. 03, Centre for Canadian Studies, Goa University.
(ii) Was a resource person for a workshop on " Research Interface", 28th Apr. 04, Dept.
of English, St. Xaviers College, Mapusa.

Department of Konkani

A. List of teaching staff:

Name	Qualification	Designation	Specialization
P. S. Tadkodkar	M. A.	Lecturer (S.S.)	Drama, Modern Konkani Prose, Literary Criticism, Konkani Folklore
C. A. D' Souza	Ph. D.	Lecturer (S.S.)	Literary Criticism, Modern Konkani Poetry, Comparative Literature, Media Studies
Madhavi Sardesai	M. Phil.	Lecturer	Linguistic Study of Konkani, Shennoi Goenbab, Issues in Language Contact and Multi- lingualism, Translation Studies
Prakash Parienkar	M. A.	Lecturer	Old Konkani Literature, Major Movements in Konkani Language & Literature

B. The highlights of major thrust areas of research and achievements of the Department.

The Department of Konkani was set up in 1987. The Department introduced a full-fledged course of eight papers in 1992. The faculty is actively engaged in research activities in various areas like Linguistics, Culturel Studies, Indian Criticism, and Technical Terminology Besides the M.A. programme in Konkani the Department also admits candidates for Ph.D. course.

G. Any other information:

(a) Awards/Honours conferred.

Prakash Parienkar, was awarded Second prize for Konkani one act play written by him titled "DENGNNÁTLO ULO" in the All Goa Konkani one act play competition 2003 organized by Goa Kala Akademy, Panaji - Goa.

(c) Any other special achievement by students/staff.

- P. S. Tadmokdar, on behalf of Goa Konkani Akademi, co-ordinated a seminar on 'Women Writers in Konkani', Panaji - Goa, 27th Mar. 04.
- Chandralekha D' Souza, Delivered two lectures for Secondary Teachers Training Programme, Organised by Education Institute, Goa Porvorim in collaboration with Central Hindi Institute, Hyderabad, 22nd & 23rd Sept. 03. ii) Lectured at the NIO, *Konkani ki Samasyāen Hindi ke Sandarbh mein* (Hindi) on 18th June 03. iii) Lectured at the Corporation Bank, Panaji, Hindi, and Konkani: Functional problems, 25th July 03. iv) Lectured at the I. O. B. Bank, Panaji: Problems of Functional Hindi in connection with influence of Konkani, 15th Sept. 03. v) Lectured at the Bank of Maharashtra, Panaji: Globalisation and Indian Languages, 20th Sept. 03.
- Madhavi Sardesai, Konkani translations of two short stories published: 1) 'Bosāk Pārti' (Original Hindi by Bishma Sahani), Jaag, Aug.03: 5-9; 'Vistaār' (original Marathi by Laxmanrao Sardesai), Jaag, Oct. 03: 32-35, 172-182.
- Prakash Parienkar: i) Founder President of "MHADAI PRATISHTHAN", Keri, Sattari - Goa, formed to study the socio-cultural life of the people of Mhadai Valley and to protect the Mhadai River from illegal operations. ii) Publisher of "Dnyanadrushti" a monthly bulletin dedicated to education and highlighting the achievements of teachers, students, parents and the educational institutions in general, also providing a forum for voicing grievances of teachers and students. (iii) Published articles in Konkani daily Sunaparant on the topic, "Mhādai River Valley and its Bio-diversity", 1st, 8th June 03, 15th, 24th June 03, 6th, 13th July 03, 20th, 27th July 03, 2nd, 10th Aug. 03 17th & 24th Aug. 03
- The 'Konkani Saraspat Mandal', the Literary Association of the students of the Dept. of Konkani, organized the Ist All Goa Inter-Collegiate and Higher Secondary Konkani Poetry Recitation Competition in memory of the late poet Shankar Ramani, 15th Jan. 04.
- Rama Murkunde, M.A. Part II Student read a paper on the 'Contribution of Goan Youth in Development of Konkani Language' in the 24th Session of All India Konkani Parishad, Calicut, Kerala, 13th – 15th Feb. 04.

Department of Hindi

A. List of teaching staff:

Name	Qualification	Designation	Specialization
R. N. Mishra	Ph.D	Reader & Head	Medieval & Modern Poetry, Indian Poetics
B. K. Sharma, Rohitashva	Ph.D	Reader	Modern Poetry, Aesthetics, Comparative Studies, Contemporary Poetry

Isharat Bi Khan	Ph.D	Lecturer (S.S.)	History of Hindi Literature, Linguistics
V. S. Mandrekar	Ph.D	Lecturer (S.S.)	Short Story
Katyayan Mishra (On Lien)	Ph.D	Lecturer	Mass Media and Journalism

- B. The highlights of major thrust areas of research and achievements of the Department.

The Department celebrated **Bhartendu Jayanti** and **Laghu Patrika Diwas** on 9th Sept. 03 by having a Departmental Seminar on **Sanchar Madhyam ka Prabhav**.

- C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of lecture	Date
Namwar Singh	New Delhi	Contemporary Poetry	18 th Dec. 03
Gopeshwar Singh	Central University, Hyderabad	Hindi Novel	23 rd Jan. 04
Kishor Vaswani	Hyderabad	Mass Media	24 th Jan. 04
C. Bandiwadekar	Mumbai	Katha Sahitya	28 th Apr. 04

- G. Any other information:

(a) Awards/Honours conferred.

V. S. Mandrekar, awarded the Ph.D. Degree in Hindi, Feb. 04.

(c) Any other special achievement by students/staff.

R. N. Mishra, was invited as a Chief Guest on the occasion of Hindi Diwas by Regional P. F. Office, Panaji – Goa, 29th Sept. 03.

Ishrat Khan, was invited as an external examiner to conduct a viva-voce Exam in Hindi at Shivaji University, 1st Dec. 03.

Department of Marathi

A. List of teaching staff:

Name	Qualification	Designation	Specialization
S. D. Komarpant	Ph.D	Professor & Head	Modern Literature, Linguistics
V. D. Sawant	Ph.D	Reader	Modern Literature, & Literary Criticism
S. M. Tadkodkar	Ph.D	Reader	Medieval Language & Literature, Literature & Literary Criticism
B. G. Kanolkar	Ph.D	Lecturer	Modern Literature & Criticism Folk Literature and Indian Literature
S. S. Umraskar	M.A.	Lecturer	Medieval Literature, Modern Literature

B. The highlights of major thrust areas of research and achievements of the Department.

The faculty members of the Department of Marathi are involved in research work. They participated in various seminars within and outside the State organized by prominent institutions. They are regular contributors to noted periodicals and journals. They have also published books.

Department of French

A. List of teaching staff:

Name	Qualification	Designation	Specialization
Edith Melo Furtado	Ph.D	Lecturer	French & Francophone Literature
Anuradha Wagle	M.Phil	Lecturer	Interpretation and Translation

G. Any other information:

(a) Awards/Honours conferred.

Anuradha Wagle, was elected Vice President of Indian Association of Teachers of French for 2003-2006.

Department of Portuguese

A. List of teaching staff:

Name	Qualification	Designation	Specialization
Selma de Vieira Velho	Ph.D	Reader	Portuguese Literature

2.2 Faculty of Social Sciences

2.2.0 General Information regarding faculty: (Departments and Degrees).

DEPARTMENT OF ECONOMICS: (M.A., Ph.D.)	DEPARTMENT OF SOCIOLOGY: (M.A., Ph.D.)
DEPARTMENT OF HISTORY: (M.A., Ph.D.)	CENTRE FOR LATIN AMERICAN STUDIES: (M.A., M.Phil, Ph.D.)
DEPARTMENT OF PHILOSOPHY: (M.A., Ph.D.)	
DEPARTMENT OF POL. SCIENCE: (M.A., Ph.D.)	CENTRE FOR WOMEN'S STUDIES

FACULTY BOARD

Dean of Faculty, <i>Chairman (ex officio)</i>	A. Siqueira, <i>Member</i>
V. Shivkumar, <i>Member (ex officio)</i>	Nagendra Rao, <i>Member</i>
A. Fernandes, <i>Member (ex officio)</i>	P. Mukhopadhaya, <i>Member</i>
S. M. Noronha, <i>Member (ex officio)</i>	R. Tripathi, <i>Member</i>
Ganesh Somayaji, <i>Member (ex officio)</i>	Tharakan K, <i>Member</i>
N. S. Bhat, <i>Member (ex officio)</i>	

Department of Economics

A. List of teaching staff:

Name	Qualifications	Designation	Specialisation
S. M. Noronha	Ph.D.	Reader & Head	Labour Economics
Pranab Mukhopadhyay	M.Phil	Lecturer	Environment & Growth
P. K. Sudarsan	Ph.D.	Lecturer	International Economics

Temporary Faculty

M. D. Aiholi	M.A.	Lecturer	Labour Economics, Industrial Economics, Financial Economics.
Anna Rovina Ferrao e Fernandes	M.A.	Lecturer	International & Monetary Economics

B. The highlights of major thrust areas of research and achievements of the Department.

The major thrust areas of research in the department are Labour, Environment, Development and International Economics. The faculty members have been contributing in their respective fields of specialization by writing research papers and presenting them at seminars and publishing them as well.

The department organized a certificate course in 'Data Analysis', which was successful. Juan Martinez Alier from the Autonomous University of Barcelona, Spain joined as Visting Professor in Environmental Economics in the Department for the month of January, 2004.

C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of Lecture	Date
Graca Leao Fernandes	Lisbon Technical University, Lisbon, Portugal	Child Poverty in Portugal	17 th Sept. 03

G. Any other information:

(b) Any other special achievement by students/staff

S. M. Noronha, (i) Was Co-ordinator for the Refresher Course in Economics organized by Academic Staff College, Goa University from 4th to 24th Mar. 04. (ii) Attended workshop on Capacity Building for Women Managers in Higher Education at Tata Institute of Social Sciences, Mumbai & SNTD University, TISS, Mumbai on 22nd - 27th Sept. 03

Pranab Mukhopadhyay was the Co-ordinator for the Economics Component of Study India Programme from 11th Dec. 03.

M. D. Aiholi, (i) Attended the annual conference of labour economics held in Kolkata 15th –18th Dec. 03. (ii) Completed a Self-Financing Certificate Course on "Data Analysis using Econometrics" of 6 days duration between 23rd – 29th Apr. 04 organised by the Department of Economics, Goa University. (iii) Attended workshop titled "The Economy of Goa Since Liberation" organized by Department of Economics, Goa University on 27th Feb. 04.

Anna Rovina F. Fernandes, Completed a Self-Financing Certificate Course on "Data Analysis using Econometrics" of 6 days duration between 23rd – 29th Apr. 04 organised by the Department of Economics, Goa University.

The teaching faculty of the Department engaged classes for the Japanese students under the Study India Programme (SIP).

Department of History

A. List of teaching staff:

Name	Qualification	Designation	Specialization
N. Shyam Bhat	Ph.D	Reader & Head	History of Modern India, and History of South Kanara.
Pratima P. Kamat	Ph.D	Reader	Indo-Portuguese History.
Pius Malekandathil	Ph.D	Reader (on Lien)	Maritime History, and History of European Expansion.
Ujjayan Bhattacharya	Ph.D	Lecturer (on Lien)	Economic History of Medieval India, and History of Medieval Societies.
Nagendra Rao	M.A	Lecturer	Ancient India, and Economic History of Western Coastal India.
R. Venugopalan Nair	M.A.	Lecturer	History of Maritime Trade.

B. The highlights of major thrust areas of research and achievements of the Department.

The thrust areas of the Department are Indo-Portuguese History and Maritime History. A few Courses related to these areas were offered at M.A. level. Research was carried out in these as well as other areas like Modern Indian History and History of South Kanara. Most of the Faculty members attended seminars and conferences, national and international, and presented research papers. A few research papers were also published.

- C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of Lecture	Date
Brajadulal Chattopadhyay	Centre for Historical Studies, J.N.U., New Delhi.	" Historiography in India with special reference to Early and Medieval Indian History "	28 th July 03

- G. Any other information:

(c) Any other special achievement by students/staff.

Binu M. John, Research Scholar of the Department, who was granted one-year scholarship for the year 2003 from Leiden University (The Netherlands) to conduct Ph.D. research in the various archives of the Netherlands under the TANAP programme, got extension for the second year, i.e., from Jan. 2004 to Jan. 2005.

Department of Philosophy

- A. List of teaching staff:

<i>Name</i>	Qualification	Designation	Specialisation
A. V. Afonso	Ph.D	Prof. & Head	Phil. of Science, Phil. of Religion
U. A. Vinay Kumar	Ph.D	Lecturer (S.S.)	Indian Philosophy
Sanjyot D. Pai Vernekar	Ph.D	Lecturer	Meta-Ethics, Logic
Koshy Tharakan	Ph.D	Lecturer	Phil. of Science, Phenomenology
Milan Desai	Ph.D	Lecturer	Philosophy of Science

B. The highlights of major thrust areas of research and achievements of the Department.

A. V. Afonso, (1) Engaged in research on historical evolution of Christianity as a system of religion in Indian subcontinent. 2. Carried out a Comparative study of Piagetan and Popperian understanding of consciousness.

U. A. Vinay Kumar, Work on "Purusarthas and Indian Sociology" has been in progress. Also revision of the research monograph "Foundations of Indian Philosophy: Logical Reconstruction" is being carried out.

Sanjyot D. Pai Vernekar, Dealt with the concept of religion in general and Hinduism in particular. In this context, I tried to examine the views presented by Indians Scholars and thinkers of the late 19th and early 20th century.

Koshy Tharakan, Carried out research on the theme "Cultural Relativism" with reference to Husserl and Mohanty. Also undertook a study of Phenomenological method in Social Sciences comparing Schutz and Merleau-Ponty.

Milan Desai, Working on a project entitled 'A Comparative Study of Western and Indian Theories of Meaning' as Minor Research project.

Department of Political Science

A. List of teaching staff:

Name	Qualifications	Designation	Specialisation
Aureliano Fernandes	Ph.D	Reader & Head	Public Administration & Policy Analysis, Local Governance, Government & Politics of Goa
Rahul Tripathi	Ph.D	Lecturer	International Relations, Foreign Policy, International Political Economy, Govt. & Politics of South Asia
Peter R. de Souza	D.Phil., Sussex	Professor	Political Theory, Human Rights

		(on deputation)	
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B. The highlights of major thrust areas of research and achievements of the Department.

The Department of Political Science celebrates 31 years of its founding in 2004. The Department has endeavoured to provide a holistic paradigm to the teaching of politics, both in its theoretical and process dimensions. Departmental Research from the 70s has essentially focused on Modern Indian Political Thought, Contemporary Indian Government & Politics and International Relations. In the 1990s, the Departmental Research has focused on micro areas to retrieve the universal. These areas include political institutions and process in Goa, decentralization and local governance, urban governance and policy. Their signification within the local, regional and national domains is attempted to be analyzed. The department has also focused on International Relations and South Asia as significant areas of study.

The Research papers presented and published, seminars/conferences organized and the teaching programme, including students' M.A. dissertations fall within this broad road map.

C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of Lecture	Date
K. P. Fabian	Ex Ambassador to Italy	Iraq Crisis and Unilateralism	6 th Aug. 03
Peter Berleigh	Ex US Ambassador	Balance between National Security and Civil Liberty in a Democracy	22 nd Sept. 03

E. Sponsored Consultancy Work undertaken.

Name of Teacher	Name of consultancy	Name of the Sponsorer	Duration of consultancy	Amount
Rahul Tripathi	Consultancy project on Democratization Peace and Regional Cooperation in South Asia	The International Centre, Goa	3 years	1. 62 Lakhs

G. Any other information:

(a) Awards/Honours conferred.

Rubina Jassani, alumni of the Department of political science, received the Agha Khan fellowship to pursue Ph.D. studies at University of Sussex, U.K.

(b) Fellowship/Visiting Professorship, etc.

Rahul Tripathi was a visiting lecturer at College of International Relations, Nihon University, Mishima Japan for May-July 2003 as part of MOU between Nihon University and Goa University.

(3) Any other special achievement by student/staff.

As part of Advocacy Aureliano Fenandes contributed articles on "Status of Panchayati Raj in Goa" to "Sarpanch"- a newsletter of Western India Forum for Panchayati Raj. Vol. 1, 2 and 3, April – June 2003, July – Sept. 2003 and Waiting for Village Democracy, vol. 1, 4th Oct. - Dec. 2003.

Department of Sociology

A. List of teaching staff:

Name	Qualification	Designation	Specialisation
Narayana Jayaram	Ph.D.	Professor (on lien)	Sociology of Education, Diaspora, and Theory and Methods
Ganesha Somayaji	Ph.D.	Reader	Sociology of Food, Language
Alito Siqueira	M.A.	Lecturer	Sociology of Culture, Tourism and Issues in Goan Society
Manish Kumar Thakur	M.Phil.	Lecturer	Sociology of Development
Sujatha V.	Ph.D.	Lecturer	Sociology of Health
Dilip Loundo	Ph.D.	Brazilian Chair	Brazilian Culture, Portuguese Language, Indo-Brazilian Encounters

- B. The Highlights of major thrust areas of research and achievements of the Department.

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, sociology of health, colonial and post-colonial constructions of village, comparative post-coloniality, and tourism. Field-based studies on Goa are encouraged for MA dissertations. The organization of an annual Research Methodology Training Camp is aimed at equipping the students with research methods prior to their dissertation work. Also, the Department encourages researchers from other institutions to use the Department in mutually enriching exchanges.

Centre for Latin American Studies

- A. List of teaching staff:

Name	Qualifications	Designation	Specialisation
V. Shivkumar	Ph.D	Professor	Inter-American Relations and International Organisations
Aparajita Gangopadhyay	M.Phil	Lecturer	Latin American Studies and International Relations.

- B. The Highlights of major thrust areas of research and achievements of the Department.

The UGC Centre for Area Studies had identified International Relations and Latin American Studies as major thrust areas. However, the Centre also evinces keen interest in developing expertise in the area of Indian Diaspora particularly in relation to Latin America and the Caribbean. From the period June 03 to May 04, the Centre was able to invite visiting faculty from Russia (Victor Krasilshchikov, 5th Mar. 04) and from the United States (Prof. Robert M. Hathaway, 7th May 04). The Centre was able to offer specialized course on International Law taking the help of a well experienced qualified teacher on International Law. The faculty of the Centre had been actively engaged in research, teaching and in review work. The Professor of the Centre had been invited to deliver an endowment lecture by the University of Madras in the month of March 2004. The lecturer had been publishing research articles in refereed national and international journals. The Research Associate had been working on a theme related to the Impact of Indian thoughts and philosophy on the people of Trinidad, a Caribbean Island. One of our Ph.D. research fellows had bagged prestigious Oliver Reddick award for his paper on US Foreign Policy. The other research associate had submitted her terminal report on the work done by her at the Centre on issues of the ethnicity in Latin America. A M. Phil.

Student had been working on the role of base communities in Brazil. The Centre's Director had been invited as an Assessor and Chairperson for the NAAC's visit to assess institutions.

G. Any other information:

(3) Any other special achievement by students/staff.

Accomplishments for 2004, Dattesh D. Parulekar secured the prestigious Olive I. Reddick Award, for 2003-04 awarded by the Indian Association of American Studies (India), the award was in recognition of the Best Research Paper in Social Sciences. Parulakar presented the paper entitled, "US Foreign Policy in South Asia: Changing Priorities and Shifting Paradigms" at the 35th edition of the IAAS Congress in Udaipur, Rajasthan.

Centre for Women's Studies

A. List of teaching staff:

Name	Qualifications	Designation	Specialisation
Aureliano Fernandes	Ph.D	Teacher In Charge	Public Administration & Policy Analysis Local Governance Government & Politics of Goa
Shaila Desouza	M. A.	Research Officer	Gender Studies Health/Violence

B. The highlights of major thrust areas of research and achievements of the Department.

The Centre for Women's Studies (CWS), Goa University is a non-teaching centre engaged with research and extension work. The CWS has links both with Government as well as Non Government agencies working for the empowerment of women. The CWS has been represented in numerous initiatives and advisory bodies of both Government and Non Government Organisations on matters concerning women in this State and works closely with the Goa State Women's Commission. This year the CWS has largely focused on research on local issues, some of which were outcomes of joint research initiatives in inter-disciplinary areas & documentation.

The CWS has prepared a Gender Profile for Goa which looks at a wide range of issues concerning women such as the declining sex ratio, educational status, gender gap in the workforce, gender critique of development, law, the incidence of violence against women, issues concerning women's health, women's political participation etc. Regarding Women's Health in Goa the CWS has prepared a manuscript of health issues which includes health policy and program, mental health issues, issues related to sex, sexuality

and reproductive health, human rights issues, vulnerability and novel perspectives on old health systems such as indigenous health care and homeopathy. The CWS has completed a study on Women's Economic Status in Mining Areas in Goa and has also collaborated with NGO's on a Situational Analysis of the Commercial Sex Workers in Baina, Vasco: Survey for the Rehabilitation.

Area of Thrust: Local Issues Concerning Women.

The CWS is committed to the National Agenda of Women's Empowerment, in training, research and extension work.

D. Sponsored Research Projects sanctioned during the June 2003 to May 2004.

Name of Investigator/s	Topic	Date of Sanction & Duration	Funding Agency	Amount
Shaila Desouza	'Economic Status of Women in Mining in Goa'	Jan. 2003	Sponsored by the Goa State Commission for Women	Rs. 28,750/-

Additional Research Work

Shaila Desouza was the Principal Investigator for a commissioned study for the National Commission for Women on 'A Situational Analysis of Women in Goa'. The actual expenses were paid through the Goa State Commission for Women. The manuscript was submitted in May 2004.

Shaila Desouza was the co-investigator for the Situational Analysis of the Commercial Sex Workers in Baina: Survey for the Rehabilitation of the Commercial Sex Workers following the High Court Order of July 2003. Project done for the Forum for Justice in Baina. This was not funded. Report submitted Apr. 2004.

G. Any other information:

(b) Any other special achievement by students/staff.

Extension Activities:

- Member of Institutional Review Board of the Sangath Child Development and Family Guidance Centre, Porvorim and also an invited Member of the Sangath General Body
- Trustee and Member of Managing Committee of ACDIL School, Porvorim and the Community Development Division.
- Member of Advisory Committee on Economic Status Report of Women in Goa of the Goa State Commission for Women.

- Member of the Advisory Board Against Child Prostitution, Department of Women and Child Welfare, Government of Goa [since 1998].

2.3 Faculty of Natural Sciences

2.3.0 General Information regarding faculty: (Departments and Degrees).

DEPARTMENT OF CHEMISTRY: (M. Sc., Ph.D.)	DEPARTMENT OF MATHEMATICS: (M. Sc.,
DEPARTMENT OF COMPUTER SCIENCES &	M. Phil., Ph. D.)
TECHNOLOGY: (M.C.A., Ph.D.)	DEPARTMENT OF PHYSICS: (M. Sc., Physics,
DEPARTMENT OF EARTH SCIENCE :(M. Sc., Ph. D.)	M. Sc., Electronics, Ph.D.)

FACULTY BOARD

Dean of Faculty, <i>Chairman (ex officio)</i>	J.A.E.Desai, <i>Member</i>
P. R. Sarode, <i>Member (ex officio)</i>	K. Mahender, <i>Member</i>
A. G. Dessai, <i>Member (ex officio)</i>	J. B. Fernandes, <i>Member</i>
K. S. Rane, <i>Member (ex officio)</i>	Y.S. Valaulikar, <i>Member</i>
P. R. Rao, <i>Member (ex officio)</i>	J. D. Pawar, <i>Member</i>
G. M. Naik, <i>Member</i>	

Department of Chemistry

A. List of the teaching staff:

Name	Qualification	Designation	Specialization
K. S. Rane	Ph.D	Reader & Head	Inorganic Chemistry
J. S. Budkuley	Ph.D	Professor (on Lien)	Physical Chemistry
B. D. Desai	Ph.D	Reader	Inorganic Chemistry
J. B. Fernandes	Ph.D	Reader	Physical Chemistry
S. P. Kamat	Ph.D	Reader	Organic Chemistry
A. V. Salkar	Ph.D	Lecturer (S.S.)	Inorganic Chemistry

V. P. Kamat	Ph.D	Lecturer (S.S.)	Organic Chemistry
S. G. Tilve	Ph.D	Lecturer (S.S.)	Organic Chemistry
B. R. Srinivasan	Ph.D	Lecturer (S.S.)	Inorganic Chemistry
B. Das Gupta	Ph.D	Lecturer	Physical Chemistry
R. N. Sirsat	Ph.D	Lecturer	Physical Chemistry
V. S. Nadkarni	Ph.D	Lecturer	Organic Chemistry
V. M. S. Verenkar	Ph.D	Lecturer	Inorganic Chemistry

Temporary Faculty

Harsha Uskaikar	Ph.D.	Lecturer	Physical Chemistry
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- B. The highlights of major thrust areas of research and achievements of the Department.

Research funding to the department

1. The department is funded by the UGC under the Special Assistance Program (SAP) since 2002 and presently is in the third year of SAP. Under this program already Rs. 27 lakhs worth major equipment namely X-ray diffractometer has been installed and the equipment is in working condition. The UGC nominees Prof. Contractor (IIT Mumbai) and Dr. Murali Sastry (NCL-Pune) participated in the One-day Workshop on X-ray Diffractra held in Feb 2004. All the faculty members involved in the thrust area-Solid state Chemistry/Microscule techniques presented their research work program.

2. The department is also funded by Department of Science & Technology (DST) New Delhi under infrastructure program FIST. Under this program department has already placed order for Computers worth Rs. 5 lakhs to build computer network and for two sophisticated instruments IR/UV-Vis Spectrophotometer worth Rs. 15 lakhs. Rooms to place these instruments/computers are also under renovation.

Research activities of teaching staff during the current year:

- V. S. Nadkarni is working on the development of new plastic materials for nuclear track dwetection and has successfully developed two novel monomers and the corresponding homopolymer and copolymer so far.

- D. Sponsored Research Projects sanctioned during June 2003 to May 2004.

Name of Investigator/s	Title	Date of Sanction and duration	Funding Agency	Amount
V. S. Nadkarni	Development of plastic materials for nuclear track detection	Mar. 2004 (extension period for one year)	Atomic Energy Regulatory Board (AERB)	Rs. 2.99 lakhs
B. R. Srinivasan & R. N. Shirsat	Organic amines as structure directing agents: Syntheses, spectroscopic and thermal characterization, X-ray structure investigations and ab-initio studies of extended metal-organic complexes of transition and main group metals	May 2004	DST, New Delhi	Rs. 3.95 Lakhs
S. G. Tilve	Tandem reactions in organic synthesis	Jan. 2004	UGC, New Delhi	Rs. 4.83 lakhs

E. Sponsored Consultancy Work undertaken.

Name of the Teacher	Name of consultancy	Name of the Sponsorer	Duration of consultancy	Amount
V. S. Nadkarni & S. G. Tilve	Optimising reaction conditions for synthesis of some chemical intermediates	M/s Blue Circle Corporation	1 year	Rs. 2.2 lakh

G. Any other information:

(2) Fellowship/Visiting Professorship, etc:

B. R. Srinivasan visited the University of Kiel, under the DAAD reinvitation prog. during May -July 03.

Rathan Mhalsikar, Research Scholar visited the Universities of Karlsruhe, Muenster and Dresden Germany during July-Sept. 03 under the DST-DAAD exchange programme.

A. V. Salker went to South Korea as a Visiting Scientist Sponsored by Koren Federation of Science & Technology during Dec. 03 to June 04.

V. M. S. Verenkar has been awarded a DAAD fellowship to carry out research in University of Karlsruhe under the 40th Internatioanl Seminar.

(3) Any other special achievement by student/staff.

Christian Wende, Research Scholar University of Dresden, Germany carried out research work in the Department under the DST-DAAD exchange programme during Nov. 22nd to 7th Dec. 03).

Aditi R. Gandhe, Research Scholar under the guidance of Julio B. Fernandes has been awarded Research Fellowships by the Laboratory of Catalytic Materials, University of Porto, Portugal, to carry out advanced research studies in Catalysts for Degradation of Volatile Organic Compounds in collaboration with Jose Luis Figueiredo.

Jeanette S. Rebello, Research Scholar under the guidance of Julio B. Fernandes has been awarded Research Fellowship by Fundacao Oriente, Goa, to carry out advanced research studies in "electrocatalysis" at the University of Porto, Portugal in collaboration with Jose Luis Figueiredo.

Department of Computer Science & Technology

A. List of teaching staff:

Name	Qualification	Designation	Specialization
P. R. Rao	Ph.D	Reader & Head	Theoretical Computer Science, Data Mining & Data Warehousing
V. V. Kamat	Ph.D	Reader	Computer Graphics & CAD & OOAD
Yma Pinto	MCA	Lecturer (S.S.)	Data Base Management Systems, Operating Systems
Jyoti Pawar	MCA	Lecturer (S.S.)	Data Structures, Algorithms
Ramdas Karmali	MCA	Lecturer	Computer Networking, System Software
S. Baskar	M.Sc.	Lecturer	Artificial Intelligence, Compiler & Data Mining
Ramrao Wagh	MCA	Lecturer (S.S.)	Software Engineering, Database

			Management Systems, GIS
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B. Highlights of major thrust areas of research and achievements of the Department.

It is widely known that combining multiple classification or regression models provides better results compared to using a single model. But, there are no well-known approaches to combining multiple clustering. The concept of combining object partitioning without accessing the original objects' features leads to a general knowledge re-use framework, which is called cluster ensemble problem. It is useful in a variety of contexts such as quality and robustness, knowledge reuse, and distributed computing. Our contribution is a performance study of a consensus-clustering algorithm for two distance functions. Some properties of these two distance functions are determined. The resulting two consensus partitions due to two distance functions have been compared using statistical measures such as adjusted rand index.

The Department has expertise in the areas of Data Mining, Data Warehousing, Graphics and Visualization, Web Tools, Networking, Databases, Graph Theory & Algorithms, Neural Network and Software Engineering.

C. List of visiting scholars invited to deliver Special Lectures under U.G.C. Scheme or endowment.

Name of the Scholar	Institution	Title of lecture	Date
Kevin Warwick	University of Reading, U. K.	Cybernetics	23 rd Jan. 04
Pramod Sonmale	Red Hat India, Bangalore	Linux	23 rd Jan. 04
Kritivasan Ramamritham	Kanwal Rekhi School of Information Technology, IIT, Mumbai.	Internet for all	24 th Jan. 04

D. Sponsored Research Projects sanctioned during the June 2003 to May 2004

Name of Investigator/s	Topic	Date of Sanction and	Funding agency	Amount
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		duration		
P. R. Rao	MODROBS project	19 th Jan. 04 for 2 yrs	AICTE	8.00 lakhs

G. Any other information:

(c) Any other special achievement by students/staff:

J. F. Pinto da Costa and P. R. Rao " Central Partition for a Partition-Distance and Strong Pattern Graph", submitted to REVSTAT journal after revision.

Department Organised INFOFEST- 2004.

Department of Earth Sciences

A. List of teaching staff:

Name	Qualifications	Designation	Specialisation
A. G. Dessai	Ph.D	Professor and Head	Igneous Petrology, Economic Geology
K. Mahender	Ph.D	Reader	Sedimentology, GIS Petroleum Geology
T. A. Vishwanath	Ph.D	Lecturer	Geochemistry, Metamorphic Petrology,
A. G. Chachadi	Ph.D	Lecturer	Groundwater
A. A. A. Viegas	Ph.D	Lecturer	Igneous Petrology, Remote Sensing

B. Highlights of major thrust areas of research and achievements of the Department.

The department has been identified to receive grants under DRS-SAP program of UGC and FIST Scheme of DST, New Delhi. The Department is actively engaged in research in the following fields.

- Study of lower crustal and mantle nodules in Deccan basalts with a view to understand the composition, lithological variation and P-T regimes of the deep crust beneath western India.
- Geochemistry of xenoliths in Kimberlites from South India to understand the crustal evolution.

- Sedimentologic, stratigraphy and paleogeographic reconstruction of carbonate sequences of Western India. Sedimentary facies analysis of Kaladgi and Cuddapah Basins. Application of RS-GIS integrated approach in Mining and Coastal zone Environments
- Ground water model studies involving sea water intrusions in the coastal aquifers and mining impacts on ground water environment. Investigations on rural drinking water supplies, resource augmentation, water conservation and artificial recharge.
- Evaluation of Natural resources of Goa and Database preparation.

Department of Mathematics

A. List of teaching staff:

Name	Qualifications	Designation	Specialisation
Y. S. Prahalad	Ph.D	Professor & Head	Mathematical Physics, Wave propagation in Random Media, Plasma Physics and Theoretical Oceanology
A. J. Jayanthan	Ph.D	Reader	Topology, Knot Theory
Y. S. Valaulikar	Ph.D	Lecturer (S.S.)	Ordinary and Delay Differential Equations
A. N. Mohapatra	Ph.D	Lecturer	Operator Theory & Mathematical Physics
R. K. Panda	Ph.D	Lecturer	Elliptic Partial Differential Equations
M. Tamba	Ph.D	Lecturer	Algebra

B. Highlights of major thrust areas of research and achievements of the Department.

Jayanthan A. J., Working on knots embedded on surface of genus two (unknotted) and the associated 3-manifold.

R. K. Panda, continuing his work in Non-Linear Elliptic Operators.

A. N. Mohapatra is working on Inverse Spectral Problems for Schroedinger

Operators and on some Aspects of Computer Science.

Y. S. Valaulikar, working on non-linear differential equations and is actively pursuing pedagogical aspects of School Mathematics.

C. List of visiting scholars invited to deliver Special Lectures under U.G.C. Scheme or endowment.

Name of the Scholar	Institution	Title of Lecture	Date
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Balram Rajput	University of Tennessee, Knoyville, U.S.A.	Isoperimetric Inequalities from antiquity to modern times	12 th Dec. 03.
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G. Any other information:

(1) Any other special achievement by students/staff:

A. J. Jayanthan, Delivered a series of lectures on Topology at the M.T.T.S. Programme at Mysore from 17th May 04 to 12th June 04.

The Department of Science & Technology has sanctioned Rs. 20 lakhs under FIST (Fund for Improvement of S & T Infrastructure) Programme dated 29th Apr. 03 to the Department of Mathematics.

Cleared SET Examination, (1) Kumbar Bharati, Sept. 2003 (2) Kuncolienkar Smita Raj Alias Borkar Meenaxi, Mar. 2004.

Department of Physics

A. List of teaching staff:

Name	Qualifications	Designation	Specialization
P. R. Sarode	Ph.D	Professor and Head	Solid State Physics: X-ray Spectroscopy, Structural, Transport and Magnetic Properties of Materials
J. A. E. Desa	Ph.D	Reader	Solid State Physics: Neutron Diffraction and Scattering
U. Subramanian	Ph.D	Lecturer (S.S.)	Solid State Physics: Optical and Electrical Properties
R. B. Tangsali	Ph.D	Lecturer (S.S.)	Solid State Physics
R. V. Pai	Ph.D	Lecturer	Theoretical Solid State Physics
K. R. Priolkar	Ph.D	Lecturer	Solid State Physics: Transport and Magnetic Properties

Electronic Section

G. M. Naik	Ph.D	Reader	Optoelectronics
R. K. Kamat	Ph.D	Lecturer	Electronics

B. Highlights of Major Thrust Areas of Research and Achievements of the Department.

Titanium doped $\text{La}_{0.67}\text{Sr}_{0.33}\text{Mn}_{1-x}\text{Ti}_x\text{O}_3$ were prepared and characterized by XRD, Resistivity, Susceptibility, IR spectroscopy and Magnetoresistance techniques in order to study the effect of Ti^{4+} substitution on the colossal magnetoresistance properties of manganites. Higher concentration Ti samples shows an increase in ferromagnetic transition temperature which has been explained on the basis of variable range hopping polaron connecting Mn rich regions. A paper on this work has been communicated to Physical Review B

Ni_2MnGa type shape memory alloys were prepared and thermoelectric power measurements were made on these alloys for the first time using the setup constructed in the Department under CSIR project. The rise in martensitic temperature with Ni doping at Mn site was explained to be due to shift in the position of the peak in density of states towards Fermi level. This work has been accepted for publication in Physical Review B.

Ionic conductivity measurements on nano-sized Cu doped CeO_2 were carried out for the first time at Indian Institute of Science, Bangalore. Results show that these materials are excellent electrolytes for fuel cell in a large range of oxygen partial pressure.

Mn-Zn ferrites of different compositions with ultra fine grain size in the range 40 nm - 75nm were synthesized using a novel chemical method. These were characterized by standards techniques. Efforts are being made to use this novel method for preparation of other ferrites. A paper on this work has been accepted for publication in International Journal of Nanoscience.

The glass samples required for the Indo-Portuguese DST collaboration have been prepared and preliminary characterizations have been completed. The samples were a group of 5 rare-earth oxides included in two different glass host networks viz. phosphate and borate. The measurements comprised X-ray diffraction, UV- Vis and IR spectroscopy and have demonstrated the suitability of the samples for further detailed studies at Univ. of Aveiro, Portugal.

The spin on Bose-Hubbard model is studied via a simple mean field theory. The zero temperature phase diagram is obtained and has many rich phases. The on-site interactions in each spin channel U_s ($S=0, 2$) depends upon the scattering lengths. The nature of the superfluid phase depends upon the nature of U_2 . For repulsive U_2 superfluid phase is Polar, while it is ferromagnetic for attractive case. The superfluid to Mott insulator transition is continuous for the ferromagnetic case for any commensurate

densities. However, we get a first order SF-MI transition for even number densities. While it remain continuous for odd number density.

We use the finite-size density-matrix-renormalization-group (FSDMRG) method to obtain the phase diagram of the one-dimensional ($d = 1$) extended Bose- Hubbard model for density $\rho = 1$ in the U - V plane, where U and V are, respectively, onsite and nearest-neighbor interactions. The phase diagram comprises three phases: Superfluid (SF), Mott Insulator (MI) and Mass Density Wave (MDW). For small values of U and V , we get a reentrant SF-MI-SF phase transition. For intermediate values of interactions the SF phase is sandwiched between MI and MDW phases with continuous SF-MI and SF-MDW transitions.

We show, by a detailed finite-size scaling analysis, that the MI -SF transition is of Kosterlitz-Thouless (KT) type where as the MDW-SF transition has both KT and two-dimensional-Ising characters. For large values of U and V we get a direct, first-order, MI-MDW transition. The MI-SF, MDW-SF and MI-: MDW phase boundaries join at a

Bicritical point at $(U, V) = (8.5 \pm 0.05, 4.75 \pm 0.05)$.

- C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of Lecture	Date
S. K. Mendiratta (Under Indo-Portuguese Collaborative Research Programme approved by DST, New Delhi)	Department of Physics, University of Aveiro, Aveiro Portugal	1. Composites Made from Glass Microspheres	5 th Dec. 03
		2. Advanced Microscopic Imaging Techniques for Biology and Materials Science	9 th Dec. 03

- D. Sponsored Research Projects sanctioned during the June 2003 to May 2004

Name	Topic	Date of Sanction	Funding Agency	Amount Rs.
K. R. Priolkar, P. R. Sarode, R. B. Prabhu	Neutron Scattering Studies of Heavy Fermion Systems	1 st Apr. 04 to 31 st Mar. 05	IUC-DAEF, Indore	1,22,000/-
K. R. Priolkar	Study of JahnTeller Polarons in doped RareEarth Maganites	10 th Nov. 03 3 years	DST, New Delhi	7,00,000/-

G. Any other information:

(1) Fellowships/Visiting Professorships etc.:

Under International Collaboration between Department of Science and Technology, New Delhi and Japan Synchrotron Radiation Research Institute, Hyogo, Japan in Science and Technology, P. R. Sarode and K. R. Priolkar Japan Synchrotron Radiation Research Institute, Spring - 8, Hyogo, Japan visited Spring-8 for carrying out research work in the field of XAFS during 26th May 04 – 10th June 04.

R. V. Pai, awarded a Visiting Fellowship during Feb. – Apr. 04 by Jawarlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore for conducting research work in Condensed Matter Physics.

University Science Instrumentation Centre

A. List of the teaching staff:

Name	Qualification	Designation	Specialization
G. M. Naik	Ph. D	Reader & Head	Sensors
R. S. Gad	M. Sc.	Technical Officer	Biomedical Electronics

B. Highlights of Major Thrust Areas of Research and Achievements of the Department.

University Science Instrumentation Centre is basically a service unit, which also deals with consultancy and design & development works. The Centre houses three workshops for Mechanical, Electronics, and Glass Blowing. All the three workshops are equipped with adequate equipments, machinery and instruments for handling various Research and Development needs of the University user departments and the affiliated colleges of the University. The trained staffs maintain the workshops in respective trade. Apart from service and maintenance, the center contributes in the development of basic infrastructure of the University, technical consultancies works, Campus Telephone etc. The center also organizes Seminar and Workshops in the areas of Instrumentation, Computer Maintenance and embedded systems etc.

C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of Lecture	Date
S. Balkrishana Alcatel	France	Job potential in European Union in the areas of communication	13 th July 03

Shirish Joshi AMD Pvt Ltd.	Ansa Industrial Estate, Mumbai	Embedded System design for appliances	5 th Aug. 03
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Deepak Chari Co-Chair	Society for Technical Communication Nokia Pvt. Ltd	Opportunities in Singapore for P. G. Student in Electronics	12 th Nov. 03
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D. List of the Research projects sanctioned during the June 2003 to May 2004.

Name of Investigators	Topic	Date of Sanction and duration	Funding Agency	Amount in Rupees
G. M. Naik	Instrumentation Maintenance Facility (IMF)	29 th Mar. 04 Three Years	UGC	9,26,000/-

2.4 Faculty of Life Sciences & Environment

2.4.0 General Information regarding faculty: (Departments and Degrees).

DEPARTMENT OF BOTANY: (M. Sc., Ph. D.)	DEPARTMENT OF MICROBIOLOGY: (M. Sc., Ph. D.)
DEPT OF MARINE SCIENCE: (M. Sc., Ph. D.)	DEPARTMENT OF ZOOLOGY: (M. Sc., M.Phil., Ph. D.)
DEPT OF BIOTECHNOLOGY: (M. Sc., Ph. D.)	

FACULTY BOARD

Dean of Faculty, <i>Chairman (Ex Officio)</i>	M. K. Janarthanan, <i>Member</i>
G. N. Nayak, <i>Member (Ex Officio)</i>	C. L. Rodrigues, <i>Member</i>
U. M. X. Sangodkar, <i>Member (Ex Officio)</i>	Savita Kerkar, <i>Member</i>
P. V. Desai, <i>Member (Ex Officio)</i>	R. Roy, <i>Member</i>
S. K. Dubey, <i>Member</i>	S. Bhosle, <i>Member</i>

Department of Botany

A. List of teaching staff:

Name	Qualification	Designation	Specialisation
D. J. Bhat	Ph.D	Professor & Head	Mycology & Pl. Pathology; Fungal Biodiversity and Bioprospecting; Agric Microbiology
P. K. Sharma	Ph.D	Reader	Plant Physiology
M. K. Janarthanam	Ph.D	Reader	Taxonomy of Angiosperms
B. F. Rodrigues	Ph.D	Reader	Cytogenetics and Pl. Breeding, Wasteland Reclamation, AM fungi, Medicinal Plants
V. U. Kerkar	Ph.D	Lecturer (S.S.)	Phycology
S. Krishnan	Ph.D	Lecturer	Plant histochemistry, Internal Morphology and developmental biology, Rice aroma analysis, Crop Physiology, Molecular Biology and Genetic engineering
N. Kamat	Ph.D	Project Scientist	Mycology, Mushroom technology, Fungal chemistry, Environmental education

B. The highlights of major thrust areas of research and achievements of the Department.

(I) Department has achieved the distinction of recognition as 'UGC-SAP (DRS) sponsored Department of Botany for the years 2003-07 in the first phase.

(II) Besides establishment of a Central Computer laboratory under DST-FIST program and procurement of major equipments such as HPLC, UV-Spectrometer, research microscope and a Gel-doc system, the faculty carried out researches on (i) Histochemical, biochemical and developmental studies of economically important plants, (ii) Micropropagation of orchids, medicinal and other economically important plants, (iii) Biodiversity and screening of fungi from varied habits and habitats, (iv) fungal and yeast culture collections, (v) mushroom and wine technology, (vi) photo-inhibition and role of xanthophylls, (vii) biodiversity of algae and higher plants and (viii) mycorrhizae.

