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# GOA UNIVERSITY



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## ANNUAL REPORT

### 1991-92

66 A UNIVERSITY STANDS FOR HUMANISM, FOR TOLERANCE, FOR REASON, FOR THE ADVENTURE OF IDEAS AND FOR THE SEARCH OF TRUTH.

IT STANDS FOR THE ONWARD MARCH OF THE HUMAN RACE, TOWARDS EVER HIGHER OBJECTIVES. IF THE UNIVERSITIES DISCHARGE THESE DUTIES ADEQUATELY, THEN IT IS WELL WITH THE NATION

AND  
WITH THE PEOPLE "

*- Jawaharlal Nehru*



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## PREFACE

*I have the pleasure of presenting the seventh Annual Report of Goa University for the academic year 1991-92. The report covers the period from June, 1991 to May, 1992.*

*The presentation of the report has been done in four chapters including introduction in Chapter I. Chapter II deals with the University teaching Departments for the Post-graduate courses. The number of the Post-graduate Teaching Departments is 23. In addition, the Centres for Latin American Studies and Women's Studies continued to function during the year under report along with the Academic Staff College.*

*Chapter III deals with colleges, both professional and other than professional affiliated to the University and recognised institutions. Three more colleges for imparting instructions in Arts, Science & Commerce have been affiliated to the University, thereby raising the total number of affiliated colleges to 29.*

*During the year under report, the University has progressed satisfactorily, in spite of some difficulties. In our efforts to make this University a centre of excellence and also to explore new frontiers of knowledge, we have been strengthening considerably the infrastructure for developing the existing Departments/Centres and planning for new hi-tech areas for providing opportunities for learning and research for younger generations. The year 1991-92 saw many important developments such as implementation of restructured under-graduate courses, constitution of academic committees for bringing about academic excellence implementation of programmes for improvement of OF evaluation system upgradation of research facilities and organisation of educational seminars and conferences in various fields. We brought out our own publications and organised endowment lectures by inviting outstanding personalities.*

*Various programmes were organised to keep the students informed about the latest developments in the academic and social fields through Extra mural studies; N.S.S., Students' Welfare and such other centres of learning. We have also introduced periodical review of academic and administrative wings.*

*I place on record my deepest sense of gratitude to the Visitor for his valuable guidance, to the Government of Goa for its supporting grants, to the University Grants Commission and the Central Ministries concerned for the financial assistance extended to this University, to the members of the Executive Council, the Academic Council, the Court, the Planning Board to the several Boards of Studies for their sincere support and full cooperation at every stage in implementations of the various academic, administrative and other activities undertaken by the University.*

*I appreciate the efforts of our faculty for its dedicated efforts to raise the level of standards in our University. Similarly, I appreciate the positive response in all sectors of learning we have had from our students community, for whose future, we all labour. I am also thankful to the administrative staff for his/her unstinted support in our constant endeavour to improve the functioning of the University.*

**Dr. P. R. DUBHASHI**

Vice-Chancellor.

University Offices,  
Taleigao Plateau,  
February, 1993.

## CHAPTER I

# INTRODUCTION

The Vice-Chancellor, on behalf of the Executive Council, has great pleasure in presenting to the Court the Annual Report of the University for the year 1991-92 as required under section 26 of the Goa University Act, 1984,

### I General

Established on 1st June, 1985 as an affiliation-cum-teaching institution of higher learning, Goa University has completed the seventh year of its existence. This University had inherited a solid base of education structure which had been built brick by brick over twenty years since the days of Goa's liberation, pertaining to every faculty, whether Arts, Science, Commerce, Law, Education, Engineering or Medicine. Due emphasis had been given to technical and professional education, with the result that this State could boast of having a Dental College, a Pharmacy College, an Engineering College, an Architecture College, a Medical College, a College of Fine Art, a College of Education, two Law Colleges, four colleges exclusively for Commerce, five colleges of Arts & Science and one college exclusively for Women. Upon this solid structure of under-graduate courses was based the Centre of Post-graduate Instruction and Research (CPIR) with quite a few Departments relevant to the needs of the society. The CPI R, which had arrangements for post-graduate teaching and instruction in 13 subjects, formed the nucleus for Goa University.

The University has by now been fully established. Its first public examinations were held in 1988-89 for the students who were admitted to the First Year during the year 1986-87. **The term of the first** University Authorities appointed by the Visitor, in exercise of powers vested in him under the Goa University Act, 1984 expired between June and August 1988 and all the Authorities have since been reconstituted in accordance with the provisions of the Act and the Statutes. So we have now the reconstituted Executive Council, Academic Council, Court, Planning Board, Finance Committee, etc.

### II. Faculties and Academic Programmes:

- a) Till 1990-91 the following departments were functioning in the University: Hindi, Konkani, Marathi, English, French, Portuguese, Economics, History, Political Science, Sociology, Philosophy, Mathematics, Physics, Chemistry,

Microbiology, Marine Science, Geology, Commerce, Computer Science & Technology, Marine Biotechnology, Management Studies, Botany and Zoology.

- b) This University is one of the 55 Universities in the country selected by the University Grants Commission for setting up of an Academic **Staff** College which started functioning early in 1988-89. The jurisdiction of this Staff College extends not only to the area of this University, but also to that of the Shivaji University and four districts under the University of Bombay.
- c) A Centre for Latin American Studies sanctioned by the University Grants Commission, has also been functioning. To begin with, courses in History and Political Science, in the **Latin** American countries have been offered at the M.A. level. Similarly, a Centre for Women's Studies, sanctioned by the University Grants Commission has also been functioning in the Department of Sociology.
- d) Two new colleges were started in the year 1991-92. There is one at Mapusa and one Pilar, set up by the Saraswat Vidyalaya Society and the Xaverian Educational Society. These colleges cater to the need of undergraduate education in Arts and Commerce.
- e) The University decided to begin with the course of M.Sc. (Electronics) in the academic year 1992-93. The course consists of a three-year duration. The M.Sc. degree could be awarded at the end of the second year while the M.Tech. degree could be awarded at the end of the third year.
- f) An important development in the academic field is the restructuring of the courses leading to the post-graduate degrees in Arts, Science and Commerce. A Committee is also working for similar restructuring of the under-graduate courses in Arts, Science and Commerce and the restructured courses are being implemented from the academic year 1992-93.

### III. Construction Programme

The construction activity of the University's new campus on the Bambolim, Taleigao Plateau is going on in full swing. The basic infrastructural facilities like roads, electricity, water supply, sewerage, etc. are completed. The administrative offices, faculty block and a large number of residential houses have been

completed. The administration has shifted to its new Block on the campus in January 1990 and started functioning there. Most of the residential quarters are already occupied. The Blocks for the pure sciences and Applied Sciences faculties are ready and already occupied by the faculties concerned. The Block for the Faculty of Art, Humanities & Social Sciences is completed. Work on construction of a play-ground alongwith a 400 metres running track is on expeditiously.

#### IV, Financial Position

a) The estimated expenditure for the year under review i.e. 1991-92 worked out on the plan side to Rs. 440.53 lakhs and on the non plan side Rs. 233.89 lakhs. The actual expenditure incurred during the year amounted to Rs. 246.79 lakhs on the plan side and Rs. 199.46 lakhs on the non-plan side.

b) The University Grants Commission has sanctioned the following grants for the purpose as shown below for the year 1991-92.

1. Academic Staff College	Rs. 15,00,000.00
2. Library Books & Journals	Rs. 5,00,000.00
3. Laboratory Equipments	Rs. 5,00,000.00
4. Grants to Dr. J. B. Fernandes Department of Chemistry	Rs. 2,250.00
5. Major Research Project: Dr. S. Mavinkurve, Deptt. of Microbiology	Rs. 14,400.00
6. Grants for M.C.A. Department	Rs. 3,80,000.00
7. Women's Studies Research Centre	Rs. 1,00,000.00
8. Joint UGC CSIR Research Fellowship	Rs. 1,28,000.00
9. Development of University Complex	Rs. 20,50,000.00

c) The following grants have been received from the Central Govt. Departments for the year 1991-92.

1. Council of Scientific & industrial Research	Rs. CSIR 45,450.00
2 . - d o -	Fellowship Project of
3. Department of Science & Tech- nology	13,000.00 Interaction Dr. S. Mavinkurve

#### V) Foreign Visits:

4. Indian Council of Cultural Relation	Grants of Angolan students	42,310.00
5. Department of Bio-Technology	Post-graduate course in Marine Bio-Technology	7,27,651.00
6. Department of Environment Forest & wild life	Project on sedi- ment Flux of River Dr. G. N. Nayak	99,150.00
7. Indian Council of Historical Research	Research Project Dr. N. Shyam Bhat	4,750.00
8. Department of Atomic Energy	Genetic Studies on Pseudomonous Dr. S. Mavinkurve	2,51,600.00
9. Department of Science & Technology	Research Project of Dr. M. Kotha	80,000.00
10 . - d o -	Research Project of Dr. S. G. Tilve	1,00,000.00
11 . - d o -	Research Project of Dr. P. K. Sharma	1,81,000.00
12 . - d o -	Research Project of Dr. J. B. Fernandes	75,000.00
13. National Board of Higher Education	Books & Furniture for Mathematics Department	1,00,000.00

(i) Dr. K. M. Mathew, Head, Department of History attended the VI International Conference on Indo-Portuguese History at Macau **at the invitation** of the organizers and presented a research paper on "Reflection on the Socio-Political Content of Tuhafat-ul-Mujahudeen and the Portuguese in Malabar."

(ii) Dr. Peter R. DeSouza visited Buenos Aires, Argentina 21-25 July, **1991 to attend the World Congress** of the International Political Science Association. Dr. P. R. De Souza also visited the London School of Economics to participate in the Political Philosophy Colloquium of the International Science Association and presented a paper on "Library and the Banning of a Novel."

(iii) Dr. M. Ganesh visited University of Bath, U.K. under the Commonwealth Fellowship Programme.

iv) Dr. J. B. Fernandes has visited New York, U.S.A. as a Post-Doctoral Fellow.

#### VI. Authorities of the University:

Separate lists of the members of the Executive

Council, The Academic Council, the Court, the Planning Board and the Finance Committee are given in Annexures II, III, IV, V & VI. A list of the various Deans of the Faculties and Officers of the University is given as Annexures VII & VIII. The details regarding the meetings of the Executive Council and the Academic Council and the important decisions taken by these authorities during the year under reference are as follows:-

The Executive Council held twelve meetings during the year under report. Some of the important decisions taken by the Executive Council in these meetings are given below:-

1. Creation of three additional posts of Sweepers for Girls Hostel.
2. Conversion of the existing post of Junior Engineer into the post of Junior Architect.
3. Extension of Dr. Sharadchandra Pethe as Visiting Teacher in the Department of Mathematics for the academic year 1991-92.
4. Extension of services of Dr. T. S. S. Rao, Professor and Head of the Department of Marine Biotechnology by three months and twenty days.
5. Appointment of widow of Professor B. S. Shastri in the University Administration on compassionate grounds.
6. Amendment to the Recruitment Rules of non-teaching staff.
7. Proposal for Creation of three posts of Pump Operators and two posts of Helpers.
8. Appointment of Registrar in this University.
9. Appointment of Reader in Commerce by invitation.
10. Accommodation charges to be levied in respect of the VVIP room in the University Guest House.
11. Regularisation of NMR Gardeners/Mali.
12. Adoption of Annual Accounts for 1990-91.
13. Appointments to the posts of Professor/Reader/Lecturer in Botany and Zoology.
14. Delegation of the powers of signing cheques upto Rs. 5000/- to the Assistant Registrar (Finance).
15. Amendments to clauses 12 and 13 of Statute 107.
16. Recruitment Rules for the post of Manager, University Guest House, Room bearer/Room boys, Cook-cum-Bearer and Electrician.
17. Consideration of the Audit Report and Annual

Accounts for the year 1989-90.

18. Appointments to the post of Professor/Lecturer in History, Reader in Economics, Sociology and Political Science, Lecturer in Portuguese/Documentation Officer/Research Associates and Junior Research Fellows in CLAS.
19. Amendments to clauses (2), (3) and (4) of Statute 101.2.
20. Framing of ordinance in connection with the A.T.K.T. for the students of the First, Second and Third Year B.Pharm. Examinations.
21. Amendments to 0.21.23 and 0.21.41 in connection with the M.A./M.Sc./M.Com. examinations.
22. Starting of new courses in Goa University (GUIT).
23. Creation in the University Department the position of "Professor Emeritus".
24. Framing of ,statutes prescribing service conditions of the administrative staff of the Goa University and of the non-government colleges affiliated to Goa University.
25. Constitution of Committee to draft statutes governing the terms and conditions of service of teachers in the colleges or institutions managed and maintained by the Central Govt./State Government which are affiliated to Goa University.
26. Academic Cooperation between the University of Lisbon and Goa University.
27. Amendment to Ordinance 0.3.12 relating to recognition of teachers as guides for guiding Ph.D. students in the University Department.
28. Amendment to the Recruitment Rules for Group 'C' and Group 'D' posts of this University.
29. Consideration of amendments to the Ordinance 0.19.5 relating to the guiding teacher at the Ph.D. course and 0.19.7 (v) relating to the honorarium to the examiners.
30. Institution of Gold Medal for M.Sc. in Marine Science examination.
31. Re-employment of Prof. & Head, Department of Hindi on attaining the age of retirement i.e. 60 years, upto the last day of current Academic term.
32. Revised Estimates for the year 1991-92 and Budget Estimates for the year 1992-93.
33. Post of Co-ordinator for Bombay.
34. Reconstitution of the Board of Studies in

Portuguese.

35. Termination of lien of Dr. S. K. Gandhe, Ex-Registrar.
36. Extension of the completion period of the Konkani Encyclopaedia.
37. Recognition of persons as teachers of the University for Ph.D. and post-graduate degree in the subject of Pharmacology.
38. Appointments to the post of Research Officer in Centre for Women's Studies (CWS).
39. Award of Ph.D. Degree to Shri Shyann Murti Gupta, in Marine Science.
40. Consideration of the Audit Report and Annual Accounts for the year 1990-91.
41. Nomination of the subject experts in various subjects from the panels of subject experts.
42. Recruitment of temporary Lecturer in the Department of Sociology.
43. Termination of services of the Lecturer in Computer Science under Statute S. 22 (2).
44. Termination of Services of Peon of this University under Statute S. 23 (1) (d).
45. Termination of services of Jr. Programmer of Department of Computer Science & Technology of this University under Statute S. 23 (1) (d).
46. Repatriation of services of University Architect.
47. Extension of benefits to the non-teaching staff of non-government colleges.
48. Appointments to the posts of Reader/Lecturer in Physical Chemistry and Reader in Organic Chemistry.

The Academic Council held two meetings during the year under report. The important decision taken by the Academic Council in these meetings are given below:-

1. Grant of A.T.K.T. for the students of the First, Second and Third B. Pharm. examinations.
2. Starting of Institute of Technology in Goa University.
3. Starting of M.Sc. degree course of study in Electronics.
4. Formulation of the general policy for admission of students of M.Phil. course.
5. Admissions against 4 M.B.B.S./B.D.S. seats of All India Quota 1 990-9 1 to local students in the current academic year 1991-92.
6. Revision of eligibility criteria for admission to

B.Sc. (Special) degree.

7. Implementation of ordinance 0.29.28 regarding standard of passing at T.Y.B.A./B.Sc. degree examination.
8. Creation in the University Department the position of "Professor Emeritus".
9. Minimum Qualification for appointment to the post of Lecturer in Konkani at Goa University.
10. Revised scheme of examination for implementation from the academic year 1991-92.
11. Recognition/Equivalence of B.A./B.Com. degree awarded by the External Board, Osmania University, Hyderabad.
12. Change in arrangement of terms for M.Sc. Part II Marine Science (1991-92).
13. Institution of the Outstanding Teacher Award.
14. Extension of last date of registration at the Medical Degree Post-graduate Diploma courses for the first term of the academic year 1991-92.
15. Recognition of B. Tech. (Dairy Technology) of National Dairy Research Institute for admission by M.Sc. Marine Biotechnology of Goa University.
16. Creation of one time additional seat for the M.Sc. Biochemistry course during the academic year 1991-92.
17. Rise in fees/deposits at the post-graduate Ph.D. degree/diploma courses and in fees for all the University examinations.
18. Reconstitution of Board of Studies in Commerce.
19. Amendment to Ordinance 0.13.5 to appoint Chairman by rotation where the Board is for more than one Department and the Departments are headed by Professors.
20. Consideration of reports of the sub-committee of Academic Council to examine & recommend about creation of additional faculties at Goa University.
21. Last date for admission to various courses in University/College after revaluation.
22. Vertical mobility for the students passing H.S.S.C. examination with vocational subjects for admission to undergraduate courses in B.Sc. and/or B.Sc. Computer Science in the University.
23. Institution of Best Teacher Award in Goa University.



24. Minimum qualifications for appointment to teaching posts in University/Colleges.

**VII Legislative addenda, amendments, etc.**

During the year under report one more ordinance was added to the existing ones. It is as under:

0.37 - Ordinance regarding A.T.K.T. for the students of First, Second and Third Year B.Pharmacy examinations.

**Amendments:**

**Statutes**

1. S.107.12(b) - Relating to the term service of Lecturer in Universities or Colleges.
2. S.107.13(i) - Relating to weightage to service of Demonstrator/Tutor.
3. S.72(2)(a) - Relating to vacation to the Principal.
4. S.72(2)(b) - Relating to Teachers who work during vacation.
5. S.101.2(2) - Relating to authentication of list of voters.
6. S.101.2(3) - Relating to authentication and correction of voters list by Returning Officer.
7. S.101.3(4) - Relating to maintenance of list of voters.

**Ordinances:**

1. 0.21.23 - Relating to the result of external examination.
2. 0.21.41(iii) Relating to percentage of marks and Grade.
3. 0.3.12 ~~Relating to~~ recognised for the Ph.D. degree.
4. 0.19.5 ~~Relating to~~ Ph.D. guide.
5. 0.19.7(v) Relating to honorarium to the External examiners.
6. 0.13.5 ~~Relating to~~ Board of Studies.
7. 0.19.2(iii) Relating to registration of candidate for Ph.D. degree in a faculty/subject different from the one in which he obtained his Master's degree.
8. 0.20 Relating to examination fees.

**Addendum:**

Statute S.113 relating to Medical Reimbursement.

# UNIVERSITY TEACHING DEPARTMENTS FOR POST-GRADUATE COURSES

## 5. University Centres

5.1 - Centre for Latin American Studies

5.2 - Centre for Women's Studies

The University has the following Post-graduate Departments:

### 1. Faculty of Arts, Humanities & Social Sciences

- 1.1 Department of English
- 1.2 Department of Hindi
- 1.3 Department of Konkani
- 1.4 Orpartment of Marathi
- 1.5 Department of French
- 1.6 Department of Portuguese
- 1.7 Department of Economics
- 1.8 Department of History
- 1.9 - Department of Political Science
- 1.10 - Department of Sociology
- 1.11 - Department of Philosophy

### 2. Faculty of Pure Sciences

- 2.1 - Department of Mathematics
- 2.2 - Department of Physics
- 2.3 - Department of Chemistry
- 2.4 - Department of Microbiology
- 2.5 - Department of Geology
- 2.6 - Department of Zoology
- 2.7 - Department of Botany / 14e Sc•J.-

### 3. Faculty of Applied Sciences

- 3.1 - Department of Marine Science
- 3.2 - Department of Marine Bio-technology
- 3.3 - Department of Computer Sciences & Technology

### 4. Faculty of Commerce & Management Studies

- 4.1 . Department of Commerce
- 4.2 - Department of Management Studies

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## 1.1 DEPARTMENT OF ENGLISH

### 1. Teaching and Research Staff :

1. Dr. S. S. Kulkarni M.A., Ph.D.	Reader and Head
2. Dr. A. K. Joshi M.A., Ph.D.	Reader
3. Dr. A. B. Patil M.A., Ph.D.	Reader
4. Smt. Anita Vashishta M.A., M.Phil.	Lecturer
5. Dr. K. S. Bhat M.A., Ph.D.	Lecturer
6. Smt. Kiran Budkuley M.A.	Lecturer
7. Shri A. R. Fernandes M.A.	Lecturer

### 2. Contributory Teachers : Nil

### 3. Visiting Teachers :

Three visiting teachers were invited to deliver a course of 14 lectures each to M.A. Part I students on Paper EN C 1 : Linguistics. The teachers were :

- 1) Dr. B. V. Nemade, Gurudev Tagore Professor of Comparative Literature, University of Bombay;
- 2) Dr. S. B. Gokhale, Reader, University of Poona;
- 3) Dr. M. S. Malshe, Professor, IIT, Bombay.

Dr. B. V. Nemacte was again invited to deliver 15 lectures to the students of M.Phil. (English) Part I on Paper I : Language Teaching and Testing.

### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students	
	M. Phil.	Ph.D.
1. Dr. S. S. Kulkarni	2	2
2. Dr. A. K. Joshi	4	2
3. Dr. A. B. Patil	5	

### 5. Research Project :

- i) Dr. A. K. Joshi is working on a project of Sahitya Akademy, Delhi to write a monograph on Sharadchandra Muktibodh.
- ii) Dr. A. B. Patil has been sanctioned financial

assistance of Rs. 14,000/- by the University Grants Commission. The work on the subject Western Influence on Post-Independence Marathi Drama is in progress.