C. List of visiting scholars invited to deliver Special Lectures under U.G.C. Scheme or endowment.

Name of Scholar	Institution	Title of Lecture	Date
William Halvorson	Society of Ecological Restoration, USA	Ecological Restoration	8 th Oct. 03

V. Krishnamurthy	Varanasi Research Foundation, Adyanadka, Karnataka State	Organic Farming for Sustainable Agriculture: A Success Story	15 th Oct. 03
V. Govindjee	Wisconsin University, Illinois, USA	Pioneers of Photosynthesis Research	20 th Feb. 04

D. Sponsored Research Projects sanctioned during the June 2003 to May 2004.

Name of Investigator/s	Topic	Date of Sanc. & Duration	Funding Agency	Amount (Rs.)
D. J. Bhat	Screening of fungi from varied habitats for secondary metabolites	2003-04	CSIR, New Delhi	Rs. 2,88,000
P. K. Sharma	Protocol development of economically important forest trees through tissue culture and Characterization of wild fruits & vegetables for vitamin 'A' and iron content to provide alternate food to overcome malnutrition is rural & tribal population of Western Ghats	2003-04	Planning Commission, New Delhi	Rs. 4,95,000
M. K. Janarthanam	Digital documentaion of flowering plants and their utilization in the state of Goa	2003-04	Planning Commission, New Delhi	Rs. 80,000
B. F. Rodrigues	Inoculum production strategies and application of Arbuscular mycorhizal fungi isolted from various ecosystems	2003-04	Planning Commission, New Delhi	Rs. 2,12,000
Vijaya U. Kerkar	Survey, documentaion and conservation of pteridophytes from Western Ghats (Goa region)	2003-04	Planning Commission, New Delhi	Rs. 80,000
S. Krishnan	Collection, documentation and micropropagation of Orchids from Western Ghats of Goa	2003-04	Planning Commission, New Delhi	Rs. 1,63,000

N. Kamat (Co-ordinator)	Studies on diversity, assessment of beneficial economic potential and eco-conservation of fungi of Western Ghats, Goa region.	2003-04	Planning Commission, New Delhi	Rs. 80,000
	Development of pilot scale wine making technology from Kokkum	Sept. 03, for 6 months	Western ghats Kokkum research Foundation	Rs. 10,000/-
	Improvement of mushroom spawn quality	2003-04	M/s Zuari Agro farms	Rs. 25,000/-

E. Sponsored Consultancy Work undertaken.

Name of the Teacher	Name of consultancy	Name of the Sponsorer	Duration of consultancy	Amount
N. Kamat	Supply of button mushroom spawn	M/S Zuari foods and farms ltd.	Yearly, renewable as per the MOU	Rs. 15, 000/-

G. Any other information:

(a) Awards/Honours conferred:

N. Kamat, conferred the "Goan of the year- 2002" (Goencho Mhamonis) award by the Gulab Konkani magazine, through the hands of Hon. C. M. Manohar Parrikar, in a special function at Margao, on 20th July 03. (ii) N. Kamat was given a Merit certificate by the DG, Doordarshan, New Delhi, for researching and scripting best TV documentary –'Water is life', produced by Goa center and among documentaries produced in all regional languages in western zone, Oct. 03. (iii) N. Kamat was conferred the first award of Vidnyan Prabhodini for science popularization, a citation and Rs. 5000/- by Vidnyan Prabhodini, Sattari, On 29th Nov. 03 at Sanquelim through the hands of Hon. Health minister, Suresh Amonkar.

D. J. Bhat, nominated as Member and Indian representative in the International Mycological Association Committee for Asia, for the period 2003-08.

Prizes and Awards Won:

Sharada W. Khade, Ph.D. Scholar, won M. J. Thirumalachar Memorial Award for Best Poster paper at National Symposium on Prospecting of Fungal Diversity and Emerging Technologies. MACS, Pune (2003).

(b) Fellowship/Visiting Professorship, etc.

- D. J. Bhat, Visited the University of Hong Kong, Department of Ecology & Biodiversity, as a Visiting Professor during 16th –30th Apr. 2004.
- M. K. Janarthanam, Attended the intermediate meeting of Inter GIS project held at GIS Campus, University of Girona, Spain from 19th to 21st May 04.
- S. Krishnan, was awarded two fellowships: (i) "Biotechnology Overseas Associateship Award by the Department of Biotechnology (DBT), New Delhi to carryout advanced research and training in the area of "Plant Biotechnology, Molecular Biology and Genetic Engineering" for the duration of one year at the International Rice Research Institute, Philippines. (ii) "Commonwealth Academic Staff Fellowship Award by the Commonwealth Scholarship Commission, London, U. K., to carryout specific research/training at the University of Nottingham, U. K. for the duration of six months. Since, both fellowships were for the year 2004-05, Krishnan availed the first.

(c) Any other special achievement by students/staff:

- M. K. Janarthanam & D.Narasimhan (Edited), 2003. Plant Diversity, Human Welfare and Conservation, Goa University, Goa.
- N. Kamat: (i) Submitted the draft cultural policy of the state of Goa, as the Chairman of the State Government's task force on cultural policy, to the Hon, Minister for Art & Culture, on 4th Dec. 2003. (ii) Appointed on expert group committee, under the chairmanship of the Hon. Industries minister, to prepare the draft biotechnology policy of the state of Goa, on Dec. 13th 03. (iii) Nominated by the government of Goa, on the committee on restoration of the secretariat building, under the chairmanship of minister for archives & archeology, Dec. 03. (iv) Nominated as a member of the research supervisory committee of the Goa Konkani akademy for Clarissa Morena Vaz research fellowship (2003-05), 27th June 03. (v) Invited by the National Sahitya akademy to compile a review paper on Post Independence modern Konkani poetry, Mar. 04. (vi) Invited by MARG to deliver the keynote address for the first All Goa road safety conference, Apr. 04. (vii) Nominated as chairman of the expert group committee to prepare the final draft of Goa biotech policy, Apr. 2004 and submitted the final draft in May 2004.
- B. F. Rodrigues: Chairman for Scientific sessions: Technical session III of National Workshop on "Mycorrhizal Technology" organized by Department of Botany, Mumbai University Mumbai 12th - 14th Sept. 03.

Resource Person and delivered lectures on:

- National Workshop on "Mycorrhizal Technology" organized by Department of Botany, Mumbai University Mumbai (12th - 14th Sept. 03).
- "Eco- System Management" - Institute of Management Training & Research, Margao Goa (14th Oct. 03).

- Seminar on Biofertilizers for Agriculture Officers - Ela Farm Old Goa (21st Feb. 04).
- "Eco- System Management" - Institute of Management Training & Research, Margao Goa (3rd Feb. 04).
- XVIth Orientation Course, UGC – Academic Staff College, Goa University (13th Sept. 04).

Ph.D.'s Awarded: (i) Keshavprasad, T.S. (2003) Studies on Diversity, Ecology and activities of microfungi in relation to mosquito developmental stages (Under guidance of D. J. Bhat)

(ii) Varsha Jaiswal (2002) Studies on Arbuscular Mycorrhizal Fungi in coastal sand dune vegetation of Goa. (Under guidance of B. F. Rodrigues)

(iii) Uday C. Gaonkar (2003) Studies on Arbuscular Mycorrhizal (AM) Fungi associated with some tree species from Mollem and Dharbandoda forest areas of Goa. . (Under guidance of B.F. Rodrigues)

(iv) Mehtab Jahan Bukhari (2003) Arbuscular Mycorrhizal (AM) fungal diversity of degraded iron ore mine wastelands of Goa. . (Under guidance of B. F. Rodrigues)

(v) Sharda W. Khade (2003) "Studies on arbuscular mycorrhizal status of *Carica papaya* L. in agro-based ecosystem of Goa". (Under guidance of B.F. Rodrigues)

Department of Marine Sciences

A. List of teaching staff:

Name	Qualification	Designation	Specialisation
G. N. Nayak	Ph.D	Professor & Head	Marine Geology, Modern Sedimentology, Sediment Geochemistry
C. L. Rodrigues	Ph.D	Reader	Marine Biology, Marine Ecology
H. B. Menon	Ph.D	Reader	Physical Oceanography, Remote Sensing, Marine Optics, Radiative Transfer Modelling
S. Upadhyay	Ph.D	Lecturer (S.S.)	Marine Chemistry, Aquatic Geochemistry
C. U. Rivonkar	Ph.D	Lecturer	Marine Ecology, Aquaculture
V. M. Matta	Ph.D	Lecturer	Marine Chemistry, Marine Pollution, Seaweed Chemistry

Aftab Can	Ph.D	Lecturer	Physical Oceanography & Meteorology, Remote Sensing
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B. The highlights of major thrust areas of research and achievements of the Department.

Satellite Oceanography; Radiative Transfer Model; Remote Sensing of water quality; Algorithm Development; Aerosol characterisation; Marine Optics; Air sea interaction and Genesis of water masses.

Nutrients and Trace elemental distribution in estuaries; Behaviour of Aluminium in estuaries; Biogeochemical cycling of environmental sensitive elements in the near shore region and Chemistry of sea weed along the coast.

Biodiversity and taxonomy of corals; Aquaculture; Marine Ecology and Fisheries.

Coastal and estuarine sediment characterisation; Impact of mining on the Mandovi – Zuari estuarine sedimentary environment; Geochemistry of estuarine sediments and Tidal flat sedimentary environment.

C. List of visiting scholars invited to deliver special lectures under U.G.C.scheme or endowment.

Name of Scholar	Institution	Title of lecture	Date
Divakar Naidu	NIO	Indian monsoon and global climate	26 th July 03
A .C. Anil	NIO	Marine bioinvasion	9 th Aug. 03
Sugandini Naik	NIO	Importance of sampling, preservation, storage and precision in chemical oceanographic studies	23 rd Aug. 03
Nagender Nath	NIO	Hydrothermal deposits	2003-04

D. Sponsored Research Projects sanctioned during the June 2003 to May 2004.

Name of Investigator/s	Topic	Date of sanction &	Funding Agency	Amount

		duration		
G. N. Nayak Principal Investigator H. B. Menon Co-Investigator V. M. Matta Co-Investigator	"Impact of mining on the Mandovi – Zuari estuarine system – A case study through remotely sensed and insitu observed data, Goa, West Coast of India".	19 th Nov. 03 3 years duration	Department of Ocean Development, Govt. of India.	Rs.24, 83,140/ with 1 RA & 3 JRF's.
H. B. Menon Principal Investigator	"Development of improved atmospheric correction procedure and retrieval of ocean parameters".	10 th Dec. 03 3 years duration	ISRO	Rs.18, 00,000/ with 1 JRF
H. B. Menon Principal Investigator	"Aerosol characterisation over west coast of India for analyzing the water quality through satellite data	27 th Apr. 04 3 years duration	ISRO- GBP	Rs.12, 50,000/ with 1 JRF

Department of Biotechnology

A. List of teaching staff:

Name	Qualification	Designation	Specialization
U. M. X. Sangodkar	Ph.D	Professor	Environmental Biotechnology, Microbiology, Biochemistry
Urmila Barros	Ph.D	Lecturer (S.S.)	Immunology, Animal Tissue Culture, Bioactive substances
Usha D. Muraleedharan	Ph.D	Lecturer (S.S.)	Biochemistry/Enzymology/ Biological Oceanographic processes
S. C. Ghadi	Ph.D	Lecturer (S.S.)	Applied Enzymology Molecular Biology
Savita S. Kerkar	M.Sc.	Lecturer	Marine Microbiology

B. The highlights of major thrust areas of research and achievements of the Department.

1. The Department of Biotechnology is now an independent Department w.e.f. 23rd June 03.
2. In view of the reputation and standards in producing world-class human resource in biotechnology in India, the Department was among the few centers identified by DBT, Govt. of India to double the intake of students for M.Sc Programme w.e.f. June 03.
3. The contribution of this Department has placed Goa University amongst top 6 Universities on par with JNU, MSU, MKU, BHU, Pune University to receive continued funding from DBT for the M.Sc. programme, to date (DBT normally funds only for the first 5 yrs from inception).
4. The Department has excellent strengths that have been developed in the following thrust areas:
 - Biodegradation of oil spills and tar balls by selectively developed, genetically superior, marine microbial consortia.
 - Study of agarases, xylanases and proteases of special characteristics of commercial importance from marine microorganisms.
 - Processes for preparation of toxins and other bioactive substances from bacteria and higher marine organisms.
 - Establishment of methods of assesses risks due to recombinant DNA in marine environment.
 - RAPD studies in seaweeds.
 - Biodiversity & ecology of hypersaline bacteria.
 - Tissue Culture (plant & animal) facility.
 - Introduced course in Bio-informatics
 - Laboratory facility for radioactive work.
 - Walk-in-Cold room
5. Based on the Department's performance, a generous funding of Rs. 13 lakhs has been received from UGC (for the Xth plan).
6. The department is one of the select 19 centers to have been awarded DBT 'JRF' positions from 50 odd DBT centers in India and ranked among the top twenty-five.

D. Sponsored Research Projects sanctioned during the June 2003 to May 2004.

Name of Investigator/s	Topic	Date of Sanction and duration	Funding Agency	Amount
Co-ordinator, Biotechnology	Human Resource Development	19 th Sept. 03 One year	DBT	Rs.10.98 lakhs
Savita Kerkar	Screening of microbial cultures isolated from	June 2003 to May	CSIR	Rs.2, 60,042/-

	hypersaline environments for bioactive compounds	2004		
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F. Achievements (Rank/Merit in the University Examinations/sports activities).

Rank/Merit:

Aakanksha Bhatt was awarded "Late Dr. Leo Mackensen Barros Gold Medal" for standing first at the M.Sc. Marine Biotechnology examination in May 2004

G. Any other information:

(1) Any other special achievement by students/staff.

Suvarna Fonseca – M.Phil. Completed in 2004, (Environmental Sciences)

Plateaunica – Science 'A' group consisted largely of the students of the Department of Biotechnology. This group won the rolling trophy at the PG event – Plateaunica Festival Feb-Mar. 2004

i) Five students, namely, Meyanungsang, Pankaj Verma, Veeraiah Chowdary, Manju Kumari and Prashant Srivastava passed NET Lecturership

ii) Akhil Agrawal and Reeti Behera cleared CSIR JRF and UGC JRF, respectively.

iii) GATE – a) Pankaj cleared GATE with 99.93 percentile, secured 4th rank in India b) Shaikh Farooque Razvi and Sheikh Mohd. Talha cleared GATE with 95.5 and 92.37 percentile respectively.

iv) Summer Training Placement – M.Sc. students were placed for Summer Training at below mentioned places, during May - June 2004.

1. National Institute of Virology, Pune
2. Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow
3. TERI, New Delhi
4. Central Jalma Institute for Leprosy and other Mycobacterial Diseases, Agra
5. National Institute of Oceanography, Dona Paula, Goa
6. Indian Lac Research Institute, Jharkhand
7. Agarkar Research Institute, Pune
8. Jawaharlal Nehru University, New Delhi
9. Banaras Hindu University, Varanasi
10. NEERI Zonal Laboratory, Mumbai
11. National Chemical Laboratory, Pune
12. M.S. University, Baroda
3. National Botanical Research Institute, Lucknow

Department of Microbiology

A. List of teaching staff:

Name	Qualification	Designation	Specialisation
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D. J. Bhat	Ph.D	Professor & Head (w.e.f. 16.08.2003)	Mycology & Pl. Pathology; Plant & Fungus Biodiversity; Agric. Microbiology
J. D'Souza	Ph.D	Reader & Head (w.e.f. 16.12.2002 to 15.08.2003)	Geomicrobiology, Microbial Ecology, Pollution Control, Environmental Microbiology, Aquaculture & Fish Diseases, Microbial Quality Assurance in Foods
S. K. Dubey	Ph.D	Reader	Molecular Biology, Genetic Engineering, General and Applied Microbiology, Environmental Biotechnology
S. Bhosle	Ph.D	Reader	General and Environmental Microbiology, Microbial Biochemistry, Marine Microbiology, Biotrans formation, Extremophilic microorganisms
I. Furtado	Ph.D	Reader	Basic and Applied Microbiology, Microbial systematics, Biofertilizers, Extremophilic Microorganism (ARCHAE), Microbial Degradations, Ecology and sustainability
S. Nazareth	Ph.D	Lecturer (S.S.)	Biochemistry, Genetic Engineering, Environmental and Medical Microbiology: Retting of plant fibres, Lignin degradation Biocontrol, Metal biosorption, and extremophiles.
S. Garg	Ph.D	Lecturer	Industrial and Medical microbiology, Microbial Technology, Fungal Fermentation, Biofertilizers, Agricultural Microbiology.

B. The highlights of major thrust areas of research and achievements of the Department.

Microbial diversity of Eubacteria, Archaeobacteria, Cyanobacteria, Fungi, Actinomycetes in Marine and Terrestrial niches under normal and extreme condition of pH temperature and salinity.

Microbial transformations, biodegradation, bioremediation, with reference to aromatic organometals. Biosedimentation and metal biosorptions (arsenate and mercury).

Microbial resources / production: PHA, enzymes under non ambient / extreme condition, bioactive compounds, pigments, ethanol production, wine yeast, ectomycorrhizal inoculum.

D. Sponsored Research Projects sanctioned during the June 2003 to May 2004.

Name	Topic	Date of sanction	Funding agency	Amount
S. Garg	Production of inoculum formulation containing <i>Pisolithus</i> sp. for inoculation of plant seedlings transplanted on mine's reject	6 th Jan. 04 5 years	Sesa Goa Ltd, Goa	Rs. 7.80 lakhs

G. Any other information

(b) Fellowship / Visiting Professorship etc.

S. K. Dubey: Visiting Scientistship of CMES, Ehime University, and Matsuyama, Japan. 11th -15th Jan. 04.

Department of Zoology

A. List of teaching staff:

Name	Qualification	Designation	Specialisation
P. V. Desai	Ph.D	Professor & Head	Animal Physiology, Neurophysiology
A. B. Shanbhag	Ph.D	Reader	Endocrinology, Wetland Biology
S. K. Shyama	Ph.D	Lecturer (S.S.)	Genetic Toxicology, Human Genetics
I. K. Pai	Ph.D	Lecturer (S.S.)	Genetics, Sericulture
R. Roy	Ph.D	Lecturer (S.S.)	Environmental Physiology, Lipid Biochemistry

B. The highlights of major thrust areas of research and achievements of the Department.

Ecology of Wetlands with special reference to water fowls, seasonal changes in bird diversity, Role of lipids during post hatching developments of fowls, study of physico-chemical and Biological characteristics of water bodies in Goa with special reference to Zooplanktons and their ecology, search for marine bacteria as source of fatty acids, Electrophysiology of different neurons and heart tissues. Clastogenic and Tumor reducing properties of some plant products; on the genetic disorders in Goa.

G. Any other information:

(a) Awards / Honours conferred:

I. K. Pai, (i) Awarded Congress of Zoology Gold Medal by Zoological Society of India; (ii) Awarded Honorary fellowship of Indian Academy of Environmental Science with Gold Medal; (iii) Awarded Summer Fellowship by Indian Academy of Sciences, Bangalore.

(b) Fellowship/Visiting Professorship, etc:

P. V. Desai, (i) Delivered Plenary talk at National Conference on Biotechnology and Environmental at Shivaji University, Kolhapur. 17th Oct. 03; (ii) Delivered Plenary talk at International Conference on cell and Molecular Biology, Pune University, Pune, 7th – 9th Jan. 2004.

I. K. Pai, Visiting faculty to Shivaji University.

(c) Any other special achievements:

Trivikram Deshpande, Awarded Ph.D. Degree, Goa University

Raghuram Bhat, Awarded Ph.D. Degree, Goa University

R. Roy, Attended as resource person in a workshop on "Instrumentation" Organised by All Goa Association of Zoologists during 26th & 27th July 03.

2.5 Faculty of Management Studies

2.5 General Information regarding faculty: (Departments and Degree).

DEPARTMENT OF MANAGEMENT STUDIES: (MBA, Ph.D.)
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FACULTY BOARD

Dean of Faculty, <i>Chairman (ex officio)</i>	N. Mekoth, <i>Member (ex officio)</i>
A. G. Balasubramanian, <i>Co-Chairman (ex officio)</i>	S. Kumar, <i>Member</i>
Y. V. Reddy, <i>Member (ex officio)</i>	K. B. Subhash, <i>Member</i>

Department of Management Studies

A. List of teaching staff:

Name	Qualification	Designation	Specialisation
A. Sreekumar	MBA, Fellow of IIM (Ahmedabad)	Professor (on lien)	Quantitative Techniques, Strategic Management
Balasubramanian A. G.	MBA Fellow of IIM (Ahmedabad)	Reader	Human Resources
Mekoth Nandkumar	Ph.D.	Reader & Head	Marketing
Satishkumar	Ph.D., FDP IIM (Ahmedabad)	Lecturer (S.S)	Organisational Behaviour
Dayanand M.S.	MBA	Lecturer	Marketing
Fernandes Kshama	MMS	Lecturer (on lien)	Finance

B. Highlights of major thrust areas of research and achievements of the Department.

The Department is actively concentrating to develop research activities through its contribution to the Tourism Study Group. Three students are registered for Ph.D. in the area of Tourism Studies.

Presently, seven candidates are registered formally for their Ph.D. out of which two candidates are full time research students.

G. Any other information:

(2) Fellowships/Visiting Professorships etc.

A. G. Balasubramanian, Visited International University of Business, Agriculture and Technology, Dhaka, Bangladesh as a Honorary Visiting Professor during Nov. 2003.

Satishkumar visited the University of Ingolstadt, Germany under the Foreign Exchange Programme during the period from May 03 to July 03.

(2) Any other special achievement by students/staff:

Nandkumar Mekoth, Attended a workshop on Data Analysis at TISS, Mumbai 3rd -15th Nov. 03.

M. S. Dayanand, Attended at QIP at T. A. Pai Management Institute, Manipal in Oct. 03.

Attended a National seminar on "Towards Institutional Competitiveness" at Symbiosis Institute of Business Management, Pune on 9th – 10th Apr. 04.

Three MBA Part II students attended a seminar at University of Applied Sciences, Ingolstadt, Germany under the Foreign Exchange Programme during the period from March to July 2003.

Five students from University of Applied Sciences, Ingolstadt, Germany spent a semester in the Department attending the courses.

2.6 Faculty of Commerce

2.6 General Information regarding faculty: (Departments and Degree).

DEPARTMENT OF COMMERCE: (M. Com., M.F.S, Ph. D.)

FACULTY BOARD

Dean of Faculty, <i>Chairman</i>	Y. V. Reddy, <i>Member</i>
B. Ramesh, <i>Member</i>	Kshama Fernandes, <i>Member</i>
A. G. Balasubrananian, <i>Member</i>	Anjana Raju, <i>Member</i>
N. Mekoth, <i>Member</i>	

Department of Commerce

B. List of teaching staff:

Name	Qualifications	Designation	Specialisation
B. Ramesh	Ph.D	Professor (on lien)	Accounting and Finance, Capital Market Studies

Y. V. Reddy	Ph.D	Reader & Head	Accounting & Finance, Capital Market Studies
Anjana Raju	Ph.D	Lecturer (S.S)	Human Resource Management, Marketing, Capital Market Studies
K. B. Subhash	Ph.D	Lecturer	Finance/Quantitative Techniques

B. The highlights of major thrust areas of research and achievements of the Department.

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

40 Project works of M.Com. Students and 25 MFS Project works were guided by the Department as part of the Corporate Internship of M.Com. & M.F.S. IV semester. All the project works were based on the work experiences of the students in industries in Goa and outside Goa.

C. List of visiting scholars invited to deliver special Lectures under U.G.C. Scheme of endowment

Name of Scholar	Institution	Title of Lecture	Date
Louis Vaz	C.A., Panjim	Advanced Management Accounting	July – Nov. 03
Gajendra Babu	C.A., Panjim	Advanced Cost Accounting	July – Nov. 03
Tensingh Rodrigues	C.A. Panjim	1.Security Analysis 2. Marketing of Financial Services	July – Nov. 03
Herwin Furtado	Lecturer, St. Xaviers College	General Management	July - Nov. 03
M.R. Patil	Sr. Lecturer, VNS Bandekar College	1. Management Accounting 1. Advance Marketing Management	July – Nov. 03 Dec. 03 – April. 04
Swathi Rane	C.A. Panjim	Mergers & Acquisitions	July – Nov. 03
Savari Muthu	Management Consultant, Panjim	1. Project Management 2. Materials Management	July – Nov. 03 Dec. 03 – April. 04

Prabhu Desai	C.A. Panjim	Direct Taxes	July – Nov. 2003
Shilpa Deshpande	C.A. Panjim	Direct Taxes	July - Nov. 2003
Radhika Meenakshi	Ex-Faculty, AMITY Institute, Noida	Cases in Financial Services	July – Nov. 03
Aswani Singh	Regional Manager, ICICI Bank, Panaji	Marketing of Financial Services	July – Nov. 03
Nanda Gopal	Vice President, Birla Sunlife Insurance Co., Mumbai	Insurance Management	Dec. 03
Golak Nath	Manager, NSE, Mumbai	Treasury & Forex Management	Jan. 04
		Mergers & Acquisitions	Oct. 03
B. Srinivas	Associate Professor, Osmania University	Software Applications	Mar. 04
Rachana Baid	Asstt. Professor, UTIICM, Mumbai	Cases in Financial Services	Oct. 03
Venkateshwarlu	Asstt. Professor, NITIE, Mumbai	Equity Research Analysis	Oct. 03
Sunder Ram	Associate Professor, Narsee Monjee Institute Of Managt Studies	Equity Research Analysis	Oct. 03
Achalapati K. V.	Osmania University, Hyderabad	Quantitative Techniques	Oct. 03
Obul Reddy D.	Osmania University, Hyderabad	Quantitative Techniques	Sept. 03
R. L. Hyderabad	Reader, Karnataka University	Corporate Reporting & Management Accounting	Oct. 03
Roy Anthony	Asstt. Manager, NSE, Mumbai	Financial Derivatives	Sept. 03

G. Any other information:

(1) Awards/Honours conferred:

Anthony Rodrigues has been awarded Ph.D. degree by Goa University for the thesis entitled "Accounting and Financial Practices of Small Scale Industry: A Study of selected units from Goa" under the supervision of B. Ramesh.

Athony Satish Benadict has been awarded Ph.D. degree by Goa University for the thesis entitled "Corporate Disclosure Practices in India – An Empirical Study" under the supervision of Y. V. Reddy on 13th Dec. 03.

(2) Fellowships/Visiting Professorships, etc.:

B. Ramesh: 1. Joined as Professor of Business Administration and Head, Department of Commerce & Business Administration, on invitation at Siddhartha P. G. Centre, Nagarjuna University, and Vijaywada on 27th June 03 on liens from Goa University for one year. (2) Invited as expert committee member (expert committee for UGC Innovative Programme) by the UGC, New Delhi in Apr. 04.

2.7 INNOVATIVE PROGRAMMES

(i) Research & Development and Resources 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, State Government of Goa. The second major source of funding comes from the Research Projects.

Over 210 Research and Development Projects and Consultancies are handled by the faculty members of Goa University funded by various Organizations such as Council of Scientific and Industrial Research (CSIR), Department of Science & Technology (DST), University Grants Commission (UGC), Department of Ocean Development (DOD), Atomic Energy Regulatory Board (AERB), Department of Biotechnology (DBT), Goa State Council of Science (GSCST), Department of Environment and Forest Wild Life (DOENF), Control Net India Pvt. Ltd (CIPL), Indian Council of Medical Research (ICMR), CIBA, South Asian Network for Development and Environmental Economics (SANDEE) and other public foundations of which 66 are ongoing and are in various stages of completion amounting to Rs. 89,85,942.

In the year 2003 - 04 alone 40 Projects were sanctioned to the Department of Botany, Chemistry, Microbiology, Physics, 2 DAP Programmes to the Department of Physics, Botany, Geology and Zoology has been sanctioned. The total grant in this year was Rs. 57,41,431, funded by CSIR, DST, DOD, DBT, DOD, UGC, DBT, AERB, TERI, IUC, Inter GIS Asia Link Programme, GSCST, and GSWC.

(iii) Remote Sensing Laboratory (RSL)

The laboratory has been set up to cater the need of trained manpower in the field of Remote Sensing. A course on Remote Sensing has been introduced across the spectrum of departments such as Marine Science, Earth Science, Botany, Zoology and Physics. As the course has practical component, this is being carried out in this laboratory. Moreover Faculty Members working in the field related to remote sensing make use of the laboratory for research activities.

(iv) Ocean Science and Technology Cell (OSTC)

Ocean Science and Technology Cell (OSTC) in the field of Marine Microbiology was established in January 1998, by the Department of Ocean Development. The cell reviews, recommends and monitors the progress of research projects and functions under the guidance of Management Boards and the activities are reviewed by the Steering Committee. The cell is in its seventh year and has so far recommended and monitored ten projects, three of which have completed their tenure on 31st Mar. 04.

❖ A two-day meeting of the Steering Committee was called by the DOD with the Research Coordinator of the OSTCs on 27th & 28th Nov. 03 at National Institute of Ocean Technology (NIOT), Chennai. Research Coordinator (S. Bhosle). The status of projects and OSTC, Goa University monitored by the Research Coordinator, Goa University.

❖ Twelfth and Thirteenth Management Board meetings were held on 21st October 03 and 27th May 04 respectively.

❖ The status of the ongoing/completed projects were presented by the P.I.s/Co-P.I.s and the progress of the projects were reviewed during the workshop held on 26th May 04. Four new project proposals were presented by the P.I. of which three projects were recommended to DOD for funding.

❖ The progress of two Manpower Development Programme entitled "Studies on Marine Microorganisms Producing Lipases and Polyhydroxyalkanoates" and "Microbiological Studies on Mangrove/Marine Bacterial Flora" were reviewed by the Management Board members on 27th May 04.

❖ Ajay Saxena, Director, DOD, New Delhi visited OSTC (Marine Microbiology), discussed with Research Coordinator and the students working under Manpower Development Projects. K. V. Sharma, Scientist-D, was deputed by DOD for physical verification of the assets acquired at OSTC and other departments at Goa University through projects funded by DOD.

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

The DEITI started its first uplink through satellite on 20th Aug. 2004. The programme was received and viewed at all the DRS centers located in selected colleges and Higher Secondary Schools in all Talukas. Thereafter, on all Tuesdays and Fridays of the week, DEITI has been uplinking various pre-recorded educational programmes of eminent Resource Persons covering almost all subjects. Besides, DEITI's studio and other infrastructure were also extensively utilized by outside parties on hire for recording their audio/visual programmes. DEITI has recorded some of the important function of the University, viz., Pre-Convocation, Convocation, Students' Cultural meet-Plateaunica etc. during the period. The DEITI infrastructure is being upgraded with professional audio/video recording and editing facilities. The preparation for live interactive programme, in near future, is on.



PART 3: ACHIEVEMENTS BY UNIVERSITY FACULTY

A: Seminar/Conference/Workshop Organised

Theme of Seminar/Conference/Workshop	Dates	Funding Agency
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ENGLISH

Katha Seminar on "Wellsprings of Diversity, Lifeline of Identity: Storytelling and Translation"	1 st Oct. 03	Katha Organisation Dept. of English, Goa University and Katha, New Delhi
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KONKANI

"Seminar on "New Horizons in Konkani Language & Literature"	9 th & 10 th Oct. 03	Shenoi Goenbab's 125 th Birth Anniversary Celebration Committee, Govt. of Goa,
Seminar on " Prof. Laxmanrao Sardessai : Vyaktitwa and Krutitwa."	12 th & 13 th Mar. 04	Goa University

HINDI

National Seminar on Functional Hindi	12 th Mar. 04.	Goa University
Seminar on "Bharatiya Sahitya : Vividh Paridrishya	29 th & 30 th Mar. 04	Goa University & Dempe Educational & Research Centre , Panaji

MARATHI

Seminar on "Science Fiction in Marathi: Its Nature and Challenges Ahead"	15 th & 16 th Dec. 03	i) Goa University ii) State Bank of India and iii) Gomantak Marathi Academy, Panaji - Goa.
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Seminar on "Prof. Laxmanrao Sardessai: Vyaktwa anni Krututwa".	12 th & 13 th Mar. 04	Goa University
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FRENCH

Méthodologie de l'Enseignement de la Civilisation Française	22 nd Mar. 04	Goa University
Presentation of the novel La couleur de la Peau (Skin) as an illustration of the colonial encounter by the author Margaret Mascarenhas	20 th Feb. 04	Department of French and Franco-phone Studies, Goa University

ECONOMICS

The Economy of Goa since Liberation	27 th Feb. 04	Goa University
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HISTORY

XIV Local History Seminar (GOA) on " Agriculture and Industry in Goa: From Ancient to Modern", and Symposium on " Art and Architecture in Goa ".	12 th & 13 th Mar. 04	Goa University and Directorate of Archives and Archaeology, Govt. of Goa.
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Philosophy

Recent Developments in Science and the Challenges and Opportunities to Religion	11 th Jan. 04	Indian Institute of Science and Religion, Pune and Science and Religion Sangam, Margao
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Centre for Latin American Studies

Area Studies in the Era of Globalisation	7 th – 8 th Oct. 03	UGC Area Studies Programme
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Centre for Women Studies

Workshop on 'Gender Sensitisation'	8 th – 9 th Aug. 03	Dhempe College
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Chemistry

Workshop on Quantum Chemistry Teaching	8 th – 12 Aug., 03	Department of Chemistry & NAAC
DST Group Monitoring Workshop in Inorganic Chemistry	7 th & 8 th Nov. 03	Department of Chemistry
X-Ray Technique	26 th & 27 th Feb. 04	Goa University & Toshniwal Brothers.
Advances in Catalysis with a feature talk on "Application of Carbon Materials" by Jose Luis Figueiredo, University of Porto, Portugal	18 th Dec. 03	Goa University

Comp. Science & Tech.		
Workshop for the SET Examination	16 th , 17 th & 18 th Jan. 04	Goa University
Physics		
Refresher Course in Experimental Physics	28 th Oct. to 10 th Nov. 03	Indian Academy of Sciences, Bangalore
EXAFS and its application in Materials Science		UGC-SAP
Zoology		
Group Monitoring Workshop-Fast Track Project	22 nd – 23 rd Mar. 04	DST, New Delhi
Management		
Faculty Development Programme for Irrigation Management & Training Institute, Tamilnadu	9 th – 10 th Jan. 04	IMTI



B: Papers Presented at Seminars/Conferences/Workshops

Theme of Seminar / Conference/ Workshop	Organizing Institute	Place	Date	Title of Paper Presented
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ENGLISH

K. S. Bhat				
Politics, Ideology & Literature: Trends and Tendencies in Contemporary Writing	Department of English, University of Mumbai	Mumbai	20 th - 22 nd Feb. 04	Doctor Zhivago and the Problem of History
Bharatiya Sahitya: Vividh Paridrishya	Department of Hindi	Goa University	29 th & 30 th Mar. 04	Art. vs. Ideology: Brecht and Yaksha- gana New Trends in

				Interdisciplinary Studies: Multi-Cultural Contexts
K. Budkuley				
Interdisciplinary Studies and Marketing Knowledge: New Trends	School of Langs. & Lit. SRT Marathwada University	Nanded	18 th & 19 th Jul. 03	New Trends in Interdisciplinary studies in Multicultural Situations
Linking Diversities, Forging Identities: Story Telling & Translation	Katha, New Delhi, Department of English, Goa University	Goa	1 st Oct. 03	Indo-European Storytelling in Translation: Crisscross of Diversity Identity
Annkārāntleo Ādkhalli	Sahitya Akademi, Delhi CUSAT, Kochi	Kochi, Kerala	4 th & 5 th Nov. 03	Kavitechea Annkārāntleo Ādkhalli (Konkani)
Gomant Vishwa Sammelan	NRI Cell, Govt. of Goa, Kala Academy	Panaji, Goa	4 th Jan. 04	Cultural Harmony in Goa.
American Literature	Department of English BAM University	Aurangabad	11 th –13 th Mar. 04	Subaltern Voices of the 70s in American Literature
Shenoi Goembab & Pioneers of Modernity	Sahitya Akademi, Delhi; Asmitai Pratisthan, Goa	Mumbai	3 rd & 4 th Apr. 04	Nativity-Modernity in Shenoi Goembab' s Work & Vision
Politics, Ideology & Literature: Trends & Tendencies in Contemporary Writing	Department of English, University of Mumbai	Mumbai	20 th – 22 nd Feb. 04	The Silken Glove, Iron Fist Syndrome in Literature: Ideology-Politics Nexus in Contemporary Mythopoeia
Scientific & Technical Terminology	Department of Hindi, Goa University; Commission for Scientific &	Goa	18 th & 19 th Mar. 04	Konkni Taknikee Shabdāwali: Chand Vichār (Hindi)

	Technical Terminology, HRD Ministry, New Delhi			
Bharatiya Sahitya: Vividh Paridrikshya	Dempo Charities Trust & Department of Hindi, G. U.	Goa	29 th & 30 th Mar. 04	Bharatiya Sahitya ki Avadhārannā. (Hindi)

Anita Vashishta				
Politics, Ideology & Literature: Trends. and Tendencies in Contemporary Writing	Dept. of English, University of Mumbai	Mumbai	20 th - 22 nd Feb. 04	Politics & Ideology in Hamara ShaharBaras
Andre Rafael Fernandes				
The Church in the Evolving Society of Goa: Joining Hands for Building up of a New Society	Xavier Centre of Historical Research, Porvorim; Pastoral Institute Plus X, Old Goa; Patriarchal Seminar of Rachol; All India Mission Seminary of Pilar.	Pastoral Institute Plus X, Old Goa.	4 th & 5 th Oct. 03	The Contribution of Tiatrs and Songs towards forming a New Society
Constructing Identity through Folklore: Canada and Goa.	Shatri Indo Canadian Institute, New Delhi and Canadian Studies Programme, Goa University	ASC, Goa University	16 th Apr. 04	Role of Tiatrs in re-defining the Goan
Nina Caldeira				
XX th International Conference on Canadian Studies		University of Jaipur, Rajasthan	27 th - 29 th Feb. 04	Transculturalism: Goan Diaspora in Canada

KONKANI

P. S. Tadkodkar				
Konkani Shikshan Niyāl Āni	All India Konkani	Panaji	14 th Sept. 03	Padvi ani

Nirnnay	Sahitya Parishad			Padvyut'tar Pāmvidyāvelem Shikshan
24 th Session	All India Konkani Parishad, Calicut	Calicut, Kerala	13 th - 15 th Feb. 04	Sanskriti Sanvar- dhanānt Sahiteek Bailāncho vāntto
Prof. Laxmanrāo Sadessai: Vyaktitva āni Krutitva	Dept. of Konkani & Dept. of Marathi	Goa University	12 th -13 th Mar. 2004	Prof. Laxmanrav- anchya Sahityatalem Vyakatichitran
Scientific & Technical Terminology	Dept. Of Hindi, Goa University, Commission for Scientific & Technical Terminology, HRD Ministry, New Delhi	Goa University	18 th -19 th Mar. 2004	Relation between Konkani & Hindi: Need of the Hour
Bhartiya Sahitya: Vividh Paridrishya	Dept. of Hindi	Goa University	29 th -30 th Mar. 2004	Bhartiya Sahitya ka Sānskritik Vaishitya: Konkani Nibhandha Sahitya ke Sandarbha mein (Hindi)
Chandralekha D' Souza				
Yashpalji ki Janamshatābdi	Shivaji University & Dakshin Prachar Sabha	Kolhapur	24 th & 25 th Nov. 2003	Chitralekha: Pāp Punya ki Paribhāshā
Translation: Hindi & Indian Languages	Dharwad Hindi Prachar Sabha & Central Directorate of Hindi	Dharwad	19 th & 20 th Dec. 2003	Hindi - Konkani Relationship
New Horizons in Konkani Language & Literature	Dept. of Konkani, Shennoi Goenbab's 125 th Birth Anniversary Celebration Committee	Goa University	9 th & 10 th Oct. 2003	Challenges before Konkani Literature (Konkani)

Madhavi Sardesai				
New Horizons in Konkani Language & Literature	Dept. of Konkani, Shenvoi Goenbab's 125 th Birth Anniversary Celebration Committee	Goa University	9 th & 10 th Oct. 2003	Place of Konkani in the Konkani State: A Sociolinguistic Critique (Konkani)
Prakash Parienkar				
Konkani Drama	Grāmin Vikas Shikshann Sousthā, Sattari	Forest Training School, Valpoi-Goa	9 th June, 03	Sattari Tālukyāntli Konkani Nātya Challvall.
Constructing Identity through Folklore: Canada and Goa.	Indo Canadian Institute, New Delhi and Canadian Studies Programme, G.U.	ASC Goa University	16 th Apr. 04	Folklore of Sattari Taluka and its Identity
	All India Konkani Parishad 24 th Session	Calicut, Kerala	13 th to 15 th Feb. 2004	Contribution of Goan Youth in the Development of Konkani Language

HINDI

R. N. Mishra				
Vishwa Sandarbha mein Tulsi ka Sandesh	Dharma Parishad Lucknow	Gonda, U. P	30 th – 31 st Jan. 03	Vishwa Sandarbha mein Tulsi ka Mānavatāvādi Sandesh
Bheeshma Sahani ka Rachanā Sansār	Govt. College Pernem & A. K. Pandey Manch	Pernem Goa	16 th Feb. 04	Rachanakar Bheeshm Sahani

Bhartiya Sahitya: Vividh Paridrishya	Dept. of Hindi & Dempo Educational & Research Centre	Goa University	29 th – 30 th 04	Bharateeya Sahitya Evam Sāmāsik Sanskriti
Anuvād Siddhānt Aur Vyavahār	Govt. College of Arts, Sc. & Comm. Khandola	Khandola Goa	29 th Mar. 04	Anuvād ki Sārthakatā
Ishrat Khan				
Hindi Sahitya	Dakshin Bharat Hindi Parishad & Dept. of Hindi, Shivaji University	Kolhapur	24 th - 25 th Nov. 03	Sāmājik Badlao ke Sandharbh mein Hindi Upanyas (1901 – 2000)
V. S. Mandrekar				
Bishma Sahni ka Sahitya	JAIES, Goa University	Panaji, Goa	2 nd Aug. 03	Tamas ka Mulyānkan (Hindi)
Linking Diversities, Forging Identities: Story Telling & Translation	Katha, New Delhi, Dept. of English, Goa University	Goa	1 st Oct. 03	Anuvād ki Samasyāyein (Konkani Sahitya ke Sandharbha mein) (Hindi)

Hindi Sahitya	Dakshin Bharat Hindi Parishad & Dept. of Hindi, Shivaji University	Kolhapur	24 th – 25 th Nov. 03	Konkani mein Itihasik Charitra (Hindi)
Konkani Sāhityāntlee Bāylānchi Abhivyakti: Hāves āni Maryādā	Konkani Akademi	Panaji	27 th Mar. 04	Konkani Kavayatrinchem Bhāvavishva (Konkani)
Bharatiya Sahitya: Vividh Paridrishya	Dept. of Hindi, Goa University & Dempo Educational & Research Centre	Goa	29 th & 30 th Mar. 04	Ānchalikta; Hindi Evam Konkani Sahitya ke Sandharbha mein

				(Hindi)
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MARATHI

V. D. Sawant				
Bharatiya Sahitya: Vividh Paridrishya	Dept. of Hindi, G.U., Dempo Educational & Research Centre	Goa University	29 th & 30 th Mar. 04	Marathi Dalit Sahitya (Hindi)
Prof. Laxmanrao Sardesai: Vyaktitva ānni Krutitva	Dept. of Marathi & Dept. of Konkani Goa University	Goa University	12 th & 13 th Mar. 04	Mānddavi Tu Ātalis ka: ek Vāngmayeen Ākalan (Marathi)
Scientific & Technical Terminology	Dept. of Hindi, Goa University Commission for Scientific & Technical Terminology, HRD Ministry, New Delhi	Goa University	18 th Mar. 04	Marathi Paribhāshā Nirmiti (Marathi)
S. M. Tadkodkar				
Science Fiction in Marathi: Its Nature and Challenges Ahead	Dept. of Marathi, Goa University	Goa	15 th & 16 th Dec. 03	Critical Analysis of Science Fiction in Marathi (Marathi)
Leelācharitra: The 13 th Century Marathi Prose of Mahanubhava Sect.	Dept. of Marathi, University of Pune	Pune	13 th & 14 th Feb. 04	The Scheme of Construction of Marathi in Leelācharitra (Marathi)

FRENCH

Edith Melo Furtado				
'Methodology'	Goa Board	Porvorim	6 th Feb. 04	Methodology of Teaching Oral Skills in French
Universities Today: Emerging Trends and Concepts	Institute of Indo – European Studies	Goa University	14 th & 15 th Dec. 03	Emerging Concepts of Universities Today: Place of Languages and the Importance of a Language Policy

Teaching French in India: New Perspectives, New Frontiers	Indian Association of Teachers of French	University of Pune	28 th – 30 th Nov. 03	<i>Pas à Pas- Méthode de Français pour Goa (French)</i>
Anuradha Wagle				
Story Telling & Translation	Dept. of English, Goa University & Katha, New Delhi	Goa University	1 st Oct. 03	Translating Stories In the Classroom and Beyond.