- iii) Dr. K. S. Bhat is presently working on a project entitled "Politics as Fiction : A Study of the Interface of Political Ideologies and Kannada Fiction in Post-Independence India."

### 6. Visitors to the Department : Nil.

### 7. Visits Abroad : Nil.

### 8. Participation in Seminars, Conferences and Workshops :

#### Dr. S. S. Kulkarni

- i) Attended the Masti Birth Centenary Seminar organised by the Delhi Kannada Sangha, New Delhi, on 22nd and 23rd October, 1991.
- ii) Participated in the Seminar on Five Kannada Jnanap4th Award Winners organised by the Kannad Samaj, Panaji and gave a talk on Dr. V.K. Gokak on 28th November, 1991.
- iii) Delivered a series of three lectures on Sri Aurobindo and his teachings at the SriAurobindo Centre, Dandeli, Dandeli College of Arts & Science, and the Junior College of Dandeli on 27th and 28th January, 1992.

#### Dr. A. K. Joshi

- i) Presided over a day-long meet of the Gomantak Marathi Academy at Talauli, Goa on 13th October, 1991.
- ii) Was the main commentator on a session on the social content of Keshavsut's poetry at Sahitya Sangh, Bombay in a seminar to celebrate the Birth Centenary of the poet on 28th - 29th February, 1992.
- iii) Read a paper on 'Ideology and Literature' at a Seminar in Bombay organised by the Literary Journal *Anushtubh* on 1st and 2nd March, 1992.
- iv) Presided over a session of a seminar on the contemporary Marathi Novel organised by the Department of Marathi, Goa University on 9-10 March, 1992.

**Dr. A. B. Patil**

- i) Attended one day seminar on *Aditya* at P.E.S. College, Farmagudi, Ponda on 12th January, 1992.
- ii) Presented a paper "Whirligig of Literary Taste: Decolonisation of Teaching and Research in English" at the Department of English, Goa University - 30th January, 1992.
- iii) Attended a seminar on Comparative Literature at S.N.D.T. College, Pune, on 20th February, 1992 on the occasion of the release of a book on Comparative Literature.
- iv) Participated and chaired one session of two Day Seminar on 'THE MARATHI NOVEL AFTER 1975' organised by the Department of Marathi, Goa University and Goa Marathi Academy on 9th, 10th March, 1992.
- v) Invited to deliver a lecture on *Realism in Godan* and led the discussion in one day seminar held by the Department of Hindi, Goa University on 17th March, 1992.
- vi) Attended seminar on 'Temples in Goa', Department of Philosophy, Goa University.

**Dr. K. S. Bhat**

Gave a keynote address on "The Status of English in India Today" on 2nd January, 1992 at S.D.P. College, Mangalore.

**Smt. K. Budkuley**

- i) Participated in a symposium organised by 'Sahitya Samvad' on *Carmeline*, a Konkani novel by Damodar Mauzo.
- ii) Presented to the 'Literary Circle' of the English Department a paper entitled "The Changing Spectrum of Darkness in the novels of William Golding."

**Shri A. R. Fernandez**

- i) Attended the UGC Refresher Course in Linguistics at the Central Institute of English and Foreign Languages (C.I.E.F.L.) Hyderabad, 3-22 February, 1992.
- ii) Presented a paper on 'The Concept of Conscience in Western Literature' at the Department's Study Circle Paper Reading Session.

**9. Research Publications and other Articles :****Dr. A. K. Joshi**

- i) 'Marxist Literary Criticism in Marathi' *Alochana* June, 1991 pp. 1-17.
- ii) 'A Centenary of Marathi Short Story' *Ugwai* April-May, 1991 (Actually published in August, 1991) pp. 54-57.

**Dr. A. B. Patil**

- i) 'Phakirachya Abhangatil Deshipan' in *Phakirachya Abhangache Parayan*, ed. Shinde, Saket Prakashan, 1992.
- ii) "Marathi Natakawaril Pashyatya Prabhav" in *Taulanik Sahityabhyas M. D. Hatkanagalekar Gaurav Granth* ed. Chandrashekar Jahagirdar, Saurabh Prakashan, Kolhapur.

**10. Any other Details :****Dr. A. K. Joshi**

- i) Gave lectures at the Academic Staff College, Goa University.
- ii) Worked on a panel of judges to select books for publication for the Gomantak Marathi Academy.

**Dr. A. B. Patil**

- i) Invited to deliver lectures at the following Colleges:
  - a) Shahu College, Kolhapur, August, 1991.
  - b) New College, Kolhapur, November, 1991.
  - c) Jayasingpur College, Dist. Kolhapur, 21st February, 1992.
  - d) Bhai Sawant B.Ed. College, Savarde, Chiplun, 20th February, 1992.

**Dr. K. S. Bhat**

- i) Was awarded the Ph.D. degree in English by the Mangalore University in April, 1992.

**Smt. M. Pilgaonkar** of M.A. Part I and

**Kum. L. Mascarenhas** of M.A. Part II participated in All India Post-graduate Paper Reading Contest organised by the University of Poona and won consolation prizes in February, 1992.

## 1.2 DEPARTMENT OF HINDI

### 1. Teaching and Research Staff :

1. Dr. A. K. Pandey M.A., Ph.D., D.Lit.	Professor & Head
2. Dr. B. R. Mishra M.A., Ph.D.	Reader & Head
3. Dr. B. K. Sharma M.A., M.Phil, Ph.D.	Reader
4. Dr. (Mrs.) Ishrat Bi Khan M.A., Ph.D.	Lecturer
5. Dr. S. R. Tripathi M.A., Ph.D.	Lecturer
6. Dr. R. N. Mishra M.A., Ph. D.	Lecturer
7. Miss Chhaya Chodankar MA	Lecturer

### 2. Contributory Teachers : Nil

### 3. Visiting Teachers : Nil

### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students	
	M. Phil.	Ph. D.
1. Dr. A. K. Pandey		2
2. Dr. B. R. Mishra	1	2
3. Dr. B. K. Sharma		1

Mrs. Shilpa Bale was awarded the M.Phil. degree under the guidance of Dr. B. R. Mishra.

### 5. Research Project : Nil

### 6. Visitors to the Department :

**I) Dr. Tribhuvan Singh**, Vice-Chancellor, Kashi Vidya Peeth, and former Head of the Department of Hindi, B.H.U. visited the Department and delivered a lecture on "*Relevance of Tulsidas*".

**ii) Dr. Chandrika Prasad Sharma** of Avadha University visited the Department in October, 1991 and had a talk with students and Teachers.

### 7. Visits abroad : Nil

### 8. Participation in Seminars, Conferences and Workshops :

**Dr. B. R. Mishra, Dr. R. N. Mishra, Dr. S. R. Tripathi & Dr. (Mrs.) I. Bi Khan** participated in the Hindi workshop conducted by N.1.0. in September, 1991 as resource persons.

#### Dr. B. R. Mishra

- Chief Guest at a Seminar on 'Literature and Society' held by Hindi Department, Government College, Quepem in August, 1991.
- Chief Guest at a Workshop in Hindi conducted at Dabolim Airport for the employees of Indian Airlines to promote language in September, 1991.
- Invited as resource person for a workshop in Hindi for the employees of Goa Shipyard in April, 1992.
- Invited at the Academic Staff College, Karnataka University, Dharwar, as a resource person for seminar held on Modern Trends in Hindi poetry in January, 1992.
- Acted as Director in holding one week Workshop by N.C.E.R.T., New Delhi in March to prepare Hindi Rapid Reader for Std. X, for Kendriya Vidyalaya.

#### Dr. B. K. Sharma

- Participated as one of the Camp Directors of the CHD (New Delhi), held at Hyderabad from 5th September to 14th September, 1991.
- Participated in a Seminar held by 'Sahitya Samvad' Goa on 11th August, 1991, and presented a Paper on 'Raghuvir Sahaya'.
- Participated as Resource person in a Hindi Workshop held by C.H.T.B. at Goa University.
- Helped as Resource person in a Hindi Workshop held by Goa Shipyard, Vasco in April, 1992.
- Delivered a lecture in Hindi Teacher Training Camp, held in February, 1992 at Margao by C.H.I. Hyderabad.

- vi) Participated in one week Workshop held by N.C.E.R.T. at Goa University in March, 1992.

**Dr. Ishrat Bi Khan**

- i) Invited as Resource Person for a Workshop conducted by Goa Shipyard, Vasco in April, 1991.

**Dr. S. R. Tripathi**

- i) Participated in 2-day seminar held in March, 1992 by the Marathi Department of Goa University.

**Dr. R. N. Mishra**

- i) Helped as Resource Person in a Hindi Workshop held in April, 1992 by GoaShipyard, Vasco.
- ii) Helped as a Resource Person in a Hindi workshop held by S.B.I., Panaji.

**Miss Chhaya Chodankar**

- i) Participated in 6th Seminar on 'History of Goa' held in February, 1992 by Archaeology Department, Goa.
- ii) Participated in 2-day Marathi Seminar held on Samkalin Marathi Kadambari held by the Marathi Department, Goa University in March, 1992.

**9. Research Publications and other Articles :**

**Dr. B. R. Mishra**

A long essay on Agyeya "Kitani Navon mein Kitani Bar ka Rachanatmak Pariprekshya" published in FOUR editions of Bharatvani 'Dharwad from February to June, 1992.

**Dr. B. K. Sharma**

- i) Book : "Marxwadee Saundrya Shastra Ki Bhoomika" by Radhakrishna Prakashan, New Delhi.
- ii) Articles :
- i) Poems in Purnkumbh, September, 1991, Hyderabad.
- ii) Poems in Yug Sandarbh, 1991, New Delhi.
- iii) Sansmaran - 'Hans New Delhi, January, 1992.
- iv) Story - BharatVani, April, 1992, Dharwad.
- v) Story - Sahitya Dharmita, Jaunpur, July, 1992.

**Dr. S. R. Tripathi**

- i) Critical Evaluation of 'Neela Chand', 'Kitna Dhaval Kitna Neela' published in Dusta Vej, October, 1991.

- ii) 'Report Se Roop Grahan Karati', Reportaj Vidha, in Madhumati, February, 1992.

**Miss Chhaya Chodankar**

Short Story 'Nat Shikvi Ajobala' Marathi in Daily 'Gomantak' of 23rd April, 1992,

**10. Any other details :**

**Dr. B. R. Mishra** is on the Committee for promotion of Hindi appointed by Government of Goa. He is also in the Executive Committee of 'Prayas' a registered Hindi Association. He is also on the Managing Committee of Central School No. 1, Vasco-da-Gama, Goa.

**1.3 DEPARTMENT OF KONKANI**

**1. Teaching and Research Staff :**

- |                         |                                |
|-------------------------|--------------------------------|
| 1. Dr. O. J. F. Gomes   | Professor & Had<br>M.A., Ph.D. |
| 2. Smt. P. S. Tadkodkar | Lecturer<br>M.A., D.H.E.       |

**2. Contributory Teachers : Nil**

**3. Visiting Teachers : Nil**

**4. Details of Research Students : Nil**

**5. Research Projects :**

'Reconstruction of Old Konkani Literature'

Besides the above, Prof. Games has completed during the year his part of the contribution to the '**Integrated** History of Indian Literature' - Volume IX, in respect of Konkani (1911-1960) of the Sahitya Akademi, New Delhi.

**6. Visitors to the Department:**

- i) **Shri Pandurang Bhangui**, Member, Konkani Advisory Board of the Sahitya Akademi, New Delhi, noted poet and lexicographer, visited the

Department to attend a meeting of the Selection Committee for the translation prize in Konkani of the Sahitya Akademi, and, inter alia, discussed matters relating to the teaching and research into old Konkani literature in particular.

**ii) Shri Yeshwant Palekar**, President, Konkani Bhasha Mandal (Goa), noted Konkani writer and translator, visited the Department, and discussed matters relating to the course content of the post-graduate papers for the full-fledged M.A. course in Konkani.

**iii) Shri Prakash Bhatambrekar**, Regional Secretary, Sahitya Akademi, Bombay, visited the Department to discuss activities of the Akademi, relating to Konkani.

**iv) Shri Ramesh Veluskar**, noted Konkani poet and S. A. award winner, visited the Department in connection with the selection of books for the Translation Prize in Konkani, of the Sahitya Akademi, and discussed matters relating to teaching & research in Konkani.

**v) Miss Nathalie Baudoin**, a French research scholar in medical anthropology visited the Department and discussed her field work in Goa and sought guidance on its linguistic and sociological aspects.

**7: Visits abroad :** Nil

### **8. Participation in Seminars, Conferences & Workshops:**

i) The Department organised a Workshop on 'Functional Konkani' for College Teachers affiliated to the Goa University with a view to prepare resource material for Paper -VII Functional Konkani • - for third year B.A. in Konkani, where six units are taken for the full-fledged B.A. course in that language in November, 1991.

ii) Prof. Gomes conducted a conference on 'Konkani - Perspectives of Past, Present & Future' in Portuguese for mainly Goan emigres under the auspices of 'Casa de Goa', an organisation of Goans settled in Lisbon.

iii) He organised the Annual Conference of the Sahitya Akademi's Advisory Board for Konkani in Bombay, and conducted its proceedings, tak-

ing stock of work done during the preceding year in respect of translation, anthologies & publications in Konkani & planning for the next year.

iv) He chaired a session on 'Autobiographical writings in Konkani & Sindhi' & also presented the Konkani scenario in this field in the absence of the participant relating to that language, on 13th March, 1992, in a two-day seminar on 'Autobiographical writings in Western Regional Languages' organised by the Sahitya Akademi's Western Regional Office, Ahmedabad, Gujarat at the Gujarat Vidyapeeth.

v) Participated in the National Seminar on Dr. Babasaheb Ambedkar, organised by Sahitya Akademi in Delhi, in August, 1991 and presented a paper on 'Ambedkar's Contribution to Education.'

vi) Participated in the International Seminar on 'Oral Tradition, Written Word & Communication Systems' organised by Sahitya Akademi in New Delhi, in February, 1992 and presented a research paper entitled 'From Memory to Written Word' (spoken, written, printed & technological).

vii) Participated in the Seminar on 'History of Konkani Literature' at the Govt. College of Arts & Commerce, Quepem, Goa, on 31st August, 1991 and presented a paper on 'Contribution of foreign missionaries to old Konkani literature.'

viii) Participated in the seminar on 'Politics in Goa & Maharashtra' organised by the Dept. of Political Science, Goa University, in collaboration with ICSSR and presented a paper on 'Religion and Language as factors of integration and disruption in the Goan body politic' on 24th January, 1992.

ix) Participated in the Symposium on 'Shennoy Goembab - his life & work' at Bicholim, Goa on 23rd June, 1991, and presented a paper on 'Shennoy Goembab's vision of the future of the Konkani Community vis-a-vis actual performance - an assessment.'

x) Participated in UGC Workshop on formulation of syllabi for the **NET** examinations & papersetting as well.

xi) Participated in seminars of the Department of

Philosophy, Goa University in 1991 and early 1992.

- xii) Mrs. P. S. Tadkodkar participated in a workshop at P.E.S. College, Farmagudi and presented a paper on 'Short story - a literary form', April, 1992.

## 9. Research Publications and other Articles :

### Professor Gomes's research papers & books published :

- i) 'Grammatical Studies in Konkani - a Critical overview' research paper published in '*South Asian Language Review*', New Delhi, Vol. II, No. 1, January, 1992.
- ii) 'A sprightly scenario - the Konkani literary scene' (1990) in '*Indian Literature*', official bi-monthly literary journal of the Sahitya Akademi, New Delhi, March-April, 1992.
- iii) Research Encyclopaedia notes written on two major topics viz. 'Konkani Songs' and 'Satire in Konkani Literature' in 'Encyclopaedia of Indian Literature' Vol. V, of the Sahitya Akademi, New Delhi, published in April, 1992.
- iv) '*Ev Ani Mori*' - a book containing the reconstructed Devanagari version of the original in 'marian' form of Roman script, of the first epic poem in Konkani, written by Eduardo J. Bruno de Souza, in 1899, in Pune, with an extensive introduction on the nature of the epic, specimens in world literature in several languages, particularly those that served as a model for the Konkani poet and his work, with copious notes and explanations, published in March, 1992.

Mrs. P.S. Tadkodkar's article on 'Konkani Drama & Tragedy' in 'Vangddi' 92 Series of articles on 'Short-story' in 'Kullagar' March, April, Ma9, 1992. Articles (translated) in 'Daily Rashtramat' on 'Sohirobanath Ambiye' in April, 1992.

## 10. Any other details :

**Prof. Gomes** conducted classes and gave lectures on 'Goa's political history & geography & its influence on the social life of the people' in Konkani Shikshak Sanad Teaching Scheme of the Konkani Bhasha Mandal, in Margao and Panjim, 1991-92.

- ii) He presented 'Vichar Dhara' (Thought for the Day) on 'Thoughts of Bertrand Russel' on various issues in Konkani on AIR, Panjim, Goa.

- iii) He presented television programmes in Konkani on the occasion of the Portuguese President, Dr. Mario Soares's visit to Goa on two days 30.1.1992 and 4.2.1992.

- vi) Liaised with the Goa Government's Education Department, Konkani Bhasha Mandal, Goa; Education Department, Govt. of India, New Delhi, in the matter of assessment of books and advice literary matters.

- v) Took active part in the formulation of the set-up for the proposed Department of Cultural Affairs of the Goa Government.

Mrs. P. S. Tadkodkar is a member of 'Tourism Study Group' Of Goa University.

## 1.4 DEPARTMENT OF MARATHI

### 1. Teaching and Research Staff :

- |                        |                     |
|------------------------|---------------------|
| 1. Dr. P. B. Wader     | Professor & Head    |
| M.A., Ph.D.            |                     |
| 2. Dr. S. D. Komarpant | Reader in Marathi   |
| M.A., Ph.D.            |                     |
| 3. Shri K. M. Sadre    | Reader in Marathi   |
| M.A.                   |                     |
| 4. Shri V. D. Sawant   | Lecturer in Marathi |
| M.A., M.Phil.          |                     |

### 2. Contributory Teachers : Nil

### 3. Visiting Teachers :

1. **Dr. Gangadhar Moraje, M.A., Ph.D.**, Head, Department of Marathi, Ahmednagar College, Ahmednagar (Retired) delivered 10 lectures on Christpuran & Christian Literary.
2. **Dr. Kalyan Kale, M.A., Ph.D.**, Reader in Marathi, Poona University delivered 10 lectures on



Problems of Marathi Grammer.

#### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students	
	M.Phil.	Ph.D.
1. Dr. P. B. Wader		2
2. Dr. S. D. Komarpant		2

#### 5. Research Projects : Nil

#### 6. Visitors to the Department : Nil

#### 7. Visits Abroad : Nil

#### 8. Participation in Seminars, Conferences and Workshops :

##### **Dr. P. W. Wader and Dr. S. D. Komarpant**

Participated in the seminar jointly organised by Goa University (Department of Marathi) and Gomantak Marathi Academy on 'Contemporary Marathi Novel From 1975 to 1990' on 9th & 10th March, 1992.

##### **Dr. P. B. Wader**

- i) Participated in the seminar on 'writing and teaching of history of Marathi Literature' organised by Modern College Pune on 20th & 21st December, 1091.
- ii) Talk on 'Historical Novels by Prof. S.S. Desai in the seminar organised by Prof. S.S. Desai Amrutnahotsava Samiti at Fatorpa on 5th January, 1992.
- iii) Read a paper in the seminar organised by Osmania University (Department of Marathi), Marathi Sahitya Parishad and Akhil Bharatiya Marathi Sahitya Mahamandal at Hyderabad on 26th, 27th & 28th February, 1992.
- iv) They also gave a talk on 'Literary personality of Prof. S. S. Desai, a veteran historian and novelist', at Fatorpa in the seminar jointly organised by 'Prof. S. S. Desai Amrut Mahotsava Samiti', 'Gomantak Marathi Academy' and 'Gomantak Sahitya Sevak Mandal' on 5th January, 1992.
- v) Participated in the seminar on 'Goa Marathi Literature' at 20th Gomantak Marathi Sahitya Sammelan, Sanquelim on 11th & 12th April, 1992.

##### **Dr. S. D. Komarpant**

- i) Attended a workshop as a resource person for training in the methodology for new text-book introduced for Std. XII organised by Board of Secondary & Higher Secondary Education at Alto Betim on 18th July, 1991.
- ii) Talk on 'Lokmanya Tilak : Life and mission' organised by 'All Goa Freedom Fighters' Association' at Azad Gomantak Dal Hall, Panaji on 15th August, 1991.
- iii) Talk on 'Social content in Contemporary Marathi Drama' on All India Radio, Panaji, on 2nd February, 1992.
- iv) Talk on 'Creative process of the poem' in the symposium at literary meet, Kanakona organised by Gomantak Marathi Academy and Marathi Samskar Kendre, Kanakona on 15th March, 1992.
- v) Talk on 'Goan Marathi Literature' in the seminar at 20th Gomantak Marathi Sahitya Sammelan, Sanquelim on 12th April, 1992.
- vi) Talk on 'Literary works of Ramesh Mantri' at the felicitation function organised by Maharashtra Information Centre, Gomantak Marathi Academy and Gomantak Sahitya Sevak Mandal at Panaji on 30th April, 1992.
- vii) Talk on the book '**B.B. Borkar** : Vyakti ani Vangmaya' by Prof. Manohar H. Sardesai published by Gomantak Marathi Academy at Chamber of Commerce Hall, Panaji.