Universities Today: Emerging Trends and Concepts	Institute of Indo- European Studies	Goa University	14 th & 15 th Nov. 03	Opportunities in Research and Training in Foreign Language
Teaching French in India: New Perspectives, New Frontiers	Indian Association of Teachers of French	University of Pune,	28 th – 30 th Nov. 03	La Traduction des Histories – une Experience Pedagogique (French)

ECONOMICS

S. M. Noronha				
Child Labour	Govt. College Khandola,	Khandola, Marcela	16 th & 17 th Apr. 04	Child Labour in Goa
Inaugural of the Economics Forum	Govt. College Khandola	Khandola, Marcela	9 th Aug. 03	Macroeconomic Impact of Economic Reforms in India
Anna Rovina Ferrao e Fernandes				
The Economy of Goa Since Liberation	Department of Economics	Goa University	27 th Feb. 04	Goa's Industrial Sector and its contribution to the Goan Economy

HISTORY

N. Shyam Bhat				
XI International Seminar on Indo- Portuguese History –	Centro de Historia Alem Mar, Lisboa,	Cidade de	21 st - 25 th	Trends in Goa's Trade & Commerce:

Silver Jubilee Session, on "Indo – Portuguese History: Global Trends."	and Research Institute For Women, Goa.	Goa	Sept. 03	1878-1961
64 th session of the Indian History Congress	Dept. of History, University of Mysore.	Mysore	28 th – 30 th Dec. 03	Trade in Goa and Commodity Composition (1878- 1961) –An Analysis
XIV Local History Seminar	Dept. of History, G.U. and Directorate of Archives and Archaeology, Govt. of Goa	Goa University	12 th & 13 th Mar. 04	Goan Agriculture in the Colonial Context: Late Nineteenth Century to Liberation

R. Venugopalan Nair

National Seminar on Indian Nationalism: Re-Examination of its Concept and Relevance in the Present Context.	Maulana Abul Kalam Azad Institute of Asian Studies, Kolkotta and Ministry of Tourism, Govt. of India.	Kolkata	11 th – 12 th Nov. 03	Regional Nationalism in Travancore.
'Folklore as Discourse' (Symposium)	Organised jointly by IGNCA, New Delhi, National Folklore Support Centre, Chennai, Dept. of Anthropology, Madras University and Central Institute of Indian Languages, Mysore, Ministry of Tourism, Govt. of India.	Chennai	2 nd – 4 th Feb. 04	"Jagar as Discourse".

Festschrift in Honour of Prof. A. H. Kalro, Director, Indian Institute of Management, Calicut	Centre for Excellence, Indian Institute of Management, Calicut	Calicut	10 th Mar. 04	"Integrating Content and Language: Providing Access to Knowledge for 'Marginalized Section' through Effective Communication Strategies"
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PHILOSOPHY

<i>A. V. Afonso</i>				
Enworlded Subjectivity and Three Worlds and Beyond	Indian Council of Philosophical Research	New Delhi	8 th – 10 th Mar. 04	Purusharthas and Three Worlds
S. D. Pai Vernekar				
Developments in science and the challenges and opportunities to religion		Goa International Centre, Dona Paula	11 th Jan. 04	
Koshy Tharakan				
International Seminar on Phenomenology of Human Condition	Center for Advanced Research in Phenomenology, USA, All India Society for Phenomenological Studies, and DVK Bangalore	Dharmaram Vidya Kshetram, Bangalore	23 rd – 25 th June 03	Phenomenology of Human Condition: Social Sciences Revisited.
National Seminar on Science of Consciousness, Wisdom, Spirituality and Culture.	Indian Institute of Advanced Study, Shimla and All India Society for Phenomenological Studies	Pondicherry University	10 th – 12 th Mar. 04.	"Phenomenological Critique of Cultural Relativism: Husserl and Mohanty."

POLITICAL SCIENCE

<i>Aureliano Fernandes</i>				
Panchayati Raj – 10 years after 73 rd , 74 th Amendment	Western India Panchayati Raj Forum, Ahmedabad	J. P. Naik Institute for Educ. Pune.	25 th -27 th Aug. 03	Lacunae in Goa Panchayati Raj Act.
Strategies for Training & Capacity Building for Women in Local Governance in South Asia"	Centre for Development Studies & Action, New Delhi, Friedrich Ebert Stiftung, New Delhi	Manesar, Haryana	20 th – 22 nd Nov. 03	Goa Training Assessment
52 nd Annual All India Conference of India Political	Ch. Charan Singh University, Meerut	Meerut	10 th –12 th Oct. 03	"Mapping Cabinet Instability- Nationalism discourse to Utilitarian "Bungee

Science Association.				Jumping "
Rahul Tripathi				
Relevance of area studies in era of globalization	Centre for Latin American studies Goa university	Goa	7 th & 8 th Oct. 03.	Area Studies Centres: The Challenges of Location

SOCIOLOGY

Alito Siqueira				
International Conference on Culture and Hegemony	Institute of Ethnologie of the Heidelberg University	Germany	7 th – 14 th Oct. 03	Culture and Hegemony: Politics of Culture in the Age of Globalisation
International Seminar on Asserting Religious Identities	Academy of Third World Studies at Jamia Millia Islamia	New Delhi	16 th –18 th Oct. 03	Asserting Religious Identities
Manish Kumar Thakur				
XXIX All India Sociological Conference	Maharana Pratap University of Agriculture and Technology	Udaipur	21 st –23 rd Dec. 03.	Towards an Ethnography of Rural Development Institutions: The Case of NIRD, Hyderabad
State, Civil Society and Citizenship: Revisiting the Relationship	PRIA, DELHI	Indo-American Centre for International Studies, Hyderabad	19 th –21 st Feb. 04	Dalit Politics and the Indian State: Changing Landscape, Emerging Agendas
V. Sujatha				
Workshop on Globalisation of Education	St. Xaviers College, Goa.	Goa	24 th Nov. 03	Globalisation & Soc. Science Education
International Workshop on 'Mirrored Views of Healing Systems of India	French Institute of Pondicherry	Pondicherry	19 th & 20 th Apr. 04	Indigenous Medicine in India and its modern avtār

CENTRE FOR LATIN AMERICAN STUDIES

V. Shivkumar				
Area Studies in the Era of Globalisation.	Centre for Latin American Studies, Goa University.	Goa	7 th & 8 th Oct. 03	The relevance of Area Studies in the 21 st century.
Aparajita Gangopadhyay				
Area Studies in the Era of Globalisation.	Centre for Latin American Studies, Goa University.	Goa	7 th & 8 th Oct. 03	Area Studies and the Challenge of Globalisation: Issues & Concerns.
Iraq War and the Future of World Order	V. K. Krishna Menon Study Centre for International Relations	Trivandrum	27 th & 28 th Jan. 04	Human Security and the New International System: Problems and Prospects.

CENTRE FOR WOMEN STUDIES

Shaila Desouza				
National Seminar on 'Changing Indian Society: Social Justice and People's Movements'	Department of Sociology Osmania University, Hyderabad	Hyderabad	27 th – 28 th Feb. 04	'Women's Non-Hierarchical Organising: A Case for a More Democratic Existence'

CHEMISTRY

V.S. Nadkarni				
Trombay Symposium on Radiation and Photochemistry	BRNS, DAE and ISRAPS	Trombay Mumbai	8 th – 12 th Jan. 04	New polymers for nuclear track detection
J. S. Rebello, P.V. Samant and J. B. Fernandes				
International Conference on Electroanalytical Chemistry		International Centre Goa		Manganese oxide electrodes for use in Fuel Cells for anodic oxidation of methanol p 500 - 504

P.V. Samant, J. B. Fernandes				
International Conference on Electroanalytical Chemistry		International Centre Goa		Electrocatalytic Activity of Pt – M/HY zeolite (M = Ru, Ni, Sn, Pd) p 505 – 512
S. B. Kakodkar and J. B. Fernandes				
National Workshop "Advances In Catalysis	IIT Madras	Chennai	6 th – 7 th Jan. 04	Ammonolysis of n-butyl alcohol over HZSM-5 zeolites of different Si/Al ratios
A. R. Gandhe & J. B. Fernandes,				
National Workshop "Advances In Catalysis	IIT Madras	Chennai	6 th & 7 th Jan. 04	Enhanced orthoselectivity for methylation of phenol over Fe doped TiO ₂ Catalysts
J. Rebello & J. B. Fernandes,				
National Workshop "Advances In Catalysis	IIT Madras	Chennai	6 th & 7 th Jan. 04	Oxidation of benzyl alcohol using Fe-doped manganese oxides.
S. S. Desai, A. R. Gandhe & J. B. Fernandes				
National Workshop "Advances In Catalysis	IIT Madras	Chennai	6 th & 7 th Jan. 04	Photocatalytic degradation of methylene blue on ZnO & ZnO/HZMS-5 catalysts
P. Sawant, A. R. Gandhe & J. B. Fernandes,				
National Workshop "Advances In Catalysis	IIT Madras	Chennai	6 th & 7 th Jan. 04	Esterification of acetic acid with isobutyl alcohol using solid acid catalysts,
A. Salgaonkar, A. R. Gandhe & J. B. Fernandes,				
National Workshop	IIT Madras	Chennai	6 th & 7 th	Adsorption of Ni ²⁺

"Advances In Catalysis			Jan. 04	on activated Carbons
S. P. Naik, S. B. Kakodkar & J. B. Fernandes				
Fourteenth National Symposium on Thermal Analysis	Department of Applied Physics, Faculty of Technology and Engineering, M.S. University	Baroda	20 th –22 nd Jan. 04	Temperature Programmed Desorption studies of a zinc oxide/ zeolite hybrid catalyst
R. Pednekar, H. Langbein & K.S. Rane				
Fourteenth National Symposium on Thermal Analysis	Department of Applied Physics, Faculty of Technology and Engineering, M.S. University	Baroda	20 th –22 nd Jan. 04	Synthesis of potassium doped copper ferrite
<i>Harsha Uskaikar & Jayant s. Budkuley</i>				
Fourteenth National Symposium on Thermal Analysis	Department of Applied Physics, Faculty of Technology and Engineering, M.S. University	Baroda	20 th –22 nd Jan. 04	Thermal Studies of CO ₃ O ₄ Spinel prepared by Novel Precursor Methods
International conference on electroanalytical chemistry and allied topics	Internatinal centre	Donapaula Goa	18 th – 23 rd Jan. 04	Electrochemical reduction of oxygen on Co ₃ O ₄ /C electrodes in alkaline media
National Workshop "ADVANCES IN CATALYSIS	IIT, Madras	Chennai	6 th & 7 th Jan. 04	Low temp. carbonate based synthesis of spinel fine particle Co ₃ O ₄ And its characterisation
<i>A. V. Salker</i>				
Fourteenth National Symposium on Thermal	Department of Applied Physics, Faculty of	Baroda	20 th –22 nd Jan. 04	Thermal Studies of Cobalt

Analysis	Technology and Engineering, M.S. University			Phthalocynines
B. R. Srinivasan, S. N. Dhuri, C. Näther & W. Bensch				
Fourteenth National Symposium on Thermal Analysis	Applied Physics Department Faculty of Technology and engineering, M.S. University	Baroda	20 th –22 nd Jan. 04	Thermal and Spectroscopic Investigations of Organic Diammonium salts of group VI tetrathiomallates
B. R. Srinivasan & S. C. Sawant				
Fourteenth National Symposium on Thermal Analysis	Applied Physics Department Faculty of Technology and engineering, M.S. University	Baroda	20 th –22 nd Jan. 04	Para-nitrobenzoate complexes of Alkaline Earth metals: Spectroscopic and Thermal Investigations
B. R. Srinivasan & A. R. Naik				
Sixth CRSI National Symposium	Department of Chemistry, IIT, Kanpur	Kanpur	6 th - 8 th Feb. 04	On the All Sulfur Analogue of Heptamolybdate
B. R. Srinivasan, S. N. Dhuri, C. Näther & W. Bensch				
Sixth CRSI National Symposium	Department of Chemistry, IIT, Kanpur	Kanpur	6 th - 8 th Feb. 04	Organic Amines as Structure Directing Agents for the Synthesis of Novel $[MS_4]^{2-}$ (M=Mo,W) complexes
B. R. Srinivasan, S. C. Sawant & J. V. Sawant				
Sixth CRSI National Symposium	Department of Chemistry, IIT, Kanpur	Kanpur	6 th - 8 th Feb. 04	H-Donor and H-Acceptor Bonds in Extended Network Solids
S. P. Kamat, A. M. D'Souza, S. K. Paknikar, V. Dev & P. S. Beauchamp				

II International Conference "Chemistry and Biological Activity of Oxygen- and Sulfur-Containing Heterocycles"	Scientific Partnership Charitable Foundation and Russian Academy of Sciences	Russian State Academy of Civil Service, Moscow, Russia.	14 th – 17 th Oct. 03	Biogenetic-type Synthesis of (+)-cymbodiactal, a constituent of Cymbopogon martini
S. P. Kamat & S. P. Torres				
91st Indian Science Congress	Indian Science Congress	Punjab University, Chandigarh	3 rd - 7 th Jan. 03	Demo and Display of Microscale Kits and Experiments in Chemistry.
S. P. Kamat, A. M. D'Souza & S. K. Paknikar				
National Seminar on "Recent Trends in Isolation, Characterizaion, Synthesis and Biological Studies of Organic Compounds"	Department of Chemistry, Gandhigram University, Dindigul, TamilNadu	Gandhigram University, Dindigul, TamilNadu	5 th & 6 th Mar. 04	A simple approach to half esters of malonic acid and their use in the synthesis of naturally occurring cinnamyl esterspotent sunscreen agents.
S. P. Kamat & S. P. Torres				
National Seminar on "Recent Trends in Isolation, Characterizaion, Synthesis and Biological Studies of Organic Compounds"	Department of Chemistry, Gandhigram University, Dindigul, Tamil Nadu	Gandhigram University, Dindigul, TamilNadu	5 th & 6 th Mar. 04	Facile Synthesis Of 6-Keto-9-Spirononanolides
S. P. Kamat, S. J. Parab and S. G. Kapdi				
National Seminar on "Recent Trends in Isolation, Characterizaion, Synthesis and Biological Studies of Organic Compounds"	Department of Chemistry, Gandhigram University, Dindigul, Tamil Nadu	Gandhigram University, Dindigul, TamilNadu	5 th & 6 th Mar. 04	Synthesis Of A Novel Chalcone Isolated From Garcinia Nervosa
S. P. Kamat, S. F. Jahagirdar & S. K. Paknikar				
National Seminar on "Recent Trends in Isolation, Characterizaion, Synthesis and Biological Studies of Organic Compounds"	Department of Chemistry, Gandhigram University, Dindigul, TamilNadu	Gandhigram University, Dindigul, TamilNadu	5 th & 6 th Mar. 04	Simple synthesis of two new cinnamic acid esters isolated from marine brown alga spatoglossum variable
S. P. Kamat, P. M. Rane & S. K. Paknikar				

National Seminar on "Recent Trends in Isolation, Characterization, Synthesis and Biological Studies of Organic Compounds"	Department of Chemistry, Gandhigram University, Dindigul, TamilNadu	Gandhigram University, Dindigul, TamilNadu	5 th & 6 th Mar. 04	Simple Synthesis of 4-Methylumbelliferyl Dihydroferulate
R. Mhalsikar & K. S. Rane				
Third National Symposium on Solid State Chemistry and Allied Sciences	Department of Chemistry, Indian Institute of Technology	New Delhi	4 th – 6 th Dec. 03	A novel precursor technique to prepare yellow coloured TiO ₂
V. P. Kamat				
National Conference on Emerging Trends in Chemical Sciences	P.G. Department of Chemistry, S. S. College	Amaravati	5 th – 7 th Feb. 04	One-pot synthesis of Innulavosia, a piscicide from Innula Muvosa

EARTH SCIENCE

K. Mahender				
Geospatial Democracy-Map India 2004 International Seminar	Centre for Spatial Database Management & Solutions	New Delhi	28 th - 30 th Jan. 04	GIS Curricula for Post-Graduate courses

MATHEMATICS

Jayanathan A. J.				
Topology, Category and their Application to Com. science	St. Josepe`s College	Irrinjalakuda	11 th –13 th Mar. 04	Lecture on Theorem of Likoriche on Links
Y. S. Prahalad				
Mathematics	India- American Math. Soc.	Bangalore	20 th Dec. 03	Ergodic Properties of Acoustic Operators

PHYSICS

K. R. Priolkar				
International Conference of Neutron Scattering	Bhabha Atomic Research Centre	Mumbai	2 nd – 4 th Jan. 04	Low temperature magnetic structures of MnSe and MnTe

BOTANY

D. J. Bhat				
Annual Conference of Mycological Society of India	University of Madras	Chennai	4 th – 6 th Feb. 04	What are foliicolous fungi actually?
<i>P. K. Sharma</i>				
Meeting on Plant Sciences	Pondichary University	Pondichary	7 th & 8 th Apr. 04	Role of xanthophylls & its relative contribution in protection against photodamage in rice
<i>B. F. Rodrigues</i>				
National Workshop on Present status and prospects of cultivation of Kokum (Garcinia indica Choisy)".	Kokum Foundation and ICAR	ICAR, Goa	20 th June 03	Status and Prospects of Garania Indica Plantations in Goa
National Workshop on Mycorrhizal Technology	Department of Botany, Mumbai University	Mumbai	12 th - 14 th Sept. 03	Diversity and role of arbuscular mycorrhizal (AM) fungi in reclamation of mine wastelands
<i>N. Kamat</i>				
Refresher Course in English	Academic Staff College, GU & Dept. of English	Goa University	July 03	Ecocriticism and ecoaesthetics
National seminar –The Book and Indian society	National Book Trust, New Delhi	Kala Akademy	8 th & 9 th Aug. 03	The role of books in cultural resurgence
125 th birth anniversary of Shenoy Goembab	Dept. Of Konkani	Goa University	10 th Oct. 03	Challenges before Konkani writers
Seminar on Science literature in Marathi	Dept. of Marathi	Goa University	15 th & 16 th Dec. 03	A review of global science literature
National conference on Issues and Challenges in Higher Education - India & Canada	Canadian Studies Programme, GU & Shastri Indo Canadian Institute	Goa University	16 th & 17 th Feb. 04	Curriculum reforms and development in environmental studies & ecoanthropology: How both countries could benefit in 21 st century

XIV th local history seminar, Agriculture and Industries in Goa from ancient to modern	Dept. of History & Dir. of Archives & Archaeology, Govt. of Goa	Goa University	12 th & 13 th Mar. 04	History of khazan & land management:- ecological, economic & political perspectives
Symposium on art & architecture of Goa	Dept. of History & Director of Archives & Archaeology, Govt. of Goa	Goa University	12 th & 13 th Mar. 04	Interpreting the labyrinth petroglyph of Usgalimol
State conference on road safety	Movement for amity Towards Roads (MARG)	Institute Menezes Braganza	3 rd Apr. 04	Towards a better road safety culture

MARINE SCIENCE

G. N. Nayak				
Sustainable resource management in mining, with special reference to coastal regions of karnataka and maharastra	Mining Engineers' Association of India (Belgaum Chapter)	Belgaum	23 rd Nov.03	Mining and its effect on coastal/ estuarine environments, central west coast of India
National symposium on application of Marine Geosciences	National Institute of Oceanography	Donapaula Goa	19 th & 20 th Feb. 04	Human activity as a factor of sediment yield & its effect on estuarine system, central west coast of India
H. B. Menon				
Meteorology & Oceanography programme & Second PMB	SAC, ISRO	SAC, Ahmedabad	25 th & 26 th May 04	Analysis of Ocean Colour components in the water of different optical domains & algorithm development in case II waters.
H. B. Menon, M. Mohan, S. R. Nayak and Krishnamurthy, K.				
Indian Aerosol Science and Technology Association	BARC, Mumbai	SPL. V.S.S.C	18 th - 20 th Sept. 02	Temporal variation in aerosol forcing on radiative transfer and it's effect on water leaving

				radiance
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MARINE BIOTECH

U. D. Muraleedharan				
International Workshop on Marine Pollution & Electotoxicology	NIO & International Water Association, U.K.	Goa	25 th & 26 th Feb. 04	An alternative to chlorine bleaching in paper and pulp industry using marine fungi
Savita Kerkar				
6 th International Marine Biotechnology Conference	IMBC International organizing committee, Japan, USA, Africa Norway	Chiba, Japan	21 st – 27 th Sept. 03	Hypersaline sulphate reducing bacteria from salt pans: Mixed response to mercury

MICROBIOLOGY

S. K. Dubey				
21 st Century Centre of Excellence – Seminar	CMES, Ehime University	Matsuyama, Japan	13 th Jan. 04	"Biological characterization of Pseudomonas aeruginosa and several other Pseudomonas strains isolated from west coast of India"
S. Nazareth				
Recent Trends in Biology Biodiversity and Biotechnology of Fungi	C.A.S. in Botany, University of Madras, Chennai	Madras, Chennai	5 th – 6 th Feb. 04	Fungal sorption of Iron from Mine Tailings

ZOOLOGY

Shanbhag A. B. & others				
Indian Science Congress Association	Punjab University	Chandigarh	3 rd – 7 th Jan. 04	The ecology of Batim lake (Goa, India) with special reference to the water fowl
Indian Science Congress Association	Punjab University	Chandigarh	3 rd – 7 th Jan. 04	The studies of avifauna of Acacia monoculture in Goa, India
Indian Science Congress Association	Punjab University	Chandigarh	3 rd – 7 th Jan. 04	Ecological features and bird life of Miramar Beach of Goa, India
I. K. Pai				

Notational Conference of Zoology	Vivekanand College	Kanyakumari	21 ^s - 23 rd Dec. 03	Effect of Etoposide an anti-, cancer drug on the glutathione reductase activity in Swiss albino mouse pp-38
Notational Conference of Zoology	Dr. BMA University	Aurangabad	9 th -11 th Feb. 04	Zooplankton assessment to predict fish production
Conference on issues & Challenges in Education	ASC, Goa University	Goa	16 th & 17 th Feb. 04	Students evaluation of teachers; are we ready?
S. K. Shyama				
Humbals Kolleg Symposium " Genetics & Human Health"	MAHE	Manipal	29 th - 31 st Oct. 03	Effect of paternal alcohol consumption in the offspring
XXIX Annual Conference ISHG	NIMHANS	Bangalore -	8 th -11 th Jan. 04	Genetic etiology of mental retardation in Goa.
International workshop on Marine Pollution & Ecotoxicology	NIO	Dona Paula Goa	25 th & 26 th Feb. 04	Genetic studies of Monocrotophos in an esturing bivalve Meretrix ovum

COMMERCE

B. Ramesh				
Emerging Trends in Financial Markets	Department of Business Administration, Montessori Mahila Kala Shala, Nagarjuna University	Vijaywada	6 th & 7 th Oct. 03	The Volatility of IPO Issues in primary Capital Markets in India"
Y. V. Reddy & Anthony Satish				
XXVI All India Accounting Conference and International Seminar on Accounting Education and Research	Faculty of Commerce and Management Studies Mahatma Gandhi Kashi Vidyapith	Varanasi	27 th & 28 th Dec. 03	Consensus Between Preparers and Users of Annual Report

Y.V. Reddy & Golak Nath				
International Conference on Business and Finance	ICFAI University and Philadelphia University, USA	Hyderabad	15 th – 16 th Dec. 03	Macro Economic Indicators and Stock Prices – Indian Evidence
Y. V. Reddy, G. V. Madiwal & M. R. Patil				
National Seminar on Reasserting Cooperative Sector	Department of Economics, Shivaji University	Kolhapur	25 th -26 th Mar. 04	Co-operative Sugar Sector: New avenues for Revenues
K. B. Subhash				
"Globalisation: A Decadal Indian Experience - A Multidimensional Convergence"	Institute of Technology	Kerala	16 th -17 th Feb. 04	Globalisation and Indian Venture Capital System



C: Research Publications in National/International Journals

Title of Research Publication/ Article in Original Language	Journal Reference	Volume	Month, Year & Pg. No.
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ENGLISH

K. S. Bhat			
Mapping Cultural Studies: Discourse, Ideology and History	Sod	6	Jan. 04 Pp. 78-94
<i>K. Budkuley</i>			
Annkārāntleo Ādkhalli (Konkani)	Konkani Utsav	Seminar proc. Decennial Souvenir	May 04, Pp. 65-6
Dentthāntlea Mhonvancho Māg Ghetnā (Konkani)	Atmeachem Sangeet, Goa,	n.a. (Article in Book)	03, Pp.9-13.

Patlāchi Londonvāri:Parighāchea Pagoteantil Pardeshi Shirpencha (Marathi)	Patlachi Londonvāri:Kahin Drishtikshepa. (ed.) Shailesh Tribhuvan. Pune: Suvidya Prakāshan,	n.a. (Article in Critical Anthology)	04, Pp.62-69
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KONKANI

Chandralekha D' Souza			
Upanyās ki nāe rachanāshiltā: Kalikathā vāyā bāypās (Hindi)	Goamanchal	n.a	Oct. Dec. 03 Pp. 4-10

HINDI

R. N. Mishra			
Antim Dashak ki Hindi Kavītāka Vaichārik Paridrishyā	Madhumati Rajasthan Sāhitya Academi	43-7	July 03 Pp. 41-46
Bhārat ki Sāmāsik – Sanskrit Aur Hindi mein Anudit Konkani Sāhitya	Bhāshā, Kendriya Hindi Nideshālayā, New Delhi	43-2	Nov – Dec. 03 Pp. 101-115
Ishrat Khan			
Kabir Aur Kabir Panth	(Bhaktikāl Ke Pramukh Kaviyon ka Punar-mulyānkan ed. O. P. Tripathi & Lata Shirodkar	Article in an edited book	2004 Pp. 56-62
'Hancosh' Natak ka Yathārthaparak Mulyānkan	Gomānchal	n.a	April to Sept. 03 Pp. 10-12
V. S. Mandrekar			
Tamas: Kathya ka Mulyānkan	Gomānchal	n.a	Sept. 03 Pp. 13-15

MARATHI

<i>S. D. Komarpant</i>			
R. B. Joshi Yānchee Prasanna Pravāschitre.	Vasant	Diwali Special issue	Oct. – Nov. 03 Pp. 134 - 141

<i>V. D. Sawant</i>			
Daryāchi Gāj ek Swarup Chikitsā	Aparāntak	1/3	Mar. 04 Pp. 39 - 45
<i>S. M. Tadkodkar</i>			
The Goan Research Scholars of Christian Marathi Literature (Marathi)	History of Goan Marathi Literature Gomantak Marathi Academy, Panaji - Goa	Vol. I	November, 03 Pp. 166 - 191
Construction of the Concept of Literary Genre (Marathi)	Parāmarsha, Pune (Quarterly)	Vol. 24 Issue IV	Feb- April, 04 Pp. 33 - 48
Critical Analysis of the Writings of Dr. G. B. Gramopadhye (Marathi)	Maharashtra Sahitya Patrika, Pune	No. 306	July – Sept. 03 Pp. 16 - 25

Literary Genre (Marathi)	Prashant Publication, Jalgaon	Commemorative Volume on Marathi literature of Jaywant Dalvi	Aug. 03 Pp. 19-54
<i>B. G. Kanolkar</i>			
<i>Katha</i> chapter on Goan Marathi Short-story (Marathi)	Gomantakiya Marathi Vāngmayāchā Itihās, Gomantak Marathi Academy, Panaji Goa	I	November 03 Pp. 345-404
Nine Research articles on Prof. Laxmanrao Sardesai (Konkani)	Jaag	29:11, 29:12, 30:1, 30:2, 30:3, 30:4, 30:5,	June 03 Pp. 9-11 July 03 Pp. 12-14 Aug. 03 Pp.10-13 Sept. 03 Pp. 07 Nov. 03 Pp. 12-16 Jan. 04 Pp. 17-19 Feb. Mar. Pp. 17-19 April-May 04

		30:6 Diwali Special issue	Pp. 24-26 Oct. 2003 Pp. 12-19
<i>Laxmanrāvānchyā Kathetil Navakathechi Prasādchinhye</i> (Marathi)	Rajatarasāche Chāndanne	Special issue	Jan. 04 Pp. 34-38
<i>Laxmanrao Sardesai yānche sukhad kathāvishwa</i> (Marathi)	Maitra	Special issue	Feb. 04 Pp. 1-3
<i>Prof. Laxmanrao Sardesāyānchyā Kathetil Prādeshtāy part I</i> (Konkani)	Aparantak	1:1	Jan. 04 Pp. 5-12
<i>Prof. Laxmanrao Sardesāyānchyā kathetil Prādeshtāy part II</i> (Konkani)	Aparantak	1:3 Special issue	Mar. 04 Pp. 52-63
Nasānasātoon: Ek Rupvedha (Marathi)	Aparantak	1:2	Feb. 04 Pp. 7-13
Gomantakiya Lokasāhityāchā Bhoogol (Marathi)	Aparantak Goun Kani	1:5 Special issue	May 04 Pp. 5-8 May 04 Pp. 49-52

ECONOMICS

<i>P.K. Sudarsan</i>			
Economic Reforms in China: What Lessons for India?	Artha, Journal of Social Sciences	2	Mar.-Aug 03 Pp. 20 – 31

HISTORY

Nagendra Rao			
Significance and role of Brahmana Settlements of South Western India in the early Medieval and Medieval Period	Research Bulletin Vishveshvaran-and Vedic Research Institute	Vol. II	Dec. 03 Pp. 237-244
<u>BOOK REVIEW</u> : Shankar Raman, Framing 'India': The Colonial Imaginary in Early Modern Culture	Seventeenth Century News	Vol. 61,	Fall-Winter 2003 Pp. 292-295

		Nos. 3 & 4,	
R. Champakalakshmi, Kesavan Veluthat and T. R. Venugopalan (eds.), State and Society in Pre-modern South India	Artha Journal of Social Sciences	Vol. 2, No. 1,	Mar. – Aug. 03 Pp. 129-131

<i>R. Venugopalan Nair</i>			
Globalsiation, Development, Leadership and Change: Principal the New Age Leader	Perspectives in Education	Vol. 19	Oct. 03, Pp. 207-212
Conversations: Folklore and Development	Indian Folk life	Vol. 3, Issue 2, Serial No. 15, (Symposium)	Mar. 04 Pp. 15-17

PHILOSOPHY

<i>S. D. Pai Vernekar</i>			
The Central Truth of Hinduism	Journal of Dharma	Vol. XXIV, No.1.	Jan. – Mar. 04 Pp. 65-72
<i>Koshy Tharakan</i>			
Understanding Religion: Role of Faith and Reason	The Diocesan Gateway	Vol. IX, No.4	Sept. 03 Pp 13 -14
Paradox of Method: Suresh Chandra on Social Scientific Research.	The Philosophy of Suresh Chandra, (ed.) R C Pradhan	Indian Council of Philosophical Research, New Delhi	May 04 Pp. 270- 282

POLITICAL SCIENCE

<i>Aureliano Fernandes</i>			
Aggrandiser Govt. and Local Governance	Economic and Political Weekly, Mumbai	Vol. 28. No. 27	5 July 03 Pp. 2873-2879
Goa's democratic becoming and the absence of mass political violence	Lustopic Editions Karthala, Paris.		Sommaire, 03 Pp 331-349
<i>Rahul Tripathi</i>			
India-Japan Relations: An Agenda for Convergence	Studies in International Relations	Vol. 24 N0.3	Dec. 03

SOCIOLOGY

<i>M. K. Thakur</i>			
Discourse on Rural Development: A Sociological Appraisal	Journal of Rural Development	Vol. 22, No.3.	July - Sept. 03 Pp. 311-32.
Ambedkar and the Indian Village	Radical Humanist	Vol. 67, No. 1.	Jan. 04 Pp. 28-31
Collective Violence, State and Community: Notes on the Making of Communal Riots in India	IASSI Quarterly	Vol. 22, No. 1	July - Sept. 03 Pp. 112-123.

CENTRE FOR LATIN AMERICAN STUDIES

Aparajita Gangopadhyay			
Regional Issues in Brazil's Foreign Policy.	India Quarterly: A Journal of International Affairs	LIX	Jan.-June 03 Pp. 41-58.
The Peruvian Labyrinth and the Return of the Shining Path	India Quarterly: A Journal of International Affairs	LIX	July-Dec. 03 Pp.216-238.
"MERCOSUR: Global Challenges"	In Anindyo J. Majumdar and Shibashis Chatterjee, eds., Understanding Global Politics: Issues and Trends	Lancer's Books, New Delhi	2004 Pp. 193-217

CHEMISTRY

S. P. Kamat, A. M. D'Souza & S. K. Paknikar

Sodium metaperiodate oxidation of isocarvacrol	Journal of Chemical Res. (S),		July 03 Pp. 395-397
Synthesis of Olivacene, a constituent of Archilejeunea olivacea	Indian. Journal of Chemistry	42B	Oct. 03, Pp. 2662-2664
<i>A. M. D'Souza, S. K. Paknikar, V. Dev, P. S. Beauchamp & S. P. Kamat</i>			
Biogenetic-Type Synthesis of (+)-Cymbodiacetal, a Constituent of Cymbopogon martinii	Journal of Natural Products	67	2004, Pp. 700-702
<i>B. R. Srinivasan & S. C. Sawant</i>			
Thermal and Spectroscopic characterization of Mg (II) complexes of nitro substituted benzoic acids	Thermochimica Acta	402	June 03 Pp.45-56
<i>B. R. Srinivasan, C. Näther & W. Bensch</i>			
Piperazinium Chromate (VI)	Acta Crystallographica	E59	Aug. 03 m639-m641

<i>B. R. Srinivasan S. N. Dhuri, C. Näther, W. Bensch</i>			
1,4-dimethylpiperazinium tetrathiotungstate	Acta Crystallographica	E59	Aug. 03 m681-m683
<i>B. R. Srinivasan S. N. Dhuri, C. Näther, W. Bensch</i>			
Synthesis, spectroscopic and X-ray structure characterization of ethylenediammonium salts of chromate and dichromate	Indian Journal of Chemistry	42A	Nov. 03 Pp. 2735-2741
<i>B. R. Srinivasan, S. N. Dhuri, & A. R. Naik</i>			
The correct formulation of the sulfur transfer reagent benzyltriethylammonium tetracosaeptathiomolybdate	Tetrahedron Letters	45	Mar. 04 Pp. 2247-2249
<i>B. R. Srinivasan, S. C. Sawant & S. K. Das</i>			
More insight into the crystal structure of $[\text{Co}(\text{H}_2\text{O})_4(4\text{-nba})_2] \cdot 2\text{H}_2\text{O}$ (4-nba= <i>para</i> -nitrobenzoate): An unprecedented hydrogen bonded supramolecular network	Indian Journal of Chemistry	43A	May 04 Pp. 1066-1075
<i>Purnakala Samant & J. B. Fernandes</i>			
Enhanced Activity of Pt (HY) and Pt-Ru (HY) zeolite catalysts for of methanol in Fuel Cells,	Journal of Power Sources (Elsevier)	125	2004 Pp. 172 – 177
Aditi R. Gandhe & Julio B. Fernandes			
A highly ortho-selective TiO ₂ catalyst for methylation of phenol	Catalysis Communications (Elsevier)	5	2004 Pp. 89 – 94
<i>Jeanette S. Rebello , S. P. Naik & J. B. Fernandes</i>			
Catalytic Oxidation of benzyl alcohol over Al ³⁺ doped OMS-2 using O ₂	Indian Journal of Chemistry	43A	2004 Pp.1676 –1679
A.V. Salkar & Teotone Vaz			
Electrical, magnetic and catalytic oxidation studies on LaMn _{1-x} Co _x O ₃ system	Indian Journal of Chemistry	43A	Apr. 2004 Pp. 710 –714

EARTH SCIENCE

<i>A. G. Dessai</i>			
Granulite xenoliths from the western Dharwad craton: Constraints on the composition of the lower continental Crust	Mem-GSI	53	2003 Pp.215-231

PHYSICS

A. K. Shukla, R. K. Raman, N. A. Choudhary, K. R. Priolkar, P. R. Sarode, S. Emura & R. Kumashiro			
Carbon-Supported Pt – Fe Alloy as a Methanol – Resistant Oxygen – Reduction Catalyst for Direct Methanol Fuel Cells	electromagnetic chemistry journal	563	2004 Pp. 181-189
A. Gayen, K. R. Priolkar, P. R. Sarode, V. Jayaram, M. S. Hegde, G. N. Subanna & S. Emura			
Ce _{1-x} Rh _x O ₂ - Solid Solution Formation in Combustion Synthesized Rh/CeO ₂ Catalyst Studied by XRD, TEM, XPS & EXAFS	Chemistry of Materials	16	2004 Pp. 1132-1141
<i>Ramesh V. Pai & Rahul Pandit</i>			
The one-dimensional entended Bose-Hubbard Model	Proc. Indian Acad Sci. (Chem. Sci.)	115	Oct. - Dec 03 Pg. 721-726
J. B. C. Efrem D'Sa, P. A. Bhohe, K. R. Priolkar, A. Das, P. S. R. Krishna, P. R. Sarode and R. B. Prabhu			
Low Temperature Magnetic Structure of MnSe	Pramana	63	2004 Pp. 227-232
<i>R. K. Kamat & G. M. Naik</i>			
Low-voltage ASIC for digital clinical thermometer	Smart Material, Structures and System	5062	Oct. 03 Pp. 413-416,

BOTANY

Keshava Prasad T. S. & D. J. Bhat			
New records of <i>Aschersonia</i> from Western Ghat forests, S. India	Indian J. Mycol. and Pl. Pathology	Vol 37:	Mar. 04
<i>M. A. Fonseca & M. K. Janarthanam</i>			
A new species of <i>Glyphochloa</i> W.D. Clayton from Goa, India	Rheedea	Vol. 13:	2003 Pp. 35-38
<i>P. K. Sharma</i>			
Response of plants to ultraviolet-B radiation: Impact on photosynthesis & productivity	Plant Biology	Vol. 30	Dec. 03 Pp. 271-283
<i>Vaishali C. Joshi & M. K. Janarthanam</i>			
The diversity of life form type, habitat preference and phenology of the endemics in the Goa region of the Western Ghats, India.	Journal Biogeography	Vol. 31	2004 Pp. 1227-1237
<i>Vijaya U. Kerkar</i>			
Deep water calcareous algae from submerged banks of India	Seaweed	Research Utilization Vol. 25 (1 & 2)	2003 Pp. 21-25
Addition to the marine algae flora of Goa	Seaweed	Research Utilization Vol. 26 (1 & 2)	2004 Pp. 19-21
<i>Tejaswini Gaunker & Vijaya U. Kerkar</i>			
Studies on Algal Diversity in Temple Ponds from North Goa	Indian Hydrobiology	7(1 &2)	2004 Pp. 67 -71
<i>Chandan Shetiya & Vijaya U. Kerkar</i>			
Alga Flora of Rice Fields from Tiswadi Taluka, Goa	Indian Hydrobiology	7(1 &2)	2004 Pp. 73 -76

<i>S. Krishnan & P. Dayanandan</i>			
Structural and Histochemical studies on grain-filling in the caryopsis of rice (<i>Oryza sativa</i> L.)	Journal of Biosciences	28 No.4	June 03 Pp. 455-469
N. Kamat			
Launching Mushroom Biotechnology in Goa	Goa-Arena	II, No.2	Aug. - Sept. 03 Pp. 20-28
M. J. Bukhari, S. W. Khade, Jaiswal V. Gaonkar U. C. & B. F. Rodrigues			
Arbuscular mycorrhizal (AM) status of tropical medicinal plants: A field survey of arbuscular mycorrhizal fungal association in herbs Pl	Ant Archives	3(2):	2003 Pp. 167-174
<i>S. W. Khade & B. F. Rodrigues</i>			
Incidence of arbuscular mycorrhizal colonization in tubers of <i>Gloriosa superba</i> L. Mycorrhiza News	Mycorrhiza News	15(3):	2003 Pp. 14-16
Populations of arbuscular mycorrhizal fungi associated with rhizosphere of banana (<i>Musa</i> sp.) as influenced by seasons.	Mycorrhiza News	16(1):	2004 Pp. 11 – 13

MARINE SCIENCE

S. Upadhyay, P. S. Liss & T. D. Jickells			
Sorption Model for Dissolved Aluminium in Freshwaters	Aquatic Geochemistry	8	2002 Pp. 255-275
Joanita Coelho, C. U. Rivonkar, N. S. Bhavesh M. Jyothi & U. M. X. Sangodkar			
Biosurfactants production by the quinoline degrading marine bacterium <i>pseudomonas</i> sp strain GU 104 and its effect on the metabolism of green mussel <i>perna viridis</i>	Indian Journal of Marine Sciences	32(3)	Sept. 03 Pp. 202 – 207
<i>Shantanu Kulkarni, C. U. Rivonkar & U. M. X. Sangodkar</i>			
Role of meio benthic assemblages in debitus based food chain from, estuarine environment of Goa.	Indian Journal of Fisheries	50(4)	Oct – Dec. 03 Pp. 465-471

MARINE BIOTECH

<i>U. M. X. Sangodkar, Joanita Coelho Aguiar, C.U. Rivonker & N. S. Bhavesh</i>			
Surfactant Production by Quinoline degrading marine bacterium <i>Pseudomonas</i> sp. strain GU 104	Indian Journal of Marine Sciences	32(3)	Sept. 03 Pp. 202-207
<i>Shantanu Kulkarni, C. U. Rivonker & U. M. X. Sangodkar</i>			
Meiobenthic assemblages in detritus based food chain from estuarine environment of Goa	Indian Journal of Fisheries	50 (4)	Oct. - Dec. 03 Pp.465-481
<i>U. D. Muraleedharan</i>			
Biogeochemistry of the Bay of Bengal: Physical, chemical & primary productivity characteristics of the Central and Western Bay of Bengal during summer monsoon 01	Deep-Sea Research II	50	2003 Pp. 881-896

MICROBIOLOGY

<i>S. Bhosle</i>			
Industrial Potential of organic solvent tolerant bacteria	Biotechnology Progress	Web release	Mar. 04
<i>S. Nazareth</i>			
Production and characterization of lignocellulases of <i>Panus tigrinus</i> and their application	International Biodeterioration Biodegradation	52	2003 Pp. 207-214

ZOOLOGY

<i>I. K. Pai</i>			
Assessment of geno- toxicity of Flutamide an anticancer drug using sperm head morphology assay and micronucleus test in Swiss albino mice	Proc.Zool.Soc.India	2(1)	2003 Pp. 1-6

MANAGEMENT

<i>Nandkumar Mekoth</i>			
“Market Orientation: The Concept and its Development”	'Ushus Journal of Business Management	Vol.2, No.2,	July - Dec. 03

COMMERCE

Y. V. Reddy & S. B. Patkar			
Cash Management: A comparative Study of SBI and Canbank Factors	Indian Journal of Accounting	XXXIII	June 03 Pp. 72-75
Y. V. Reddy & Golak Nath			
Value at Risk: Issues and implementation in Forex Market in India	ICFAI Journal of Applied Finance	9	Nov. 03 Pp. 5-22
Y. V. Reddy & Golak Nath			
Macroeconomic Indicators and Stock Prices-Indian Evidence	ICFAI Journal of Applied Finance	10	Apr. 04 Pp. 29-45
Y. V. Reddy & S. B. Patkar			
Working Capital and Liquidity Management Factoring: A Comparative Study of SBI and Canbak factors	The Management Accountant	39	May 04 Pp. 373-378
K. B. Subhash			
Venture Capital: Success Factor for Business Ideas/	Artha Journal of Social Science	Vol. 2 No. 1	Mar.- Aug. 03 Pp. 1-19



D: Books / Monographs published

Title of the Book/ Monograph	Publisher	Month & year of Publications
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English

K. Budkuley		
Shenoi Goembab: His Life and Works	Asmitai Pratishthan, Goa	03
Nina Caldeira		
Multiculturalism and the Marginalized Psyche: Study of Canadian Texts	Creative Publishers, New Delhi	Feb. 04

2: Ph. D. Awardees for the year 2003-2004

Sr. No.	Name of the Candidate	Subject	Guide
1.	Eufermiano De Jesus Miranda	Portuguese	Ivo Mascarenhas
2.	Maria Suzette Francisca Fernandes.	French	K. J. Mahale
3.	Edward D'Lima	English	A. K. Joshi
4.	Kiran Pandey	Hindi	Ishrat B. Khan
5.	Lata Shirodkar	Hindi	R. N. Mishra
6.	Harmila Prakash	Hindi	B. K. Sharma
7.	Vrushali Mandrekar	Hindi	B. K. Sharma

8.	Pandurang R. Phaldesai	History	Pratima Kamat
9.	Seema S. Rishbud	History	Pratima Kamat
10.	Sharon Jacqueline D'Cruz	History	Shyam N. Bhat
11.	Murella Maria Leonildes Da Costa	History	Shyam N. Bhat
12.	Elvis N. B. Gonsalves	Education	G. C. Pradhan
13.	Narayan B. Desai	Political Science	Peter R. Desouza
14.	Teotone Vaz	Chemistry	A. V. Salkar
15.	Jyoti B. Shet	Chemistry	G. S. Tilve
16.	A. K. Shukla	Physics	P. C. Pandey
17.	Nazima Bi Shaikh	Botany	A. G. Untawale
18.	Uday C. Gaunkar	Botany	B. F. Rodrigues
19.	Mehtab Jahan Bukhari	Botany	B. F. Rodrigues
20.	Sharda W. Khade	Botany	B. F. Rodrigues
21.	Keshav Prasad T.A.	Botany	D. J. Bhat
22.	Maria A. A. R. Fonseca	Botany	M. K. Janarthanam
23.	A. S. Pradeep Ram	Marine Science	M. Dileep Kumar
24.	Damodar M. Shenoy	Marine Science	M. Dileep Kumar
25.	J. Ravindran	Marine Science	Raghukumar
26.	Lidita D. S. Khandeparkar	Marine Science	S. Raghukumar
27.	Smita Mitbavkar	Marine Science	A. C. Anil

28.	Raghurama Bhat K.	Zoology	S. K. Shyama
29.	Trivikram M. Deshpande	Zoology	S. K. Shyama
30.	Yogita N. Sardessai	Microbiology	Saroj Bhosle
31.	Braganca Judith Maria	Microbiology	Irene Furtado
32.	Sunita Borkar	Microbiology	Saroj Bhosle
33.	Anthony Rodrigues	Commerce	B. Ramesh
34.	Anthony Satish Benadict	Commerce	Y. V. Reddy



PART 4: GENERAL ADMINISTRATION

4.1 General Information: The University could not take much construction activity during the year because of financial crunch. However University could add to its Assets one building for Computer Science Laboratory being executed under the MPLAD scheme. The Phase-II of the building has now been completed. Additional office space has also been created for Examination building by effecting some modification. A major project sponsored by UGC is likely to shape during the 2004-2005 in the form of Hostel for International Students.