##### **Shri K. M. Sadre**

- i) Seminar on Dr. Nemade's Literature - organised by Marathwada Sahitya Parishad on 5th & 6th October, 1991 at Aurangabad - presented a paper on 'New Morality and Nemade's Novels'.
- ii) Seminar on Aditya - (a novel by A. K. Heblekar) - organised by SahityaSamvad on 12th January, 1992 at P.E.S. Calege, Farmagudi, Ponda - Participated as a resource person.
- iii) One month NLP. 17.P course on "Computer Science related skills for language teachers" at the Comp. Sc. Deptt. of University of Poona under the auspices of Department of Electronics

(Govt. of India) from 2nd March, 1992 to 31st March, 1992.

- iv) Discussion on "Decolonization of teaching of English" organised by the Department of English, Goa University on 30th January, 1992.

#### **Shri. Sawant V. D.**

- i) Read a Paper 'A study of Bhalchandra Nemade's Novel 'Kosala' in the seminar arranged by Marathwada Sahitya Parishad at Aurangabad on 5th & 6th October, 1991.

### **9. Research Publications and other Articles :**

September 1991 - 'Selected short stories' by Manohar Malgaonkar, Mehta Prakashan, Pune.

#### **Articles :**

##### **Dr. P. B. Wader**

- i) *Valvanti* - 11th & 12th April, 1992 Souvenir published at 20th Gomantak Marathi Sahitya Sammelan, Sanquelim.
- ii) 'Audumber by Balkavi' - *Aarti* Diwali issue 1991, Sindhudurg.
- iii) C. V. Joshi as humourist - *Hemangi* Diwali issue 1991, Bombay.
- iv) Trends in Marathi Literature - *Aarti* Gomantak Marathi Sahitya Sammelan Special Issue April, 1992, Sindhudurg.

#### **Articles published by**

##### **Dr. S. D. Komarpant**

- i) Short stories by Haribhau Apte, *Maitra*, August, 1991, Panaji.
- ii) Trends in autobiographies in Marathi : *Aarati*, Diwali Special number 1991, Sindhudurg.
- iii) Poetic beauty in Dnyaneshwari : *Lokbhumi Diwali* Special number 1991, Panaji.
- iv) Mysticism in the modern Marathi Poetry *Maitra* Diwali Special number 1991, Panaji.
- v) Poetry by Saint Sohriobanath Ambiye *Valvanti a* Souvenir published at 20th Gomantak Marathi Sahitya Sammelan, Sanquelim on 11th & 12th April, 1992. A book-review on 'Balkavi Samiksha : 1918- 1990' by Prof. S.S. Nadkarni. *Maitra*, Gomantak Marathi Sahitya Sammelan special

number, April, 1992, Panaji.

#### **Shri K. M. Sadre,**

- i) "New Morality and the Novels of Dr. Bhalchandra Nemade" - an extensive article published in Special Number (on Nemade) of the magazine (February, 1992) *Pratishthan*.
- ii) "Joagvache Abhivyaktivishesh" - article on Aarti Prabhu's poetry - collection "*Joagva*" published in "*Gomantakachi Asmita*" March/April, 1992.
- iii) "Teekaswayamvaramadhil Sameekshadrishtiche Swaroop" - an article on Nemade's "Teekaswayamvara" . - published in '*Maitra*' January, 1992.

### **10. Any other Details :**

- i) Attended the 'Gomantak Marathi Sahitya Sammelan' held at Sankhali (Goa) on 11-12 April, 1992.
- ii) Participated in the discussion on a Konkani novel 'Karme/in' arranged by '*Sahitya Sanvad*' at Panaji in December, 1992.

## **1.5 DEPARTMENT OF FRENCH**

### **1. Teaching and Research Staff :**

- |                          |                   |
|--------------------------|-------------------|
| 1. Dr. Belinda Fernandes | Lecturer and Head |
| Ph.D. (French)           |                   |
| 2. Shri Prasad Barve     | Lecturer          |
| M.A. (French)            |                   |

### **2. Contributory Teachers :**

**Dr. Manohar L. Sardessal**, Ph. D. (French)  
Ex.Coordinator & Head of the Department of French, Goa University.

Delivered 20 supplementary lectures on Literary Movements in France (Paper IV)

### **3. Visiting Teachers : Nil**

### **4. Details of Research Students : Nil**

## 5. Research Projects :

**Dr. Belinda Fernandes** - "Goan writers in Portuguese".

**Shri Prasad Barve** - "French - Marathi Dictionary".

## 6. Visitors to the Department :

**Mrs. Naydu** (Professor of French, Alaska University) visited the Department and spoke to our students on 25th February, 1992.

## 7. Visits Abroad : Nil

## 8. Participation in Seminars, Conferences and Workshops :

**Mr. Prasad Barve** attended a seminar in French on the topic 'From One Civilization to the Other' at B.H.U., Varanasi.

## 9. Research Publications and other Articles :

"Feuilles" (a journal in French distributed to all schools and colleges offering French in Goa).

## 10. Other Details :

**Dr. Belinda Fernandes** organized a Spelling Competition in French for students of Dhempe College of Arts & Science, Miramar on 30th Jan. 92.

### 1.6 DEPARTMENT OF PORTUGUESE

#### 1. Teaching Staff :

Dr. (Miss) Maria Selma de Vieira Velho  
M.A.; Ph.D.  
Lecturer & Head

### 1.7 DEPARTMENT OF ECONOMICS

#### 1 Teaching and Research Staff :

1. M. A. Shahi Professor & Head  
**B.A.** (Hons); M.A. (Mysore);  
M.A. (Chicago); Ph.D. (Kent);  
F.S.S. (London) **Contributory Teachers : Nil**

2. A. R. Padoshi M.A., Ph.D.	Reader
3. Mrs. S. M. Noronha M.A., D.H.E., Ph.D.	Lecturer
4. Errol D'Souza M.A.	Lecturer
5. Halima Sadia M.A.	Lecturer

## 2. Visiting Teachers : Nil

## 3. Details of Research Students :

Name of the Guiding Teacher	No. of students Ph.D. / M.Phil.
1. Dr. M. A. Shahi	3

## 4. Research Projects : Nil

## 5. Visitors to the Department : Nil

## 6. Visits Abroad : Nil

## 7. Participation in Seminars, Conferences and Workshops :

### M. A. Shahi

Seminar on Social Science Research organised by the Goa University in collaboration with the Western Regional Centre of ICSSR on 20th November, 1991 at Goa University.

### Dr. A. R. Padoshi

i) Attended annual conference of Indian Society of Agricultural Economics at Hyderabad December, 1991 and presented paper on 'Green Revolution and poverty eradication in India.'

ii) Attended annual conference of Marathi Arthashastra parishad at Nanded, November, 1991.

### Dr. S. M. Noronha

i) Attended the Winter School in Quantitative Economics from 2nd December to 30th December, 1991 at ISI-Bangalore, jointly organised by ISI, ISEC and Bangalore University.

ii) Open forum on 'Employment Policy in Goa',

Union of Journalists at Hotel Keni, Panaji.

- iii) Seminar on "Is the Common Man Losing Faith in the Judicial System?" on 26th October, 1991 at Shehnai Hall, Ponda, organised by North Goa District Advocate's Association.
- iv) Seminar on Social Science Research organised by the Goa University in collaboration with the Western Regional Centre of ICSSR on 20th November, 1991 at Goa University.
- v) Talk on the functioning of University in U.S.A. delivered by Prof. Sardesai, Professor of History of University of California Los Angeles, U.S.A. on 7th August, 1991 at Goa University in memory of the late Prof. B. V. Singbal.
- vi) Presented a paper on the 'New Industrial Policy of 24th July, 1991' at a discussion of Union Budget 1991-92 organised by the Department of Economics, at Goa University on 30th March, 1992.

#### **Halima Sadia**

- i) Attended the Winter School in Quantitative Economics from 2nd Dec. 1991 to 30th Dec. 1991 at ISI, Bangalore jointly organised by ISI, ISEC & Bangalore University.
- ii) Seminar on Social Science Research organised by the Goa University in collaboration with the western Regional Centre of ICSSR on 28th November, 1991 at Goa University.
- iii) Attended the seminars held by the Department of Philosophy of Goa University 'On Nature of Self in Various Religions' by Dr. B. Shaikh and Khajesta P. Mistree.
- iv) Attended a lecture held by the Department of Philosophy on 'Subjective and Objective Aspects of the Body' on 7-1-1991 by Dr. D. Tiemersma of Erasmus University, Rottandam, Holland.
- v) Attended workshop on 'Reconstituting the Indian Polity' held at the Conference Hall of Goa University on 26th August, 1991 conducted by the Department of Political Science in collaboration with Academic Staff College.
- vi) Attended lecture held by Political Science De-

partment on "U.S. Soviet Relations after the Soviet collapse" on February, 3, 1992 by Dr. Michael Bronen.

- vii) Attended Open Forum on Employment Policy in Goa organised by Goa Union of Journalist at Hotel Keni Panjim on 27th September, 1991 presided over by the Labour Minister.

### **9. Research Publications and other Articles :**

#### **M. A. Shahi**

- i) Defence expenditure and the External Debt The Afro-Latin American Experience, The Asian Economic Review Vol. 33 No. 2 Aug. 1991.
- ii) The Gulf War the World Economy, Southern Economist Nov. 15, 1991.
- iii) The Union Budget and Economic Reforms, Southern Economist, March 6, 1992.

#### **A. R. Padoshi**

##### **Articles:**

- i) "Inter State disparity in Economic Growth: The Indian experience" in Southern Economist -1-5-1991.
- ii) "The Role of the Small Scale Sector in Employment Generation in India", in Industrial entrepreneurship in Small Scale Industries by Anmol Publication, New Delhi.

##### **Books:**

'Agricultural Development in India' published by Himalaya Publishing House, Aug. 1991.

Award of Ph.D. Degree under his guidance.  
Ph.D. Production under Guidance:

- 1. Shri Vaman R. Nayak, Aug. 1991.
- 2. Mrs. S. M. Noronha, Jan. 1992.
- 3. Delivered two lectures on "Land Reforms in India", at V. D. Patil Institute of Management, Miraj, on 21-10-1991

### **10. Any other Details :**

#### **M. A. Shahi**

- i) Radio talk on Budget 1992 (All India Radio) Panaji, Goa.

### S. M. Noronha

- i) Conducted a Pilot Survey on Employment in Kakra village.
- ii) Conducted a sample survey on existing recruitment pattern in Luxury Hotels in Goa and prospects of education for employment in this sector, the result of which was presented at a workshop on "Tourism Education, Job Opportunities and Training needs in Goa", organised by the Tourism Research Group, Goa University and Govt. College of Arts & Commerce at Quepem on 15th April, 1992.
- iii) Submitted a project proposal on "Migrant Construction Workers in Goa" to the ICSSR, Bombay for approval.

### Halima Sadia

Attended a lecture on 'The Comparative Study of Democracy in South Asia' by David Taylor on April 3, 1992.

## 1.8 DEPARTMENT OF HISTORY

### 1. Teaching and Research Staff :

1. Dr. **B. S. Shastry** Professor & Head  
M.A., Ph.D.  
(Dr. B. S. Shastry expired on 8.6.1991)
2. Dr. K. M. Mathew Reader & Head  
M.A., Ph.D.
3. Dr. Pratima P. Kamat Lecturer  
M.A., Ph.D.
4. Dr. N. Shyam Bhat Lecturer  
M.A., Ph.D.
5. Mr. Ujjayan Bhattacharya Lecturer  
M.A., M.Phil.
6. Mr. Xavier Martins Research Assistant  
M.A.

### 2. Contributory Teachers :

- i) **Dr. Joseph Barros**, M.A., Ph.D., D.Litt., F.R.A.S. • and a recognised Guiding Teacher, General Secretary, Institute Menezes Braganza, Panaji
- i) **Dr. K. M. Mathew** (Jointly with **Dr. U.M.X. Sangodkar**, Head, Department of Bio-Technol-

delivered lectures to the M.A. students on HC 2 "History of Goa, 1789-1961", HE 6 - "History of Goa, 1510-1788" and HC 7 - "History of Latin America since 1900".

- ii) **Dr. P. P. Shirodkar**, M.A., Ph.D. Director of Archives, Archaeology and Museum, Govt. of Goa, delivered lectures to the M.A. students on HC 2 and HE 6.

### 3. Visiting Teachers :

**Dr. D. R. Sardesai**, Chairman, Department of South East Asian History, University of California, Los Angeles, U.S.A., and a renowned scholar visited the Department and delivered a lecture on 'India and South East Asia' on 8.6.1991.

### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students
Dr. K. M. MatheW	Ph.D.! M.Phil. 4

### 5. Research Projects :

ogy and Marine Science, Goa University) is working on a Research Project entitled "Maritime Policies and the State of the Knowledge of Seas in Portuguese Goa, 1510-1961". The project is funded by the Indian Council of Historical Research (I.C.H.R.), New Delhi.

- ii) **Dr. N. Shyam Bhat** is working on a project entitled "Judiciary and Police in Early Colonial South Kanara 1799-1862". This is financed by the I.C.H.R., New Delhi.

### 6. Visitors to the Department :

- i) A delegation from Netherland visited the Department from 9-9-1991 to 12-9-1991. It consisted of two eminent Professors (1) **Prof. Wesseling Hendrik L.**, Director, Institute for the History of European Expansion and (2) **Prof. Heesterman Johannes C.**, Director, Chair of Indian languages and civilisation in Netherland. The staff members and students of the Department had discussions with them..

- ii) **Dr. M. M. Pearson**, Associate Professor of

History, NSW University and a well known Australian Scholar on Indo-Portuguese History visited the Department of 13-9-1991.

## 7. Visits Abroad :

**Dr. K. M. Mathew**, Head of the Department of History attended the VI International Conference on Indo-Portuguese History at Macau at the invitation of the organizers. He presented a research paper on "Reflections on the Socio-Political Content of Tuhafat-ul-Mujahudeen and the Portuguese in Malabar."

## 8. Participation in Seminar, Conferences, Workshops, etc. :

### **Dr. K. M. Mathew**

- i) Course Coordinator for all the three Refresher Courses organized by the Department at the Academic Staff College this year.
- ii) Resource person at the Academic Staff College, Karnatak University, Dharwar and Mahatma Gandhi University, Kottayam, Kerala.
- iii) Attended the XII Annual Session of the South Indian History Congress at Karnatak University, Dharwar from 9-11-1991 to 11-11-1991 and participated in its deliberations as a member of its Executive Committee. Elected as the General Secretary of South Indian History Congress for the next three years (1992-1994).
- iv) Assisted in the organization of the I.C.S.S.R. (W.R.C.) Workshop for Social Science Teachers held at the Goa University on 28-11-1991.
- v) Participated in a Seminar on Govt. Politics and Society in Goa and Maharashtra organized by the Department of Political Science, Goa University and I.C.S.S.R. (W,R.C.) at Goa University on 23-1-1992 and 24-1-1992. Presided over one of its sessions.
- vi) Attended a Seminar on "Gandhi and Nehru" organized by the Nehru Forum, Goa at the Goa University on 30-1-1992.
- vii) As joint Director organized the VI Local History Seminar on Goa held at the Directorate of Archives, Panaji on 27-2-1992 and 28-2-1992.

### **Dr. Pratima P. Kamat**

- i) Attended the XII session of the South Indian History Congress held at Karnatak University, Dharwar from 9-11-1991 to 11-11-1991 and presented a paper entitled "Native Clerical Protests against the Portuguese Policy of Racism in Goa : The case of the Conspiracy of 1787".
- ii) Attended I.C.S.S.R. (W.R.C.) workshop for Social Science Teachers held at Goa University on 28-11-1991. Made a presentation on the research proposal submitted to the I.C.S.S.R. (W.R.C.) entitled, "Peasantry and the Colonial State in Goa, 1821 to 1961".
- iii) Participated in the Seminar on "Varieties of Hindu Faith in Goan Temples" organised by the Department of Philosophy, Goa University, at the University Campus on 5-12-1991 and 6-12-1991.
- iv) Participated in the Seminar on "Government, Politics and Society in Goa and Maharashtra" organized by the Department of Political Science, Goa University and the I.C.S.S.R. (W.R.C.) at Goa University on 23.1.1992 to 24.1.1992.
- v) Participated and helped to organize the workshop on Home Gardening, organized by the Nehru Forum, Goa at Goa University on 28-1-1992.
- vi) Attended and helped to organize the seminar on "Gandhi and Nehru" organized by the Nehru Forum, Goa at Goa University on 30-1-1992.
- vii) Participated in and helped to organize the VI Local History (Goa) Seminar organized jointly by the Directorate of Archives, Archaeology and Museum, Govt. of Goa and the Department of History, Goa University, at the Directorate of Archives, Panaji on 27-2-1992 and 28-2-1992.
- viii) Presented a paper on 'New History as a paradigm for restructuring historical writing and thinking' during the VI Refresher Course held at Academic Staff College, Goa University on 20-3-1992.
- ix) Participated in and helped to organise the seminar on "Tourism Education : Job opportunities and training needs in Goa" conducted jointly by the Tourism Research Group, Goa University

and the Govt. College of Arts & Commerce, Quepem, on 15-4-1992.

Paper presented: "Manpower Training in the Tourism Sector in Goa An outline of the Main Tourism Related courses offered in Goa."

- x) Attended the conference of the VII Anniversary of the Progressive Law Association organised in collaboration with the All Goa Advocates Association at the M.S. College of Law, Miramar, Panaji on 2-3-1992.
- xi) Successfully completed the VI refresher course in History on the theme of "Recent Trends in History" at the Academic Staff College, Goa University from 5-3-1992 to 26-3-1992.
- xii) As a resource person delivered, a lecture on "New History" for the participants of the V Refresher course in History at the Academic Staff College, Goa University, in November 1991.
- xiii) Participated in the subject upgradation (in history) programme of the Orientation Course in July, 1991 in the Department of History.
- xiv) As a resource person delivered a lecture on "Indian History and Culture through the Ages", to the participants of the orientation programme of the Rotary Club, Vasco-da-Gama, in February, 1992.
- xv) As a guest speaker delivered a talk on "The role of the U.N.O. in today's World" at the U.N. Day Celebrations organized by the Lions Club of Porvorim in October, 1991.

#### **Dr. N. Shyam Bhat**

- i) Delivered three lectures for the participants of the Orientation course on Historiography in India on 4th and 5th July, 1991. This was under the subject upgradation programme (in history) of the orientation Course organized by the Academic Staff College of Goa University.
- ii) Delivered a lecture on "The Munro System - A New Interpretation (13th Dec., 1991) for the participants of the Refresher Course in History, at the Academic Staff College of Goa University.
- iii) Attended a seminar on "Gandhi and Nehru" organized by the Nehru Forum, Goa, at Goa University on 30-1-1992.

iv) Attended and participated in the 6th Seminar on History of Goa, 27-28 Feb., 1992. The theme of the seminar was "Trade and Commerce Through the Ages", and also attended a symposium on "Goa and Gulf Countries". These were jointly organized by the Directorate of Archives, Archaeology and Museum, Govt. of Goa, Panaji and Department of History, Goa University, at the Archives. Helped in organizing **this seminar.**

v) Attended a seminar on "Government, Politics and Society in Goa and Maharashtra", 23rd and 24th January, 1992 jointly organized by the Department of Political Science, Goa University and I.C.S.S.R. (W.R.C.), Bombay, at the **Goa University.**

vi) Underwent a Basic Course in Portuguese language organised by the Instituto Indo-Portuguese, Panaji, Goa from July, 1991 to March, 1992.

#### **Mr. Ujjayan Bhattacharya**

- i) Attended a workshop jointly organized by Goa University and I.C.S.S.R. (W.R.C.), Bombay, on 28-11-1991 and presented a work proposal on "State Formation and Growth of Regional Politics in the context of Maratha Decline."
- ii) Attended a seminar on "Government Politics and Society in Maharashtra and Goa" and presented a paper on State Formation in Eighteenth Century Western India Growth of Regional and Sub-Regional Politics in the context of Maratha Decline". The seminar was organized by Department of Political Science, Goa University, and I.C.S.S.R. (W.R.C.), Bombay, on 23rd and 24th January, 1992.
- iii) Attended a two-day seminar on "Goa: Trade and Commerce Through the Ages" and a symposium on "Goa and Gulf Countries". These were jointly organized by the Directorate of Archives, Archaeology and Museum, Govt. of Goa, Panaji, and Department of History, Goa University on 27-28th February, 1992 at the Archives.

### **9. Research Publications and other Articles :**

#### **Dr. K. M. Mathew :**

"Reflections on the Socio-Political Content in

Tuhafat-ul-Mujahudeen and the Portuguese in Malabar" in the Proceedings Volume of the VI International Conference on Indo-Portuguese History held in Macau, October, 1991.

**Dr. Pratima P. Kamat**

- i) "Kunkallechem Bandh" (in Konkani) Sunaparant Diwali 1991, Margao, p.p. 28-31.
- ii) "Father A.F.X. Alvares and the 'Sedutuib' of 1895 in Goa", Proceedings of the Ninth South Indian History Congress, 1991, p.p. 46-49.