4.2 Computerisation of University Administrative Functions:
Computerisation, Networking and Internet Services.

The University has set up DAMA VSAT Internet connectivity on the campus in Feb. 04, sponsored by UGC under UGC-Infonet programme. With this the existing bandwidth of 64 kbps got upgraded to 512 kbps. The Internet facility is extended to all the departments and administrative sections through the campus network. The Internet Centre, sponsored by UGC, is also there on the campus for students, teachers & staff to browse Internet for their academic purpose. The University has designed and set up its own website “goauniversity.org” where all information about the University is made available. The entire Campus Network, Internet facility as well as University website are looked after and maintained by the Computer Centre. Computer Centre, the central computing facility, has extended its services to students, teachers, research scholars and administrative sections in their computer related activities. The Computer Centre has processed the Examination results of T.Y.B.A., B.Sc., B.Com., B.C.A., LL.B degree, LL.B (Hons) and B.E. for the year Oct. 03 and Apr. 04. The University degree certificates for the Convocation, held in Mar. 04, were printed in the Computer Centre.

4.3 Conduct of Examination: The University has conducted Examinations in 20 Bachelor’s Degree Programmes 48 Master Degree programmes and 11 Post Graduate Diploma Programmes during the year 2003-2004. Altogether 5886 students appeared for these Examination and 5132 passed in the said Examinations.

The University awarded 34 Ph. D. Degree in different subjects during the academic year 2003-2004.

4.4 Library: Goa University Library and Information Resource Centre of Goa University is in the 17th year. A library conceived in the year 1965 as a part of Post Graduate Centre of Bombay University then called CPIR with its modest collection grown into a well-

developed Goa University Library of today over the years. Presently its collection holdings have reached to a total of 104815 with the addition of 5447 books for the year 2003-2004. The library has been designated as an U. N. Depository Center and it is receiving documents and United Nation's Publications since 1996. The Goa University library subscribes to 152 Foreign Journals and 197 Indian journals apart from the journals received on gratis. The other activities of the library are as follows:

DIGITAL INFORMATION SERVICES

The library also offers access to general reference materials like the Encyclopedia Britannica and the Encyclopedia of Science and Technology, The World Book Encyclopedia, The Oxford English Dictionary and the Manorama Yearbook. The library also holds in its digital collections 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

INTRANET link : <http://192.168.101.30:9095/gulibrary/index.htm>

INTERNET link : <http://202.141.98.227/gulibrary/index.htm>

This page explores to all the resources of the library. All the relevant information and the services are detailed in this page. This site will answer most of the questions of the users.

TRAINING PROGRAMMES HELD:

- UGC sponsored Refresher course in Library and Information Science on
Library Automation for College Librarians and faculty members (2004)
- INFLIBNET sponsored workshop of "Access to Chemical Abstracts through
STN" (March 2004)

VISITS BY DIGNATARIES TO LIBRARY

1. His Excellency Shri Kedar Nath Sahani, Governor of Goa – 14th Oct. 03
2. Saira Basin, Quaid-e-Azam University, Islamabad - 22nd Oct. 03
3. Ijaz Khan, University of Peshawar - 22nd Dec. 03
4. Noman Saltn, Quaid-e-Azam University, Islamabad - 22nd Oct. 03
5. Varun Sahni, Jawaharlal Nehru University, New Delhi – 22nd Oct. 03
6. Dayanand Dongaonkar, Secretary General, Association of Indian Universities, New Delhi – 15th Dec. 03
7. Swati Kumar, Dubai, UAE – 21st Dec. 03
8. Servio Mascarenhas, Fundacao Orinete, Fontainhas, Goa – 30th Dec. 03
9. D. S. Venkadesan, Librarian, JRD Tata Memorial Library, IISc, Bangalore – 13th Mar. 04.

DELNET SERVICES

Developing Libraries Network has been offering inter-library loan services to the subscribed 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.

4.5 Students Sports Activities: Results of inter-collegiate tournaments for men and women

organised during the Academic year 2003-2004 by Goa University.

Events	Winners	Runners-Up
Badminton for men	Goa College of Engineering, Farmagudi	MES College of Arts & Science, Zuarinagar
Badminton for women	Shree Damodar College of Commerce & Economics, Margao	St. Xavier's College, Mapusa
Table Tennis for men	St. Xavier's College, Mapusa	V. M. Salgaoncar College of Law, Miramar
Table Tennis for women	Post Graduate Students of Goa University	Shree Damodar College of Commerce & Economics, Margao
Judo for men	Govt. College of Arts, Science & Commerce, Quepem	Saraswat's College of Commerce & Management Studies, Mapusa
Judo for women	Govt. College of Arts, Science & Commerce, Khandola	Govt. College of Arts, Science & Commerce, Quepem
Chess	Goa College of Engineering, Farmagudi	Padre Concessao College of Engineering, Verna
Cross-Country for men	Naval Academy, Verem	Fr. Agnel College of Arts & Commerce, Pilar
Cross-Country for women	Govt. College of Arts, Science & Commerce, Quepem	Shree Mallikarjun College of Arts & Commerce, Canacona
Weight lifting for men	Saraswat's College of Commerce & Management studies, Mapusa	D M's College of Arts, Science & Commerce, Assagao

Power lifting for men	DCT Dhempe College of Arts & Science, Miramar	V. M. Salgaoncar College of Law, Miramar
Body Building for men	Shree Damodar College of Commerce & Economics, Margao	S. S. Dempo College of Commerce & Economics, Panaji
Swimming for men	Naval Academy, Verem	Goa College of Engineering, Farmagudi
Football for men	Rosary College of Commerce & Arts, Navelim	Shree Damodar College of Commerce & Economics, Margao
Football for women	Carmel College of Arts, Science & Commerce for women, Nuvem	St. Xavier's College, Mapusa
Cycling for men	Smt. P. Chowgule College of Arts & Science, Margao	Fr. Agnel College of Arts & Commerce, Pilar
Basketball for men	S. S. Dempo College of Commerce & Economics, Panaji	MES College of Arts & Science, Zuarinagar
Basketball for women	St. Xavier's College, Mapusa	Carmel College of Arts, Science & Commerce for women, Nuvem
Kabaddi for men	C. E. S. College of Arts & Commerce, Cuncolim	Shree Mallikarjun College of Arts & Commerce, Canacona
Kabaddi for women	Govt. College of Arts, Science & Commerce, Khandola	Shree Mallikarjun College of Arts & Commerce, Canacona
Tennikoit for women	Shree Mallikarjun College of Arts & Commerce, Canacona	Carmel College of Arts, Science & Commerce for women, Nuvem
Handball for men	St. Xavier's College, Mapusa	Rosary College of Commerce & Arts, Navelim
Handball for women	Carmel College of Arts, Science & Commerce for women, Nuvem	St. Xavier's College, Mapusa
Tennis for men	Goa Medical College, Bambolim	Shree Damodar College of Commerce & Economics, Margao
Kho Kho for men	C. E. S. College of Arts & Commerce, Cuncolim	Govt. College of Arts & Commerce, Pernem
Kho Kho for women	Shree Mallikarjun College of Arts & Commerce, Canacona	Govt. College of Arts, Science & Commerce, Quepem
Hockey for men	St. Xavier's College, Mapusa	Fr. Agnel College of Arts &

		Commerce, Pilar
Hockey for women	St. Xavier's College, Mapusa	DM's College of Arts, Science & Commerce, Assagao
Volleyball for men	G. R. Kare College of Law, Margao	Fr. Agnel College of Arts & Commerce, Pilar
Volleyball for women	Carmel College of Arts, Science & Commerce for women, Nuvem	Shree Damodar College of Commerce & Economics, Margao
Cricket for men	GVM College of Commerce & Economics, Ponda	Goa College of Engineering, Farmagudi
Cricket for women	St. Xavier's College, Mapusa	Smt. P. Chowgule College of Arts & Science, Margao
Athletics for men	Smt. P. Chowgule College of Arts & Science, Margao	Saraswat's College of Commerce & Management studies, Mapusa
Athletics for women	St. Xavier's College, Mapusa	Shree Mallikarjun College of Arts & Commerce, Canacona

Individual Events

Events	Positions & Name of Player	Name of The College
JUDO FOR MEN	Vishant Alekar	Saraswat College
56 KGs. group	Mukesh Karapurkar	St. Xavier's College
	Lokesh Bandenkar	Don Bosco College
60 KGs. group	Mandeep Singh	PES College
	Siddesh Rao	Saraswat College
	Sunil Bugde	Govt. College, Sanquelim
66 KGs. group	Deepak Kharde	S S Dempo College
	Sagar Naik	PES College
	Suraj Kavlekar	Govt. College, Khandola
73 KGs. group	Sanju Borkar	Govt. College, Quepem
	Ganaraj Sawant	Govt. College, Sanquelim

	Nilesh Morajker	Govt. College, Quepem
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81 KGs. Group	Tushar Karmalkar	G R Kare College
	Julian D'Souza	Saraswat College
	Constancio Fernandes	Govt. College, Quepem
90 KGs. group	Gajanan Naik	Govt. College, Quepem
	Dylon Fernandes	Govt. College, Khandola
	Pradeep Teli	Govt. College, Quepem
Judo for Women		
44 KGs. group	Melissa D'Souza	St. Xavier's College
	Vanita Naik	Govt. College, Sanquelim
	Pinky Naik	Govt. College, Khandola
48 KGs. group	Steffi Noronha	Rosary College
	Rakhee Phadte	Govt. College, Khandola
	Navaji Argatti	Govt. College, Sanquelim
52 KGs. group	Succorina Fernandes	Chowgule College
	Chandraprabha Patil	Rosary College
	Samiksha Naik	Govt. College, Khandola
57 KGs. group	Surekha Sonar	GVM College
	Gretta Mattos	Govt. College, Khandola
	Ahilya Vernekar	Saraswat College
63 KGs. Group	Angelique Almeida	Rosary College
	Rashmi Dhekne	PES College
	Tanuja Gawade	Govt. College, Sanquelim
70 KGs. group	Vency Coutinho	Govt. College, Quepem

	Jonira Fernandes Vaibhavi Kalangutkar	PG Govt. College, Sanquelim
Open Weight	Tilottama Madkaikar Daya John D A Manjari	Govt. College, Khandola Govt. College, Khandola Govt. College, Quepem
Cross Country for Men	DCA J Indalkar SCC C K Kothari Clemex Pereira	Naval Academy Naval Academy Rosary College
Cross Country for Women	Meena Vaz Josephine Fernandes Meghan Gaonkar	Govt. College, Quepem Govt. College, Quepem Shree Mallikarjun College
Weight Lifting		
56 KGs. group	Prashant Kanekar Abhay Gaonkar Mukesh Navelkar	St. Xavier's College Saraswat College VM Salgaoncar College
62 KGs. group	IMegh Dayekar Dattatray Bondre Santosh Naik	Govt. College, Quepem Bandekar College Saraswat College
69 KGs. group	Pravrut Chodankar Balesh Dessai Pritesh Sangodkar	Saraswat College Govt. College, Quepem Bandekar College
77 KGs. group	Waman Gaitonde Harishchandra Salgaonkar Shaikh Nazir	VM Salgaoncar College MES College S S Dempo College
85 KGs. group	Ravikiran Salgaonkar Ranadeep Dhar Melroy Antao	Bandekar College Dhempe College VM Salgaoncar College

94 KGs. group	Sanket Haldankar Rodney Gomes Gajanan Naik	Saraswat College Shree Damodar College Govt. College, Quepem
105 KGs. group	Razashad Sheikh Pankaj Rai Vincent Fernandes	Chowgule College Saraswat College Bandekar College
Above 105 KGs. group	Sherwin Pinto Punjabi Mohd. Naved Derrick D'Souza	Dhempe College Saraswat College Saraswat College
Goa University Iron Man	Prashant Kanekar	St. Xavier's College

Power Lifting

52 KGs. group	Kishore Gauns Sakharam Bali Maurin Menezes	Fr. Agnel College Saraswat College Dhempe College
56 KGs. group	Mukesh Navelkar Prashant Kanekar Sagun Naik	VM Salgaoncar College St. Xavier's College Shree Damodar College
60 KGs. group	Stephen Gomes Pravesh Bhomkar Mahesh Parsekar	Chowgule College MES College CES College
67.5 KGs. Group	Arald Fernandes Sunil Gudlar Pravrut Chodankar	Bandekar College S S Dempo College Saraswat College

75 KGs. group	Waman Gaitonde Harishchandra Salgaonkar Shaikh Nazir	VM Salgaoncar College MES College S S Dempo College
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82.5 KGs. group	Krishna Naik Vincy Fernandes Nolan Cabral	Bandekar College St. Xavier's College Dhempe College
90 KGs. group	Ranadeep Dhar Melroy Antao Sanket Haldankar	Dhempe College VM Salgaoncar College Saraswat College
100 KGs. group	Razashad Shaikh Vincent Mascarenhas Vikramaditya D'Lima	Chowgule College Bandekar College St. Xavier's College
110 KGs. group	Akhil Rizvi Ranjeet Sardesai Punjabi Mohd. Naved	PCCE Dhempe College Saraswat College
Above 110 KGs. group	Sherwin Pinto	Dhempe College
Goa University Strongest Man	Stephen Gomes	Chowgule College
Body Building		
60 KGs. group	Shish Kamat Edwin Mendes Sandesh Gosavi	Goa Medical College Goa Engineering College MES College
65 KGs. group	Ganapat Nadkarni Reubeen Karekar Sarfaraj Makandar	Shree Damodar College Goa College of Engineering Govt. College, Quepem
70 KGs. group	Shaikh Nazir Sunil Gudlar Siddesh Malik	S S Dempo College S S Dempo College Govt. College, Sanquelim
75 KGs. group	Waman Gaitonde Akash Desai	VM Salgaoncar College Govt. College, Pernem

	Shaikh Samir	Shree Damodar College
Above 80 KGs. group	Ranadeep Dhar Rodney Gomes Asad Khan	Dhempe College Shree Damodar College MES College
Goa University Shree	Shaikh Nazir	S S Dempo College

Swimming for Men		
100 m. back stroke	Jitesh Raul R Balwan R Chakroborthy	GVM College Naval Academy Naval Academy
100 m. Breast stroke	B M Bulle Vardhan Patankar Parijat Prabhudesai	Naval Academy PG Goa College of Engineering
100 m. Butterfly	G Raturi Madhav Bhat A S Alagh	Naval Academy Goa College of Engineering Naval Academy
100 m. Free style	Parijat Prabhudesai K A Simha Vivek Singh	Goa College of Engineering Naval Academy Naval Academy
200 m. Free style	Parijat Prabhudesai AGTA Bhandara Vivek Singh	Goa College of Engineering Naval Academy Naval Academy
Swimming For Women		
50 m. Free style	Ayesha Madgavkar Rhia Lotlikar Neha Rao	St. Xavier's College Goa College of Pharmacy S S Dempo College

50 m. Back stroke	Prachi Lotlikar Ayesha Madgavkar Neha Rao	PCCE St. Xavier's College S S Dempo College
50 m. Butterfly	Rhia Lotlikar Neha Rao Valerie Gonsalves	Goa College of Pharmacy S S Dempo College St. Xavier's College
50 m. Breast stroke	Ayesha Madgavkar Rhia Lotlikar Tamara D'Souza	St. Xavier's College Goa College of Pharmacy St. Xavier's College
Cycling For Men		
	Sanjay Reddy Bonny Vales Branko Vales	Chowgule College Fr. Agnel College Fr. Agnel College
Athletics For Men		
1500 m. Run	Steven Mascarenhas Durgesh Gaonkar Gourish Gawas	St. Xavier's College Shree Mallikarjun College Govt. College, Sanquelim
Long Jump	Prashant Tari Paresh Gawas Damodar Naik	Govt. College, Khandola Chowgule College Saraswat College
100 m. Run	Prashant Tari Nitesh Gadekar Megh Dayekar	Govt. College, Khandola Saraswat College Govt. College, Quepem
Discus throw	Sherwin Pinto Razashad Shaikh Waman Gaitonde	Dhempe College Chowgule College VM Salgaoncar College
High Jump	Prashant Tari	Govt. College, Khandola

	Shiva Nagvekar Umesh Kholkar	Govt. College, Pernem Govt. College, Khandola
10,000 m. Run	Bonny Vales Clemex Pereira Dhiraj Gawade	Fr. Agnel College Rosary College Govt. College, Pernem
Shot Put	Sherwin Pinto Razashad Shaikh Punjabi Mohd. Naved	Dhempe College Chowgule College Saraswat College

800 m. Run	Steven Mascarenhas Jaffery Diniz Paul Dias	St. Xavier's College Chowgule College Chowgule College
400 m. Hurdles	Nitesh Gadekar John Rodrigues Gurudas Sawant	Saraswat College Chowgule College S S Dempo College
200 m. Run	Prashant Tari Nitesh Gadekar Megh Dayekar	Govt. College, Khandola Saraswat College Govt. College, Quepem
5000 m. Run	Clemex Pereira Bonny Vales Ismail Patel	Rosary College Fr. Agnel College Govt. College, Khandola
20 km. Walk	Durgesh Gaonkar Sam Braganza Clemex Pereira	Shree Mallikarjun College St. Xavier's College Rosary College
110 m. Hurdles	John Rodrigues Kushta Gawas	Chowgule College Bandekar College

	Navlo Rekda	Govt. College, Quepem
Javeline throw	Ramchandra Sawant Timraj Moguvir Rikil Chyrmang	Bandekar College Bandekar College Dhempe College
Tripple Jump	Shiva Nagvekar Umesh Kholkar Raju Harmalkar	Govt. College, Pernem Govt. College, Khandola Saraswat College
Pole Vault	Santosh Naik Jamal Irfan Allaudin Rikil Chyrmang	Saraswat College GVM College Dhempe College
Decathlon	Manoj Malik Navlo Rekda Rikil Chyrmang	Govt. College, Quepem Govt. College, Quepem Dhempe College
400 m. Run	Nitesh Gadekar Jaffery Diniz Paul Dias	Saraswat College Chowgule College Chowgule College
Hammer Throw	Sherwin Pinto Waman Gaitonde Krishna Naik	Dhempe College VM Salgaoncar College Bandekar College
Individual Championship	Prashant Tari Nitesh Gadekar Sherwin Pinto	Govt. College, Khandola Saraswat College Dhempe College
Athletics For Women		
1500 m. Run	Meghan Gaonkar Supriya Sawal Asmita Tirodkar	Shree Mallikarjun College St. Xavier's College St. Xavier's College
Shot Put	Valanka D'Souza	MES College

	Nisha Naik Mohana Salgaonkar	S S Dempo College Carmel College
100 m. Run	Nora Fernandes Lavina Pinto Pefa D'Mello	Saraswat College St. Xavier's College St. Xavier's College
5000 m. Run	Meghan Gaonkar Supriya Sawal Amita Desai	Shree Mallikarjun College St. Xavier's College Govt. College, Quepem
800 m. Run	Meghan Gaonkar Milan Sail Supriya Sawal	Shree Mallikarjun College MES College St. Xavier's College

High Jump	Azia D'Silva Vinanti Gawas Prarthana Patil	Govt. College, Sanquelim Govt. College, Sanquelim Chowgule College
400 m. Hurdles	Chandraprabha Patil Sarika Naik Nora Fernandes	Rosary College Govt. College, Quepem Saraswat College
200 m. Run	Nora Fernandes Lavina Pinto Milan Sail	Saraswat College St. Xavier's College MES College
Long Jump	Yogan Agapurkar Lavina Pinto Gayatri Bhamaiakar	S S Dempo College St. Xavier's College PES College
Javelin Throw	Sharon Fernandes Ramona Soares	Govt. College, Pernem St. Xavier's College

	Resha Rawal	Bandekar College
3000 m. Run	Meghan Gaonkar Supriya Sawal Amita Desai	Shree Mallikarjun College St. Xavier's College Govt. College, Quepem
Heptathlon	Luiza Fernandes Sarika Naik Vrunda Naik	Shree Mallikarjun College Govt. College, Quepem Govt. College, Quepem
100 m. Hurdles	Sarika Naik Nora Fernandes Prarthana Patil	Govt. College, Quepem Saraswat College Chowgule College
Tripple Jump	Pallavi Nagarsekar Sarika Naik Luiza Fernandes	Shree Mallikarjun College Govt. College, Quepem Shree Mallikarjun College
Discus Throw	Julia Mascarenhas Valanka D'Souza Resha Rawal	Bandekar College MES College Bandekar College
400 m. Run	Milan Sail Chandraprabha Patil Lavina Pinto	MES College Rosary College St. Xavier's College
Individual Championship	Meghan Gaonkar Nora Fernandes Sarika Naik	Shree Mallikarjun College Saraswat College Govt. College, Quepem

Goa University's Participation at Inter-University Competitions During the Academic Year 2003-2004 (Event, Venue, Participants, Position)

West Zone Kho Kho for men: By University of Mumbai at K G Joshi & N G Bedekar College, Thane - Uday Velip (Captain), Ulhas Gaonkar, Sunil Gaonkar, Sandeep N Gaonkar, Rajendra Velip, Mahesh Velip, Ganesh Velip, Sandeep R Gaonkar, Mangesh Gaonkar, Suvas Gaonkar,

Sandeip Naik, Ulhas Parab, Ramlal Vernekar(Manager), Caitano Clemento (Coach)

West Zone Basketball for men: By Swami Ramanand Teerth Marathwada University, at Mahatma Gandhi Mahavidyalaya, Ahmadpur - Spencer Viegas (Captain), Abeesh Koshy, Jonathan Delaney, Clynton Fernandes, Meuvell Coutinho, Ignatius Fonseca, Michael Dias, Joel Saldhana, Zuber Mendes, Elroy Lobo, Yogesh Sardesai, Ansen Sousa, Olencio Dias, Coach)

Suhas Govekar (Manager)

West Zone Football for men: By J. N. Vyas University at Jodhpur - Persival D'Silva (Captain), Rosebud Diniz, Devraj Tari, Sanam Natekar, Willian Colaco, Johnson D'Souza, Willroy D'Cruz, Murren Rodrigues, Reagan Mascarenhas, Oswin Goveia, Frazer Antao, Lactor Caiado, Jude Fernandes, Calazancio Fernandes, Allen Pires, Estanislau Coutinho, Vicky Fernandes, Sudhakar Naik (Manager), Alexinho Fernandes (Coach).

West Zone Volleyball for men: By University of Pune at Waghire College, Saswad - Dilip Diukar (Captain), Michael Dias, Laximan Hadkonkar, Sunil Gawas, Vijay Kolwalkar, Sagar Dhawaskar, Shailesh Kothawale, Pravas Naik, Marlon Pereira, Kapil Diukar, Krishna Dessai; Chandu Datye, Dattaram Betkar (Manager).

West Zone Cricket for men: By Saurashtra University at Rajkot - Sumeet Naik (Captain), Sachin Sardesai, Abhay Sonawane, Hemant Shetgaonkar, Amit Naik, Rohit Naik, Kishore Kadekar, Sapnesh Parab, Sunil Naik, Tushal Sawant, Chandu Lamani, Nilesh Thanekar, Gourang Dhuri, Rajesh Kakatkar, Timraj Moguvir, Pandurang Naik.

West Zone Hockey for men: By University of Rajasthan at Jaipur - William Fernandes (Captain); Agnelo Menezes; Lester Gurjao; Mohd. Jaffar Sadique; Brian Mani; Vaibhav Halarnekar; Marlon D'Souza; Vinod Dessai; Melcolm Pereira; David Assange; Gaurav Vernekar; Filomeno Costa; John Rodrigues; Rupesh Gaonkar, Sam Braganza, Ramlal Vernekar (Manager), Alexandar Remedios (Coach).

All India Hockey for women: By Alagappa University at Karaikudi - Savia de Souza (Captain), Danrette Vaz, Diana D'Souza, Lavina Pinto, Pefa D'Mello, Reema Malwankar, Sonya Pereira, Vandana D'Cruz, Vanessa D'Cunha, Samantha Fernandes, Amita Nagvekar, Sharon Fernandes, Clara Rodrigues, Julia Mascarenhas, Pratisha Narulkar, Mrs. Clara Fernandes (Manager), Anthony Lobo (Coach).

All India Football for women: By Manonmanium Sundaranar University at Tirunelveli - Uvena Fernandes (Captain), Monisha Fernandes, Jessline Correia, Tina Araujo, Meena Vaz, Edna Vaz, osephine Fernandes, Maria Martins, Karen Braz, Frianzy Fernandes, Milagrin Colaco Adelia Fernandes, Elaine Fernandes, Aveshah Fernandes, Fainna Fernandes, Maria Rebello (Coach), Sajani D'Costa (Manager).

All India Cricket for women: By Pondichery University at Pondichery - Prithvi Bandekar (Captain) Resha Rawal, Priscila Fernandes, Vanessa D'Cunha, Meghal Pednekar, Deepa Bhosle, Mukti Arolkar, Darshana Mahaldar, Poonam Naik, Santoshi Rane, Surang Gawas, Nisha Khot, Pratima Parab, Aloice D'Costa, Sandhya Shetye, Jesma Fernandes, Pallavi

Nagarsekar, Vinita Fatandesai, Rasika Komarpant, Betty D'Silva (Manager), Savio Leitao (Manager)

4.6 Directorate of Students' Welfare and Cultural Affairs:

Directorate of Students' Welfare & Cultural Affairs undertakes curricular, co-curricular and extra-curricular activities of the students of Goa University and thereby creates opportunity to the students to develop their talents in various fields of Art and Culture viz. music, dance, dramatics, literature, fine art, debates etc. The Directorate also encourages the students to undertake the social activities, in order to enable them to translate their knowledge into practical utility. The Directorate organised the programmes with an intention of cultivating a sense of togetherness among the students. It also acts as a Liaison agency for smooth interaction between the Students and University Authorities, other Universities, Government, Semi-Government and Voluntary Institutions etc. Goa University has constituted the following students-bodies, in order to administer the activities of the students.

1. Goa University Students' Council comprising the representative of the colleges, affiliated to Goa University.
2. Post-Graduate Students' Union comprising the representatives of the faculties of the postgraduate departments of Goa University.

Activities:

1. Election of Goa University student's council for the year 2003 - 2004.
 2. Organised Inter Faculty Youth Festival for Post Graduate students' in Jan. 2004.
- a) Earn While You Learn - Needy P.G. students are engaged under this scheme for petty academic jobs on the campus and paid certain remuneration towards their contribution.
- b) Student's Aid Fund - Financial assistance is given to the deserving P.G. students to meet their expenditure towards tuition fee, examination fee, books etc. (maximum Rs. 2,500/-).
- c) All students (PG & UG) of Goa University are covered under Student's Safety Insurance scheme and are entitled to receive Insurance benefits under this scheme.
- d) Post Graduate Student Union and blood bank (Goa Medical College) jointly organized blood donation camp on 24th Sept. 03 and 67 students/faculty from various University Departments participated in the event.
- e) Organised 'All Goa Inter Collegiate Essay Competition'. H. E. The Chancellor's Trophy to select the finalist on 10th July 03 in Arts Faculty, Goa University. The Prize distribution was held on 15th Aug. 03 at Raj Bhavan, Dona Paula, Goa. First prize secured by St. Xavier's College, Mapusa; Second Prize secured Saraswat College, and third prize to St.

4.7 Publication Unit & Statistics Cell: Publication Unit handles work related to various publications of the University such as Annual Report, Annual Handbook, Pocket Telephone Directory, Monthly News Bulletin and few occasional publications. The Public Relations activities are also carried out which include bringing out Press Releases, clippings of reports and complaints appeared in various local dailies were brought to the notice of University Authorities and rejoinders were given on the basis of clarification furnished by the concerned office/department. For the period under review, more than Five Hundred News Reports appeared in various local and National News Papers on the University and Affiliated Colleges. As per the Directive of University Grants Commission a Statistics Cell has been created at Goa University.

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

The UGC-ASC came into being with an 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 the Management of Higher Education, and to bring about a closer linkage between society and Higher Education through meaningful study and research.

The UGC-ASC at Goa University came into existence in February 1988. It has been conducting Orientation Courses from 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. Our ASC was one of the five ASCs in the country to be selected by UGC for the conduct of a 'Pilot Refresher Course in Information Technology'. The Course was held in September 2003. The participants comprised of faculty members from various University Departments. Faculty from some of the Academic Staff Colleges were also among the participants, Nominated by respective Vice-Chancellors nominated the participants.

So far, we have completed 66 Orientation Programmes and 124 Refresher Courses covering 2217 and 3449 participants respectively. During the year 2003-04, the UGC-ASC conducted 2 Orientation Programmes and 8 Refresher Courses covering 63 and 217 participants respectively. Refresher Courses were conducted in the following subjects: English, Information Technology, Mathematics, Commerce, Chemistry, Marine Science, Library Science and Economics.

E. Seminars / Conference / Workshops etc. organized

Theme of seminar / Conference / Workshop	Dates	Funding Agency
1. Conference on "Issues and Challenges in Higher Education: India and Canada"	16 th - 17 th Feb. 2004	Shastri Indo Canadian Institute, New Delhi
2. Seminar on 'Constructing Identity through Folklore: Canada and Goa	16 th Apr. 2004	Shastri Indo-Canadian Institute, New Delhi

Refresher / Orientation Courses conducted in 2003 –2004

Courses Conducted	Male	Female	Total
Refresher Course in English 11.7.2003 to 31.7.2003	19	14	33
65 th Orientation Programme 1.8.2003 to 29.8.2003	14	9	23

Refresher Course in IT for Directors of ASC and Resource persons 10.9.2003 to 30.9.2003	24	3	27
Refresher Course in Mathematics 3.10.2003 – 23.10.2003	21	15	36
Refresher Course in Commerce 3.10.2003 to 23.10.2003	19	10	29
Refresher Course in Chemistry 29.10.2003 to 18.11.2003	18	10	28
Refresher Course in Marine Sciences 2.1.2004 to 22.1.2004	15	5	20
66 th Orientation Programme 5.2.2004 to 3.3.2004	29	11	40
Refresher Course in Library Science 21.2.2004 to 12.3.3004	14	5	19
Refresher Course in Economics 4.3.2004 to 24.3.2004	16	9	25

4.9 College Development Council: The College Development Council of Goa University is a liaison between Affiliated Colleges and the University/University Grants Commission. It provides information to the colleges about various grants available for development from UGC and other institutions.

1. Proposals for Financial Assistance Submitted By Various College Teachers Under Minor / Major Reach Projects of UGC Scheme.

Sr.No .	Name of College	Name of Teacher/s	Project Entitled /Amount
1.	Smt. P. Chowgule College of Arts & Science, Margao.	1. Sachin B. Kakodkar 2. Malati Dessai 3. Anninsh Adhikari & Lan Barreto 4. Hanumant Chopdekar 5. Dabashish Mazumdar 6. Rupali M. Tamuly 7. Lata Shirodkar 8. D. K. Tikare Librarian 9. M. P. Shivali 10. A. S. Knade (Investigator) & S. Alfredo Antao (Co-investigator)	Rs. 56,000/- Rs. 69,000/- Rs. 10,000/- Rs. 30,000/- Rs.70, 00000/-
2.	Govt. College of Arts, Science & Commerce, Quepem	Ranji George	The Sustainability of Goan's development Experience
3.	P. E. S. College Arts & Science, Farmagudi, Ponda, Goa.	Kamaladevi R. Kunkolienkar	-----
4.	G. V. M.'s College of Commerce & Economic, Farmagudi, Ponda, Goa.	Geetanjali R. Urankar	Foreign Tourism in Goa – Present Scenario and Future Potential.

5.	Carmel College for Women, Nuvem, Goa.	Gadi Subhadra Devi	Assessment of effect of mining on ground water quality.
6.	Govt. College of Arts, Science & Com. Sanquelim.	Sayed Abdullah S. M.	A Critical Study of the village Panchayats in Bicholim Taluka Goa.

2. Colleges Selected by UGC for Providing Grant for Establishment of UGC Network Resource Centre

Sr. No.	Names of College
1.	Rosary College of Commerce & Arts, Navelim, Goa.
2.	G. R. Kare College of Law, Margao, Goa.
3.	S. S. Dempo College of Commerce, Altinho, Panaji, Goa.

3. Colleges Selected By UGC for College Humanities & Social Science Improvement Programme (COHSSIP) Of UGC Scheme.

Sr.No.	Name of Colleges
1.	Shree Damodar College of economics & Commerce, Margao, Goa.

4. Grants Sanctioned By UGC For Career Oriented Programme.

Sr.No.	Name of College	Amount / Purpose
1.	Fr. Agnel College of Arts & Commerce, Pilar, Goa.	Grants received towards starting Career Oriented programme at first-degree level from the academic year 2004-2005.

5. Teachers Awarded Study Leave Under Faculty Improvement Programme of UGC (FIP)

Sr.No.	Names of College	Names of Teachers
1.	Smt. P. Chowgule College of Arts & Science, Margao,	Debasish Mazumdar
2.	P. E. S. College of Arts & Science, Farmagudi, Ponda,	1. S. H. P. Keluskar 2. Caroline F. E. Fernandes 3. M. N. Kulkarni

3.	Fr. Agnel College of Arts & Commerce, Pilar, Goa.	Biula V. D’Cruz e Pereira
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4.10 Board of Extra Mural Studies And Extension Services

The unfinished work mainly that of Energy Park which was pending for a long period of time. All the proposed equipments are now installed and working in the premises of Goa University Guest House. A project on behalf of Indian Academy of Sciences, Bangalore was taken up to develop low cost Physics experiments to undergraduate Physics laboratories. Four experiments and four project kits have been developed and successfully tested. Some of these experiments formed a part of Refresher Course in Experimental Physics held in the Department of Physics, Goa University last year and they will also be a part of the Refresher courses to be held this year at Mysore University and Bhavnagar University.

4.11 Counselling, Career Guidance and Employment Liaison Cell (CCGEL):

The CCGEL is endowed with the mandate of creating a data bank of various academic programmes and courses available in Goa and assist students in career planning and career development. Keeping this in mind, CCGEL organized a Lecture by Madhukar Patil, a practitioner of holistic medicine from Hyderabad on "Developing Effective Study Habits " for P. G. Students, on 16th Sept. 2003.

CCGEL initiated a quarterly newsletter titled CAREER CHRONICLE, which disseminated information on Career Opportunities with reference to scholarships, job vacancies and opportunities abroad. CCGEL also initiated the process of creating a database of all outgoing P. G. Students. The CCGEL maintains a special INFORMATION DESK at the Goa University Library in collaboration with Library staff. This DESK has books on entrance exams to Foreign Universities, Handbooks of Foreign Universities including scholarships offered by them. Aureliano Fernandes was the Hon Coordinator for 2003-04.



PART 5: AFFILIATED COLLEGES

5.0 List of Affiliated Colleges:

(a) Non-Professional Colleges:

01. Dhempe College of Arts and Science, Miramar, Panaji-Goa.
02. Smt. Parvatibai Chowgule College of Arts and Science, Margao-Goa.
03. St. Xavier's College of Arts and Science, Mapusa-Goa.
04. S. S. Dempo College of Commerce and Economics, Altinho, Panaji-Goa.
05. Carmel College for Women, Nuvem, Salcete- Goa.
06. Murgao Education Society's College of Arts and Commerce, Zuarinagar- Goa.
07. Shree Damodar College of Commerce and Economics, Margao-Goa.
08. 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.
09. Goa Vidyaprasarak Mandal's College of Commerce and Economics, Ponda-Goa.
10. P. E. S.'s Shri Ravi S. Naik College of Arts & Science, Ponda.
11. Naval Academy, I N S Mandovi, Verem-Goa.
12. Cuncolim Education Society's College of Arts and Commerce, Cuncolim-Goa.
13. Government College of Arts, Science and Commerce, Sanquelim-Goa.
14. Goa College of Home Science, Campal, Panaji-Goa.
15. Government College of Arts, Science and Commerce, Khandola, Marcela-Goa.
16. Government College of Arts, Science and Commerce, Quepem-Goa.
17. Rosary College of Arts and Commerce, Navelim-Goa.
18. Saraswat Vidyalaya Society's College of Commerce and Management Studies, Mapusa-Goa.
19. Fr. Agnel College of Arts and Commerce, Pilar-Goa.
20. Shree Mallikarjun College of Arts and Commerce, Canacona-Goa.
21. Government College of Arts and Commerce, Pernem-Goa.
22. Zantye Brother's Educational Foundation's College of Commerce, Bicholim-Goa.

(b) Professional Colleges:

23. GSS's Don Bosco College, Panjim.
24. Goa College of Pharmacy, Panaji-Goa.

25. Govt. Engineering College, Farmagudi, Goa.
26. Nirmala Institute of Education, Altinho, Panaji-Goa.
27. Goa College of Fine Art, Altinho, Panaji-Goa.
28. Mahadeorao Salgaokar College of Law, Miramar, Panaji-Goa.
29. Govind Ramnath Kare College of Law, Margao-Goa.
30. Goa Dental College, Bambolim-Goa.
31. College of Architecture, Altinho, Panaji-Goa.
32. Goa College of Music, Altinho, Panaji-Goa.
33. Institute of Nursing Education, Panaji-Goa.
34. Goa Vidyaprasarak Mandal's College of Education, Ponda-Goa.
35. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Res. Centre, Shiroda.
36. Goa Medical College, Bambolim-Goa.
37. Shivgram Education Society's Homeopathic College and Hospital, Shiroda-Goa.
38. National Hydrographic School, Vasco-da-Gama.
39. Padre Conceicao College of Engineering, Vernem-Goa.
40. Devi Sharvani Education Society's Goa Institute of Mgt. Studies, Caranzalem-Goa.
41. Vidya Vikas Mandal's Institute of Management Training and Research, Margao-Goa.
42. Indian Institute of Local Self Government, Panaji-Goa.
43. INS Hamala, Mumbai.
44. Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda-Goa.

(a) NON-PROFESSIONAL COLLEGES

5.1 Dhempe College of Arts and Science, Miramar.

A. Year of Establishment: 1962

B. Principal's Name and Contact Address: R. B. Pinto till December 2003

S. V. Deshpande from Jan 2004

c/o Dhempe College of Arts and Science

D. B. Bandedkar Marg, Miramar Panaji Goa

Pin: 403001

C. List of teaching staff:

Name	Department	Qualification	Designation
S. V. Deshpande	Eco./ Pol. Science	Ph.D.	Principal
Rabin Pinto	English	M.A.	Lecturer (S.G.)
Maria Isabel Vaz	English	M.A.	Lecturer (S.G.)
Edwin Cortez	Eco./ Pol. Science	M.A.	Lecturer (S.S.)
Shilpa Samant	Eco./ Pol. Science	M.A.	Lecturer (S.S.)
K. S. Govekar	Eco./ Pol. Science	M.A.	Lecturer (S.S.)
V. Prabhugaonkar	History	M.A.	Lecturer (S.G.)
Zinia D'Silva	Phil. & Psychology	Ph.D.	Reader
Wendy Ann Manuel	Phil. & Psychology	M.A.	Lecturer
Mukta Karamadi	Phil. & Psychology	M.A.	Lecturer
S. U. Kamat	Mathematics	M.Sc.	Lecturer (S.G.)
Maria S. Miranda	Mathematics	M.Sc.	Lecturer
Anju Sakhardande	Konkani	M.A.	Lecturer
V. Borkar	Chemistry	Ph.D.	Reader

L.Talwadkar	Chemistry	Ph.D.	Reader
Udai Naik	Chemistry	Ph.D.	Reader
Sharmila Kamat	Physics	M.Sc.	Lecturer (S.S.)
Sandeep Burye	Physics	M.Sc.	Lecturer (S.G.)
Murthy P. S. Ramu	Physics	M.Sc.	Lecturer (S.S.)
Swati Pawar	Physics	M.Sc.	Lecturer (S.S.)
K. G. Hiremath	Botany	Ph.D.	Reader
P. N. Pangu	Botany	Ph.D.	Reader
G. I. Hukkeri	Botany	M.Sc.	Lecturer (S.G.)
M. Prabhudesai	Botany	M.Sc.	Lecturer (S.G.)
Y. Moddasir	Zoology	Ph.D.	Reader
S. R. Ganihar	Zoology	Ph.D.	Reader
Suhas J. Godse	Zoology	M.Sc.	Lecturer (S.G.)
Sucheta Halkar	Zoology	M.Sc.	Lecturer (S.G.)
A. G. Agshikar	Geology	M.Sc.	Lecturer (S.G.)
O. A. Fernandes	Geology	M.Sc.	Lecturer (S.G.)

Part time lecturer

Name	Department	Qualification	Designation
Clarinda Dias	English	M.A.	Contract
Vandana Kenny	English	M.A.	Lect.Basis
Nazrana Shaikh	Eco./ Pol. Science	M.A.	Contract
Karuna Singh	Eco./ Pol. Science	M.A.	Lect.Basis
Prajal Sakhardande	History	M.A.	Temporary
Roshida Rodrigues	Phil. & Psychology	M.A.	Lect. Basis
Shilpa Tamba	Phil. & Psychology	M.A.	Lect. Basis

Vinay Bapat	Marathi	M.A.	Lect. Basis
Kiran Popkar	Hindi	M.A.	Contract
Vaishali Shirodkar	Hindi	M.A.	Lect. Basis
Santoshi Bhandare	Konkani	M.A.	Lect. Basis
Annie Rajan	Infor. & Technology	M.Sc.	Temporary
Shilpa Raut Desai	Computer Science	M.C.A.	Contract
Prachi Bhandare	Computer Science	M.C.A.	Contract
Gautam Bodke	Computer Science	B.E.	Contract
Sajitha Panakal	Computer Science	M.C.A.	Lect. Basis
Soniya Rao	Chemistry	M.Sc	Temporary
Vishwas Prabhudesai	Chemistry	M.Sc.	Temporary
Varsha Sardessai	Chemistry	M.Sc.	Temporary
Rukhmini Lawande	Chemistry	M.Sc.	Contract
Miskhil Naik	Physics	M.Phil	Contract
Manjiri Kelkar	Botany	M.Sc.	Temporary
Purnima Ghadi	Botany	Ph.D.	Lect. Basis
D. S. Parab	Geology	M.Sc.	Temporary
Manoj Ibrampurkar	Geology	M.Sc.	Contract
Tina D'Cunha	Geology	M.Sc.	Contract
Pandurang Naik	Physcal Ed. Director	M.P.Ed.	Contract
Librarian	Library	B.Lib. M.Com.	Temporary

The highlights of major thrust areas of research and achievements of the College.

Started "Industrial & Analytical Techniques" a 6 months Post Graduate Certificate Course during the academic year 2003-04. Most of the teachers of Chemistry Department were resource persons for the course. 50% students have obtained campus placement immediately after completing the course.

G. Any other information:

c. Any other special achievement by students/staff:

Vishwas Prabhudesai (staff) cleared SET in Dec. 03.

Ranjit Sardessai (T.Y.B.Sc. Chemistry student) won 2nd place in All Goa Inter-Collegiate Power lifting Competition org. by Goa University in Aug. 03.

T.Y.B.Sc. Student Nolan Cabral won Gold-Medal in Power-lifting (82.5 Kg category) & Silver medal in Body building category in All Goa Inter Collegiate Competition.

A. G. Agshikar (HOD), O. A. Fernandes, D. S. Parab & M. Ibrampurkar worked as Resource persons in orientation workshop for teacher's organised by Chowgule College.

UGC Teachers Fellowship sanctioned to Swati Pawar (Physics)

Mangala Prabhudesai was awarded 'Best Teacher' Award by Inner Wheel of Rotary Club.

A book "Recent Advances in Environmental Science" edited by K. G. Hiremath was published in 2003.

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

A. Year of Establishment: 1962

B. Principal's Name and Contact Address: A. S. Kanade

Smt. Parvatibai Chowgule Cultural Foundation's

College of Arts & Science,

Gogol, Margao-Goa.