**1.9 DEPARTMENT OF POLITICAL SCIENCE**

**1. Teaching and Research Staff :**

- 1. Dr. Adi H. Doctor                      Professor & Head  
M.A., Ph.D.
- 2. Dr. M. J. Audi                              Reader  
M.A., Ph.D.
- 3. Dr. Peter R. DeSouza              Reader  
M.A., M.Phil., D.Phil. (U.K.)
- 4. Dr. Mohan M. Sangodkar Lecturer  
M.A., Ph.D.
- 5. Dr. Santishree D.N.B. Pandit Lecturer  
M.A., Ph.D.
- 6. Dr. Muzaffar H. Assadi              Lecturer  
M.A., M.Phil., Ph.D.

**2. Contributory Teachers : Nil**

**3. Visiting Teachers : Nil**

**4. Details of Research Students :**

Name of the Guiding Teacher	No. of students	
	Ph.D.	M.Phil.
1. Prof. A. H. Doctor	5	
2. Dr. M. J. Audi	2	

**5. Research Projects :**

- i) The Department has completed work on a Research Monograph on "Goan Polity : Government, Politics & Society in Goa" under the supervision of Prof. A.H. Doctor. The Monograph comprises of research papers contributed by
- iii) **Prof. B. V. Nandedkar, M. S. University of Baroda**, visited the Department on 3rd September, 1991 and lectured to the students on "Lead-

faculty members & select invitees. The type-script is ready for publication.

- ii) Dr. M. J. Audi's work on "Causes and Consequences of Corruption in India" is still in progress.
- iii) Dr. Santishree Pandit was sanctioned Rs. 45,000/- by the UGC for undertaking research on "Caste and Power in India - A Study of the Guntur District in Andhra Pradesh."

**6. Visitors to the Department :**

- i) **Prof. G. P. Deshpande**, Centre for East Asian Studies, School of International Studies, J.N. University, New Delhi, visited the Department on 20th August, 1991 and addressed Departmental students on "Politics and Culture".
- ii) **Mr. Roger C. Rasco**, Director of the U.S.I.S., Bombay, visited the Department on 29th August, 1991 and had discussion with faculty on "Leadership in Political Science."
- iv) **Dr. Zoya Hasan**, Associate Professor at J.N. University, New Delhi, visited the Department on 6th September, 1991 and lectured to the Post-graduate students on "The B.J.P. Phenomena".
- v) **Dr. David Taylor**, School of Oriental and African Studies, visited the Department on 3rd April, 1992 and addressed the students and faculty on the theme of Comparative study of Democracy in Asia.
- vi) **Dr. A. J. R. Groom**, Professor of International Relations, University of Kent at Canterbury, (Visiting India on a Ford Foundation Lecture Tour) visited the Department on 16th January, 1992 and addressed students and Faculty on "The U.N. System and the Kuwait Crisis".
- vii) **Dr. Michael Brown**, Senior Fellow at the International Institute of Strategic Studies, London, (on a USIS sponsored visit to India) visited the Department on 3rd February, 1992 and lectured to students and faculty on "US-Soviet Relations after the Soviet Collapse."



## 7. Visits Abroad :

**Dr. Peter R. DeSouza** visited Buenos Aires, Argentina, 21-25 July, 1991 to attend the World Congress of the International Political Science Association. Visit was sponsored by Goa University, Ford Foundation and IPSA. Dr. Peter R. DeSouza also visited the London School of Economics 29-30 May 1992 to participate in the Political Philosophy Colloquim of the International Political Science Association and presented a paper on "Liberty and the Banning of a Novel". Visit was sponsored by the British Council and Charles Wallace Trust.

## 8. Participation in Seminars/Conferences and Workshops :

### **Prof. Adi H. Doctor**

- i) As Resource Person lectured to teacher-participants attending the Orientation Programme for the Revised Foundation Course organised by the Principals' Committee in collaboration with Goa University, at Damodar College, Margao, 29th July, 1991.
- ii) Organised and participated in the Workshop on "Reconstituting the Indian Polity" based on paper presented by Dr. P.R. Dubhashi, 26th August, 1991 at Goa University, Goa.
- iii) Participated in a Symposium on the United Nations Organization, organized by Lions Clubs International, Region V, on 24-10-1991 at Panaji, Goa.
- iv) Delivered the J.P. Memorial Lecture on "Gandhi and the Discourse on Sustainability", at the Gandhian Institute of Studies, Varanasi on 21st November, 1991.
- v) Participated in the Workshop (and presided over one session) on Political Culture in India organised by the Institute of Gandhian Studies, Varanasi, on 22-23, November, 1991.
- vi) Organized a seminar on "Government, Politics and Society in Goa and Maharashtra" in collaboration with the Western Regional Centre of the ICSSR on 23-24 January, 1992; and presented a paper on "Coalition Politics in Goa" at the seminar.
- vii) Presented a paper on "The Self in Gandhian

Philosophies" at the National Seminar on "The Nature of the Self in Indian Philosophy" organized by the Indian Council of Philosophical Research in collaboration with Philosophy Department of Goa University on 24-26 March, 1992.

### **Dr. M. J. Audi**

- i) As Resource Person lectured to teacher-participants attending Orientation Programme for Revised Foundation course organised by the Principals' Committee in collaboration with Goa University at Damodar College, Margao, on 29th July, 1991.
- ii) Presented a paper on "Impartiality and Independence of the Judiciary" at the Seminar on Judicial system organised by the North Goa District Advocates Association, at Ponda, October, 1991.
- iii) Delivered the V. P. Sawant Memorial lecture on "Perversions of Secularism in India" at Dnyanaprasarak Mandal, Mapusa, October, 1991.
- iv) Participated in the seminar and presented a paper on "Denationalized Goans-Then and Now" at the Seminar on "Government, Politics and Society in Goa and Maharashtra" organized by the Political Science Department of Goa University in Collaboration with the WRC of the ICSSR on 23-24 January, 1992.
- v) Delivered a lecture on "Has Marxism Failed?" at the Cuncolim College of Arts & Commerce, February, 1992.

### **Dr. Peter R. DeSouza**

- i) Presented a paper on "Reinventing the Wheel- Inequality and Democracy in India" at the XV World Congress of the International Political Science Association at Buenos Aires, Argentina, 21-25 July, 1991.
- ii) Participated in the Workshop on Political Culture in India and presented a paper on "Religion and Politics: Contemporary India at the Crossroads", organized by the Institute of Gandhian studies Varanasi, 22-23 November, 1991.
- iii) Participated in the seminar and presented a paper on "Defections and Democracy in Goa" at

the seminar on 'Government, Politics and Society in Goa and Maharashtra organised by the Political Science Department of Goa University in collaboration with the WRC of the ICSSR on 23-24 January, 1992 at University Campus, Goa.

- iv) Gave a talk on "Citizenship Development" to the 4th Regional Seminar-cum-Workshop on Value Education, organized by the Citizenship Development Society, New Delhi on 27th February, 1992 at Vasco, Goa.
- v) Participated in a Political Philosophy Colloquium and presented a paper on 'Liberty and the Banning of a Novel' at the London School of Economics (UK), on 29-30 May, 1992. Presented same paper at a seminar at Sussex University (UK) on 28th May, 1992.
- vi) Presented paper on "Defections and Democracy in India" at the School of Oriental and African Studies, London on 1-6-1992.
- vii) Presented a paper on "Rushdie Affair in India" at Centre for Research in Ethnic Relations, University of Warwick (UK) on 2.6.1992.
- viii) Presented a paper on "Book Banning in Democracies" at the Centre for International Politics and Administration, North Eastern University, Boston (USA), on 8.6.1992.

#### **Dr. Mohan M. Sangodkar**

- i) Participated in the seminar and presented a paper on "Political and Administrative Institutions in Portuguese India" at the seminar on "Government, Politics and Society in Goa and Maharashtra" organised by the Political Science Department of Goa University in collaboration with the WRC of the ICSSR on 23-24 January, 1992 at University Campus, Goa.

#### **Dr. Muzaffar H. Assadi**

- i) Participated in the one-day seminar on "Research Proposal Formulation" organised by the Western Regional Centre of the ICSSR at Goa University, Goa in November, 1992.
- ii) Participated in the Seminar on "Government, Politics and Society in Goa and Maharashtra" organized by the Political Science Department of Goa University in collaboration with the Western Regional Centre of the ICSSR, 23-24 Janu-

ary, 1992.

- iii) Participated in the Seminar on "The Nature of Self in Indian Philosophies" organised by Philosophy Department of Goa University in collaboration with the Indian Council of Philosophical Research, 24-26 March, 1992.

### **9. Research Publications and other Articles :**

#### **Dr. A. H. Doctor**

- i) "The Low Caste Protest Movement in 19th and 20th Century Maharashtra: Study of Jotirao Phule and B. R. Ambedkar", Indian Journal of Social Science, published by the ICSSR, New Delhi, Vol. IV No. 2 released in September, 1991.
- ii) "India's Neutrality as Judged from Her Participation in UN Debates!" in book "Indian Foreign Policy" edited by Verinder Grover, Deep and Deep Publications, New Delhi, 1992.
- iii) "Gandhi and the Discourse on Sustainability" in Gandhian Perspectives, Journal of the Gandhian Institute of Studies, Varanasi, Vol. IV No. 2 Fall 1991.
- iv) "Nehru the Architect of the Modern Indian State" in the Maharshi Dayanand University Research Journal Vol. 4 No. 2, special Nehru Number released in My, 1992.

#### **Dr. M. J. Audi**

Articles published in Newspapers

- i) On Examinations in India, Navhind Times, Panaji, 8.9.1991.
- ii) U.N. and World Peace, Navhind Times, Panaji, 26.10.1991.
- iii) Has Marxism Failed? Navhind Times, Panaji, 30.12.1991.
- iv) Kashmir Problem and Solution, Navhind Times, Panaji, 4.4.1992.
- v) Bhartatil Dharma - Nirpekshatecha Viparyas, Gomantak, Panaji 12-12-1991.
- vi) Bhartatil Vidhyapithachi Adhogati, Gomantak 2.2.1992.

**Dr. P. R. DeSouza**

- i) "The Bandh as Democratic Activity" in Gandhian Perspectives, Journal of the Gandhian Institute of Studies, Varanasi Spring, 1992.
- ii) Review of George Mathews book "Communal Road to a Secular Kerala" in Sociological Bulletin, 1991.

**Prof. A. H. Doctor**

- i) Course Coordinator of three UGC sponsored Refresher Courses in Political Science organised by the Academic Staff College of Goa University during 1991-92.
- ii) As Resource person gave lectures to participants attending the UGC sponsored Orientation Courses conducted by the Academic Staff College of Goa University.
- iii) Resource Person to IAS Coaching Classes conducted by Goa University in May, 1992.
- iv) Member of the Editorial Committee of the I CSSR Journal of Abstracts and Reviews.