Phone: 2759504/2759062 Fax: 2759062

C List of teaching staff:

Name of faculty members	Department	Qualification	Designation
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A. S. Kanade	Chemistry	Ph.D.	Principal
R. V. Gaonkar	Botany	Ph.D.	Vice-Principal & Reader
S. N. Pai Raiturkar	Physics	M.Sc.	Lecturer (S.G.)
R. V. Joshi	Philosophy	Ph.D.	Vice Principal & Reader
S. P. S. Kakodkar	Chemistry	M.Sc., D.H.E.	Lecturer (S.G.)
N. B. Shirwaikar	Botany	M.Sc.	Lecturer (S.G.)
Narendrakumar G Rivonkar	Chemistry	M.Sc., D.H.E.	Lecturer (S.G.)
P. N. Kavri	Zoology	M.Sc., D.H.E.	Lecturer (S.G.)
Antao Alfred Synesio	Chemistry	Ph.D., D.H.E	Reader
A. V. Veeresh	Botany	Ph.D.	Reader
K. N. Mishra	Zoology	M.Phil.	Lecturer (S.G.)
M. S. Katti	Geology	M.Phil.	Lecturer (S.G.)
Ganpat K. Naik	Chemistry	Ph.D.	Lecturer
V. S. Amonkar	Mathematics	M.Sc., D.H.E.	Lecturer (S.G.)
D. K. Tikare	Zoology	Ph.D.	Lecturer (S.G.)
H. S. S. Nadkarni	Geology	M.Sc.	Lecturer (S.G.)
Anand P. Masur	Mathematics	M.Sc.	Lecturer (S.G.)
Allan Rodriguese	Geology	M.Sc.	Lecturer (S. S.)
Alberto Ian Aquino Barreto	Computer Sc.	M.C.A.	Lecturer (S. S.)
Shaila R. Ghanti	Computer Sc.	M.Phil.	Lecturer (S. S.)
Animesh Adhikari	Computer Sc.	M.C.A., M.Tech	Lecturer (S. S.)
Kumaresh V. C.	Computer Sc.	M.Sc.	Lecturer (S. S.)
S. R. Ingle	Geography	M.Phil.	Lecturer (S.G.)
D. Prabakaran	Computer Sc.	M.C.A.	Lecturer (S. S.)
P. S. Antony	History	Ph.D.	Reader
S. M. Ambli	Geography	Ph.D., D.H.E	Reader

Suchitra R. Bhat	Computer Sc.	M.C.A.	Lecturer
E. M. Travassos	Economics	Ph.D.	Reader
Sarita S. Naik Tari	History	M.A.	Lecturer (S.G.)
Nandakumar N. Sawant	Geography	Ph.D.	Reader
Debasish Majumdar	Economics	M.A.	Lecturer (S.G.)
Aparajita A. Chatterjee	Sociology	M.A.	Lecturer (S. S.)
Neeta V. Dhopeswarkar	Computer Sc.	M.C.A.	Lecturer
Celeste Fernandes	English	M.A.	Lecturer (S. S.)
Rupali M. Tamuly	Economics	M.A.	Lecturer
S. S. Naik	Philosophy	M.A.	Lecturer (S.G.)
Rajashree R. Desai	English	M.A.	Lecturer (S. S.)
R. V. Patil	Philosophy	M.A.	Lecturer (S.G.)
Mitra D. S. Borkar	French	M.A.	Lecturer (S. G.)
Gunaji S. Desai	Konkani	M.A.	Lecturer (S. S.)
Shrikrishna S. Adsul	Marathi	M.Phil.	Lecturer (S. G.)
Omprakash Tripathi	Hindi	Ph.D.	Lecturer (S.S.)
Devashish Bagchi	Phy. Edn.	M.P.Ed., M.Phil.	Director, Phy. Ed. (S.S.)
M. P. Shivalli	Library	Ph.D.	Librarian (S.S.)

The highlights of major thrust areas of research and achievements of the College.

1. Proposal for the Development of UGC-NET Resource Centre has been approved by UGC.
2. UGC has sanctioned Proposal for Introduction of the following Six skill oriented & value added, add-on courses in the college, to be opted by students as a parallel sub-discipline while pursuing their degree level education:

Arts / Social Science

1. Travel & Tourism Management
2. Video Editing
3. Functional Hindi

Sciences

1. Hardware Maintenance
2. Environment Auditing
3. Electronics Appliance Maintenance

3. Most of the services in the college administrative office have been computerised. Library catalogues have been put into digital format. After completing bar coding of the books, library will be on-line.

E. Ph.D. degree conferred during June 2003 to May 2004

Name of candidate	Name of Guide	Title of Thesis	Subject
Lata Ghanasham Shirodkar	R. N. Mishra, Reader, Dept. of Hindi, Goa University	Trilochan Ki Kavya - Drishty	Hindi
Mangala Veeresh	B. B. Hosetti, Reader, Dept. of Post Graduate Studies & Research in Applied Zoology, Kuvempu University, Shimoga	Effects of Some Pollutants on the Biological Treatment of Waste Waters of Stabilization Ponds.	Zoology

F. Achievements (Rank/Merit in the University Examinations/sports activities).

Sports Activities:

1. The College Athletic team won the coveted Inter-collegiate Track & Field Championship organised by the Goa University. The College team bagged a total of 19 medals – 9 gold, 6 silver and 4 bronze.
2. Razashad Shaikh (T.Y.B.A.) and Stephen Gomes (FYBA) won gold medals at the Inter-Collegiate Power Lifting Competition. Stephen Gomes has been titled as the "STRONGEST MAN" of Goa University in Power Lifting Competition. Razashad Shaikh also won gold medal in weight lifting.
3. Succorina Alveena Fernandes of PGDCA won the State level Judo Championship alongwith the prestigious title of "BEST JUDOKA" of the State.

G. Any other information:

(b) Fellowship/Visiting Professorship, etc.

Debasish Mazumdar has been granted, Teacher Fellowship for two years, under Faculty Improvement

Programme of U.G.C.

(c) Any other special achievement by students/staff

NCC student, Varma Honnavar of FYBA was selected for Youth Exchange Programme (Nepal, Singapore).

Naval Wing Cadet Cassie Rodrigues participated in RD parade, New Delhi.

Deepak Kumar Sharma, Phadte Parind and Gaonkar Ritesh were selected for Guard of Honours Contingent of the All India Ocean to Sky Trekking Expedition, 2003”.

Ravi Pawar, Shiddi Upadye, Vinod Acharya, have been given awards by different social organizations, Associations and Institutions, for their meritorious contribution in the field of literature, drama-writing, one-act play writing, Acting & Poetry Competition, etc.

S. S. Adsul, Head of the Department of Marathi, has been awarded two prestigious awards namely, “Karyaseva Gaurav Puraskar” and “Godharal Puraskar” by Lokseva Academy, Mumbai, and Literary Association, Nashik, respectively.

Gunaji Desai, Head of the Department of Konkani, was appointed Public Relation Officer for “All India Trekking Expedition, 2003”.

The following faculty of this college has received approval from UGC for financial assistance for undertaking minor research projects:

Name of teacher	Title of project	Amount
S. S. Adsul (Marathi)	Contribution of Women Writers in Goan Marathi	Rs.14,000/-
Lata Shirodkar (Hindi)	Sociological Analysis of the Novels of the Last Decade	Rs.30,000/-
Sachin Kakodkar (Chemistry)	Synthesis Characterisation and Catalytic activity of Pure and Meta-Ion Modified MCM-41 Material	Rs.56,000/-
Hanumant Chopdekar (Konkani)	Image of Women in Post Liberation Konkani Novels.	Rs.10,000/-
N. N. Sawant (Geography)	Process of Urbanisation in Goa.	Rs.30,000/-
Malati Dessai (Physics)	On the role of air-sea Interaction parameters and Fluxes over the tropical Indian Ocean on the Monsoon Activity over Indian Subcontinent.	Rs.69,000/-
S. N. Pai Raiturkar (Physics)	Study of Dielectric and Electrical Properties of Barium Titanate and Lead Titanate Based	Rs.73,000/-
Parvatibai Chowgule College, Margao-Goa.	Extension of CDI known as “Conflict Management & Student Exchange Programme” awarded by Ford Foundation.	Rs.1,00,000/-

viii) College has organised five seminars/workshops for the faculty members and the faculty members have published 20 research papers in National and International Journals.

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

A. Year of Establishment: 1963

B. Principal's Name and Contact Address: Newman Fernandes,
St. Xavier's College of Arts, Science & Commerce
Xaviernagar, Altinho, Mapusa, Bardez, Goa –
403507.
Phone Nos.: 2262356, 2250233
Fax: 91 (0832) 2262356
Email: xavierscollege@sancharnet.in

C. List of teaching staff:

Names	Department	Qualifications	Designation
I. P. Newman Fernandes	Psychology	M.A., LL.B.	Principal
Sudha Chari	Philosophy	Ph.D.	Reader
Aletthra Cynarra Vieira	Philosophy/Logic	M.A.	Lecturer
Annie Fernandes	Sociology/Ecology	M.A.	Lecturer
Alice Barneto D'Cruz	English	M.A.	Lecturer
Prema Rocha	English	M.A.	Lecturer
Shirlene Palha	English	M.A.	Lecturer
Sunita Fernandes	English	M.A.	Lecturer
Maria Claudette Gomes	English	M.A.	Lecturer
Pamela Fernandes	History/Hist.IFS	M.A.	Lecturer
Sharmila Pais	History/Hist.IFS	M.A.	Lecturer
Anuradha Kakodkar	Psychology	M.A.	Lecturer
Fr. Simao Diniz	Psychology	M.A.	Lecturer
Ubalдина Noronha	Psychology	M.A.	Lecturer
Janet Fernandes	Psychology	M.A.	Lecturer
Blanche Mascarenhas	Economics	M.A.	Lecturer
Gema Fernandes	Economics/Lab.Welf.	M.A.	Lecturer
Jacqueline Monteiro	Economics	M.A.	Lecturer
Tricia D. Vaz	Pol.Sc./Curr. Aff.	M.A.	Lecturer
Cajetan Raposo	Pol.Sc./Curr. Aff.	M.A.	Lecturer
Magdalene D'Souza	Hindi	M.Phil.	Lecturer

Ramita Gurav	Hindi	Ph.D.	Lecturer
Aruna Ganu	Marathi	M.A.	Lecturer
Vrunda Kelkar	Marathi	M.A.	Lecturer
Satish Bute	Konkani	M.A.	Lecturer
Dharma S. Chodanker	Konkani	M.A.	Lecturer
Celia B. Da Costa	French	M.A.	Lecturer
Fr. Jaime Couto	Portuguese	M.A.	Lecturer
Tushar S. Anvekar	Chemistry	Ph.D.	Lecturer
Edwina R. Fernandes	Chemistry	M.Sc.	Lecturer
Kathleen Pinto	Chemistry	M.Sc.	Lecturer
Isabel De Noronha	Chemistry	M.Sc.	Lecturer
Teotone Inas M. Vaz	Chemistry	M.Sc.	Lecturer
Janesline Fernandes	Chemistry	M.Sc.	Lecturer
Rajendra Kanekar	Physics	M.Phil.	Lecturer
Benedict Soares	Physics	M.Sc.	Lecturer
Dominick Nelson Lobo	Physics	M.Phil.	Lecturer
Pradeep Morajkar	Physics	M.Sc.	Lecturer
Andrew Dias	Physics	M.Sc.	Lecturer
Manoj Salgaonkar	Physics	M.Sc.	Lecturer
Lawrence Matias Bosco J.	Physics	M.Sc.	Lecturer
Daryl Gonsalves	Electronics	M.Sc.	Lecturer
Vilma M. Fernandes	Electronics	M.Sc.	Lecturer
Emilia Mascarenhas	Botany	M.Sc.	Lecturer
Maria Araujo	Botany	Ph.D.	Lecturer
Wendy Xavier	Botany	M.Sc.	Lecturer
Sabina Sales	Botany	M.Sc.	Lecturer

Conceicao de Souza	Botany	M.Sc.	Lecturer
Maria Beatriz Cormoli	Botany	M.Sc.	Lecturer
Marina Monteiro	Microbiology	M.Sc.	Vice-Principal
Sheila Velho Martins	Microbiology	M.Sc.	Lecturer
Ursula Pinto Barreto	Microbiology	M.Sc.	Lecturer
Judith D'Souza	Microbiology	M.Sc.	Lecturer
Linette M. D'Souza	Microbiology	M.Sc.	Lecturer
Balakrishnan C. Nair	Mathematics	Ph.D.	Lecturer
Ryan Fernandes	Mathematics	Ph.D.	Lecturer
Fatima Pereira	Mathematics	M.Sc.	Lecturer
Edwin A. J. D'Souza	Computer Science	M.C.A.	Lecturer
Sandra Joan D'Cruz Vaz	Computer Science	M.C.A.	Lecturer
Parmanand Mandrekar	Computer Science	M.C.M.	Lecturer
Joan D'Mello	Computer Science	B.E.	Lecturer
B. Rajasekhar	Commerce	M.Phil.	Lecturer
Oscar B. D'Mello	Commerce	M.Com.	Lecturer
Maria Difa Fernandes	Commerce	M.Com.	Lecturer
Sumina L. Da Costa	Commerce	M.Com.	Lecturer
Santana Fernandes	Commerce	M.Com.	Lecturer
Yasmin G. Patvekar	Commerce	M.Phil.	Lecturer
Herwin Furtado	Commerce	M.Com.	Lecturer
Carmelita D'Mello	Commerce	M.M.S.	Lecturer
D. M. Jakatti	Geography/Ecology	M.A.	Lecturer
Milton Fernandes	Physical Education	M.P.E.	Dir. Phy. Edu.

Highlights of major thrust areas of research and achievements of the College.

The College publishes an Interdisciplinary Journal called "SPECTRUM", with the help of the Research and Developmental Cell of the College. This year, research was carried out in the following fields:

1. Mis-match between Higher Education and Employment: A Case Study of Goa.
2. Study of Manganese Octahedral Molecular Sieves.
3. Fishing Resources of Goa.
4. Horticulture in Goa.
5. Adjustment of Mental Efficiency of Elderly Women.
6. Characterization of Women in Goan Marathi Literature.

F. Achievements (Rank/Merit in the University Examinations/Sports activities).

Ranks/Merits:

First Rank at the Third Year B. Com. University Examination (Shared by two students) in Apr. 2004.

Third Rank at the Third Year B. Com. University Examination in Apr. 2004.

First Rank at the Third Year B. A. University Examination in Apr. 2004.

First Rank at the Third Year B. Sc. University Examination in Apr. 2004.

Sports:

1. The College bagged seven championship titles (Swimming, Basket ball, Athletics, Hockey, Cricket – Women, Table-Tennis, Handball –Men) and four runner-up trophies (Football, Badminton, Handball – Women, Hockey – Men)
2. Iron Man of Goa University title for Prashant Kanekar.
3. Ramona Soares performed exceptionally well in six different disciplines and secured first rank at the Goa University third Year B. Com. Examinations.

G. Any other information:

(a) Awards/Honours conferred.

Sam Higginbotham Best Principal in India award was conferred on Newman Fernandes.

Best Director Award for English Play at the Kala Academy was conferred on Alice D'Cruz.

Best English Play Award, Kala Academy, Inter-Collegiate Contest.

Best Marathi Play Award, Kala Academy, Inter-Collegiate Contest.

Best Director Award for Marathi Play at the Kala Academy was conferred on Ramita Gurav.

(c) Any other special achievement by student/staff.

Gold Medal for the best paper at the 11th National Convention for Electro-Chemistry to Jeanette Rebello.

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

A. Year of Establishment: June 1966

B. Principal's Name and Contact Address: S. L. Sardesai

S. S. Dempo College of Commerce & Economics

Near All India Radio

Altinho-Panaji-Goa.

C. List of teaching staff:

Name	Department	Qualification	Designation
S. L. Sardesai	Economics	M.A.	Principal
A. P. Kamat	Economics	M.A.	Lecturer
V. H. Borkar	Maths	M.Sc.	Lecturer
V. R. Naik	Economics	Ph.D.	Reader
M. S. Pilgaonkar	English	M.A.	Vice-Principal
P. N. Naik Gaonkar	Commerce	M.Com.	Lecturer
K. N. Joshi	Maths	M.Sc.	Lecturer
Derina Rodrigues	Commerce	M.Com.	Lecturer
A. Pinto	English	M.Phil.	Lecturer
Sangeeta S. Jadhav	Computer	MCM	Lecturer
P. P. Braganza	Commerce	M.Com.	Lecturer
J. Menezes	Commerce	M.Com.	Lecturer
G. Tamba	Accounts	C.A.	Lecturer
A. Mesquita	Commerce	M.Com.	Lecturer
S. B. Kamat	Commerce	M.Com.	Lecturer
Vinod Joshua	Accounts	M.Com.	Lecturer
G. I. Jamadar	Gymkhana	M.A., B.P.Ed	College Director Phy. Edu
N. Varerkar	Economics	M.A.	Lecturer

Part-Time Faculty

C. Y. Ramani	Accounts	B.Com., LL.B., FCA	Lecturer
A. K. P. Moye	Law	M.Com., LL.B.	Lecturer
A. S. Sangoram	Accounts	M.Com., FCA	Lecturer
K. D. Amlani	Accounts	B.Com., FCA	Lecturer

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

A. Year of Establishment: 1964

B. Principal's Name & Contact Address: Sr. Emma Maria A.C.,

Carmel College of Arts Science & Commerce

Nuvem, Goa.

C. List of the teaching staff:

Name	Department	Qualification	Designation
Sr. Emma Maria A.C.	History	M.A.	Principal
Leila Riberio	History	M.A.	Lecturer (S. G.)
Sr. M. Aradhana A.C.	Commerce	M.Com.	Vice Principal
Sajani D'Costa	Commerce	M.Com.	Lecturer (S. S.)
Sumathi Satardekar	Commerce	M.Phil.	Lecturer (S. S.)
Gladys Monteiro	Commerce	M.Com.	Lecturer (S. S.)
Audhoot Satardekar	Commerce	M.Com.	Lecturer
Dina D'Silva	Pol.Science	M.A.	Lecturer (S. G.)
Lolita D'Souza	Pol.Science	M.Phil.	Lecturer (S. G.)
L. Ann Sequeira	Pol.Science	M.A.	Lecturer (S. G.)
K. J. Augusthy	Economics	M.A., D.H.E.	Lecturer (S. G.)
Radhika Nayak	Economics	M.A., D.H.E., LL.B.	Lecturer (S. G.)
Aldina Braganza	Psychology	M.A.	Lecturer (S. S.)
Lucrecia Pereira	Chemistry	M.Sc., D.H.E	Lecturer (S. G.)
Cheryl Alvares	Chemistry	M.Sc.	Lecturer (S. G.)
Sr. Matilda Madtha A.C.	Chemistry	M.Sc.	Lecturer (S. G.)
M. Augusthy	Botany	M.Sc, D.H.E	Lecturer (S. G.)
Mini Vijayan	Botany	Ph.D.	Reader
Sulabha Phatak	Botany	Ph.D.	Reader
Meena Miranda	Botany	M.Sc.	Lecturer (S. S.)
Molly Joseph	Zoology	M.Sc.	Lecturer (S. G.)
S. Devi Gadi	Zoology	M.Phil.	Lecturer (S. G.)
Manoj Borkar	Zoology	Ph.D.	Reader
Rajendra	Physics	M.Phil	Lecturer (S. G.)

Efrem D'Sa	Physics	M.Phil	Lecturer (S. G.)
T. Gladys Mony	Mathematics	M.Sc.	Lecturer (S. G.)
Roxana A. Singh	English	M.A.	Lecturer (S. S.)
S. Verenkar	Hindi	Ph.D	Reader
A. Raut Desai	Konkani	M.A.	Lecturer (S. G.)
Queenie Viegas	Konkani	M.A.	Lecturer (S. S.)
O. Menezes e Gama	Phy Edu	M.Com.	Director of Phys. Education
Solley Thomas	Inf.Technology	M.C.A.	Lecturer (S. S.)

The Highlights of major thrust areas of research and achievements of the college.

At Carmel College the emphasis is on multidimensional approach to education. Young women graduate with value based education, health related knowledge, social consciousness, life skills and are empowered to face challenges of day-to-day life.

The College plans and organizes various co-curricular and extracurricular activities such as debates, elocutions, orator contests, quiz competitions, fun week, excursions, camps etc.

The students are encouraged to join various clubs and schemes such as the N.S.S. and the N.C.C. to create awareness and sensitivity about issues that make the world we live in a better place. Every year the following clubs conduct various programmes with definite objectives. The environment protection club aims at creating awareness amongst students to protect and maintain the environment. The women cell takes up issues on women and organizes extension services for the local community in the form of conducting programs to less advantaged women and children of the locality. The biodiversity club which is an annex of the dept of zoology participates in research projects at the State and at National levels. This gives students an opportunity and training in scientific research.

In addition the college prides over the students mentor scheme, through which every teacher help and guides a group of students giving them individual attention with their problems in studies and personal issues. The college also has on its staff a professional counselor to whom the students and their families are referred to when need be.

F. Achievements (Rank/Merit in the University Examination/sports activities)

Ranks/Merits:

Almeida Coutinho Radhina, 3rd Rank, TYBA Examination, Apr. 2004, Goa University.

Sports Activities:

Emerged Winners in Football, Handball and Volleyball at the inter-collegiate level organized by Goa University and were Runners-up in Basketball and Tennikoit.

Won a Bronze medal in Shot Put at the Athletics meet held at Campal.

Adelia Fernandes, Karen Braz, Elaine Fernandes, Milagrin Colaco, and Frainzy Fernandes represented Goa University in Football held at Tamilnadu.

Agnes Fernandes, Trema Mascarenhas and Karen Braz represented Goa in Handball at Punjab.

Adelia Fernandes Represented Goa in Taekwando and won a bronze medals at the national level.

5.6 MES College of Arts & Commerce, Zuarinagar.

A. Year of Establishment: 1972.

B. Principal's Name and Contact Address: Dinesh A. Kamat

MES College of Arts & Commerce,
Zuarinagar, Goa.

C. List of teaching staff:

Name	Department	Qualification	Designation
D. A. Kamat	Mathematics	M.Sc., D.H.E	Principal
S. N. D. Poojary	Psychology	M.A.	Vice Principal (S. G.)
R. B. Patil	Sociology	Ph.D.	Reader
M. C. Rodrigues	Political Science	Ph.D.	Reader
B. V. Kolekar	Commerce	M.Phil.	Lecturer (S. G.)
M. L. Pednekar	Commerce	M.Com.	Lecturer
B. S. Ingalhalli	Geography	M.A., D.H.E.	Lecturer (S. G.)
Rekha Gaonkar	Economics	Ph.D.	Reader
Sandhya Bhandari	English	Ph.D.	Lecturer (S. G.)
P. A. Borgave	Director of Sports	M.A., M.P. Ed	Director of Sports
Ashok Sambhargi	Political Science	M.Phil., PG Dip G.S.	Lecturer (S. G.)
V. V. Sail	Commerce	M.Phil., D.H.E.	Lecturer (S. G.)
Champa Parab	Commerce	M.Com.	Lecturer (S. S.)

Meenakshi Bawa	Economics	M.Phil.	Lecturer (S. G.)
Cidalia Bodade	English	M.Phil.	Lecturer (S. G.)
Sonali Thorat	Commerce	M.Com.	Lecturer (S. S.)
Sanchilina Brito	Accountancy	LL.B.	Lecturer (S. S.)
Cosma Fernandes	Konkani	M.A.	Lecturer
Ashish M. Joshi	Account./ Comm.	M.Com.	Lecturer
Sonal Thakker	Sociology	M.A.	Lecturer
Vijay S. Hajare	Librarian	M.Lib.	Librarian

Part-Time Faculty

Prakash Pawar	Accountancy	F.C.A.	Lecturer
U. G. Shetye	Political Science	L.L.B.	Lecturer

The highlights of major thrust areas of research and achievements of the College.

The teacher has presented research articles in both International and National Conferences. Rekha R. Gaonkar, Head, Department of Economics presented a paper entitled "Agricultural and Environmental Stewardship" at the International conference held at Deuban, West Africa from 16th to 22nd Aug. 03.

R. B. Patil presented a research article, "Peasant Movements and Party Politics" in a All India Sociological Conference held at Maharana Pratap University of Science and Technology, Udaipur from 21st to 23rd Dec. 03.

F. Achievements (Rank/Merit in the university Examinations/Sports activities)

Rank/Merit:

	Distinctions	First Class	Pass %
Commerce	8	36	90.5%
Arts	-	2	77.3%

Sports Activities:

Badminton: College Badminton (men) Team lead by Tajesh Babu secured Runners-up Championship at the Goa University Inter-collegiate Badminton tournament.

Basket Ball: College Basket Ball (Men) Team lead by Abeesh Koshy secured runners-up championship at the Goa university inter-collegiate basketball tournament.

Goa University Athletic Meet:

Milan M. Sail bagged: i. Gold medal in 400 mts run. ii. Silver medal, in 200 mts run. iii. Bronze medal in 800 mts run

Valanka D'Souza bagged: i. Gold medal in shot put.

Representation at the Inter-university Tournaments 2003-04

- A. Santan Frazer Antao represented Goa University at the West Zone Inter University foot ball championship held at Jodhpur (Rajeshthan) from 3rd to 16th Dec. 03.
- B. The following cricketers of our College participated at the West Zone Inter University Cricket Championship held at Rajkot (Gujrat) from 22nd to 26th Dec. 03. Shetgaokar Hemant; Lamani Chandu; Parab Swapnil; Naik Rohit
- C. Pratima Parab, lead the Goa Women's Tennis Ball Cricket Team at VIIth Junior National Tennis ball cricket championship held at Kushinagar (U.P). Under her captainship Goa Women's Tennis ball cricket team won the VIIth all India Junior Natioal Championship.
- D. Chandu Lamani participated for the year 2003-04 in the following tournaments.
 - 1. Ramchandra Rao Trophy held at Vishakhapattanam from 2nd Sept. 03 to 25th Apr. 03.
 - 2. Under 19 years Gulham Ahamad Trophy held at Bangalore from 28th Sept. 03 to 22nd Oct. 03.
 - 3. M. A. Chinaswamy Cricket Trophy held at Bangalore from 02nd Dec. 03 to 10th Dec. 03.

Weight Lifting: Harichandra Salgaokar bagged silver medal at the Goa University Inter-collegiate weight lifting championship.

Power Lifting: Pravesh Bhomkar of S.Y.B.Com secured silver medal in power lifting championship at the Goa University.

Body Building: Sandesh Gosavi secured bronze medal at the Goa University body building championship.

Asad Khan of secured bronze medal at the Goa University body building championship.

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

A. Year of Establishment: 1973

B. Principal's Name and Contact Address: I. Bhanumurthy

Agali Estate Co-operative Housing Society,
Fatorda, Margao - Goa

C. List of teaching staff:

Name	Department	Qualification	Designation
I. Bhanumurthy	Commerce	Ph. D.	Principal
U. N. Pulapaka	Commerce	M.Com.	Lecturer (S.G.)
Nirmala Gopinathan	Commerce	M.Phil.	Lecturer (S.G.)
Subrahmanya K. M. Bhat	Commerce	M.Phil.	Lecturer (S.S)
Lina R. Sadekar	Commerce	M.Com.	Lecturer (S.S)
Shami R. Pai	Commerce	M.Com.	Lecturer (S.S)
Anjali Sajilal	Commerce	M.Com.	Lecturer (S.S)
S. P. Sawant Desai	Commerce	M.Com.	Lecturer (S.S)
Shilpa G. Prabhudesai	Commerce	M.Phil.	Lecturer (S.S)
Edwin B. Barreto	Commerce	M.Com.	Lecturer
Rodney D'Silva	Commerce	MMS	Lecturer
Joan Rebello	English	M.A.	Vice-Principal
Florence Rebello	English	M.A., DHE	Lecturer (S.G.)
M. E. Abranches	Maths & Stats	M.Sc.	Lecturer (S.G.)
V. G. Patil	Maths & Stats	M.Sc.	Lecturer (S.G.)
Nutan G. Nayak	Maths & Stats	M.Sc.	Lecturer
G. G. Kondli	Economics	M.A.	Lecturer (S.G.)
Lydia Menon	Economics	LL.B.	Lecturer (S.G.)
Lira Menezes Gama	Economics	M.A.	Lecturer
B. P. Sarath Chandran	Economics	M.Phil.	Lecturer
Branda Rodrigues	Economics	M.A.	Lecturer

Prita Mallya	Economics	M.Phil.	Lecturer (S.S)
Sharmila Kunde	Inform. Techno.	B.E.	Lecturer
P. P. Singh	Law	LL.M	Lecturer
S. T. Naik	Sports	B. Com.	Sports Director

B. C. A. Self Finance Course:

Name	Department	Qualification	Designation
Dimple Paul	BCA	M.C.A.	Lecturer
Kissan Gauns Dessai	BCA	M.C.A.	Lecturer
Sunil Naik	BCA	M.Sc. (Elec)	Lecturer
Praveen Volvotkar	BCA	B.E. (Comp)	Lecturer
Deepa Pujari	BCA	B.E (Comp)	Comp. Instructor
Dhiraj Nagwekar	BCA	PGDCA	Comp. Instructor

F. Achievements (Rank/Merit in the University Examination/Sports activities)

Rank/Merit:

Karen Celine Demelo, 1st Rank at University Examination (B.C.A) in Apr. 04.

S. Talwadker Santoshi Alias Rama S., 2nd Rank at University Examination (B.C.A) in Apr. 04.

Antao Neizel, 3rd Rank at University Examination (B.C.A) in Apr. 04.

Kamrunisa Jalil Mohammed, 1st Rank at University Examination (B.Com) in Apr. 04.

Fernandes Althea Flavia, 2nd Rank at University Examination (B.Com) in Apr. 04.

Sports Activities:

Sports and Games has always been the forte of this college with good performance in the games conducted by the University.

Our Students excelled in the following events of intercollegiate games of Goa University.

1. Badminton – Girls – Winners
2. Body Building – Boys – Winners

3. Football – Boys – Runners
4. Volleyball – Girls – Runners
5. Lawn Tennis – Boys – Runners

Four boys are representing the College in Goa University Cricket team. One boy represented the college in Goa University football team.

Sudhakar Naik represented the State of Goa at All India Vetniem Athletic meet at Hyderabad during 4th - 7th Mar. 04.

This year the the college added a GYM in campus. This was possible with the concerted efforts of the Sports Director and the talented boys namely Sagun, Aditya & Ryan Gomes. Ramakant Angle, Former MP, Lok Sabha inaugurated the GYM on 26th Jan 04.

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.

A. Year of Establishment: 1974

B. Principal's Name and Address: D. B. Arolkar

P. B. No. 20, Mapusa, Goa – 403 507

Ph. 0832-2268683, 2268488

C. List of teaching staff:

Name	Department	Qualifications	Designation
D. B. Arolkar	Geology	Ph.D.	Principal
S. H. Kulkarni	Commerce	M.Phil.	Lecturer (S. G.)
T. Reena Devi	Commerce	M.Com.	Lecturer (S. G.)
S. D. Patil	Commerce	M.Com.	Lecturer (S. G.)
M. R. Patil	Commerce	Ph.D.	Reader
Prashanti P. Talpankar	Commerce	M.Com.	Lecturer (S.S)
Rashmi Redkar	Commerce	M. Com.	Lecturer
Shivdatta F. Shirodkar	Commerce	M.Com.	Lecturer
Rita V. Dhukle	Accountancy	F.C.A.	Lecturer (S. G.)

Somnath P. Morajkar	Accountancy	M.Com.	Lecturer
Paresh R. Sirsat	Accountancy	F.C.A.	Lecturer
X. P. D'souza	Economics	M.A.	Lecturer (S. G.)
Anita R. Haladi	Economics	M.A.	Lecturer (S. G.)
Prashant Kadam	Economics	LL.M	Lecturer
E. J. D'Lima	English	Ph.D.	Reader
M. Shanthi	English	M.A.	Lecturer (S.S)
S. A. Diwan	Math/Statistics	M.Sc.	Lecturer (S. G.)
Smita Kunkolienkar	Math/Statistics	M.Sc.	Lecturer
Suchita Golatkar	Math/Statistics	M. Phil.	Lecturer
M. V. Varekar	History	M.A.	Lecturer
Shivaji B. Dharwadkar	Geography	M.Phil.	Lecturer (S. G.)
A. B. Mascarenhas	Physical Ed.	Ph.D.	Sports Director
Shaikh M. P. Alusmani	Physics	M.Sc.	Lecturer
Vidya G. Desai	Chemistry	Ph.D.	Lecturer
Rajesh M. Pednekar	Chemistry	M.Sc.	Lecturer
Sanjay B. Karapurkar	Comp. Science	M.C.A.	Lecturer (S. S.)
Shaila P. Nair	Com. Science	M.C.A.	Lecturer (S. S.)
Udaysing Rane	Comp. Science	M.Sc.	Lecturer
Sunoj Prakash Raicar	Electronics	M.Sc.	Lecturer (S. S.)
Sameer M. Patil	Electronics	M.Sc.	Lecturer
Abhyankar Girish Gajanan	Electronics	B.E.	Lecturer

Part -Time Faculty

Damodar V. Joshi	Accountancy	F.C.A.	Lecturer
S. J. Kamat	Accountancy	F.C.A.	Lecturer

The Highlights of Major thrust areas of research and achievements of the College.

About 20 percent of our faculty members are actively engaged in operating projects, publishing articles, case studies, research papers etc. Faculty members from the department of Commerce and Accountancy are engaged in guiding post-graduate students (M.Com. and MFS) at the department of Commerce, Goa University, Goa.

E. D. Lima, Head of the department of English, was awarded the highest degree of the University, doctorate degree in English by Goa University. The faculty member from department of Chemistry, Vidya Desai was awarded postdoctoral research fellowship by the Organisch Chemische Institut Ruprecht – Karls – Universitaet, Heidelberg, Germany.

Out of 5 projects submitted two minor Research Project have been sanctioned by UGC and ICSSR, New Delhi.

F. Achievements (Rank/Merit in the University Examinations/Sports activities)

Sports activities:

Runners Up Trophy at the Goa University Inter-Collegiate Powerlifting Championship for the 3rd consecutive year.

Reached Semifinal level in the Table-Tennis for Men, Handball for men, Hockey for men, Cricket for women, Weightlifting for men and Powerlifting for men.

Won Runners up trophy at the Goa University inter collegiate Weight -lifting championship.

Gaurish Tulaskar commanded the platoon on Republic Day at Hutatma Chowk, Mapusa.

Three of our students won Silver and Bronze medals at the State Level Boxing Championship.

Preetesh Chatim won two gold and Silver at the State Level Shooting Championship.

Harshal Mandrekar also won bronze medal at the State Level Air- Pistol Shooting Championship in the 10 metre range.

Aditya Naik represented Goa State U-19 team for the Gulham Ahmed Trophy at Bangalore.

Rajesh Bagkar won the 1st place at the State Level Chess Tournament at Margao.

Vijay Kolwalkar represented Goa University Volleyball team at the All India Inter-University Volleyball Tournament held in Pune.

Resha Rawal and Prescilla Fernandes represented the Goa University Cricket team at the Inter-University cricket tournament at Pondicherry from 1st to 15th Feb. 04.

Timraj Moghvir represented Goa University cricket team at the Inter – University Cricket Tournament at Rajkot, Gujarat.

Julia Mascarenhas represented the Goa University Hockey team at the Inter University Hockey Tournament, Tamilnadu.

Ravikiran Salgaonkar lifted the highest total weight at the championship at the Goa University Inter-Collegiate Weightlifting Championship 2003-04.

Ramchandra Sawant won the gold while Timraj Moghvir won the Silver medal in the Javelin throw event at the Goa University Athletic Meet.

G. Any other information:

a. Awards/ Honours conferred:

Our college is Accredited by NAAC with B+ Grade.

c. Any other special achievements by students/staff.

Rohan Parab attended Thal Sena Camp held at Dharwad in the month of June. He attended the Republic Day Camp – I at Sankeshwar from 3rd to 14th Oct. 03. He also attended RDC II and RDC III camp held at Bangalore in the month of November and December and was further selected for Republic Day Parade held at New Delhi on 26th Jan. 04.

D. B. Arolkar, Published a paper alongwith M.R. Patil titled "Diverse Role of Colleges in Promoting Personality Development and Competitiveness An Exloration" in University News, Vol. 42, No. 20 17th – 23rd May 04.

Shaikh Mohammed Parvez Al-usmani was unanimously elected as a member of Executive Member of Indian Association of Physics Teachers (IAPT) Goa sub-regional Council of Goa.

Vidya Desai (i) Delivered a seminar on my post-doctoral research topic, at the Hofmann Research Group Retreat, in the outskirts of Heidelberg, Germany, 03. (ii) Invited for a day at a social club of children of age group (6-14 years) to speak and Portray Indian Culture (History, Music, Food and Costumes) Heidelberg, Germany, 03. (iii) Successfully guided a German graduate student for his Vor-Diplom Organic project for a period of three months, University of Heidelberg, Germany, 03. (iv) Conducted practicals for the refresher course participants in Chemistry at Goa University. (v) Fourth Research Publication: "Intramolecular Wittig Reaction: A New Synthesis of 1H-Benzopyran-2-ones and 1 H-quinolone-2-pnes" J.Chem Research (S), 2003, 628-629. (vi) Paper entitled "Domino Primary Alcohol Oxidation-Wittig Reaction: Total Synthesis of ABT – 418 and (E)-4-Oxonon – 2- enoic acid " accepted in Synthesis, 2004 for publication.

Rajesh Pednekar, (i) Presented research paper at the National Conference "Thermans 2004" held at Baroda, Gujarat in Jan. 2004. (ii) Paper "Low Temperature Synthesis of Copper Ferrite".

E. J. D'Lima, Awarded Ph.D in English on 14th Feb. 04. Topic of research thesis: "Creative and Critical Writings of Armando Menezes".

M. R. Patil, (Papers published) Commerce curriculum in Higher Education: A Need – based Approach University News, a weekly Journal of higher Education, VOL-41 NO.49 Dec. 814, 03 AIU, New Delhi. Entrepreneurship Education and Employment: A missing Link. University News, VOL-41 No.- 8. 24th Feb. to March: 02-03 AIU, New Delhi. Cashewnut production and export in Goa: A study, Indian Journal of Agricultural marketing, Oct. – Dec. 03, Vol 17, (Summary). (Papers Presented) The paper entitled "Empirical Exploration of Co-operative Institution's Growth in Goa," at the "National Seminar on Reasserting the Co-operative movement" held as 25th and 26th Mar. 04, at the Department of Economics, Shivaji University, and Kolhapur.

Goa University has recognized as a research guide for Ph.D. degree.

Prashanti Talpalkar, (i) Acted in Hindi, Konkani celluloid film "Sood" by Damodar Arts. (ii) Research Articles published in "Bimb" Magazine – "Marital Relationship And Discord. Increasing rate of suicide: Reasons behind the same." (iii) Associate Editor of a Konkani Monthly Magazine.

Anita Halidi, (i) Presented a paper on "Child Labour – Role of Academic institutions and N.S.S. at a state Level workshop organized by Govt. College Khandola, 16th - 17th Apr. 04. (ii) Presented a paper on "Women and Social Justice" A Role the church can play at a seminar on "Church in the Evolving Society of Goa" on 4th Oct. 03 organised by XCHR, Pilar and Rachol Seminary. (iii) Involvement in drafting of the Goa Children's Act 03. (iv) Provides consultancy service to Child Right Groups.

Udaysingh V. Rane, Commissioned as Acting Sub Lieutenant Navy Wing on 26th Sept. 03 passing with "A" grade and placed 3rd at the pre-commissioned course at INS Venduruthy, Kochi.

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

A. Year of Establishment: 1986

B. Principal's Name and Contact Address: P. M. Bhende

GVM's G.G. Pai Raiturkar College of Com. & Economics, Farmagudi, Ponda-Goa

C. List of teaching staff:

Name	Department	Qualifications	Designation
P. M. Bhende	Commerce	M.Phil.	Principal
P. G. Dandin	Commerce	M.Com.	Lecturer (S.G.)
Meera Mayekar	Commerce	M.Com.	Lecturer (S.G.)
Smita S. Sanzgiri	Commerce	M.Phil.	Lecturer
Latha Bhat	Commerce	M.Com.	Lecturer
Anushree Bhandari	Commerce	M.Phil.	Lecturer
Prabhakar Rane	Commerce	M.Phil.	Lecturer
Raina Pinto	Commerce	M.Com.	Lecturer
Vedita P. Vernenkar	Commerce	M.Com.	Lecturer
Sarvesha Bhandari	Commerce	M.Com.	Lecturer
C. N. Phadte	Maths/Statistics	M.Phil.	Lecturer (S.G.)
Ana Falleiro	Maths/Statistics	M.Phil.	Lecturer (S.S.)
Vinaya Gaonkar	Comp. Science	M.Sc.	Lecturer
Namita Kamat	Comp. Science	M.Sc.	Lecturer
G. A. Borkar	Economics	M.Phil.	Lecturer (S.G.)
M. M. Chikodiikar	Economics	M.A.	Lecturer (S.G.)
Geetanjali Urankar	Economics	M.A.	Lecturer
S. S. Pereira	English	M.Phil.	Lecturer (S.G.)
R. G. Bhatt	English	M.Phil.	Lecturer (S.G.)
P. N. Maske	Politics	Ph.D.	Reader
Betty D' Silva	Phys. Education	M.P.Ed.	Director Phys. Edu.

Part-Time Faculty

Charmaine Lewis Anne	Geography	M.A.	Lecturer
S. L. Singbal	Accountancy	F.C.A	Lecturer

S. B. Dessai	Accountancy	F.C.A	Lecturer
S. P. Bhat	Accountancy	F.C.A	Lecturer
G. V. Khandeparkar	Business Law	LL.B	Lecturer

F. Achievements (Rank/Merit in the University Examination/Sports activities).

Rank/Merit:

T.Y. B.Com. April 04, 4 Distinctions & 34 first Class students.

Sports activities:

College Men Cricket Team won the Championship at All Goa Inter-Collegiate Cricket Tournament of Goa University.

Kunal Mangeshkar, F. Y. B. Com. Represented the State in the Junior National Tennis ball cricket at Bariely, U. P.

Surekha D. Sonar, F. Y. B. Com., won the Gold Medal at the Inter-collegiate Judo competition of Goa University and Bronze medal at the Open State level Judo competition. She also won the Gold Medal in Judo organized by IPPon JUDO CLUB and was selected to represent State in the Senior Nationals held at Andhra Pradesh.

Shradha Naik, F. Y. B. Com. and Degvekar Yogesh, F. Y. B.C.A. also won Bronze Medals in the open state level Judo competition Shah Adil Dawood, F.Y.B.Com. won the Gold Medal in the Inter-collegiate Boxing championship and represented the state in Senior National Boxing championship held at Bangalore.

Raul Jitesh, T. Y. B. Com. won the Gold Medal in the Inter-collegiate Swimming Competition in the Back Stroke event of Goa University.

Amit Naik, T. Y. B.Com. Represented Goa University in the Inter-University Cricket tournament.

G. Any other information:

c. Any other special achievements by the students/staff.

Rakhee Kulkarni, T. Y. B. Com., secured First prize in Elocution competition and Sagar Kulkarni and party secured first prize in Folk Dance competition for the Inter-collegiate competition organized by Zantye College, Bicholim.

At the 8th Goa Yuva Mahotsav 2003 organised by Konkani Bhasha Mandal and ala Darpan, our college bagged 2nd place for the Poster Making competition.

In CHARIZZMA 2003 organised by Carmel College, Nuvem, on 12th -13th Dec. 03, college secured third place in AD-MAD show.

College Theatre Club troupe brought laurels to the college by winning first place for Marathi play "Mankavita" at Alpha Mahakarandak Ekankika Spardha organized by Alpha T.V. Marathi at Konkan-Goa Centre. Also won second prize for the same Marathi play "Mankavita" at the Inter-collegiate one Act Play competition organized by Kala Academy, Panaji.

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

A. Year of Establishment: 1986

B. Principal's Name and Contact Address: A. S. Dinge,

Narvekar Villa,

Miramar, Panaji – Goa

Ph. No. 2465426/5641449

C. List of teaching staff:

Name	Department	Qualifications	Designation
Anil S. Dinge	Chemistry	Ph.D.	Principal
Vaishali S. Samant	Mathematics	M.Phil.	Vice-Principal
Pradeepesh Bhattacharya	Botany	Ph. D.	Lecturer (S.G.)
Susan Marcos	Zoology	M.Sc.	Lecturer (S.G.)
Ramchandra G. Shetkar	Chemistry	M.Sc.	Lecturer (S.G.)
Kasturi N. Desai	Botany	Ph.D.	Reader
Vidhya V. Prabhudesai	Marathi	Ph.D.	Reader
Vishwanath D. Vaze	Chemistry	M.Sc.	Lecturer (S.S.)
Dinkar M. Desai	Phy.Education	M.P.Ed.	Dir. Phys. Ed. (S.S.)
Anantkumar V. Deshpande	Zoology	Ph.D.	Lecturer (S.G)

Milind N. Kulkarni	Mathematics	M.Sc.	Lecturer (S.G.)
Subhash H. Bhosale	Zoology	Ph.D.	Reader
Bhiva L. Malik	Chemistry	Ph.D.	Reader
Seema V. Kamat	Botany	M.Sc.	Lecturer (S.G.)
Shrinivas D. Gokakakar	Chemistry	M.Sc.	Lecturer (S.S.)
Gurunath P. P. Khanolkar	Zoology	M.Sc.	Lecturer (S.G.)
Badruddin	Pol. Science	Ph.D.	Reader
Anil V. Bhandiwad	Economics	M.Phil.	Lecturer (S.G.)
Girish V. S. Kundaikar	Physics	M.Phil.	Lecturer (S.G.)
Kamaladevi R. Kunkolienkar	Philosophy	Ph.D.	Reader
Varsha V. Kamat	History	Ph.D.	Reader
Anita S. Tilve Manekar	Chemistry	Ph.D.	Reader
Anjali M. Rao	Philosophy	Ph.D.	Lecturer (S.G.)
Sunita R. Borkar	Microbiology	Ph.D.	Lecturer (S.G.)
V. J. Pissurlekar	Chemistry	M.Sc.	Lecturer (S.S.)
Satish H. P. Keluskar	Physics	M.Phil.	Lecturer (S.G.)
Padmaja V. Kamat	History	M.A.	Lecturer (S.S.)
J. G. R. Monteiro	Economics	M.A.	Lecturer (S.G.)
Caroline F. E. Fernandes	Microbiology	M.Sc.	Lecturer
Anuradha B. Kanolkar	Chemistry	M.Sc.	Lecturer
Mandakini V. Rane	Physics	M.Phil.	Lecturer (S.G.)
Deepak R. Chhatre	Marathi	M.A.	Lecturer
Bhushan V. Bhave	Konkani	M.A.	Lecturer (S.G.)
Harsha P. Uskaikar	Chemistry	Ph.D.	Lecturer
Flavia Nobre	Psychology	M.A.	Lecturer
Virendra S. Dangi	Chemistry	M.Sc.	Lecturer

Bhagyashri L. Halarnkar	Botany	M.Sc.	Lecturer
Deepa C. Fernandes	Zoology	M.Sc.	Lecturer
Lynette Fernandes	Botany	M.Sc.	Lecturer
Ranjita U. Sawaikar	Botany	M.Sc.	Lecturer
Teja A. Gramopadhye	Zoology	M.Sc.	Lecturer
Priya U. Sabnis	Psychology	M.A.	Lecturer
Mita N. Amonkar	Mathematics	M.Phil	Lecturer
Deeparani K. Prabhu	Zoology	M.Sc.	Lecturer
Brenda Barreto F. Souza	Chemistry	M.Sc.	Lecturer
Sandeep S. Lotlikar	Hindi	M.Phil	Lecturer
Jasmine Kurian	English	M.A.	Lecturer
Vaijayanti V. Garge	Library	M.A., B.Lib.Sc.	Librarian (S.S)
Rane Aditi Mahesh	Pol.Science	M.A.	Lecturer

Part-Time Faculty

Uma J. Priolkar	Hindi	M.A.	Lecturer
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4.11 Naval Academy, I N S Mandovi, Verem-Goa.

- A. Year of Establishment: 1987
- B. Principal Name and Contact Address: Commander A. K. Paluskar
Naval Academy, INS Mandovi.
Phone: 2402761/2, Fax: 0832 – 2402763
Email: academy-goa@sancharnet.in

C. List of teaching staff:

Name	Department	Qualification	Designation
A. K. Paluskar	Principal	M.Sc.	Principal
Ashok Kumar	MET & OCE	M.Sc.	HOF
Ben H Berson	Physics	M.Tech	HOF
Anil Khemani	Physics	B.E.	Instructor
Pramila Rani	Physics	B.E.	Instructor
Sujatha S.	Physics	B.E.	Instructor

Nidhi Sharma	Physics	M.Sc.	Instructor
Manisha Ghatge	Physics	B.E.	Instructor
Slt A R K Desai	Physics	M.Sc.	Instructor
Cdr P J Singh	Math	M.Sc.	Head of Faculty
Monika Pande	Maths	M.Sc.	Instructor
Sanjay S. Pai	Inform. Tech.	B.E.	Head of Faculty
Dinesh Nayar	Inform. Tech.	B.E.	Instructor
Shruti Dhawan	Chemistry	M.Sc.	Head of Faculty
Tamal Guha	English	M.A.	Head of Faculty
Y. B. Fadte	Engineering Drawing	Dip. In Ship Building Engineering	Instructor

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

- A. Year of Establishment: August 1987
- B. Principal Name and Contact Address: Laximan G. Naik
C.E.S. College of Arts and Commerce,
Cuncolim-Goa.
- C. List of teaching staff:

Name	Department	Qualification	Designation
Laximan G. Naik	Commerce	LL.B.	Acting Principal
Savita S. Nadkarni	Accountancy	M.Phil.	Lecturer (S.G.)
Argemiro Rodrigues	Accountancy	M.Com.	Lecturer
Apoorva A. Marathe	Economics	M.A.	Lecturer (S.G.)
Avinash V. Raikar	Economics	M.A.	Lecturer (S.G.)
Sarala V. Katageri	Pol. Science	Ph.D.	Lecturer (S.G.)
Teja M. N. Gaunencar	Pol. Science	M.A.	Lecturer
Anand S. Dessai	Mathematics	M.Sc.	Lecturer (S.S.)
Chatura R. S. Sancordenkar	Hindi	M.A.	Lecturer
Prakash R. Morakar	Geography	M.Phil.	Lecturer (S.S.)
Maria Fatima M. e Martins	English	M.Phil.	Lecturer
Socorina E. D'Cunha	Sociology	M.A.	Lecturer
Ramlal S. Vernekar	-	M.P.Ed.	Director of P.Ed.
Gaus Khan Usman Khan		M.LIB.	Librarian

E. Ph.D. degree conferred during June 2003 to May 2004.

Name of Candidate	Name of Guide	Title of Thesis	Subject
Sarala V. Katageri	A.T. Kittur	Working of Panchayat Raj Institution in Goa with special Reference to South Goa District	Political Science

F. Achievements (Rank/Merit in the University Examination/Sports activities)

Sports Activities:

Kabaddi (Men) Winners

Kho-Kho (Men) Winners

Independence Day run 3rd place

Power Lifting Bronze medal in below 52 kg weight category

Inter University Football - Milton Fernandes

Inter university Kho-Kho: Uday Velip (Captain); Ulhas Gaonkar; Sunil Gaonkar; Sandeep Gaonkar; Mahesh Velip; Ganesh Velip; Rajendra Velip; Sandeep R. Gaonkar

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

A. Year of Establishment: 1988

B. Principal's Name and Contact Address: Jonh B. Fernandes
Govt. College of Arts, Sc. & Com., Sanquelim.
Ph. No. (0832) 2364271 Fax No: (0832) 2364271
Email: govcol@sancharnet.in

C. List of teaching staff:

Name	Department	Qualifications	Designation
Jonh B. Fernandes	Chemistry	Ph.D.	Principal
J. P. P. Pacheco	Chemistry	Ph.D.	Lecturer (S.S.)
Ashok Chodankar	Chemistry	M.Sc.	Lecturer (S.S.)
Joydeep Bhattacharjee	Chemistry	Ph.D.	Lecturer (S.S.)
Rosaline Pereira	Chemistry	M.Sc.	Lecturer
Purnakala Samant	Chemistry	Ph.D.	Lecturer
Varsha Sail	Chemistry	M.Sc.	Lecturer
Jyoti Sawant	Chemistry	M.Sc.	Lecturer
Gervasio Mendes	Economics	Ph.D.	Lecturer (S.S.)
Agnela Dias	Economics	M.A.	Lecturer
Shilpa Satoskar	Economics	M.A., D.A.M.	Lecturer
R. K. Tari	Botany	M.Sc.	Lecturer (S.S.)
Chandrashekar Rao	Commerce	M.Com.	Lecturer (S.S.)
Mahendra Ghosarwadkar	Commerce	M.Com.	Lecturer (S.S.)
Radhamani Divakar	Commerce	M.Com.	Lecturer
Vanita Patil	Commerce	M.Com.	Lecturer
Manda Parab	Commerce	M.Com.	Lecturer
Prashant Bhonsle	Commerce	M.Com.	Lecturer
Lucy James	English	M.A.	Lecturer (S. S)
Sharat Jamkhandi	English	M.A.	Lecturer
K. R. Badiger	Geography	Ph.D.	Lecturer (S.S.)
Anil Karambelkar	Geology	M.Sc.	Lecturer (S.S.)
Nilesh Natekar	Comp.Science	B. E.	Lecturer
Avinash Patil	Comp.Science	B. E.	Lecturer
Shubha Kamat	Comp.Science	B. E.	Lecturer

Bharathi Pathak	Comp.Science	B.E.	Lecturer
Shubhada Joshi	Hindi	Ph.D.	Lecturer (S.S.)
Sunita Kanekar	Konkani	M.A.	Lecturer (S.S.)
Sneha Mahambre	Marathi	M.Phil	Lecturer (S.S)
Deepak Bandiwadkar	Mathematics	M.Sc.	Lecturer (S.S) (Vice Principal)
Santosh George	Mathematics	Ph.D.	Lecturer
Norma Rebello	Phil. /F.C.	Ph.D.	Lecturer (S.S)
N. B. Bhat	Physics	M. Phil	Lecturer (S.S)
Sanjay Jahagirdar	Physics	M. Phil	Lecturer (S.S)
Mahendra Pednekar	Physics	M.Sc.	Lecturer
Aga D. A.	Physics	M. Phil	Lecturer
Sayed Abdullah	Pol. Science	M. Phil	Lecturer (S.S.)
K. S. Muralidhar	Zoology	Ph.D.	Lecturer (S.S.)
Preethi Pednekar	Zoology	M.Sc.	Lecturer
Vaibhav Chindarkar	Zoology	M.Sc.	Lecturer
K. K. Bable	Phy. Education	M.P.Ed.	Director P. E.
Usha Bhende	History	Ph.D.	Lecturer (S.S.)

F. Achievements (Rank/Merit in the University Examination/Sports activities)

Sports Activities:

The following students represented Goa University's teams, which took part in the inter-University competitions.

Sanam Natekar (S.Y.B.Com) – Football Team

Sagar Dhawaskar (S.Y.B.Sc.) – Volley ball

Nisha Khot (F.Y.B.A.) – Cricket Team

Surang Gawas (S.Y.B.Com) – Cricket.

Nisha Khot represented Goa.

State's Women's Rural Sports Team in Volleyball at Pondicherry.

Sanvio D'Silva (F.Y.B.Com) won bronze medal in Judo at the State Level competition organised by Goa Judo Association.

G. Any other information:

(b) Fellowship/Visiting Professorship, etc.

K. R. Badiger, during the 2nd semester was a visiting lecturer, in the Post-Graduate Department of Geography of Smt. Parvatibai Chowgule College, Margao.

(c) Any other special achievement by students/staff.

Students' Parliament, College took part in the inter-collegiate Students' Parliament Competition organised by Legislature Department of Govt. of Goa at Goa Assembly Complex, Porvorim, in which twelve Colleges participated. Our team bagged the 1st prize. Our College team co-ordinator, Sayyed Abdullah was adjudged as the best co-ordinator, Sugandha Pal as the best Parliamentarian, and Akshaya Rane as the best Opposition Leader.

At the request of the Speaker of Goa Assembly, our College team repeated the performance at Rajiv Kala Mandir, Ponda on 11th Feb. 04.

N.C.C.: Girls' N.C.C. unit has been established. The cadets attended a ten-day State level camp at Fatorda.

5.14 Goa College of Home Science, Campal, Panaji.

A. Year of Establishment: 1988

B. Principal's Name and Contact Address: Rajal K. Shinkre,

Goa College of Home Science,

Dayanand Bandodkar Road, Campal, Panaji-Goa.

C. List of teaching staff:

Name	Department	Qualifications	Designation
Rajal K. Shinkre	Goa College of Home Science	M.Sc.	Principal
Daisy John	Goa College of Home Science	Ph.D.	Lecturer

Ranju Kunkalikal	Goa College of Home Science	M.Sc.	Lecturer
Rita Godinho	Goa College of Home Science	M.Sc.	Lecturer
Charlotte Facho	Goa College of Home Science	M.Sc.	Lecturer

Part-Time Faculty

Mitzi Fernandes	Goa College of Home Science	M.Sc.	Contract Lecturer
Varsha Naik	Goa College of Home Science	M.Sc.	Contract Lecturer
Sheryl Afonso	Goa College of Home Science	M.Sc.	Contract Lecturer
Alda Proenca	Goa College of Home Science	M.Sc.	Contract Lecturer
Cyena Pegado	Goa College of Home Science	M.Sc.	Lecture basis

F. Achievements (Rank/Merit in the University Examinations/sports activities)

Rank/Merit:

Nadisha Coelho passed F.Y.B. Sc (Home Science) securing first class with distinction.

Minelly Rodrigues passed S.Y. B. Sc. (Home Science) securing first class with distinction.

Ranzila Shelana Ferrao stood first in T.Y. B. Sc. (Home Science) examination among 31 students.

G. Any other information:

(c) Any other special achievement by students/staff:

Our students organized a function for the children of Peace Haven School on the Children's Day Celebration and served snacks prepared by them. T.Y. Students of Foods and Nutrition standardized traditional goan delicacies and printed a brochure titled " Nutritive Value of Traditional Goan Delicacies". They also displayed traditional goan delicacies at Goa Heritage Festival on 29th Nov. 03.

Students participated in Career Information Fair organized by Rotary Club of Vasco-da-Gama to create awareness about Home Science.

Inclusion of our institute under CIIILP:

The CIIILP is a shining example of friendly bilateral relations between India and Canada in the field of technical and higher education so as to make technical and higher education dynamic and more responsive to the changing socio-economic environment, thus creating a technically advanced work force to match the pace of development. The Goa

College of Home Science, though a non-technical institute taken immense pride in being associated with this innovative project.

Varsha Naik, Lecturer in Foods and Nutrition was awarded the first place for poster presentation titled 'Fermented Foods, Health Status and Social Well Being at the International Seminar jointly organized by Lund University, Sweden and SMC College of Dairy Science, Gujarat Agricultural University, Anand, India.

Japanese students under the study India Programme of Goa University visited our college on 11th Feb. 04 and the institute extended gracious hospitality to the team by serving an Indian lunch and performing a short cultural programme, which was highly appreciated by the Japanese students.

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

A. Year of Establishment: 1989

B. Principal's Name and Contact Address: M. M. Sangodkar,

Govt. College of Arts, Science and Commerce,
Khandola, Marcela-Goa, Ph.No. 2287718

C. List of teaching staff:

Name	Department	Qualification	Designation
M. M. Sangodkar	Political Science	Ph.D.	Principal
Sujata Gaonkar	Computer Science	M.C.A.	Lecturer
Anita Raikar	Computer Science	M.Sc.	Lecturer
Ana B. Gracy Fernandes	Computer Science	B.E.	Lecturer
Rajeshree Joshi	Computer Science	B.E.	Lecturer
Govind Kelkar	Computer Science	M.C.A.	Lecturer
Jivexa Bhattacharjee	Chemistry	Ph.D.	Lecturer (S.S.)

S. M. Gurav	Chemistry	Ph.D.	Lecturer (S.S.)
Jennifer Almeida	Chemistry	M.Sc.	Lecturer
Dilecta D'Costa	Microbiology	M.Sc.	Lecturer
Marina Albuquerque	Microbiology	M.Sc.	Lecturer
Jaison Joseph	Physics	M.Sc.	Lecturer (S.S.)
Prashant Chodankar	Physics	M.Sc.	Lecturer (S.S.)
Lucas Miranda	Mathematics	M.Phil.	Lecturer (S.S.)
Varada A. Kalas	Mathematics	M.Phil.	Lecturer
Seema P. Rath	Economics	Ph.D.	Lecturer (S.S.)
Christina D'Souza	Economics	M.A.	Lecturer (S.S.)
Mahesh Pai	Psychology	Ph.D.	Lecturer (S.S.)
Prabir K. Rath	Geography	Ph.D.	Lecturer (S.S.)
Pravina Kerkar	Geography	M.A.	Lecturer
Fatima D'Souza	Commerce	LL.B	Lecturer (S.S.)
S. V. Sukhthankar	Commerce	MBA.	Lecturer (S.S.)
Nilesh Borde	Commerce	M.Com.	Lecturer
Isabel Dennis	English	Ph.D.	Lecturer (S.S.)
Anita S. Kumar	English	M.A.	Lecturer (S.S.)
Asha B. Gahaloth	Hindi	M.A.	Lecturer
Prakash Vazrikar	Konkani	M.A.	Lecturer (S.S.)
Sunetra Calangutkar	Marathi	M.A.	Lecturer
T. S. Dey	Sports	Ph.D.	Director of P.E.
Anandan Mastan	Library	M.L.I.Sc.	Librarian

F. Achievements (Rank/Merit in the University Examination/Sports activities).

Rank/Merit:

The College received excellent results at the Goa University examination for the year 2003-2004.

T.Y.B.A. 93%; T.Y.B.Com. 91%; T.Y.B.Sc. 100%

Sports activities:

Women Judo Team, Championship in the Inter-Collegiate Judo Competition:

Medal Tally: Gold - 1, Silver - 2, Bronze - 3

Men's Judo Team, Championship in the Inter-Collegiate Judo Competition:

Medal Tally: Silver - 1; Bronze - 1

4th place in the Inter- Collegiate Cycling Championship.

Runner's up in the State Collegiate Boxing Competition organized by Goa Boxing Association:

Medals Tally: Gold - 2, Silver - 2

Kabaddi (Women) team Championship in the Inter-Collegiate Competition.

Basket Ball (Women) & Hockey (Women) teams reached semifinal in the Inter-Collegiate Competition.

Individual Championship in the Inter-Collegiate Athletics Competition in men category:

Medals Tally: Gold - 4, Silver - 1, Bronze - 2.

Pandharinath Shirodkar, S.Y.B.Com student won Bronze medal at the International Boxing Competition organized by Goa Boxing Association.

G. Any other information.

(a) Awards/Honors conferred.

Praksh Vazrikar, Lecturer, Department of Konkani won the 1st prize in literature for his drama on "Antar Manacho Saad" organized by Kala Academy.

5.16 Government College of Arts, Science & Commerce, Quepem.

A. Year of Establishment: 1989

B. Principal's Name & Address: B. A. Gomes

Government College of Arts, Science & Commerce

Quepem, Goa – 403 705 Phones: 2662342 (Off.)
Fax: 2664239, E-mail: gcascq@rediffmail.com.

C. List of teaching staff:

Name	Department	Qualification	Designation
B. A. Gomes	Economics	Ph.D.	Principal
S. N. Patil	Geography	M.A.	Lecturer
Sushila Mendes	History	M.A.	Vice-Principal
Vidya R. Dalvi	Commerce	M.Com.	Lecturer
Asha A. Mangutkar	Marathi	M.Phil.	Lecturer
Rajan Mathew	Phys. Education	Ph.D.	Director P.E.
Renji George Amballoor	Economics	Ph.D.	Lecturer
Bharati Parab	Hindi	M.Phil.	Lecturer
Anthony Sathish	Commerce	Ph.D.	Lecturer
Miguel A. B. P. C. Martins	Mathematics	M.Sc.	Lecturer
Brijpal Singh Gahloth	Hindi	Ph.D.	Lecturer
Purva Hegde Dessai	Commerce	C.A.	Lecturer
Seema P. Salgaonkar	Political Science	Ph.D.	Lecturer
Shirish D. Kamat	Physics	M.Sc.	Lecturer
Ashok D. Mangutkar	Marathi	M.A.	Lecturer
Constancio Fernandes	Political Science	M.A.	Lecturer
Maria Lia Bernadette Gomes	Sociology	Ph.D.	Lecturer
Elizabeth Henriques	Economics	M.A.	Lecturer
Narayan Bhandodkar	Physics	M.Sc.	Lecturer
Rajender Rao Kulkarni	Zoology	Ph.D.	Lecturer
Elhrich D. Barreto	Mathematics	M.Sc.	Lecturer
Remy Dias	History	M.A.	Lecturer
Beena K. Vernekar	Chemistry	Ph.D.	Lecturer

Maria J. Menezes	Chemistry	M.Sc.	Lecturer
Sheena Paul	Zoology	M.Sc.	Lecturer
Juliana Silveira e D'Souza	Zoology	M.Sc.	Lecturer
Cleopha A. Lobo e D'Souza	Geography	M.A.	Lecturer
Reyna Sequeira	Sociology	M.A.	Lecturer
Mehtab J. Bukhari	Botany	Ph.D.	Lecturer
Celly Quadros e Coutinho	Botany	M.Sc.	Lecturer
Rita N. Sharma	Zoology	M.Phil.	Lecturer
P. S. Deepa	English	M. Phil.	Lecturer
Sarita P. Usgaonkar	Commerce	M.Com.	Lecturer
Sandesh B. Dessai	Library	B. Lib.	Librarian
Onkar L. Ainapur	Comp. Science	M.Sc.	Lecturer
Olivia E. Soares	Comp. Science	B.E.	Lecturer
Parasharam A. Patil	Commerce	M.Com.	Lecturer
Rajay Pawar	Konkani	M.A.	Lecturer
Jovita V. D'Costa	Botany	Ph.D.	Lecturer
Filipe A. Rodrigues	Comp. Science	B.E.	Lecturer
Annie D'Souza e Gomes	Botany	M.Sc.	Lecturer
Liana Maria I. Dacosta	Comp. Science	M.C.A.	Lecturer
Anita S. Kumar	English	M.A.	Lecturer
Josephine Dias	Geography	M.A.	Lecturer

E. Ph.D. degree conferred during June 2003 to May 2004.

Name of Candidate	Name of Guide	Title of Thesis	Subject
Rajan Mathew	S. Mukerjee	"Effects of Physical Education Programme on Health related Fitness Variables"	Physical Education

Mehtab J. Bukhari	B. F. Rodrigues	"Arbuscular mycorrhizal (AM) fungal diversity of degraded iron ore mine waste lands of Goa"	Botany
R. Sathish	Y. V. Reddy	"Corporate Disclosure practices – An Empirical Study"	Commerce

F. Achievements (Rank/Merit in the University Examinations/Sports activities)

Rank/Merit:

Meritorious Result in the University Examinations (2003 – 2004)

T.Y.B. Com - 100%; T.Y.B. A. - 98%; T.Y.B. Sc. - 94.59%

Sports activities:

Winners at the Goa University Judo Championship (Men).

Winners at the Goa University Cross Country championship (Women).

Runners-up at the Goa University Judo Championship (Women).

Runners-up at the Goa University Kho-Kho tournament (Women).

Two Gold, Five Silver and Six Bronze Medals at the Goa University Athletic Championship (Men & Women).

One Gold, Five Silver and Four Bronze Medals at the Goa Amateur Athletic Championship (Men & Women).

One Gold, One Silver and Two Bronze Medals at the Goa University Weight Lifting & Body Building Championship (Men).

Three Gold and Four Bronze Medals at the Goa University Judo Championship (Men & Women).
Meena Vaz bagged the individual Gold Medal at the Goa University Cross-Country Championship (Women).

Manoj Malik was declared the "Iron Man" of Goa University at the Inter- Collegiate Athletic Championship held at Goa University Campus.

Campus Sports Activities, 2003 – 2004

Inter-Class

1) Tournaments Organised (For Men and Women):

Table Tennis; Chess; Badminton; Cross Country Race; Football; Carrom; Volleyball; Cricket; Annual Sports and Athletic Meet.

Extra Mural Sports Activities,

Participation in Inter – College tournaments for Men and Women:

Badminton tournament; Table Tennis Tournament; Judo Championship; Chess Tournament; Cross Country Championship; Weight Lifting Championship (Men); Power Lifting Championship (Men); All Goa Chess Tournament; Football Tournament; Cycling Championship, (Men); Goan Amateur Athletic Championship; Kho-Kho Tournament; Athletic Championship; Volleyball Tournament; Hockey Tournament (Men); Cricket Tournament (Men).

G. Any other Information:

b. Fellowship/Visiting Professorship. etc.:

A. Sathish, Visiting Faculty for M. Com. at Goa University, from June-Nov. 03.

c. Any other special achievement by students/staff.

B. A. Gomes was a Member/Member Coordinator of the NAAC Peer Teams at: (a) Mangalore (01 College) July 03. (b) Mumbai (02 Colleges) Dec. 03. (c) Pondicherry (01 College) Feb. 04.

Appointed by the State Government in the Committee for NAAC exercise

Also a Resource Person for various Seminars/Workshops/Academic Staff College. Member of the Committee on UGC's Restructured Syllabi.

- Released the first Volume of "SHOD". A journal of Inter – Disciplinary encounters where in lecturers contributed research articles.

The College Goa had an exciting and eventful period with the launch of a multitude of new initiatives and improving upon the existing ones, for the academic year 03-04. The crowning glory was that the College was assessed and accredited by NAAC with 'B+' grade. The College also worked for and received recognition under section 2 (f) for Science and under section 12(B) of the UGC Act, 1956.

Vidya Shikerkar, T.Y.B.A. (i) Stood first in the 'All Goa Poetry Competition (Marathi)' organized by Pragati Vichar Manch, Ponda. (ii) Secured the first place in the "All Goa Poetry Competition" organized by Damodar College, Margao.

Santoshi Dalal, S.Y.B.A. won the third place at "Gomtem Goem Gaita" at the 3rd All Goa Konkani Songs Singing Competition at Fatima Convent, Margao.

Sweta Fernandes, S.Y.B.A. won third place at the Elocution Competition organized by Travel and Tourism Corporation of India, Panaji.

Sgt. Samir Kankonkar & Sgt. Chacko Varghese attended All India National Integration Camp held at Cherthala, (Kerala), from 20th to 31st Dec. 03.

Meena Vaz, Edna Vaz of S.Y.B.A. and Josephine Fernandes of F.Y.B. Com. class represented Goa University at the All India Inter-University Football Championship from 1st to 11th Jan. 04 at Tirunelveli (Tamil Nadu).

National Representation In Sports

Rupesh Gaonkar representd Goa University for the West-zone Inter-University Hockey Tournament held at Jaipur (Rajasthan). He also represented Goa State for the Junior Hockey Nationals held at Raipur (Chattisgarh).

Krishna Dessai represented Goa University for the West-Zone Inter University Volleyball Tournament held in Pune (Maharashtra).

Mithila Naik represented Goa University at the 32nd Junior National and Inter-State Carrom Championship held at Alibag, District Raigad, (Maharashtra). She also represented at the 33rd Senior Nationals and Inter-State Carrom Championship held at Goa.

Edna Vaz, Meena Vaz, and Josephina Fernandes represented Goa University for the All-India Inter-University Football Championship held at Tirunelveli (Tamil Nadu).

5.17 Rosary College of Commerce & Arts, Navelim, Salcete.

A. Year of Establishment: 1990

B. Principal's Name and Contact Address: (Fr.) Walter de Sa

Rosary College of Commerce & Arts

Navelim, Salcete - Goa 403 707

C. List of teaching staff:

Name	Department	Qualifications	Designation
(Fr.) Walter De Sa	Sociology	Ph.D.	Principal
Savio P. Falleiro	Economics	M.A.	Vice-Principal
Neeta Mazumdar	Mathematics	M. Phil	Lecturer (S.G.)
Anna Rodrigues	English	M.A.	Lecturer (S.S.)
Smita Naik Fernandes	Geography	MA.	Lecturer (S.S.)
Filip Rodrigues e Melo	Commerce	M.Com.	Lecturer (S.S.)
Bhalchandra Gaonkar	Konkani	M.A.	Lecturer (S.S.)

Francis X. Lobo	Phys. Education	Ph.D.	Lecturer (S.S.)
Afonso Botelho	Sociology	M.A.	Lecturer (S.S.)
Priya Carvalho Viegas	English	M.A.	Lecturer (S.S.)
Maria Tanya Marchon	Psychology	LL.B.	Lecturer (S.S.)
Rita Braganza	History	Ph.D.	Lecturer
Helic Barretto	Commerce	M.Com.	Lecturer
Sonia Fernandes Vaz	Economics	M.A.	Lecturer
Jim Barreto	Commerce	M. Phil.	Lecturer (S.S.)
Alison Quadros	History	M.A.	Lecturer
Juao C. Costa	Commerce	M.Com.	Lecturer (S.S.)
Charmaine D'Souza	Commerce	M.Com.	Lecturer
Precy Fernandes e Coutinho	Comp. Science	M.C.A.	Lecturer
Eulalia Fernandes	Psychology	M.A.	Lecturer
Audrey Fernandes	English	M.A.	Lecturer
Purva Talaulikar	Comp. Science	B.E.	Lecturer
Elizabeth Fernandes	Comp. Science	B.E.	Lecturer
Avita Gonsalves	Comp. Science	B.E.	Lecturer
Sulaksha Prabhudessai	Bus. Management	M.B.A.	Lecturer
Anisha Mascarenhas	Bus. Management	M.B.A.	Lecturer
Nivette de Sa	Bus. Management	M.B.A.	Lecturer
Remy B. Furtado	Computer Science	M.C.A.	Lecturer

Part-Time Faculty

Robert Fernandes	Commerce	C.A.	Lecturer
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E. Ph.D. degree conferred during June 2003 to May 2004.

Christopher Gomes	4 x 400 mts. relay 3 rd place
Russel Monteiro	4 x 400 mts. relay 3 rd place
Subodh Kesarkar	4 x 400 mts. relay 3 rd place
Clemax Pereira	5000 mts. 1 st place
	10,000 mts. 2 nd place
	20 km. Walk 3 rd place
	4 x 400 mts. Relay 3 rd place

Maria Perpetual Pires, Angelique Almeida, Chandraprabha Patil, Carmen Rebello represented Goa State in Handball.

Vicky Fernandes, Allan Pires, Estanislau Coutinho and in Hockey Jaffer Sadique represented Goa University in Football.

5.18 Saraswat Vidyalaya Society's College of Commerce and Mgt. Studies, Mapusa-Goa.

A. Year of Establishment: 1991

B. Principal Name & Contact Address: Dhirendra M. Deshpande

S.V.S' College of Commerce & Mgt. Studies

Telang Nagar, Khorlim, Mapusa - Goa.

C. List of teaching staff:

Name	Department	Qualification	Designation
D. M. Deshpande	-	M.Phil.	Principal
Sukhaji Naik	Accountancy	LL.B.	Lecturer (S.S.)
Jayesh Churi	Sports	M.P.Ed.	Director of Phys. Ed.
Santosh Patkar	Commerce	LL.B.	Lecturer (S.S.)
Smita Shrivastava	Management	MMS	Lecturer (S.S.)
Sterol J. Godinho	Management	M.Com.	Lecturer
Sharmila Borkar	Economics	M.A.	Lecturer (S.S)

Prakash Tamhankar	Maths & Stat.	M.Sc.	Lecturer
Devi P. S.	Economics	M.A	Lecturer

Part Time-Faculty

Henriques D'souza	Economics	M. A.	Lecturer (S.S.)
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F. Achievements (Rank/Merit in the University Examination/Sports activities)

Sports activities:

Runners up in Inter Collegiate Athletics & Judo. Also won the Inter-Collegiate Weight Lifting Championship.

Dattaraj M. Aarondekar represented Goa Tennis Ball cricket team and won gold medal. Meghal V. Pednekar, Mukti Arolkar and Punam P. Naik represented the Inter-University womens cricket team. Rajesh N. Kakatkar and Gaurang S. Dhuri represented the Inter varsity cricket team. Swapnil A. Asnodkar – captain of Goa Ranaji team was selected in the south zone cricket team. Ashwini Chodankar and Deepa Bhonsle represented Goa Women's cricket team at Nationals.

G. Any other Information:

(b) Fellowship/Visiting Professorship, etc.

Sharmila Borkar, Economics Department has bagged ICSSR fellowship and is currently pursuing her Doctoral studies on the subject of Health care in Goa at CMDR Dharwad.

(c) Any other special achievements by students/staff.

D. M. Deshpande, (i) Was invited as a Panel Member for discussion at the state level seminar on "Consumer Protection & Welfare under W.T.O. Regime" organised by Govt. College, Sanquelim on 27th Mar. 04. (ii) Appointed as the Vice-Chancellor's nominee on the committee for selection of lecturers in central zone colleges for a period of one year. (iii) He completed his tenure of three years as member of University Unfair Means Committee. (iv) Presented a paper on "Globalisation of Higher Education at the Indo-Canadian Meet at Goa University. (v) Attended All India College Principal's conference organised by ICFAI at Ooty in May 04.

Jayesh Churi, (i) Accompanied the team (athletes from Goa) as Coach for 1st National Inter-District Athletic Meet at Haridwar from 11th to 21st Nov. 03. (ii) As Chief Judge for track at Campal ground for the XIIth All India Forest Sports meet 2004 from 10th to 14th Feb. 04 (National Level Games).

Santosh Patkar, (i) Participated & presented a paper on 'Diversified Financial Services in Banking in India – A case study of India in the One day State Level Seminar on " Changing Dimensions of the Banking System in India ", on 26th Aug. 03 at Mallikarjun College, Canacona. (ii) Participated and presented paper in the 17th Annual Conference of Indian Society of Agricultural Marketing held from 5th to 7th Feb. 04 at Hyderabad.

5.19 Fr. Agnel College of Arts and Commerce, Pilar - Goa.

A. Year of Establishment: 1991

B. Principal's Name and Contact Address: Fr. Fredrick Rodrigues

Fr. Agnel College of Arts & Commerce,
Pilar- Goa 403 203

C. List of teaching staff:

Name	Department	Qualification	Designation
Fr. Fredrick Rodrigues	Sociology	M.A.	Offg. Principal
Biula V. Pereira	Sociology	M.A.	Lecturer (S.S.)
Mario D'Soza	Economics	M.Phil	Lecturer (S.G.)
Roy Gomes	Economics	M.A.	Lecturer (S.S.)
Mini Gangadharan	Economics	M.A.	Lecturer (S.S.)
Soraya Rebelo	History	M.A.	Lecturer (S.S.)
Angela Dias	Pol. Science	M.A.	Lecturer
Rajashree Sail	Konkani	M.A.	Lecturer
Santosh Chyari	Hindi	M.A.	Lecturer
Cajetan Fernandes	English	M.A.	Lecturer
Loren Diniz	Mathematics	M.Sc.	Lecturer
Hazel Colaco	Commerce	M.Com.	Lecturer
Regi George	Commerce	M.Com.	Lecturer (S.S.)
Anthony Rodrigues	Commerce	Ph.D.	Lecturer (S.S.)
Anthony D'Souza	Commerce	M.Com.	Lecturer
Reshma Chandrasen Matta	Commerce	M. Phil	Lecturer

Angelina Pimenta	I. T.	M.C.A.	Lecturer
Milind Mhamal	Library	M.Lib.	Librarian
Agnelo Dais	Phys. Education	M.P.E.D.	Lecturer

E. Ph.D. degree conferred during June 2003 to May 2004.

Name of Candidate	Name of Guide	Title of Thesis	Subject
Anthony P. Rodrigues	B. Ramesh	Accounting & Financial Practice of Small Scale Industries in Goa.	Commerce

F. Achievements (Rank/Merit in the University Examination/Sports activities)

Rank/Merit:

College secured 2 Distinctions and 9 First classes in Commerce stream and 1 Distinction and 9 First classes in Arts streams of University Examination of 2003-2004.

Sports activities:

Inter-collegiate sports events organised by Goa University

Cross Country Race – 2nd Place

Power Lifting - 1st Place

Cycle Race - 2nd Place

Volleyball - 2nd Place

Hockey - 1st Place

Basketball - 2nd Place (organised by K.J'S Sports Club, Miramar).

In the Athletic meet held at the Goa University our student won the gold medal in 10,000 metres race and silver medal in 500 metres race.

G. Any other Information:

(c) Any other special achievements by students/staff.

In the Debate Competition, organized by Government college of Sanquelim, our student bagged the 2nd place. Our students also participated in the Ex-Temporare Competition organized by the Directorate of Youth Affairs and won the First Place and the student is also been selected to represent Goa at All India level. Our students also participated at the 'Students Parliament Competition' organized by the Goa Legislative Secretariat and Directorate of Education and secured the 4th Place.

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

A. Year of Establishment: 1993

B. Principal's Name and Contact Address: G.S.Badiger,

Near Govt.Hospital, Canacona - Goa.

C. List of teaching staff:

Name	Department	Qualification	Designation
G. S. Badigar	Geography	Ph.D.	Principal
Jagmohan Singh	Economics	Ph.D.	Lecturer
F. M. Nadaf	Geography	M.A.	Lecturer
Sandesh Sawant	Commerce	LL.B.	Lecturer
Domital D'souza	History	M.A.	Lecturer
Vividh Pawaskar	English	M.A.	Lecturer
Kshama Desai	Commerce	M.Com.	Lecturer
Tanuja Fal Desai	Maths & I.T.	M.Sc.	Lecturer
Rupa Chari	Hindi	M.A.	Lecturer
Sucheta Naik	Commerce	M.Phil.	Lecturer
C. P. Hiremath	Geography	Ph.D.	Lecturer
Purnanand Chari	Konkani	M.A.	Lecturer
Geeta Walvekar	Economics	M.A.	Lecturer
Arvind Haldankar	Sociology	M.A.	Lecturer

Parag Parobo	History	M.A.	Lecturer
Pramada Desai	Marathi	M.A.	Lecturer

Part-Time Faculty

Sushama Salokhe	Marathi	M.A.	Lecturer
Ramditya Banerjee	Business Law	LL.B	Lecturer

E. Ph.D. degree conferred during June 2003 to May 2004.

Name of Candidate	Name of Guide	Title of Thesis	Subject
F. M. Nadaf	S. I. Biradar	Environmental Degradation along the Coastal Belt of Goa A Spatial Analysis	Geography
Jagmohan Singh	R. V. Dadibhavi	Tourism and Development in Goa after Liberation-An Economic Analysis	Economics
Rupa Chari	Ishrat Khan	Mridula Garg Ka Katha Sahitya Aadhunika Bodh Ke Sandharbh	Hindi

F. Achievements (Rank/Merit in the University Examinations/Sports activities)

Sports activities

1. West Zone Tennikoit Championship at Margao from 7th to 10th May 03, Pallavi Nagarsekar & Luiza Fernandes represented Goa State Tennikoit team and finished with the Runners up Silver medal.
2. Goa University Inter Collegiate Cross-Country Championships, Women team finished at Second place in the team Championship, Meghan Gaunkar bagged the bronze medal in Individual Championship.
3. Goa University Inter Collegiate Cross-Country Championship Men team finished third in the team Championship.
4. 23rd All India Tennikoit Championship at New Delhi, three students Pallavi Nagarsekar, Luiza Fernandes & Suman Velip along with our Sports Director Savio Leitao Represented Goa State as players.
5. Under-19 Goa state cricket team for the Gulam Ahmed Trophy, Anup Kolambkar captained the Team, Sarvanand Kankonkar also represented the team.

6. West zone inter university Kho Kho championship at Mumbai from 27th to 1st Nov. 03, Mangesh Gaonkar & Suvas Gaonkar represented Goa University team.
7. Goa University Inter Collegiate Kabaddi Tournament, Women team finished Runners up.
8. Goa University Inter Collegiate Kabaddi Tournament, Men team finished Runners Up.
9. Goa University Inter Collegiate Tennikoit Tournament, Women team finished as champions.
10. 26th Junior Kho-Kho Federation Nationals at Patiala, Punjab, and Anil Gaonkar of F.Y.B. Com. represented Goa team from 15th to 25th Dec. 03.
11. Goa state Kho-Kho team for Dhule (Maharashtra). Meghan Gaonkar of F.Y. B.A. was selected in the team.
12. Bharati Ghadi & Nita Gaonkar of S.Y. B.A. are selected to represent the Goa State Womens Team For the Womens Sports Festival Nationals.
13. Under 19 Goa state cricket team for the Gulam Ahmed Trophy, Anup Kolambkar & Sarvanand Kankonkar represented the team.
14. Champions at Goa University Inter Collegiate Kho-Kho Tournament
15. Goa University Annual Athletic Meet from 7th to 9th Jan. 04:
 - i) 1500 Metres Men - Durgesh Gaonkar secured Silver Medal.
 - ii) 1500 Metres Women - Meghan Gaonkar secured Gold Medal.
 - iii) 3000 Metres - Meghan Gaonkar secured Gold Medal.
 - iv) 5000 Metres - Meghan Gaonkar secured Gold Medal.
 - v) 800 Metres - Meghan Gaonkar secured Gold Medal.
 - vi) 4 x 400 Womens Relay team secured Bronze Medal.
 - vii) Heptathlon for Women Luiza Fernandes Secured the Gold Medal & Title of Iron Woman of Goa University.
 - viii) 20 km Walk for Men - Durgesh Gaonkar secured the Gold Medal.
 - ix) Triple Jump for Women - Pallavi Nagarsekar won Gold Medal & created a new University Record of 8.38 Metres in the Event, also Luiza Fernandes secured a Bronze Medal in the Event.
 - x) Meghan Gaonkar was declared as the Individual Champion in Womens Section.
 - xi) The womens team finished runners up position 2 points (39-41) behind Champions St. Xaviers College, Mapusa.

16. All India Cross Country Championship At Simla (H.P), Durgesh Gaonkar selected after securing 4th place in All Goa Marathon Race of 42 kms. at Navelim.

G. Any other information:

c. Any other special achievement by students / staff.

Savio Leitao, Director of Physical Education was appointed as Manager of Goa University Volleyball team to Ajmer and also a delegate for the International Olympic Solidarity course during the National Games at Hyderabad.

5.21 Government College of Arts and Commerce, Pernem-Goa.

A. Year of Establishment: 1993

B. Principal's Name & contact address: Oscar C. N. de Noronha,
Government College of Arts & Commerce,
Pernem, Goa Phone No. 2201762

C. List of teaching staff:

Name	Department	Qualifications	Designation
Oscar C. N. de Noronha	English	M.A.	Actg. Principal
G. A. Hegde	Commerce	Ph.D.	Lecturer
Nirmala Abreu	Economics	M.A.	Lecturer
B. K. Haravi	Geography	M.A.	Lecturer
Satish N. Sanvol	Economics	M.A.	Lecturer
Neeta R. Torne	Marathi	M.A.	Lecturer
Ishani Roy	Geography	M. Phil.	Lecturer
Amrita A. Dinge	Hindi	M.A.	Lecturer
Gajanan V. Madiwal	Commerce	M.Com.	Lecturer
Namdev M. Gawas	Commerce	M.Com.	Lecturer

Xavier M. Martins	History	Ph.D.	Lecturer
Soniya R. Sirsat	Hindi	Ph.D.	Lecturer

F. Achievements (Rank/Merit in the University Examinations/Sports activities)

Rank/Merit:

Rupali Shetye, 2nd Rank T.Y.B.A Examination Apr. 2004.

Sports activities:

Ulhas Parab represented Goa State and Goa University in Kho-Kho.

Sharon Fernandes represented Goa State at 26th National Shooting Ball.

Sanjay Parab represented Goa University Kho-Kho team for West Zone Championship.

Akash Desai, 2nd place, Body building (70-75 kg).

Shiva Nagvekar, Gold Medal, Triple Jump; Silver Medal, High Jump.

Dhiraj Gawade, Bronze Medal, 1000m Run.

Sharon Fernandes, Gold Medal, Javelin Throw.

G. Any other information:

c. Any other special achievement by students /staff.

92 strong student team bagged several individual and group prizes and lifted the 'Best Team Award' at the Goa Yuva Mahotsav held at Savoi Vere, 17th – 18th Jan. 04.

5.22 Narayan Zantye College of Commerce, Bicholim.

A. Year of Establishment: June 1994

B. Principal's Name & contact address: Arun Sakhardande,

Narayan Zantye College of Commerce, Sarvan, Vathadev,
Post Industrial Estate, Bicholim Goa – 403 529.
Phone No: (O): 2361377/2363769 (R): 2253241

C. List of teaching staff:

Name	Department	Qualifications	Designation
Arun Sakhardande	Commerce & Bus. Mgt.	M.A., LL.B.	Principal
Rajesh Amonkar	Commerce & Bus. Mgt.	M.Com.	Lecturer
Sankaranarayanan K. G.	Commerce & Bus. Mgt.	Ph.D.	Lecturer
R. Kumbharjuvenkar	Commerce & Bus. Mgt.	M.Com.	Lecturer
Ramchandra Surlekar	Commerce & Bus. Mgt.	M.M.S.	Lecturer
Nayana Sail	Accoun. & Cost & Mgt. Accounting	M.Com.	Lecturer
Pravin Sawant	Accoun. & Cost & Mgt. Accounting	M. Phil.	Lecturer
Bipin Bandekar	Accoun. & Cost & Mgt. Accounting	M.Com.	Lecturer
Shweta Borkar	Business Economics	M.A.	Lecturer
Sherin Sheikh	English	M.A.	Lecturer
Nandini Kamat	Mathematics	M.Sc.	Lecturer
Jhimli Adhikari	Computer Science	M.C.A.	Lecturer
Satyavan Harmalkar	Sports	M.P.ED.	Sports Director
Sudhir Halvegar	Library	M.Lib.Sc.	Librarian

Part-Time Faculty

Sudhir Volvoikar	Business Law	LL.M.	Lecturer (L.B.)
Mandar Fatarpenkar	Geography	M.A.	Lecturer (L.B.)

F. Achievements (Rank/Merit in the University Examination /Sports activities).
Sports activities:

Shraddha Amonkar represented Goa state in the 14th Senior National Tennis Ball Championship held at Andhra Pradesh.

Santoshi Rane represented Goa State in the 11th Junior National Tennis Ball Cricket Championship held at Uttar Pradesh.

Mangesh Parab represented Goa Kabaddi Team in National Kabaddi Championship held at Delhi.

Mamata Shirodkar represented Goa Kabaddi Team in National Kabaddi Championship held at Mumbai. She was also selected as Captain of Goa Kabaddi Team in West Zone National Kabaddi Championship held at Chattisgarh.

Santoshi Rane represented Goa University in Inter-Collegiate Cricket Tournament held at Pondicherry.

G. Any other information:

(c) Any other special achievements by students/staff.

College won the first prize for Marathi Skit " Alvavarcha Themb" at VIIth All Goa Skit Competition

Organised by Govt. College of Arts & Commerce, Pernem Goa.

College bagged first prize for "Goan Folk Dance Competition" held at Rosary College, Navelim organised by Directorate of Youth Affairs on the occasion of National Youth Week Celebrations.

Manoj Parab won the first prize in All Goa Singing Competition organised by Mapusa Jaycees.

(b) PROFESSIONAL COLLEGES

5.23 Goa Salesian Society's Don Bosco College, Panaji.

A. Year of Establishment: June 2001

B. Principal's Name & contact address: A. F. V. Barbosa

Don Bosco College, Panjim - Goa

C. List of teaching staff:

Name	Department	Qualification	Designation
Anjali Sardessai	Computer	M.C.A	Lecturer
Rajani Muralidhar	Computer	M.C.A	Lecturer
Minaz Bi Sheikh	Mathematics	M.Sc.	Lecturer

Part -Time Faculty

Swati Chindarkar	Accounts/Management	M.Com.	Lecture Basis
Margaret D' Souza	Business Communication	Ph.D.	Lecture Basis
Zasca Fernandes	Economics	M.A.	Lecture Basis
Dominic Fernandes	Management	B.E., PGDBA	Lecture Basis

5.24 Goa College of Pharmacy, Panaji.

A. Year of Establishment: 1963.

B. Principal's Name and Contact Address: Subhas C. Marihal

Goa College of Pharmacy, Panaji.

Ph. No. 2226883/ 2421961

C. List of teaching staff:

Name	Department	Qualifications	Designation
Subhas C. Marihal	Pharmacology	Ph.D.	Principal
M. G. Pai	Pharma. Chemistry	M.Pharm.	Asst. Professor

R. V. Keny	Pharmaceutics	M.Pharm.	Asst. Professor
L. P. Almeida	Pharma. Chemistry	M.Pharm.	Asst. Professor
M. P. Bhohe	Pharmacognosy	M.Pharm.	Lecturer (S.S.)
M. H. S. Godinho	Pharmacology	M.Pharm.	Lecturer (S.S.)
M. Joshi	Pharmacology	Ph.D.	Lecturer
Yogita N. Sardesai	Microbiology	Ph.D.	Lecturer
Rajashree S. Gude	Pharmaceutics	M.Pharm.	Lecturer
Lorna P. Silveira	Biochemistry	M.Sc.	Lecturer
Teja V. Walke	Pharma. Chemistry	M.Pharm.	Lecturer
R. K. Shirodkar	Pharmaceutics	M.Pharm.	Lecturer
P. J. Bhide	Pharmaceutics	M.Pharm.	Lecturer
Alpana V. Betigeri	Comp. Applications	B.E.	Lecturer

5.25 College of Engineering, Goa, Farmagudi.

A. Year of Establishment: 1967.

B. Principal's Name and Contact Address: D. P. Roy,
College of Engineering, Goa,
Farmagudi, Ponda, Goa 403 401.
Tel. No. 2336301 (o) 2336501(R)
Fax: 2335021 E-mail - ppl@gec.ac.in

C. List of teaching staff:

Name	Department	Qualification	Designation
A. R. Naik	Mechanical	Ph.D.	Professor
R. B. Lohani	ETC	Ph.D.	Professor
U. J. Amonkar	Mechanical	M.E.	Asst. Professor
V. N. Shet	ETC	Ph.D.	Asst. Professor
M. Tamhane	Computer	M.Tech	Asst. Professor
J. A. Laxminarayan	Computer	M.E.	Asst. Professor
S. B. Sheldarkar	Civil	M.Tech.	Asst. Professor
J. J. Goliwadekar	Mechanical	M.Tech.	Asst. Professor
V. K. Joseph	Electrical	M.E.	Asst. Professor
Subhaash Borkar	Electrical	M.E.	Asst. Professor

K. G. Gupta	Civil	Ph.D.	Asst. Professor
C. S. Gokhale	Civil	Ph.D.	Asst. Professor
Prakash Mutgi	Civil	Ph.D.	Asst. Professor
A. K. S. Bhadauria	Civil	M.E.	Asst. Professor
A. D. Telang	Mechanical	M.Tech.	Asst. Professor
Sebastiao Mesquita	Civil	Ph.D.	Asst. Professor
V. P. Jain	Computer	M.E.	Asst. Professor
K. P. Kelekar	Mechanical	M.E.	Asst. Professor
S. N. Betagiri	Civil	B.Tech.	Asst. Professor
Ganesh Hegde	Civil	M.Tech.	Lecturer
Wilma Fernendes	Civil	B.E.	Lecturer
Vikas Chodankar	Civil	M.Tech.	Lecturer
Prasanna H. S. Kumar	Civil	M.E.	Lecturer
Shanti Balasubramaniam	Civil	M.E.	Lecturer
Nisha Amonkar	Civil	M.E.	Lecturer
Adappa Jalihal	Civil	Ph.D.	Lecturer
Ujwala Phadke	Civil	M.Sc.	Lecturer
A. A. Siddhiqui	Mechanical	B.E.	Lecturer
George Easaw	Mechanical	M.E.	Lecturer
V. Mariappan	Mechanical	Ph.D.	Lecturer
Milind Sakhardande	Mechanical	B.E.	Lecturer
B. R. Kulkarni	Mechanical	M.E.	Lecturer
Rajesh Prabhugaonkar	Mechanical	M.E.	Lecturer
B. S. Manohar Shankar	Mechanical	M.E.	Lecturer
S. V. Balasubramaniam	Mechanical	M.E.	Lecturer
D. V. Shirodkar	Mechanical	M.E.	Asst. W/S Suptd.
Govind Kunkolienkar	Electrical	M.E.	Lecturer
Amita Chimulkar	ETC	M.Tech.	Lecturer
M. S. Rayadu	Electrical	M.E.	Lecturer
Anant J. Naik	Electrical	B.E.	Lecturer

Sangeeta L. Mahaddalkar	Electrical	B.E.	Lecturer
Suneeta S. Raikar	Electrical	B.E.	Lecturer
Anirudh Chari	Electrical	M.Sc.	Lecturer
Taniya Vanessa Colaco	ETC	M.E.	Lecturer
Hassanali G. Virani	ETC	B.E.	Lecturer
Umesh A. Bapat	Computer	M.Tech.	Lecturer
Marushka F. C. Mascarenhas	Computer	B.E.	Lecturer
Nilesh Fal Dessai	Computer	B.E.	Lecturer
Geeta Varkey	Computer	B.E.	Lecturer
Ulhas Sawaikar	Civil	M.Tech.	Lecturer

F. Achievements (Rank/Merit in the University/Sports activities):

Rank/ Merit:

B.E. (Comp) students achieved 100% results.

Shradha P. Khandekar stood first in B.E. (Comp) in the University.

Poonam S. Sawant stood first in B.E. (Civil) in the University.

Poonam Nautiyal stood first in B.E. (Electrical and Electronics) in the University.

Sports activities:

The College team was Goa University Champions in (i) Chess (ii) Shuttle Badminton.

College teams were also runners up for Cricket and Swimming at University level.

Ruban Karekar and Edwin Mendes won Silver medals for Body building championship at Goa University.

Prahlad Deshpande represented Goa University for the Inter University Chess Championship.

Kishan Pednekar represented Goa State (Under 19) for Shuttle Badminton Championship.

Umar Sheikh represented Goa University in Inter University Basketball Championship.

5.26 Nirmala Institute of Education, Altinho-Panaji.

A. Year of Establishment: 1963

B. Principal's Name & Address: Rita Paes

Nirmala Institute of Education

Altinho, Panaji, Goa

Fax:0832 2420186

C List of teaching staff:

Name	Department	Qualifications	Designation
Rita Paes	Education	Ph.D.	Principal
Rhoda Almeida	Education	M.Ed.	Lecturer (S.G.)
Nicholas D'souza	Education	M.Ed.	Lecturer (S.G.)
Kunda Borde	Education	M.Ed.	Lecturer (S.G.)
Vida Sequeira	Education	M.Ed.	Lecturer (S.S.)
Denzil Martins	Education	M.Ed.	Lecturer
Suvarna Gauns	Education	M.Ed.	Lecturer
Jude Miranda	Education	M.Ed.	Lecturer
Ximena Fonseca	Education	M.Ed.	Lecturer
Eutemia Fernandes	Education	M.Ed.	Lecturer
Bernadette D'Souza	Education	M.Ed.	Lecturer

Post Graduate Department

Name	Department	Qualifications	Designation
Gopal C. Pradhan	Education	Ph.D.	Reader
Sushant C. Pradhan	Education	Ph.D.	Reader
Diana D'souza	Education	M.Ed	Lecturer

The Highlights of major thrust areas of research and achievements of the college.

1. A study of special schools for Mentally Challenged in Goa.
2. A critical analysis of the English Textbook for class VII.
3. A study of school organizational climate and Teacher adjustment in the Secondary Schools of North Goa.

4. A comparative study of the Academic Achievements of the Std. X Board Examination between the students of the Government and Private Schools in Goa in Relation to home background.
 5. A critical Analysis of Science Textbooks for Class IX.
 6. An Investigation into the social and emotional problems of Adolescents in relation to different contextual and Demographic variables.
 7. Televiewing Pattern of Adolescents and its impact on the study habits.
 8. Factors Associated with Academic Achievement in Mathematics of the Students of class X in Goa.
- F. Achievements (Rank/Merit in the University/Sports activities):
Rank/Merit
 Achieved the first three ranks at the B.Ed. final Examinations held in Apr. 04 conducted by the Goa University.

- G. Any other information:
(c) Any other special achievement by students/staff.
 An Orientation Training programme for 56 Government Primary Teachers promoted last July/August, to the post of Assistant Teachers was organized during the Diwali vacation holidays (20th Oct. to 8th Nov.) on behalf of the Directorate of Education, Government of Goa.
 A Workshop for teachers and parents on "Using Multiple Intelligences for Active Learning" organised by the college in collaboration with GENIEKIDS, Bangalore.
 As part of the Work with the Community project, a three-day survey was conducted by the students on school dropouts in certain areas of Goa in collaboration with Caritas, Goa.
 On the occasion of Environment Day celebrations, the college inaugurated the Eco Club.

5.27 Goa College of Art, Altinho, Panaji.

- A. Year of Establishment: 1972
- B. Principals Name and Contact Address: M. V. Vengurlekar,
 Goa College of Art,
 Altinho, Panaji - Goa.
- C. List of teaching staff:

Name	Department	Qualifications	Designation
Mahesh Vengurlekar	Applied Art	B.F.A.	Principal
A. R. Shirodkar	Applied Art	G.D.Art (Commercial).	Lecturer
Anthony D'Souza	Applied Art	B.F.A.	Lecturer

Rajeev Shinde	Applied Art	B.F.A.	Lecturer
Sabita Prabhudesai	Applied Art	B.F.A.	Lecturer
Domnic Cordo	Applied Art	B.F.A.	Lecturer
Wilfred Goes	Applied Art	B.F.A.	Lecturer
M. M. D'Cruz Ferreira	Applied Art	B.F.A.	Lecturer
S. P. Chendvankar	Painting	G.D.Art; A.M.D.	Lecturer
A. H. Farooqui	Painting	G.D.Art	Lecturer
Rohini Kakode	Painting	G.D.Art	Lecturer
H. R. Kambli	Painting	M.F.A.	Lecturer
M. M. Chodankar	Painting	M.F.A.	Lecturer
Digambar Singbal	Painting	B.F.A.	Lecturer
Omprakash Naik	Painting	M.F.A.	Lecturer
Harsha Mandurkar	Painting	M.F.A.	Lecturer

F. Achievements (Ranks/Merits in the University Examinations/Sports activities).

Ranks/Merits

Karishma D'Souza 1st Rank at B.F.A. (Painting)

Jolene Quiterio D'Souza 1st Rank at B.F.A. (Applied Art)

G. Any other information:

(c) Any other special achievement by students/staff.

Mahendra Chodankar, Lecturer, delivered a talk on Mural Painting at the Architecture Seminar, Panaji.

Aaruta Naik, fifth year Applied Art, 2nd prize in All Goa Wildlife Photography Contest in Sept. 03.

Gurudatt Vantikar & Virajit Bhandanjar, 1st prize in Vistara 2004 in Rangoli Competition in Dec. 03.

Govind Tari, (i) 1st prize in All Goa Inter Collegiate "Abhang Gayan" and "Kavyajagar" Competitions held on 2nd Dec. 03 at Khandola. (ii) 1st prize in All Goa "Inter Collegiate Poets Meet" held on 13th Dec. 03 at CES College of Arts and Commerce, Cuncolim.

**5.28 Devi Sharvani Education Society's V. M. Salgaocar College of Law,
Miramar - Panaji.**

A. Year of Establishment: 1973

B. Principal's Name and Contact Address: M. Pinheiro,

S – 3, Kamat Complex,

Tonca, Caranzalem, Goa.

C. List of teaching staff:

Name	Department	Qualifications	Designation
M. Pinheiro	Law	Ph.D.	Principal
C. D` Souza	Law	Ph.D.	Lecturer
M. R. K. Prasad	Law	M.L.	Lecturer
G. Shaber Ali	Law	LL.M.	Lecturer
Kim Couto	Law	LL.M.	Lecturer
K. S. Rao	Law	LL.M.	Lecturer
B. S. Patil	Law	LL.M.	Lecturer
Sandhya Ram	Law	LL.M.	Lecturer
T. R. Subramanya	Law	Ph.D.	Lecturer
Pearl Monteiro	Law	LL.M.	Lecturer
S. A. Mandrekar	Sports	LL.B., M.P.Ed.	Sports Director

Part -Time Faculty

G. K. Tamba	Law	LL.B.	Lecturer
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The highlights of major thrust areas of research and achievements of the college.

The College conducts the Three Year LL.B. Degree Programme, the Five Year Professional Law Degree Programme as well as the post-graduate LL.M. Programme.

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 cell has been instrumental not only in solving many disputes, but has also prevented many dispute situations.

The College also participates in national level moot courts and conducts one national level moot court every year.

F. Achievements (Ranks/Merits in the University Examinations/Sports activities).

Sports activities:

The College Team participated in the following Goa University Inter- Collegiate Tournaments 2003-04.

Badminton Men, Fatorda Multipurpose Hall, Margao, 23rd - 28th July 03: 2nd Round.

Table Tennis Men, Peddem Sports Complex, Mapusa, 29th July - 1st Aug. 03: Runners – up.

Table Tennis Women, Peddem Sports Complex, Mapusa, 29th July - 1st Aug. 03: 3rd Round.

Chess Tournament, University Conference Hall, 6th - 8th Aug. 03: 6th Position.

Inter-Collegiate Weight Lifting, Power Lifting and Body Building Championship (2003 -2004).

Weight Lifting: Runners - up (11th Aug. 03).

Power Lifting: 2 Gold & 1 Silver (12th & 13th Aug. 03).

Best Physique: 1 Gold & Runners - up for 'University Shri'

Football, Goa University, 18th Aug. 03

Cycling Championship: Cycling race from Chicalim to Goa University, 20th Sept. 03.

Basket Ball Tournament, Youth Hostel, Miramar, 23rd - 27th Sept. 03: Semi – Finals.

V. M. Salgaocar Memorial Basket Tournament, 22nd – 24th Aug. 03: Semi - Finals.

Slayton Memorial Basket Ball Tournament, 2004: Winners.

Inter – Collegiate Athletic Meet, Goa University, 7th - 9th Jan. 04: 1 Gold, 1 Silver (Hammer & Discus throw respectively).

Volley Ball, St. Cruz, 8th Jan. – 11th Jan. 04: 2nd Round.

Cricket, Chicalim, Vasco from 15th Jan. 04 onwards: 2nd Round.

G. Any other information:

(a) Awards/Honors conferred:

M. Pinheiro, Principal, Completed Ph.D. on 'Human Rights and Unorganised Labour' from Kurukshetra University, Haryana on 12th Oct. 03.

Sahadev A. Mandrekar, Director of Physical Education, Won Gold Medals for Discus Throw, Hammer Throw and Shot Put at the Goa Veteran Athletic Association State Level Athletic Meet 2003-'04 held at Campal Ground on 18th Jan. 04.

(b) Fellowship/Visiting Professorship etc.

M. Pinheiro, Principal: Delivered a Guest Lecture on 'Legal Aid and Training: The Goan Experience' to mark the 60th Birthday Celebrations of V. B. Coutinho, Vice - Chancellor, University of Gulbarga at University Law College, Dharwad on 10th Nov. 03.

Conducted Training Programme for the promoted Superintendent of Police and Deputy Superintendent of Police in the State of Goa on 'Human Rights sensitization and their relevance in police action'.

Contributed an article, "Legal Aid And Training" in V. B. Coutinho (ed.), 'The Changing Law': Lectures on Current Trends in Jurisprudential Thought (2003).

M. R. K. Prasad: Selected for Fulbright – Vanderbilt Scholarship in Clinical Legal education to undergo a course on clinical legal education for a period of 9 months, at Vanderbilt University Nashville, Tennessee State, U.S.A.

Carmo D'Souza: Organised lecture series for Fundacao Oriente on Indo- Portuguese Literature Aug. to Nov. 03.

Authored a book, Towards a World Constitution (Dec. 2003)

Authored a book, Portugal: In Search of Identity (Nov. 2003)

5.29 Vidya Vikas Mandal's Govind Ramnath Kare College of Law, Margao.

A. Year of Establishment: 1979

B. Principals Name and Contact Address: Arun Sazu Nadkarni

Murida, Fatorda, Margao - Goa,
Tel.: 0832-2742821

C. List of teaching staff:

Name of the Staff	Department	Qualifications	Designation
A. S. Nadkarni	Law	LL.M	Principal
R. V. Kuncolienkar	Law	LL.M.	Lecturer
C. J. F. Prasannakumar	Law	LL.M.	Lecturer
Mesquita Da Silva Saba	Law	LL.M.	Lecturer
Sonali Naik	Law	LL.M.	Lecturer
Pritam Morais	Law	LL.M.	Lecturer
Manoj Hede	Sports	M.P.Ed.	Director Physical Education

Part-Time Faculty

J. G. Prabhudesai	Law	LL.M.	Part time Lecturer
Joseph Antao	Law	LL.B.	Part time Lecturer
Cleofato Coutinho	Law	LL.M.	Part time Lecturer

F. Achievements (Rank/Merit in the University Examinations/Sports activities).

Rank/Merit:

H. R. Akshata and Fernandes Reshma Luisa secured 1st and 3rd rank respectively at T.Y. LL.B. Examination of Goa University held in Apr. 04.

Tushar Karmalkar won Gold Medal in Inter – Collegiate Judo Championship held by Goa University.

Sports activities:

Uvena Fernandes represented Goa State in Senior Football Womens Team.

5.30 Goa Dental College and Hospital, Bambolim.

A. Year of Establishment: 1980

B. Principals Name and Contact Address: Pavan Kumar Chandra, Dean

Goa Dental College & Hospital, Bambolim

Phone: EPABX 2459812 to 2459815, Fax: 2459816

C. List of teaching staff:

Name	Department	Qualifications	Designation
Pavan Kumar Chandra	Orthodontics	M.D.S (Aust.)	Dean, Prof. & Head
Nandini Kamat	Orthodontics	M.D.S.	Lecturer
Ajit D. Dinkar	Oral Med. & Radiology	M.D.S.	Professor
Preeti D. Volvoikar	Oral Med. & Radiology	M.D.S.	Asst. Professor
Shama Karanth	Oral Med. & Radiology	M.D.S.	Lecturer
John S. L. Rodrigues	Pedodontics	M.D.S.	Asst. Professor
Meena Aras	Prosthodontics	M.D.S.	Professor
Vidya Chitre	Prosthodontics	M.D.S.	Asst. Professor
Aquaviva S. Fernandes	Prosthodontics	M.D.S.	Asst. Professor
Aparna Batra	Prosthodontics	M.D.S.	Lecturer
Ivy F' des Coutinho	Prosthodontics	M.D.S.	Lecturer
Ida de Noronha de Ataide	Conservative Dentistry	M.D.S.	Professor
Rahul Wagle	Conservative Dentistry	M.D.S.	Asst. Professor
Jyoti R. Rao	Periodontics	M.D.S.	Professor
James Samuel	Periodontics	M.D.S.	Asst. Professor
Gauri Sardessai	Periodontics	M.D.S.	Lecturer
Sandeep A. Lawande	Periodontics	M.D.S.	Lecturer
Amita Kenkre	Community Dentistry	M.D.S.	Professor
Vikas Dhupar	Oral Surgery	M.D.S.	Professor

Sujay Francis Akkara	Oral Surgery	M.D.S.	Asst. Professor
Shubha Hegde	Oral Surgery	M.D.S.	Lecturer
Anita Spadigam	Oral Pathology	M.D.S.	Professor
Anita Dhupar	Oral Pathology	M.D.S.	Asst. Professor
Shaheen Syed	Oral Pathology	M.D.S.	Lecturer

F. Achievements (Rank/Merit in the University Examinations/Sports activities)

(a) Rank/Merit:

Kshama Gaitonde, stood first in class in May 04, Final B.D.S. Goa University Examination. She secured highest marks in periodontics and is eligible for award given by Indian Society of Periodontics.

Kennedy Mascarenhas stood second in May 04, Final B.D.S. Goa University Examination. He secured highest marks in Pedodontics and eligible for award given by Indian Society of Pedodontics.

5.31 Goa College of Architecture, Campal-Panaji.

A. Year of Establishment: 1982

B. Principals Name and Contact Address: Jaimini Mehta

Goa College of Architecture,
Altinho, Panaji – 400 001

C. List of teaching staff:

Name	Department	Qualifications	Designation
Jaimini Mehta	Architecture	M.Arch. (U.S.A)	Principal
A. R. A. Antao	Architecture	Dip.Arch.	Asstt. Professor

Madhavi Dixit Navare	Architecture	M.Arch.	Asstt. Professor
Ashish K. S. Rege	Architecture	M.Planning	Asstt. Professor
Lawrence Rodrigues	Architecture	G.D.Arch.	Lecturer (S.S.)
Zeenat Andani	Architecture	B.Arch.	Lecturer (S.S.)
Salvin Dias	Architecture	B.Arch.	Lecturer (S.S.)
Roy C. D'Souza	Architecture	B.Arch.	Lecturer (S.S.)
Sanjay Belurkar	Architecture	B.Arch.	Lecturer (S.S.)
Vishal R. Signapurkar	Architecture	B.Arch.	Lecturer
Neelesh Juwarkar	Architecture	B.Arch.	Lecturer

The Highlights of major thrust areas of research and achievements of the college.

Institutional Consultancy: Projects Undertaken

The Government of Goa approved formation of the "Research and Design Cell" within the Goa College of Architecture as a platform for conducting research and professional consultancy to both the Govt. agencies and to private/corporate bodies. Four projects have been taken up under this Cell.

- 1 The Kadamba (KTC) Bus Station at Panaji
2. Martyrs Memorial at Patradevi
- 3 International Film Festival of India (selection of location)
4. Landscape design for Goa University.

Academic application: Projects No.1 and 4 are undertaken as part of the studio projects. Thus the issues explored in the execution of the projects are part of the academic sequence of the curriculum. The major difference from other studio projects being that these projects are to be executed and the professional rigors are included as integral part of the initial studio brief.

Project 2 & 3 raise the issues of context, which is a major thrust of the curriculum. In one case it is the context of a difficult site and that of Goan history while in the case of the Film Festival, the issues of appropriateness of location as well as the nature of cities become critical. All these have immense impact of the academic work undertaken by the College.

International Studio. The Vastu Shilpa Foundation, Ahmedabad is conducting a 9 weeklong international program of design studio involving students from Switzerland,

Germany and Denmark. In Apr. 03 Mehta was invited as a critic for this programme. From 2004 they have invited us to send one student to participate in this program. We have decided to send the top-ranking student of 2003 graduating class. This year Rohit Nadkarni qualified and attended the Studio.

G. Any other information:

(c) Any other special achievements by students/staff.

Articles by Ashish K. Rege and Jaimini Mehta were published in several national journals during this period.

5.32 Goa College of Music, Altinho – Panaji.

A. Year of Establishment: 1987

B. Principal's Name and Contact Address: Kamalakar B. Naik,

Goa College of Music

Dr. T. B. Cunha Educational Complex, Altinho-

Panaji.

C. List of teaching staff:

Name	Department	Qualifications	Designation
Kamalakar B. Naik	Vocal Music	M.Music	Principal
Manab Das	Instrumental Music (Sitar)	M.Music	Lecturer
Ulhas Velingkar	Instrumental Music (Tabla)	M.Music	Lecturer
Shashank Maktedar	Vocal Music	M.Music	Lecturer
Prakash Desai	Vocal Music	M.Music	Lecturer
Mayuresh Vasta	Instrumental Music (Tabla)	M.Music	Lecturer

F. Achievements (Rank/Merit in the University Examinations/sports activities):

Rank/Merit:

For the academic year 2003-04, Six Students appeared for the Fifth Year (Final examinations) of B. Music Degree Course in Vocal and Tabla disciplines amongst which 1 student secured First class, 3 Students secured second class and 2 students with pass class. Shrinanda B. Amonkar of Vocal Music stood First Securing 63.67% of marks. Besides out of 6 students appeared for the examination of One Year Bridge Course in Vocal Music, 5 students secured First Class, whereas 1 student secured Second Class.

5.33 Institute of Nursing Education, Panaji.

A. Year of Establishment: 1993

B. Principal's Name and Contact Address: Carol Noronha,
 Institute of Nursing Education,
 Old I.P.H.B. Complex, Altinho.

C. List of teaching staff:

Name	Department	Qualifications	Designation
Carol Noronha	Nursing	M.Sc.	Principal
Anna Routa D'Souza	Nursing	M.Sc.	Lecturer
Flossy F. Rodrigues	Nursing	M.Sc.	Lecturer
Shashilata Yadav	Nursing	M.Sc.	C. Instructor
Maria Helena Castro	Nursing	M.Sc.	C. Instructor
Avita F. Fernandes	Nursing	B.Sc.	C. Instructor
Mariana A. L. D.'Costa	Nursing	P.C.B.Sc.(N)	C. Instructor
Remy Lacerda	Nursing	P.C.B.Sc.(N)	C. Instructor
Kalyani Sawant	Nursing	P.C.B.Sc.(N)	C. Instructor

5.34 G. V. M's College of Education, Ponda.

A. Year of Establishment: June 1993

- B. Principal's Name and Contact Address: Louis Vernal
 G. V. M's College of Education,
 Post Box No. 139.
 Ponda Goa 403 401

- C. List of teaching staff:

Name	Department	Qualifications	Designation
Louis Vernal	Education	Ph.D.	Principal
Paily M. U.	Education	Ph.D.	Reader
Allan J. Abreo	Education	Ph.D.	Lecturer (S.S.)
Sebastian J. Pinto	Education	M.Ed.	Lecturer (S.S.)
Ganesh C. Naik	Education	M.Phil.	Lecturer (S.S.)
Anna Neena George	Education	Ph.D.	Lecturer (S.S.)
Sunil Kumar	Education	M.Ed.	Lecturer (S.S.)
Jojen Mathew	Education	Ph.D.	Lecturer (S.S.)
Karuna Satardekar	Education	M.Ed.	Lecturer

The Highlights of major thrust areas of research and achievements of the College.

1. The College has imparted training to all the B.Ed Students in the use of Technology in Teaching under the programme "Intel@Teach to the Future". This programme has been integrated into the B. Ed. Syllabus especially the papers on pedagogy.
2. The Extension Services Department of the College was the nodal agency for a yearlong programme with the Directorate of Education in augmenting the pedagogical capabilities of teachers across the state of Goa. This programme has been in operation since 2002.

- E. Ph.D. degree conferred during June 2003 to May 2004

Name of candidate	Name of Guide	Title of Thesis	Subject
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Anna Neena George	R.G. Kothari	Mathematical Backwardness and its remediation in Goa	Education
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5.35 Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda.

A. Year of Establishment: December 1993.

B. Principal's Name and Contact Address: A. R. V. Murthy,

B.S.P.'s Gomantak Ayurveda Mahavidyalaya & Res. Centre, Vajem, Shiroda.

Phone: (0832) 2307374

Fax: 2307394.

C. List of teaching staff:

Name	Department	Qualifications	Designation
A. R. V. Murthy	Kayachikitsa	Ph.D.	Principal
Anura P. Bale	Sharir Kriya	M.D.	Reader
Neelesh P. Korde	Sharir Rachana	M.D.	Reader
Upendra Dixit	Samhita	Ph.D.	Reader
Anil Panse	Kayachikitsa	M.D.	Reader
Madhavilata Dixit	Swasthvrutta & Yoga	Ph.D.	Lecturer
Madhavi Surdkar	Kayachikitsa	M.D.	Lecturer
Sampat Bhatane	Shalakya Tantra	M.D.	Lecturer
Sangita Karlekar	Steeroga	M.D.	Lecturer
Somnath Hebli	Sharir Kriya	BAMS D.G.Dip.	Lecturer
Anand Pol	Rognidan & Virktividnyan	M.D.	Lecturer
Vidula Garud	Rognidan & Virktividnyan	M.D.	Lecturer

Pranav Bhagwat	Sharir Rachana	M.D.	Lecturer
N. V. B. Reddy	Rasashastra Bhaishajyakalpana	M.D.	Lecturer
Subhashchandra Dutta	Shalya Tantra	M.D.	Lecturer
Sudipta Poddar	Balrog	M.D.	Lecturer
Bishnupriya Mohanty	Samhita	M.D.	Lecturer
Manish Joshi	Dravyaguna	M.D.	Lecturer
Shruti Khanduri	Rasashastra Bhaishajyakalpana	M.D.	Lecturer
G. Kusuma	Dravyaguna	M.D.	Lecturer
Sangram Keshari Das	Dravyaguna	M.D.	Lecturer
Sanjay Kumar Singh	Shalya Tantra	M.D.	Lecturer
M. Shridhar Rao	Rognidan Vikruti Vidnyan	M.D.	Lecturer/R.M.O.

5.36 Goa Medical College, Bambolim.

A. Year of Establishment: 1963

B. Principal's Name and Contact Address: V. G. Dhume, Dean,
Goa Medical College, Bambolim,

C. List of teaching staff:

Name	Department	Qualifications	Designation
Asha A. Naik	Biochemistry	MBBS, MD	Professor & Head
Chitra Y. Dhume	Biochemistry	MBBS, MD	Assoc. Professor
Tanuja Kamat	Biochemistry	MBBS, MD	Assoc. Professor
Manisha G. Audi	Biochemistry	MBBS, MD	Asst. Professor
Janu Zore	Biochemistry	MBBS	Asst. Lecturer
Sudeep Lokapure	Biochemistry	MBBS	Asst. Lecturer

<i>Carlos N. Menezes</i>	Biochemistry	MBBS, MD	Asst. Lecturer
A. M. Mesquita	TB & Chest	MD	Professor
Durga Lawande	TB & Chest	MD	Assoc. Professor
A. L. Da Costa	TB & Chest	MD	Asst. Professor
Uday C. Kakodkar	TB & Chest	MD	Lecturer
Lalita C Fernandes	TB & Chest	MD	Lecturer
Sanjivani Keny	TB & Chest	MD	Lecturer
J. S. C. Pereira	Pharmacology	MD	Professor & Head
S. A. Bhounsule	Pharmacology	MD	Assoc. Professor
P. N. Bhandare	Pharmacology	MD	Assoc. Professor
P. V. Rataboli	Pharmacology	MD	Asst. Professor
S. B. De Sa	Pharmacology	MD	Lecturer
I. A. Pereira	Pharmacology	MD	Lecturer
Y. S. Walke	Pharmacology	MD	Asst. Lecturer
L. J. Samuel	Pharmacology	MD	Asst. Lecturer
U. K. Chandelkar	Pharmacology	MBBS	Asst. Lecturer
S. D. Sahakari	Physiology	MBBS, MD	Professor
M. D. Nagvekar	Physiology	MBBS, MD	Assoc. Professor
J. R. Pednekar	Physiology	MBBS, MD	Assoc. Professor
S. R. Sardessai	Physiology	MBBS, MD	Asst. Professor
S. S. Audi	Physiology	MBBS, MD	Lecturer
S. S. Pandarbale	Physiology	MBBS, MD	Lecturer
Nandita Pereira	Physiology	MBBS, MD	Lecturer
Isabelle Coelho	Physiology	MBBS, MD	Asst. Lecturer
M. D. Kamble	Physiology	MBBS	Asst. Lecturer
S. R. Quadros	Physiology	MBBS, MD	Asst. Lecturer

D. D. Motghare	Preventive & Social Medicine	MD, BA	Professor & Head
A. M. A. Ferreira	Preventive & Social Medicine	MD, MNAMS	Assoc. Professor
Jagadish A. Cacodcar	Preventive & Social Medicine	MD	Assoc. Professor
Vanita Pinto	Preventive & Social Medicine	MD	Lecturer
Hemangini K. Shah	Preventive & Social Medicine	MD	Lecturer
Delia D'Souza	Preventive & Social Medicine	MD	Lecturer
Nadia Pinto	Preventive & Social Medicine	MD	Lecturer
Vidal D'Souza	Preventive & Social Medicine	MA, DPH Ed	Lecturer Health Ed.
M. S. Kulkarni	Preventive & Social Medicine	M. Sc	Lecturer
Y. D. Prasad	Preventive & Social Medicine	Ph D	Lecturer
Gokuldas H. Gaude	Preventive & Social Medicine	MBBS, DOIH	Asst. Lecturer
Nitin Dhupdale	Preventive & Social Medicine	MD	Asst. Lecturer
Amit Dias	Preventive & Social Medicine	MD	Asst. Lecturer
Frederick Vaz	Preventive & Social Medicine	MBBS	Asst. Lecturer
Archana Velip	Preventive & Social Medicine	MBBS	Asst. Lecturer
R. G. Wiseman Pinto	Pathology	MBBS,MD, DNB	Professor & Head
M. V. Mallya	Pathology	MBBS, MD, DNB	Associate Professor
Avril Dias	Pathology	MBBS, MD	Associate Professor
Francisco Couto	Pathology	MBBS, MD	Associate Professor
P. de Souza Rocha	Pathology	MBBS, MD	Associate Professor
S. R. S. Mandrekar	Pathology	MBBS, MD, DNB	Assistant Professor
S. Nadkarni	Pathology	MBBS, MD	Lecturer
S. Amonkar	Pathology	MBBS, MD, DNB	Lecturer
D. Lobo	Pathology	MBBS, MD	Lecturer
S. Palyekar	Pathology	MBBS	Assistant Lecturer
S. M. Pai Raiturkar	Pathology	MBBS, MD	Assistant Lecturer

V. M. D'Souza	Pathology	MBBS, MD	Assistant Lecturer
P. Rodrigues	Pathology	MBBS, MD	Assistant Lecturer
R. Bhat	Pathology	MBBS, MD	Assistant Lecturer
Dwen Dias	Pathology	MBBS, MD	Assistant Lecturer
<i>V. N. Jindal</i>	<i>Neurosurgery</i>	<i>MS, M Ch</i>	<i>Professor</i>
Ponraj K Sundaram	Neurosurgery	M Ch	Assoc. Professor
Farook Sayed	Neurosurgery	MBBS, DNB	Asst. Professor
Marilyn Nazareth	Anaesthesia	DA, MD	Professor & Head
Dalia Bhandare	Anaesthesia	DA, MD	Assoc. Professor
Shaila Kamat	Anaesthesia	DA, MD	Assoc. Professor
Shirley D'Souza	Anaesthesia	MD, DNB	Assoc. Professor
Yvonne Menezes	Anaesthesia	DA, MD	Asst. Professor
Chitra Juwarkar	Anaesthesia	MD	Lecturer
Sharmila Borkar	Anaesthesia	DA, MD	Lecturer
Leena Goel	Anaesthesia	MD	Lecturer
N. G. Dubhashi	Medicine	MD	Professor
J. P. Tiwari	Medicine	MD, DM	Professor
S. Y. Natekar	Medicine	MD	Assoc. Professor
Edwin Gomes	Medicine	MD	Assoc. Professor
Oscar Rebello	Medicine	MD	Assoc. Professor
Anar Khandeparkar	Medicine	MD	Assoc. Professor
Sunanda Amonkar	Medicine	MD	Asst. Professor
Viraj Khandeparkar	Medicine	MD	Lecturer
Rachita Gupta	Medicine	MD	Lecturer
Carmen Pereira	Medicine	MD	Lecturer
Dilip P. Amonkar	Surgery	MS	Professor & Head

F. P. Noronha	Surgery	MS	Professor
Jude Rodrigues	Surgery	MS, DNB	Assoc. Professor
Rajesh Patil	Surgery	MS	Assoc. Professor
Yuri Dias Amborcar	Surgery	MS, M Ch	Asst. Professor
Merwyn Correia	Surgery	MS	Asst. Professor
Radhika Raj	Surgery	MS	Lecturer
Prashant Lawande	Surgery	MS	Lecturer
Anant Ramani	Surgery	MS	Lecturer
Piedade Clemente	Surgery	MS	Lecturer
Reshma Salelkar	Surgery	MS, DNB	Lecturer
Prasad Nevrekar	Obstet & Gynaec.	MD, DGO	Professor & Head
Anjali Kamat	Obstet & Gynaec.	MD, DGO	Assoc. Professor
Savita Chandra	Obstet & Gynaec.	MD	Assoc. Professor
G. Pednekar	Obstet & Gynaec.	MD, DGO, DNB	Asst. Professor
Manjusha Jindal	Obstet & Gynaec.	MD, DGO	Asst. Professor
Pia Murial Cardoso	Obstet & Gynaec.	MD	Lecturer
Ajit Nagarsekar	Obstet & Gynaec.	MD, DNB	Lecturer
M. Sahastrabhojani	Obstet & Gynaec.	MD	Lecturer
P. E. Natekar	Anatomy	MS	Professor & Head
U. P. Bhate	Anatomy	MS	Assoc. Professor
M. P. Dias	Anatomy	MS	Assoc. Professor
Rajani N. Dubhashi	Anatomy	MS	Assoc. Professor
Deepa H. Kamat	Anatomy	MS	Lecturer
Fatima M. D'Souza	Anatomy	MS	Lecturer
Uday N. Kudalkar	Anatomy	MS	Lecturer
Shreya S. Bhandare	Anatomy	MBBS	Asst. Lecturer

Neelam R. Madhale	Anatomy	MS	Asst. Lecturer
Medora C. D'Souza	Anatomy	MS	Asst. Lecturer
Uttam Kamble	Anatomy	MBBS	Asst. Lecturer
Pradeep G. Naik	Ophthalmology	MS, DOMS, CTO	Professor & Head
Ugam P. S. Usgaonkar	Ophthalmology	MS, DOMS	Assoc. Professor
Vivek S. Naik	Ophthalmology	MS, DNB	Asst. Professor
Ravindra Panandikar	Ophthalmology	MS, DNB	Lecturer
<i>M. F. M Miranda</i>	Skin & VD	<i>DDV, DNB</i>	<i>Professor</i>
<i>Pankaj Shukla</i>	Skin & VD	<i>MD, DNB</i>	<i>Assoc. Professor</i>
<i>Rakhi Prabhudessai</i>	Skin & VD	<i>MD</i>	<i>Lecturer</i>
Savio Rodrigues	Microbiology	MD	Professor & Head
Neena V. Kharangate	Microbiology	MD	Assoc. Professor
Venkatesh Naik	Microbiology	MD	Assoc. Professor
Maria Jose W Pinto	Microbiology	MD	Asst. Professor
Padamjit Singh N.	Microbiology	MD	Lecturer
Ramona D'Souza	Microbiology	MD	Asst. Lecturer
Gurleen Kaur	Microbiology	MD	Asst. Lecturer
Sandhya Mendonca	Microbiology	MD	Asst. Lecturer
Shobha Parsekar	Microbiology	MBBS	Asst. Lecturer
Anuja Ganoo	Microbiology	MD	Asst. Lecturer
S. D. Sapeco	Forensic Medicine	MD	Professor
E. J. Rodrigues	Forensic Medicine	MD	Assoc. Professor
A. V. Fernandes	Forensic Medicine	MD	Lecturer
M. S. Ghodkirekar	Forensic Medicine	MD	Lecturer
S.S. Banaulikar	Forensic Medicine	MBBS	Lecturer

S. G. Perni	Forensic Medicine	MBBS	
G. S. Kamat	Forensic Medicine	MBBS, DGO	
C. P. Das	E.N.T	MS	Professor & Head
H. C. Goel	E.N.T	MS	Assoc. Professor
Sandesh Chodankar	E.N.T	D.N.B.	Asst. Professor
Camegie De Sa	E.N.T.	DLO/DNB	Lecturer
S. M. Bandekar	Orthopaedics	M.S.	Professor & Head
Carlos Barretto	Orthopaedics	M.S.	Assoc. Professor
Zelio D'mello	Orthopaedics	M.S.	Asst. Professor
S. Nadkarni	Orthopaedics	M.S., D.N.B	Lecturer
R. Kolwalkar	Orthopaedics	M.S., D.N.B	Lecturer
S. Vaigankar	Orthopaedics	M.S.	Lecturer

The highlights of major thrust areas of research and achievements of the College.

Indira Gandhi National Open University, New Delhi is conducting Postgraduate Diploma in Child Health in collaboration with Goa Medical College through distance learning mode.

DEPARTMENT OF PATHOLOGY

Incidence, nature and pattern of Kidney tumours in Goa.

Incidence, nature and pattern of malignant thyroid tumours.

Study of Salivary Gland tumors in Goa.

A comprehensive study of FNAC of Intra-abdominal lesions in Goa Medical College.

Analysis of Testicular & Para testicular tumours and tumour like lesions.

DEPARTMENT OF PHARMACOLOGY

ADR monitoring.

Antidepressant / Antianxiety effects of calcium channel blockers.

Prescription analysis.

DEPARTMENT OF ANAESTHESIOLOGY

Rohini Bhat, Addition of Butorphaanal to apidural 2% lignocaine with adrenaline to prolong duration and quality of analgesia in lower limb surgery.

Pooja Dukle, Addition of Midazolam to Intrathecal Bupivacaine to prolong duration and quality of analgesia in Major Gynecological Surgery.

Divya Mahaldar, Study of effects of Intrathecal Neostigmine Methylsulphate on the onset and duration of analgesia and motor blockade when added to hyperbaric bupivacaine.

Durga Borkar, Post Operative analgesia, a comparison of Diclofenac and Paracetamol suppositories.

Suparna B., Butrophenol in Brachial Plexus.

Charanya S., Labour Analgesia with Bupivacaine 0.125% and 0.25%.

DEPARTMENT OF ANATOMY

Dermetoglyphics study in Cancer of Breast: More has been written about the epidemiology of breast cancer than possibly any other form of cancer affecting the mankind. However, in the face of intense interest, only a paucity of attention has been given to the role of genetics in its etiology. This study represents an attempt by the investigators to provide a comprehensive coverage of breast cancer patients.

Fingerprints of 100 female breast cancer patients were studied for the purpose of finding a pattern that would identify those women with breast cancer or those who are predisposed to its development. Out of 100 patients, a pattern of 6 or more digital loops were identified more frequently in 66 women with breast cancer than those without the disease (p less than 0.01). The positive predictive values associated with 6 or more digital loops concluded that the digital dermatoglyphics may have a future role in identifying women either with or at increased rate risk for breast cancer such that either risk reduction measures or earlier therapy may be instituted.

DEPARTMENT OF MICROBIOLOGY

Pathogenecity Test for staphylococcus aureaus

Hepatitis B surface antigen, Hepatitis C antigen and VDRL as markers in HIV infected persons.

Posto-perative surgical wound infections

Colonization of Dentures with candida species.

A mycological study of Dermatophytoses.

Bacteriological study of community acquired urinary tract infections.

A bacteriological study of periodontal infections.

Estimation of CD4 counts in HIV +ve persons.

Sentinel surveillance of HIV in preselected groups of individuals.

Prevention of parent to child transmission (PPTCT), HIV testing for all antenatal women and provision for care and support.

DEPARTMENT OF PREVENTIVE & SOCIAL MEDICINE

The Department actively participated in several researches in collaboration with National Institute of Occupational Health, Ahmedabad. Embarked upon the current study on Chronic Renal Failure in Canacona since March 2003.

Phase I consisted of a descriptive study of the CRF cases in Canacona wherein 8 camps were conducted for the detection of all kidney disorders, including chronic renal failure. Trained health workers screened patients through house-to-house visits. Those with symptoms suggestive of kidney diseases were motivated to attend the kidney disease detection camps. The patients were clinically examined and underwent blood and urine examination as well as ultrasound examination to rule out Kidney Diseases. A team of physicians from Goa Medical College examined all the patients with symptoms suggestive of kidney diseases. These camps covered each of the Village Panchayats and the Municipality area of entire Canacona, namely Gaondongirim, Cotigao, Loliem, Maxem, Agonda, Khol, Shristhal and Chaudi.

Total of 798 patients were examined, more than 500 blood and urine samples were analyzed and more than 400 abdominal ultrasounds were performed. In addition to the above camps, follow-up camps were also held. The camps were successful in detecting many cases of CRF.

In Phase II a Case Control Study of CRF cases of Canacona Taluka and CRF cases from Bardez and Tiswadi Talukas is planned. National Institute of Occupational Health, Ahmedabad would be carrying out an environment study.

DEPARTMENT OF ORTHOPAEDICS

Total joint replacements (Knee & Hip)

Arthroscopy of knee (diagnostic & therapeutic)

Spinal Instrumentation

Reconstructions of Pelvi Acetabular fracrures

Interlocking nailings(Femur/Tibia/Humerus)

F. Achievements (Rank/Merit in the University Examination/Sports activities).

Ranks/Merit:

M.B.B.S. (Anatomy) July 2003 - 93%

M.B.B.S. September 2003 - 96%

P.G., M.S. (Human Anatomy) 100%

Gold Medal in Obst & Gynae., Awarded to Brenan Tawaris in MD (Obst & Gynae) in 2003.

Sports activities:

Goa Medical College participated in Intercollegiate tournaments organized by the Goa University for the year 2003-04 as detailed below:

Badminton	Football
Table Tennis	Athletics
Chess	Lawn Tennis
Cricket	Best Physique
Volley ball	Swimming

Chess and Best Physique were won by Goa Medical College and in swimming, Goa Medical College got the 2nd position. On the socio-cultural front, the students of the college secured the 1st prize at the 'happenings 04' organized by G.E.C., Farmagudi.

G. Any other information:

(c) Any other special achievement by students/staff.

Various members of the staff of the Department attended National Conference, CME's and Workshop in Pathology and were also faculty for Scientific programmes.

Prasad Nevrekar, Professor & Head, Dept. of OBG was invited by London School of Hygiene, University of London for Annual Meeting in Nov. 2003.

S. M. Bandekar did first Total Knee Arthroplasty in Goa Medical College

5.37 Shri. Kamaxidevi Homeopathic Medical College & Hospital, Shiroda.

A. Year of Establishment: 1998 – 1999.

B. Principal's name & contact address: Arvind Kothe

F – 5, Tip-Top Mansion – I,

Dhawali, Ponda – Goa.

Ph.No.(Res.)0832 – 2315978, 2314504

Ph.No.(Off.)0832 – 2306842, 2307441

Ph.No.(Hosp.)0832 – 2306218

e-mail: arvindkoth@indiatimes.com

C. List of teaching staff:

Name	Department	Qualification	Designation
Arvind Kothe	Materia Medica	D.H.B., D.H.M.S., P.G.C.R.	Prin. & Prof.
V. J. Monteiro	Anatomy	M.B.B.S., M.S.	Professor
R. B. Desai	Anatomy	M. Sc.	Professor
S. D. Naik	Anatomy	B.H.M.S.	Lecturer
R. A. Dhume	Physiology	M.D., M.A.M.S.	Professor
Jean Antao	Physiology	B.H.M.S.	Lecturer
Shanta Shaikh	Physiology	B.H.M.S.	Lecturer
R. R. Shirwaikar	Hom. Pharmacy	B.H.M.S.	Lecturer
Urmila Teli	Hom. Pharmacy	B.H.M.S.	Lecturer
Babita Angle	Pathology	M.D.	Asst. Professor
Poonam Raikar	Pathology	B.H.M.S.	Lecturer
G. Zoya Joao	Pathology	B.H.M.S.	Lecturer
Lewis Da'Silva	F.M. T	B.H.M.S.	Lecturer
Vibhav Pai Angle	P.S.M.	B.H.M.S.	Lecturer
Fatima D'Costa	Surgery	B.H.M.S.	Lecturer
Malini Dessai	Gynaecology/Obs.	B.H.M.S.	Lecturer
Sneha Karandikar	Medicine	B.H.M.S.	Lecturer
Anjali Chodnekar	Organon	B.H.M.S./M.D.	Lecturer
Francis Fernandes	Organon	B.H.M.S.	Lecturer
Rochelle Rebello	Organon	M.A.(Psychology)	Lecturer

Suresh Kumar Barik	Repertory	M.D.	Lecturer
Sneha Dharangutti	Mat.Medica	B.H.M.S.	Lecturer
Anna Cardozo	Mat.Medica	B.H.M.S.	Lecturer
Leena Naik	Mat.Medica	B.H.M.S.	Lecturer
Nithila Desai	Mat.Medica	B.H.M.S.	Lecturer
Susheel Neogi	Mat.Medica	B.H.M.S.	Lecturer

The highlights of major thrust areas of research and achievements of the College.

A. Drug Proving Research Activity:

The Central Council for Research in Homoeopathy, Ministry of Health & Family Welfare, Govt. of India has consented to provide necessary technical guidance for the Drug Proving Unit of this College. K. P. Muzumdar, Former Director, NIH & Visiting Faculty to this institute is the Resource Person for this project.

The Drug proving is a unique process of Pharmacodynamics – knowing the therapeutic action of the drug by administering the medicinal substances in micro doses prepared by the method potentization. The activity is useful in adding the data to partially proved remedies as well as to introduce new medicine.

B. Effects of Homoeopathic Treatment in learning Disability.

C. Effects of Gymnema Sylvestre in Non Insulin Dependant Diabetes Melutus (NIDDM).

D. Critical Study of "Silicea" based on source books and evolving it's portrait.

E. Project on Clinical Repertory of convulsive disorders.

F. Achievements (Rank/ Merit in the University Examinations/Sports Activities).

Rank/Merit:

Year	Name of the candidate	Rank	Total marks	Percentage
I – BHMS	Barros Vidyata	First	781	65.08%
	Kantak Priya	Second	771	64.25%
	Furtado Abigail	Third	768	64.00%
II – BHMS	Borkar Shradha	First	649	64.90%
	Kanekar Trupti	Second	624	62.40%
	Azariah Fredric	Third	623	62.30%
III – BHMS	Naik Madhavi	First	1076	71.73%
	Pai Vaishali	Second	1010	69.93%
	Fondekar Dattaprasad	Third	1004	67.33%
IV – BHMS	Fernandes Pankiya	First	651	65.10%
	Estibero Aloma	Second	644	64.40%
	Simoes Ryan John	Third	642	64.20%

Sports Activities:

Organised All Goa State Inter Medical and Paramedical college Cricket Tournament from 15th to 22nd Feb. 2004.

Participated in Tournament organized by Goa University: Football, Chess, Badminton & Weight Lifting.

G. Any other information.

a) Awards/ Honours conferred.

University Gold Medal to Sushen P. Shirodkar

Gold Medal sponsored by Shri Kamaxidevi Homoeopathic Medical College to the Top Notcher of Final BHMS Examination of Goa University.

c) Any other Special Achievement by students/staff.

Educational Tour – visit to pharmaceutical production units.

Participation in Career Guidance fair at Panaji on 28th & 29th Jan. 2004 organised by Board of Technical Education, Govt. of Goa & at Sanquelim on 31st January & 1st Feb. 2004 organised by Yuva Mahotsav.

Organised 23 Medical Camps at various places in Goa and approximately 1876 Patients attended these camps.

Under the NSS activity the college undertook Blood Donation Camp and Free Homeopathic Treatment Camp.

5.38 National Hydrographic School, Vasco-Da-Gama.

A. Year of Establishment: 1978

B. Principal's Name and Contact Address: Cdr P. I. Mathews

Officer-in-Charge

National Hydrographic School

C/O Headquarters, Goa Naval Area

Vasco-da-Gama, Goa -403 802

C. List of teaching staff:

Name	Department	Qualifications	Designation
Cdr P. I. Mathews	--	M.Sc.	Officer-in-Charge
Lt Cdr A. Sreedharan	--	B.Sc.	Chief Instructor
Cdr G. S. Pujar	Faculty of Technical Orientation	B.E.	Electrical Officer, Head of Faculty of Technical Orientation
Lt Cdr A. K. Sharma	Faculty of Ancillary Hydrographic	M.Sc.	Education Officer, Head of Faculty of Ancillary Hydrographic

Lt Cdr Rajesh Bargoti	Faculty of Hydrographic Control	MHS	Head of Faculty of Hydrographic Control
Lt Cdr S. K. Nair	Faculty of Hydrographic Control	MHS	Controller of Examination, System Manager, Member of Faculty of Hydrographic Control
Lt Cdr Deepak Sharma	Faculty of Hydrographic Practice	B.Sc.	Head of Faculty of Hydrographic Practice
Lt. R. B. Menon	Faculty of Hydrographic Practice	MHS	Member of Faculty of Hydrographic Practice

5.39 Padre Conceicao College of Engineering, Verna.

A. Year of Establishment: 1997

B. Principal's Name and Contact Address: R. P. Adgaonkar

Padre Conceicao College of Engineering,

Agnel Gaunv, Verna-Goa 403 722.

Tel: 91-832-2791266/67

Fax: 91-832-2791268

C. List of the teaching staff:

Name	Department	Qualifications	Designation
C.R.Venkataramana	Mechanical Engineering	Ph.D.	Professor & Head
Dayanand Pai	Mechanical Engineering	M.E.	Asst. Professor
Vinay Shirodkar	Mechanical Engineering	M.E.	Asst. Professor
Suraj Rane	Mechanical Engineering	M.E.	Lecturer (S.S.)
Geetalashmi K.	Mechanical Engineering	M.Tech	Lecturer
Jaganath Hirkude	Mechanical Engineering	M.Tech	Lecturer
Ravindra S.	Mechanical Engineering	M.Tech	Lecturer

V. Suryavanshi	Mechanical Engineering	M.Tech	Lecturer
Neena Panandikar	Mechanical Engineering	B.E.	Lecturer
Tania Gomes	Mechanical Engineering	B.E.	Lecturer
Joe Kurian	Mechanical Engineering	B.E.	Lecturer
Pravin Malik	Mechanical Engineering	B.E.	Lecturer
Mahesh Caisucar	Mechanical Engineering	M.E.	Lecturer
K. R. Pai	Electronics & Telecommunication	Ph.D.	Professor & Head
Jose Iven	Electronics & Telecommunication	M.Tech.	Lecturer
J. Devate	Electronics & Telecommunication	M.Tech.	Asst. Professor
Sangeeta V. Goud	Electronics & Telecommunication	M.Tech.	Asst. Professor
Komala Soares	Electronics & Telecommunication	M.E.	Lecturer
Manisha Crasto	Electronics & Telecommunication	B.E.	Lecturer
Supriya Patil	Electronics & Telecommunication	B.E.	Lecturer
Natasha Viegas	Electronics & Telecommunication	B.E.	Lecturer
Arun Torgal	Electronics & Telecommunication	B.E.	Lecturer
S. Khanolker	Electronics & Telecommunication	B.E.	Lecturer
Nayana Shenvi	Electronics & Telecommunication	B.E.	Lecturer
Niyan Marchon	Electronics & Telecommunication	B.E.	Lecturer
Shirley D' Costa	Electronics & Telecommunication	B.E.	Lecturer
R. P. Adgaonkar	Computer Engineering	Ph.D.	Principal
Anil Seth	Computer Engineering & IT	Ph.D.	Professor & Head
C. Sarma	Computer Engineering	M.E	Lecturer
Kavita Asnani	Computer Engineering	B.E.	Lecturer
Reena Dalvi	Computer Engineering	B.E.	Lecturer
Wenonah Jaques	Computer Engineering	B.E.	Lecturer
Anusha Pai	Computer Engineering	B.E.	Lecturer
Niranjan Naik	Computer Engineering	B.E.	Lecturer

Rohit Silva	Computer Engineering	B.E.	Lecturer
Vrinda Halarnkar	Computer Engineering	B.E.	Lecturer
Gautam Pallapa	Information Technology	M.Tech.	Asst. Professor
Olavo D' Souza	Information Technology	B.E.	Lecturer
A. Bhattacharya	Information Technology	B.E.	Lecturer
Ameya Wadekar	Information Technology	B.E.	Lecturer
Swapnil Sapre	Information Technology	B.E.	Lecturer
Stephen Barretto	Humanities	Ph.D.	Asst. Professor
V. V. Bhujle	Humanities	M.Sc.	Lecturer
Adarsh Handa	Humanities	M.Sc.	Lecturer
C. N. e Pereira	Humanities	M.Sc.	Lecturer
Staju Jacob	Humanities	MMS	Lecturer
Mahesh Wavare	Humanities	M.Sc.	Lecturer
Brian Antao	Computer Engineering (Internet)	Ph.D.	Professor

Part -Time Faculty

Alpana Borkar	Mechanical Engineering	B.E.	Lecturer
Veena Hirengange	Electronics & Telecommunication	B.E.	Lecturer
G. Rivonkar	Computer Engineering	B.E.	Lecturer
Kalpita Shirodkar	Computer Engineering	B.E.	Lecturer
Sachin Shirodkar	Information Technology	B.E.	Lecturer
L. Mascarenhas	Humanities	M.A.	Lecturer

The Highlights of major thrust areas of research and achievements of the College.

In strong recognition of Padre Conceicao College of Engineering as a Centre for Excellence in Engineering Education, AICTE accorded approval for the Post Graduate Program, M.E. in Information Technology. This program was formally launched at a high-level function held on 22nd Oct. 03. The Chief Guest for the function was Hon. Chief Minister, Govt. of Goa, Manohar Parrikar. The other dignitaries included Hon. Power

Minister, Digambar Kamat; Vice-Chancellor, Goa University, P. S. Zacharias; Local MLA, Alexio Sequeira and Gen. Sunith F. Rodrigues (Retd.), Sr. Member, Governing Council.

A Memorandum of Understanding was signed by S. R. Shetye, Director, National Institute of Oceanography, Dona Paula and Rev. Fr. Diniz, Vice Superior, Agnel Charities at Padre Conceicao College of Engineering, Verna. This will enable greater technical collaboration and allow for research and resource exchange between the two institutions.

The Inaugural Function of Silver Jubilee Celebration of the Foundation of Agnel Ashram was held on 15th Nov. 03. The Dignitaries present for the program were D. S. Negi, Chief Secretary, Govt. of Goa; S. L. Narayanamurthy, Advisor to the Government of Goa; Rev. Fr. Bento Rodrigues, Superior, Agnel Charities; Rev. Fr. Peter M. Rodrigues, Director, Agnel Technical Education Complex, Verna, Fr. Orlando Rodrigues Director, Fr. Agnel Technical Education Complex; Vashi, Rev. Fr. Alfredo Almeida, Assistant to Local Superior.

As a part of Silver Jubilee Celebrations of the Foundation of Agnel Ashram, the college organized an All India Quiz Competition- "Quiz Arena" on 23rd Feb. 04. There were 20 teams from professional colleges from outside Goa and 12 from local colleges and the Quiz Coordinator was Niyan Marchon, Lecturer in Electronics & Telecommunication Engineering. The first place went to Vishvesvaraya Technological University, Belgaum.

The Annual 3-day Festival of Technical Seminars "Techn-e-vision 2003" was organised from 11th to 13th Sept. 03. It was inaugurated by E. D Sa, Director, National Institute of Oceanography, Dona Paula, Goa. On this occasion, R. P. Agarwal, Director, IIIT, Gwalior, delivered 'The Fr. Agnelo Noronha Memorial Lecture' on 'Challenges to Technical Education in New Global Environment'. Besides, several seminars were presented by Prof. A. Selvarajan, IISc. Bangalore, K. G. Narayan Khedkar, IIT, Mumbai, Rajiv Wadhawa, CEO, Global-E-Secure, Mumbai and Commdr. Srinath, IM (Retd.), General Manager, Western Shipyard India Limited, Goa, to name a few.

The first ever meet of all ex-students was held on 6th Sept. 03. In a glittering function held at our college in the presence of Rev. Fr. Bento, Superior, Agnel Charities, Rev. Fr. Peter M. Rodrigues, Director, Rev. Fr. Orlando Rodrigues, Managing Director, Agnel Ashram Technical Complex, Vashi and others, the old students had a nostalgic meeting. A second meeting of the alumni committee was held in the college on 15th Nov. 03. The alumni association has been registered as "CONEXT" - Padre Conceicao College of Engineering Ex-Students Association.

The website of Fr. Agnel Ashram, Goa recently won the Golden Web Award instituted by an online consortium called International Association of Web Masters and Designers. It is a six monthly award and is a worldwide recognition of the quality and content of the website.

E. Ph.D. Degree conferred during June 2002 to May 2003 (if applicable)

Name of Candidate	Name of the Guide	Title of thesis	Subject
C. R. Venkataramana	Vince Joseph	"Combustion process simulation on Vegetable oil (Rice Bran Oil)	"Energy Systems"

		Fueled CI Engine".	
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F. Achievements (Rank/ Merit in the University Examinations/Sports Activities).

Rank/ Merit:

Electronics & Telecommunication Engineering:

1st Rank: Pravin Kumar; 3rd Rank: Rohin Pinto

Mechanical Engineering:

1st Rank: Pravin Malik; 3rd Rank: Rajay Sardesa

Sports Activities:

Inter Collegiate Chess Tournament: Siddesh Kamat, Nitin Parab, Rupesh Prabhugaonkar, Ramchandra Salgaonkar, Atmaram Shetye, Vineet Shetye- Runners Up

Inter Collegiate Tournament Power Lifting: Sinai Zaqui Akhil Anand – Gold Medal.

Inter Collegiate Tournament Swimming: Prachi Lotlikar – Gold Medal.

5.40 Devi Sharvani Education Society's Goa Institute of Management Studies, Miramar-Panaji.

A. Year of Establishment: 1977

B. Principal's Name and Contact Address: Anand R. Naik

Devi Sharvani Education Society's Goa Institute of Management Studies, Miramar-Panaji.

A. List of the teaching staff:

Name	Department	Qualifications	Designation
Anand R. Naik	Management Process	M.B.A.	Director

Part -Time Faculty

Name	Department	Qualifications
Savari Muthu I.	Finance	B. Phil.
Prabodh K. Kamat	Finance	B. E., DBM
P. R. Mahambre	Computer	B.Sc., AMIE
Narayan K. Prabhu	Human Resources	LL.B.
Mousami Kamat	Finance	C.A.
M. U. Paily	Human Resource	Ph.D.
Mario D'Souza	Marketing	M.B.A
Staju Jacob	Marketing	M.M.S.
Manoj Kamat	Economics	M.Com.
C. M. Ramesh	Strategic Management	M.M.S.
Raj Goel	Marketing	M.B.A
Jean Silva	Prod./Operation Mgt.	M.E.
Pravin Gharlute	Marketing	M.P.M.
Rajiv Kudke	Computer	B.E.
Venkatesh Prabhu	Computer	M.C.A
R. R. Nayak	Marketing	B.Com.
Nikhil Vererker	Economics	LL.B.
Rajesh Chedda	Finance	C.A.
Pramath Nath	Human Resource	LL.B
M. R. K. Prasad	Legal Aspects of Business	LL.M

5.41 V. V. M's H. M. N. Gaunekar Institute of Management Training and Research, Margao.

A. Year of Establishment: 1981

B. Principal's Name and Contact Address: A. Suresh Rao, Director

H.M.N. Gaunekar Institute of
Management Training & Research, Margao

Shree Damodar College Complex

Govind Ramnath Kare Road

P.O. Box 413, Tansor, Comba,

Margao, Goa 403 601.

C. List of teaching staff:

Name	Department	Qualifications	Designation
A. Suresh Rao	Management	M.B.A.	Director

Part -Time Faculty

Rodney D'Silva	Management	M.M.S	Associate Faculty
Vinod Pawar	Management	LL.M.	Associate Faculty
Santosh Virnodkar	Management	M.Com., D.F.M.	Associate Faculty
R. Singh	Management	M.B.A.	Associate Faculty
L.M.Bhat	Management	B.Sc., D.C.A	Associate Faculty
R.V.Sarjyotishi	Management	Ph.D.	Associate Faculty
K. Raghavendran	Management	M.B.A.	Associate Faculty

5.42 All Indian Institute of Local Self Government, Panaji.

- A. Year of Establishment: 2000 – 2001
- B. Principal's Name and Contact Address: A. G. Khanolkar, Asst. Director
Panaji – Goa 403001

5.43 INS Hamla, Mumbai.

- A. Year of Establishment: 2001
- B. Principal's Name and Contact Address: Capt. Jayawant Korde
- C. List of the teaching staff:

Name	Department	Qualifications	Designation
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Capt.Jayawant Korde	-	LL.MC, PSC, LDMC	Commanding Officer
Cdr. Vinay Kumar	-	B.Sc., LL.MC	Executive Officer
Cdr. P. P. Singh	-	M.A., LL.B	O I/C Civilian Training
Cdr. G. V. Bhushan	-	B.Sc., LL.MC	Training Commander
Lt. Cdr D. B. Rokde	-	B. Com.	Training Officer
Lt. Cdr Ranjit Singh	-	B. Sc., ALCC, LEDP	Training Cdr
Lt. Cdr A. P. Dureha	-	B.Sc., LEDP	Sr. Training Officer
Lt. Cdr V. R. R. Reddy	-	B.Sc., LL.MC	Sr. Trg Coordinator/Officer
Lt. Cdr Banwari Lal	-	M.B.A.	Logistics Officer
Lt. Cdr MSRK Raju	-	B.Sc., LEDP	Works Officer
Lt. Cdr Ranadeep Bose	-	B.A., LL.MC	Directing Staff
Lt. S. Sunil Kumar	-	B.Sc., LL.MC	Directing Staff
Lt. P. Devi	-	B.E., M.B.A	Asst. Education Officer
Lt. Bhavna Sharma	-	M.Cs.	Directing Staff
Lt. Zeena Chakborty	-	B.E.	Directing Staff

5.44 Shree Rayeshwar Institute Of Engineering & Information Technology, Shiv shail, Karai - Shiroda.

A. Year of Establishment: 2001

B. Principal's name and contact address: Col. Rakesh Sharma, FIETE

Shree Rayeshwar Institute of Engineering &
Information Technology, Shiv Shail, Karai,
Shiroda-Goa.

C. List of teaching staff:

Name	Department	Qualification	Designation
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Shyam Nayse	I.T.	M.E.	Asst. Professor
Prakash Prabhu	E & TC	B.E.	Lecturer
Shajahan Kutty	E & TC	B.E.	Lecturer
Shailendra Aswale	I.T.	B.E.	Lecturer
Sanjay Patil	General Engg.	M.Tech.	Lecturer
Newton Fernandes	General Engg.	B.E.	Lecturer
Janice Da Silva	General Engg.	M.Sc.	Lecturer
Gautam Kamat	General Engg.	M.E.	Lecturer
Sangam Borkar	E & TC	B.E.	Lecturer
Laxmikant Bordekar	E & TC	B.E.	Lecturer
Geeta Patil	Computer	B.E.	Lecturer

The highlights of major thrust areas of research and achievements of the College.

The Institute is out of the embryonic stage and is in the process of committing itself to enhance the technical prowess of the students by way of calling distinguished personalities of various technical domains, upgrading the lab and ameliorating the job prospects of each and every graduate through HR Connect and Personality Development Courses. The Institute has also been offered the University Entry Scheme for selecting technical brains for the defense services.

F. Achievements (Rank/Merit in the University Examination/Sports activities).

Sports activities:

Wilson K. Cruz, a student from S.E.I.T. Won:(i) 2nd place in All Goa Senior Lightning Chess Championship held in Nov. 03 at Mapusa-Goa. (ii) 60th place in the 41st World junior Chess Championship held at Cida De Goa in Dec. 03.

The Institute Chess Team (Wilson K. Cruz, Dinesh Shetye, S. Saroon and Pradish Nair) won the 2nd place in All Goa Inter-Collegiate Chess Championship held at Padre Conceicao College of Engineering, Verna-Goa.

The Institute Badminton Team (Siddhesh Wargaonkar, Amogh Naik, Praveen Kamat, Nilesh Digde, Vaibhav Kamat) reached the last eight in the Inter Collegiate Badminton Tournament.

The Institute Chess Team (Wilson Cruz, Uppund Fadte, Dinesh Shetye, Vaibhav Kamat, Sandesh Dessai, Sanjeet Naik) got 2nd place in the Inter Collegiate Chess Tournament at Goa University.

Pankaj Dessai has been awarded Silver Medal for Best Physique in Men's 65-70 kg. Category at Intercollegiate competition organized by Goa University.

Irfan Sayed has been awarded Bronze Medal for the Best Physique in Men's 65-70 kg category at Inter Collegiate Competition organized by Goa University.

G. Any other information:

c) Any other Special Achievement by students/staff.

Industry Oriented Software Cell has been constituted in the Institute to cater to Goa Industry oriented software in which the staff and students will work as a team. A software developer from the TATA Consultancy Group has also joined the Institute and is part of the Core Team.



PART 6: RECOGNISED INSTITUTIONS

6.0 List of Recognised Institutions:

1. Xavier Centre of Historical Research, Alto Porvorim
2. Malaria Research Centre, Panaji
3. Directorate of Archives, Panaji
4. National Institute of Oceanography, Dona Paula
5. National Centre for Antarctic & Ocean Research, Vasco-da-gama
6. Thomas Stephens Konknni Kendr, Porvorim
7. Fisheries Survey of India

6.1 Xavier Centre of Historical Research, Alto Porvorim.

A. Year of Establishment: 1978

B. Principal's/Directors name and contact address: Delio de Mendonça

Xavier Centre of Historical Research

Alto Porvorim Goa 403 521.

Tel: 2414971 (D) 2417772 (Off)

xchr@eth.net

C. List of staff:

Name	Designation
Delio de Mendonça	Director
Savio Abreu	Administrator
Avelino Carvalho	Office Secretary
L. M. D'Souza	Librarian
Arti Mayekar	Library Assistant
Thomas Mendes	Office Attendant
Archana Dhargalkar	Maintenance
Rajendra Minz	Maintenance
Sunil Ekka	Maintenance

The highlights of major thrust areas of research and achievements of the Institution.

Library: The Xavier Centre of Historical Research, through its library, publications and academic staff, offered research facilities and guidance in areas related to Goan, Indo-Portuguese and Indian history. Computerisation of the library is going on and readers will have access to this information soon.

Museum: The museum of the XCHR offers its visitors a glimpse of Goan art as well. The purpose is to make Goans/visitors more thoughtful of Goan history, culture, heritage

and identity. The Xavier Centre is also planning to set up a mini-auditorium to complement the museum and research activity.

Portuguese Courses: The XCHR conducted several basic courses in Portuguese language. The courses aim at providing the required tool for those who have to handle documentation in Portuguese language.

The Centre planned regularly talks/discussion during its History Hour, which takes place once a month.

Seminar: The Xavier Centre organized a seminar titled "The Church in the Evolving Society of Goa" in October 2003. Proceedings will be published.

A book titled *Jesuits in India: Vision and Challenges*, Délio de Mendonça (ed.), containing 25 articles, was published in 2003.

6.2 Malaria Research Centre (ICMR), Panaji.

A. Year of Establishment:

B. Principal's/Directors name and contact address: Ashwani Kumar, Officer-In-Charge

Directorate of Health Services Building,
Campal, Panaji, Goa-403 001

Tel: 0832-2222444(Off.) Fax: 2222444.

Research Projects:

1. Technology Transfer of Bioenvironmental control of malaria to the Mormugao Port.
2. WHO sponsored study on Assessment of therapeutic efficacy of chloroquine in *P. vivax* malaria in Navi Mumbai.
4. Studies on susceptibility of *An. stephensi* to the insecticides DDT, Malathion and Deltamethrin.
5. Geographical Reconnaissance of vector breeding habitats for Advocacy of urban malaria control in Goa.
6. Testing of Rapid diagnostic kits for *P. falciparum* malaria.
7. Field Evaluation of Primiphos Methyl (50% EC) for vector control.
8. Estimation of Malaria Disease Burden in India.
9. Assessment of asymptomatic malaria in migrant labour population.

10. WHO sponsored study on assessment of therapeutic efficacy of chloroquine in uncomplicated *P. falciparum* malaria in Goa.

6.3 Directorate of Archives & Archaeology, Panaji.

- A. Year of Establishment: 1595
- B. Principal's/Director's name and contact address: M. L. Dicholkar, Director,
Directorate of Archives & Archaeology,
Panaji.

6.4 National Institute of Oceanography, Dona Paula.

- A. Year of Establishment: 1966
- B. Principal's/Director's name and contact address: Satish Shetye, Director
Dona Paula, Goa.
www.nio.org

The highlights of major thrust areas of research and achievements of the Institution.

Its multidisciplinary ocean research programme covers four broad areas: Coastal environment, Engineering & Techniques, Ocean processes and Ocean resources. The institute also undertakes contract research and offers advisories to various agencies on aspects of coastal zone development, seabed exploration, pollution control, technology development and other areas of ocean sciences.

6.5 National Centre for Antarctic & Ocean Research (NCAOR), Vasco-Da-Gama.

A. Year of Establishment: 1998

B. Principal's/Director's name and contact address: P. C. Pandey, Director

National Centre for Antarctic &
Ocean Research, Headland Sada
Vasco-da-Gama, Goa – 403 804.

C. List of staff:

Name	Designation
P. C. Pandey	Director
T. V. P. Bhaskara Rao	Scientist F
M. Sudhakar	Scientist F
S. Rajan	Scientist F
N. Khare	Scientist D
A. Shivaji	Scientist C
Thamban Meloth	Scientist C
Dhananjai Kumar Pandey	Scientist C
N. S. Dalvi	Administrative Officer
Shripathi K.	Executive (Finance)
K. Venkateswarlu	Executive (Procurement)
Ganesh Chandvale	Executive Assistant (Technical)
M. M. Subramaniam	Executive Assistant (Technical)
Kishore Kulkarni	Executive Assistant (Finance)
Harisha Prabhu	Executive Assistant (Finance)
Kaushambi Prashad	Executive Assistant (Finance)
Manoj Jayant Oturkar	Executive Assistant (Procurement)
Santosh Kumar Pandey	Executive Assistant (Admn.)

Koushik Saha	Jr. Executive Assistant (Stores)
Reena R. Parsekar	Senior Office Asst. (Steno)
H. Nagoji Rao	Senior Office Asst. (Steno)
Pradeep Kumar Sharma	Senior Office Asst. (Admn.)
Alok Shukla	Sr Off Asst. (Public Relations)
Kennedy C. Sequeira	Junior Office Asst. (Admn.)
Sarita Honavarkar	Junior Office Asst. (Admn.)
Anemi Lakshmana Rao	Junior Office Assistant (Admn)
Santosh Naik	Driver cum Helper
Shyamala K. G. Nair	Peon
Tolu D. Velip	Helper
Umesh Halarnkar	Helper
Tari P. Narayan	Chowkidar
Jadhav Kishore Kalgo.	Chowkidar
Radhika Sawant	Safaiwala
Sita R. Bandekar	Safaiwala
Vir Uttam Navso	Gardener

List of Research Scientist purely temporary on contract basis

Anju Tiwary	Sc. D
Shiv Mohan Singh	Sc. C
John Kurian	Sc. C
Rahul Mohan	Sc. C
Subodh Kumar Chaturvedi	Sc. C
Anoop Kumar Tiwari	Sc. C
Alvarinho Luis	Sc. C

Anilkumar N.	Sc. C
Witty A. D'Souza	Sc. C
K.V. Swamy	Sc. C
Yatheesh Vadakkeyakath	Sc. C
Rajkumar A.	Sc. B
Praveen Vohat	Sc. B
Upendra Kumar Singh	Sc. B
Vijayalaxmi Nadurmah	Sc. B
K. N. Babu	Sc. B
Mihir Kumar Dash	Sc. B
Sushant Naik	Sc. B

INSTITUTIONAL FRAMEWORK

The institutional framework of NCAOR is a reflection of its mandated responsibility as the nodal agency for planning, promotion, coordination and execution of the entire gamut of polar and southern ocean scientific research in the country as well as for the associated logistic activities. The centre also provides oceanographic survey and service support to major national and international scientific programs and is responsible for the management of the Ocean Research Vessel Sagar Kanya of the Department of Ocean Development.

- ❖ The National Centre for Antarctic & Ocean Research (NCAOR) was established as an autonomous R & D Institution of the Department of Ocean Development (DOD) on the 25th May 1998.
- ❖ With a mission mandate that is quite challenging, the Centre is designated as the nodal organisation for the co-ordination and implementation of the Indian Antarctic Programme, including the maintenance of India's permanent station in Antarctica.
- ❖ Spread across 147,660 sq. mts sprawling area, set atop a picturesque plateau, NCAOR is located in India's most seafaring state of Goa.
- ❖ At NCAOR the scientific mandate is multidisciplinary. Operating in a complex matrix, which has as its focal theme, research in those areas of the polar science currently not being undertaken by any other institution in India.
- ❖ In a rapid stride, not only have the basic infrastructure and computing facilities been established, but also true scientific recognition earned. The Universities of Goa and Mangalore have recognized NCAOR as a research centre for the pursuit of doctoral research.
- ❖ India's commitment to continue research in Antarctica and also to preserve the pristine environment was given a concrete shape with the establishment of the first polar and R&D lab at NCAOR. For the first time in the country, a low temperature laboratory complex at -25° C has been established for the preservation and analysis

of ice core and snow samples, not only from Antarctica but also from Himalayas. In addition, an ultra clean laboratory has been established to study the ice samples in a pristine environment.

- ❖ NCAOR is also on its way to establishing a National Antarctic Data Centre and a Polar Museum, first of their kind in the country.
- ❖ The jewel in the NCAOR's scientific crown is the upkeep of the year round Indian station in Antarctica, 'Maitri'. Maitri was established in 1989 and allows Indian scientists to conduct critical studies across all areas of polar research. This is a modern station that has comfortable living accommodation, a well-equipped library and a state of the art laboratory & communication system.
- ❖ Another important mandate given to NCAOR is the management of Oceanic Research Vessel (ORV) Sagar Kanya – a multidisciplinary Oceanographic Research Vessel dedicated to the survey & exploration of high seas. Commissioned in 1983, Sagar Kanya has been the flagship of the country for multi-agency oceanographic studies in Arabian Sea, Bay of Bengal and Indian Ocean. The vessel has contributed extensively for understanding the seas around the Indian sub-continent during the last seventeen years.
- ❖ NCAOR research is forever dedicated to adding global value, by extending the frontiers of science. This has found a multifaceted expression, through participation in global experiments, hosting of international conferences and in the leadership of international committees concerned with this endeavor.

6.6 Thomas Stephens Konknni Kendr, Porvorim.

A. Year of Establishment: 1986

B. Principal's/Director's name and contact address: Pratap Naik, S.J.
 Thomas Stephens Konknni Kendr
 B. B. Borkar Road
 Alto Porvorim, Goa – 403 521
 Phone No: 2415857, 2415864
 E-mail:skk goa@sancharnet.in

C. List of the staff:

Name	Qualification	Designation
Pratap Naik, S. J.	Ph.D.	Director
Matthew Almeida, S. J.	Ph.D.	Researcher
Netra Veluskar	B.A.	Researcher

Preeta Naik	B.L.Sc.	Librarian
Genoveva Fernandes	B.Com.	Office Secretary
Shankar Chari	S.S.C.	Office Attendant
Shalini Priolkar		Office Attendant
Jalandar Naik		Gardener

The highlights of major thrust areas of research and achievements of the Institution.

TSKK has set itself the task of working for Konkani Culture by a scientific study and promotion of Konkani language, literature, folklore and related forms of Konkani culture. The main work is education and research in Konkani. The center has been involved in the following:

Writing grammars such as the descriptive grammar and research articles for periodicals; compiling the linguistic glossary and dictionary project; writing courses to teach Konkani, such as Konkani basic, intermediate and advanced courses; promoting literature by transliterating works into Devanagari from other scripts; research, critical editing and publishing of old Konkani works; preparing and publishing children's books and cassettes; giving various courses to Konkani teachers and Konkani learners; writing articles for research periodicals, giving radio broadcasts; providing research guidance and library facilities to Ph.D. students and other scholars; efforts to standardize the orthography of the three different scripts of Konkani. Conducting courses for teachers of schools and college level. Conducting one year Postgraduate Konkani Diploma. Publication of Research books. TSKK has its own research bulletin Sod

G. Any other information:

(a) Awards/Honours conferred.

Antonio Pereira Konknni Puroskar (APKP) for the year 2003 was conferred on Prabhakar Tendulkar a renowned Konkani writer and journalist. The award consisted Rs. 25,000/- and was honoured with a shawl and a special memento.

M. A. (Konkani) students Santoshi Bhandare, Rama Murkunde, Jofa Gonsalves and Synthia Mhamai were given Fr. Lederle Memorial Scholarships.

B. A. (Konkani) students Sapna Savikar and Parveza Shaikh of Govt. College, Sanquelim were awarded Carvalho Family Scholarships.

Jean-Pierre Angenot and Geralda de Lima V. Angenot of Rondonia University, Brazil are visiting Professors at TSKK for the period 2003-2008.

6.7 Fisheries Survey of India

A. Year of Establishment:

- B. Principal's/Director's name and contact address: M. E. John
Marmugao Zonal base
Marmugao - Goa



PART 7: FINANCIAL STATEMENT

7.1	Expenditure (Rs. in lakhs)					
	Budget Estimates (2003-2004)			Revised Estimates (2003-2004)		
	Recurring	Non-recurring	Total	Recurring	Non-recurring	Total
Plan	399.52	66.20	465.72	397.33	44.33	441.66
Non-Plan	636.87	-	636.87	666.36	5.00	671.36

	Actual (2003-2004)			Budget Estimates (2004-2005)		
	Recurring	Non-recurring	Total	Recurring	Non-recurring	Total
Plan				430.41	66.47	496.88
Non-Plan				684.01	-	684.01

7.2	Grants	
7.2.1	Grants from University Grants Commission	

1.	INFONET	25,26,000.00
2.	Salary Grants - ASC	10,00,000.00
3.	Computer Laboratory facilities - ASC	20,00,000.00
4.	Net Exam	38,465.00
5.	Xth Plan Development Grants	81,00,000.0
6.	Award of teachers fellowship - Ms. M.A. Lalitha	25,877.00
7.	Major Research Project– Srinivasan	87,824.00
8.	J.R. Fellowship to Mr. Babu George	1,69,800.00
9.	SAP Programme - Dept of Chemistry.	5,11,077.00
10.	SAP Programme – Department of Physics	87,139.00

7.2.2 Grants from Central Government Department and other agencies			
01.	Department of Ocean Development, New Delhi	Research Project of R. Roy, Department of Zoology	1,44,581.00
		Research Project of I. Furtado, Department of Microbiology	3,18,739.00
		Research Project of G. N. Nayak, Department of Marine Science	12,87,000.00
		Manpower Development Project of S. Bhosale, Department of Microbiology	2,83,740.00
02.	CSIR, New Delhi	Research Project of S. Krishnan, Department of Botany	27,600.00
		Research Project by Savita Kerkar, Department of Marine Biotechnology	2,60,042.00
		Research Project of A.B. Shanbhag, Department of Zoology	3,66,833.00
		CSIR Fellowships	8,60,756.00
		Research Project of D. J. Bhat,	2,80,000.00

		Department of Botany	
03.	Department of Atomic Energy, Mumbai	NBHM Research Award	25,000.00

		Research Project of V. S. Nadkarni, Department of Chemistry	3,18,150.00
		NBHM Grants for Books & Journals - Department of Mathematics	2,50,000.00
04.	Department of Science & Technology, New Delhi	Research Project A. G. Dessai	1,50,000.00
		FIST programme - Department of Mathematics	13,50,000.00
		FIST programme - Department of Earth Science	26,50,000.00
		FIST Programme - Department of Chemistry	20,00,000.00
		Research Project of R. V. Pai, Department of Physics	1,50,000.00
		Research Project of S. Krishnan, Department of Botany.	1,00,000.00
		Research Project of P. K. Sharma, Department of Botany	2,00,000.00
		P. A. C. meeting - Department of Chemistry	3,90,000.00
		Research Project of J. B. Fernandes, Department of Chemistry	1,19,000.00
		Assistance for organization of expert panel meeting in the area of life science – P.V. Dessai, Department of Zoology	1,80,000.00

		Financial Assistance under FIST Programme – Department of Physics	8,00,000.00
		Research Project of M. Kotha Department of Geology	50,000.00
05.	All India Council for Technical Education, New Delhi	Seminar Grants, Department of MMS	25,000.00
		Laboratory Equipment – Department of Computer Science & Technology	8,00,000.00
06.	Indian Council of Historical Research, New Delhi	Fellowship	64,000.00
07.	Inter University Consortium for DAE facilities, Mumbai.	Research Project of K. R. Priolkar, Department of Physics	1,46,000.00
		Research Project of P. R. Sarode, Department of Physics	1,09,568.00
08.	Shastri Indo Canadian Institute, New Delhi	Canadian Studies Development Programme	45,377.00
09.	Italian Embassy Cultural Centre, New Delhi	Salary of Italian Lecturer Maria L. Rosy	1,68,900.00
10.	Department of Biotechnology New Delhi	Post-Graduation Course in Marine Biotechnology	10,98,000.00
		Research Project of U. Muraleedharan, Department of Marine Biotechnology	1,31,000.00
11.	Department of Space, Space Application Center, Ahmedabad	Research Project of H. B. Menon –Department of Marine Science.	4,50,000.00

12.	Indian Council of Agricultural Research, New Delhi	Research Project of I. Furtado, Department of Microbiology	28,742.00
13.	Association of Indian Universities, New Delhi	Workshop on Role of Technology	35,000.00

7.2.3	State Government Agencies	
a)	Scholarship	
1.	National Scholarship	3,600.00
2.	Post Matric Scholarship	2,15,631.00
3.	Educational concession to children of Freedom Fighter	1,57,760.00
4.	N.S.S. Activities	1,22,750.00

b)	Others	
1.	Goa State Commission for Women – Research Project of P. Mukhopadhyay, Department of Economics	11,500.00
2.	Goa State Commission for Women – Research Project Shaila D'Souza, Centre for Women Studies	14,380.00
3.	Collectorate of North Goa –Construction of Comp. Lab.	3,07,571.00
c)	Other Agencies	
1.	Fundacao Oriente, Goa - Seminar	18,000.00
2.	Confederation of Indian Industry, Western Region	10,150.00
3.	European Union Commission – Research Project of M. Kotha, Department of Geology.	3,60,429.00
4.	TERI Western Regional Centre, Goa- Consultancy Project of S. Bhosale, Department of Microbiology.	27,181.00
5.	Blue Circle Corporation, Mumbai – Consultancy Project of V. S. Nadkarni, Department of Chemistry	1,89,762.00
6.	Sesa Goa Ltd., Panaji – Consultancy Project of S. Garg, Department of Microbiology	1,52,568.00
7.	Western Ghats Kokum Foundation, Bambolim Consultancy Project, Nandkumar Kamat, Department of Botany.	5,000.00
8.	Paresh Constructions, Mumbai, Consultancy Project of A.G. Desai,	7,200.00

	Department of Geology.	
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A P P E N D I X

1: List of rankers for the year 2003-2004

	COURSE	I	II	III
1.	B.A.	Pereira Charlane Gail Savia Fideles	Ovelil Jisy Jose	Chatterjee Aparna
2.	B.Sc.	Lovsey Gloria	Kudtarkar Shraddha Kashinath	Audi Mira Maruti
3.	B.Com	Alvares Tracey June	De Souza Arlette Maria Da Cruz Rahila Cherlyn	Tandon Akanksha
4.	B.C.A.	Shet Parker Esha Vithal Nagvekar Shradha Prakash	Nevrekar Shruti Prakash	Naik Varsha Prabhakar
5.	B.Sc. Home Sc.	Travasso Cheryl	Louranco Hasina	Gomes Lavina Lidia
6.	B.Sc. (Nursing)	Naik Sangeeta Shivprasad	Esteves e Barreto Jovita	D'Cruz e Monteiro Sabina Antoneta
7.	B.Ed.	Ridhorkar Smita Ashutosh	Pires Rolita Judy	Thali Sanjyot Anil
8.	B.Music (Vocal)	Shelar Samradni Shantaram	Khandeparkar Manish Balkrishna	Kerkar Sunil Madhu
9.	B.Sc. (Naval Sc.)	Kothari Chandrakant	Kumar Amit	Sakar Mishra
10.	LL.B. (3 yrs Sem-VI))	Newton Henrietta	Rodrigues Rowena Edwardina	Naik Shantadurga Alias Sonal Prakash
11.	LL.B. (Hon)	Rao Parag	Fernandes Roshelle Aurita	Afonso Christabel Lilian

		Sharadkumar	Rebello Eva Maria.	
12.	B. Arch	Nadkarni Rohit Ramakrishna	Nayyar Shipra	Lobo Maria Rosette
13.	Bachelor of Pharmaceutic al Science	Dharvatkar Padmaja Prakash	Kapade Sukhada Gurudas	Arolkar Snehal Shivaji
14.	Bachelor of Dental Surgery	Hede Aradhana Tushar	Vaze Swati Gangaram	Fernandes Vernie Ann
15.	Bachelor of Fine Arts (Painting)	Pankar Hitesh Ratnakant	Pinto Lorette Joycee	Sardesai Ashwini Anil
16.	Bachelor of Fine Arts (Applied Art)	Moniz Lysha Angela	Naik Patekar Yogesh Suresh	Salgaonkar Deepti Arun
17.	Bachelor of Homoeopathic Medicine and Surgery	Fernandes Pankiva Christiviana	Estibeirol Aloma Felecia	Simoos Ryan John
18.	Bachelor of Ayurvedic Medicine and Surgery	Bapat Kishor Bharat	Pai Sonal Laxmikant	Sadhale Varsha Vishwanath

19.	Bachelor of Engineering (Civil)	Sawant Poonam Surendra	Goliwadekar Kedar Jayant	Parulekar Sudesh Gopinath
20.	Bachelor of Engineering (Electrical)	Nautiyal Poonam	Cruz Dalia Luis	Powar Suyog Anand
21.	Bachelor of Engineering (Mech.)	Malik Pravin Vithal	Umaraye Sachin Shripati	Sardessai Rajay S.

22.	Bachelor of Engineering (ETC)	Praveen Kumar	Prabhudesai Shantanu Prasad	Pinto Rohin Savio
23.	Bachelor of Engineering (Comp)	Khandekar Shradha Purushottam	Prabhu Verlekar Rukma Vinay	Kulkarni Suchitra Mahesh

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