**Dr. McJ. Audi**

- i) Gave talk on All India Radio, Panaji, on Nehru as a World Statesman, November, 1991 and on Commonwealth Day, March, 1992.
- ii) Resource Person for Orientation Courses and Refresher Courses conducted by the Academic Staff College of Goa University during 1991-92.
- iii) Resource Person to IAS Coaching Classes conducted by Goa University in May, 1992.
- iv) Member of Local Managing Committee of College of Arts & Commerce, Cuncolim.

**Dr. P. R. DeSouza**

- i) Resource Person for Political Science and History Refresher Courses conducted by the Academic Staff College of Goa University.
- ii) Resource Person to IAS Coaching Classes conducted by the Goa University, May, 1992.

**Dr. M. H. Assadi**

- i) Secretary of the Goa Association of Political

**10. Any other Details :** Science, Panaji, Goa.

- ii) Resource Person for Political Science Refresher Course conducted by the Academic Staff College of Goa University during 1992.

**1.10 DEPARTMENT OF SOCIOLOGY**

**1. Teaching and Research Staff :**

1. Shri S. R. Phal M.A.	Reader & Head
2. Dr. William R. DaSilva M.A., Ph.D.	Reader
3. Mr. Alito Sequeira M.A.	Lecturer
4. Dr. Sasheej Hegde M.A., Ph.D.	Lecturer
5. Dr. Manjit Singh M.Sc. (Agri.), Ph.D.	Lecturer
6. Mrs. Noemia M. Mascarenhas , M.A. Junior Research Fellow, UGC, New Delhi (14.2.1989)	
7. Mrs. Nishta A. Tombat, M.A. Junior Research Fellow, UGC, New Delhi (9.3.1990)	

**2. Contributory Teachers :** Nil

**3. Visiting Teachers :** Nil

**4. Details of Research Students :**

Name of the Guiding Teacher	No. of students	
	Ph.D.	M.Phil.
Shri S. R. Phal		5
Dr. W. R. DaSilva		5

**5. Research Project :**

**I) Shri Alito Sequeira**

Community Development Programme of Goa University at Kakra Village. Together with Dr. (Mrs.) Silvia Noronha of the Department of Economics, Mr. Sequeira prepared a report, "Re-

entering Kakra" for Goa University Community Development Programme in April, 1992.

A research project, "Training Needs in the Tourism Sector in Goa", supported by Goa University, and with active collaboration of participants drawn from different departments of Goa University. .

**ii) Dr. Manjit Singh :**

A research project, "Uneven Development in Agriculture and Labour Migration" at and sponsored by the Indian Institute of Advanced Study, Shimla, Himachal Pradesh.

**iii) Dr. William R. daSilva :**

A research project spilled over from elective course (SE 19), "Capital Accumulation, Women and Marriage in India" (1990-91 and 1991-92), self-financed; the data is being processed into a MS for publication.

A research project, "Alternative Literacy", partly financed by DEEDS, Mangalore 575002, partly self-financed. The results have been used in training pre-primary and primary teacher i (in four batches) at Nirmala Institute of Education, Panaji, Goa, for Certificate in Konkani course. The data is being edited into a MS, "Society and Literacy" for publication.

An evaluation project for Training for Development Scholarship Society, Pune 411014, a non-government voluntary organization, on their mobilisation of people for development in Kerala, Karnataka and Maharashtra; the report submitted.

A long-term, Konkani Dictionary Project to collect, process, edit and publish an eight volume set on social, cultural, culinary, religious, linguistic and kinship life of Konkani people. (Period: 1991-1998).

**6. Visitors to the Department :**

i) **Dr. Klaas van der Veen**, from the Centre for Asian Studies, Amsterdam, Free University of Amsterdam, (CASA), on the occasion of his visit to Goa University on fellowship, visited the department of sociology, for an exchange on the study of Indian Medicine. December 16, 1991.

ii) **Dr. Alexander Henn**, from South Asia Institute,

Department of Ethnology, Heidelberg University, Germany, visited the Department of Sociology, for exchange on people's systems of representation (symbols). Contact: Dr. W.R. daSilva.

He also gave a lecture in two parts on "Colonial Modes of Construction, Repression, and Survival of the Worship of Tutelary Gods in the 19th and 20th Centuries."

**7. Visits Abroad : Nil**

**8. Participation in Seminars, Conferences & Workshops :**

**i) Dr. Manjit Singh :**

Routine participation in the national and other seminars which is obligatory on the part of Fellows in the Indian Institute of Advanced Studies, Shimla, Himachal Pradesh.

**ii) Mr. Alito Sequeira :**

All India Consultation on Religion and Tourism organised by E.C.T.W.T. (Bangkok), Vasco-da-Gama, Goa, November 5-9, 1991.

International Conference of Youth Tourism, New Delhi, organised by the World Tourism Organization, November, 1991.

Resource person for workshop on "All-India House Workers' Association", held at Pillar, Goa in April, 1992.

"Tourism Education: Job Opportunities and Training Needs in Goa", organised by Goa University and Government College of Arts & Commerce, Kepem, Goa on April, 15, 1992.

**iii) Dr. W. R. daSilva :**

Lecture on "Indian Social Reality Today and Social Science Theory-Building in India" at Tata Institute of Social Sciences (TISS), Bombay 400088, on July, 3, 1991.

Lecture on "Social Movements in India" at the Indian Institute of Technology, Bombay 40076 Centre for Technology Alternatives for Rural Areas (CTARA), on July 6, 1991.

Discussion orientation to IIT campus students (CTARA and some activists) on "Social Move-

ments and Alternatives Historiography in India" at CTARA, IIT, Bombay 400076, on July 4-5, 1991.

Lecture on "Konkani Lexicography and Natural Language Translation" at CDAC. Pune University Campus, Pune, on August, 21, 1991.

Lecture series on "Towards an Ethnosociology of Communalism in India Today" at the Department of Political Science and Public Administration, Poona University, Pune, on August 22-23, 1991.

Lecture on "Functionalism to Structuralism" The Transformation of Marxian Dialectic in Claude Levi-Strauss" to M.Phil. Students at the Department of Sociology, Central University of Hyderabad, on September 18, 1991.

Lecture on "Oral History and Oral Traditions in Goa" to M.A. Students, Department of History, Goa University, on July 26, 1991.

Participation in a Consultation on "Secularism in India Today : A Multi-religious Perspective" at J.P. Naik Bhavan, Bombay University Campus, Kalina from October 11-13, 1991, organised by Vikas Adhyayan Kendra, Bombay.

Paper on "Status of Inter-disciplinary Approach in Social Sciences" at one-day meet of WRC (ICSSR) at Goa University, Goa on November 28, 1991.

Participation in a workshop on "Women, Environment and Development: Policy Making and Implementation", organised by All India Women's Studies and Development Organisation, at Jamia Hamdard, New Delhi, from January 17-19, 1992, and a paper at the workshop on "Women, Environment and Development: A Retrograde Option" on January 18, 1992.

Participation in one-day workshop of Ecoforum: "For Goa's Sustainable Development" at Salgaonkar Law College, Miramar, Goa, participation in discussion in "Ecology and Development in Goa", organised by Ecoforum at Yatri Niwas, Miramar, Goa, on November 24, 1991.

Lecture on "Folklore, Folkloristics and People" in the Department of English, Kuvempu University, B. R. Project, Shimoga, on December 7, 1991.

Participation in Seminar on "Government, Politics and Society in Goa and Maharashtra" organised by WRC (ICSSR) and Department of Political Science, Goa University, from January 23-24, 1992 and a paper on "Saraswat and Samata: Or, Where do we go from here in Goa?" on January 23, 1992.

Participation in the Fourth Regional Seminar-cum-Workshop on "Value Education", from February 27-29, 1992 organised by Citizenship Development Society, New Delhi, and a paper on "Value Education and Society" at Kendriya Vidyalaya, Vasco-da-Gama, on February 27, 1992.

Participation in a National Seminar on "The Nature of the Self in Indian Philosophies" from March 24-26, 1992 .organised by ICPR and Department of Philosophy, Goa University, Goa, a paper on "The Denial of Self in Indian Philosophies and People", on March 26, 1992.

Paper (submitted on "Social Aspects and Perceptions on Leprosy" at one-day Seminar on "Leprosy Update", India, at Hotel Fidalgo, Panaji, Goa on October 12, 1991, organised by National Leprosy Eradication Project, India.

Participation, direction and lectures on "Literacy and Society -The Alternative Method", organised by DEEDS, Mangalore, from January 31 to February 2, 1992 at DEEDS Office, Mangalore 575002, for activists and co-workers of DEEDS on 'Total Literacy - An Alternative Method'.

## **9. Research Publications and other Articles :**

### **i) Dr. Manjit Singh**

Whither Land Reforms (monograph); Indian Institute of Advanced Studies, Shimla and Manohar, New Delhi, 1991.

### **ii) Mr. Alito Sequeira**

"Tourism and the Drama of Goan Ethnicity", being revised for publication in the Annals of Tourism Research. "Re-entering Kakra" - A report prepared for Goa University's Community

Development Programme, April, 1992.

iii) **Dr. W. R. daSilva**

"Denationalised Goan or, Plaidoyerfor Return to Ganvponn" in B.S. Shastry, ed., Socio-Economic Aspects of Portuguese Colonialism in Goa in 19th to 20th Centuries, (Goa University Publication Series No. 7), Yarbal Offset Printers, Belgaum, 1991, pp. 165-72.

"Religion and the Civil War in America" in Social Compass, (Sage Publications, London), 38 (1991) 3: 257-72.

"Jesuits in India in Historical Perspective; Some Ethnosociological Reflections" in T.R. De Souza S.J. and Charles Borges, S.J., eds., Jesuits in India: In Historical Perspective, (XCHR Jesuit Studies and Documentation Series No. 1), Institute Cultural de Macau, Macau, 1992, pp. 387-404.

"Women Environment and Development: A Retrograde Option" in H.L. Swarup, ed. (to be published).

"Ex Oriente Lux or, Postmodern Survival of Asia" in T.R. de Souza, S.J., ed. (to be published).

'Brides' Wealth Revisited: Bride-price to Groom-price at what Price?" in Economic & Political Weekly (to be published).

**10. Any other Details :**

i) **Shri S. R. Phal**

Presented a paper on "Caste System and Joint Family System" as a resource person **at** the Orientation Programme for revised Foundation Course (Paper I), jointly organised by Damodar College of Commerce and Economics and Goa University at Margao on July 28, 1991.

ii) **Dr. W. R. DaSilva**

Board of Studies meetings of the Department of Political Science and the Department of Sociology, Kuvempu University, B. R. Project, Shimoga (November-December, 1991).

Certificate in Konkani courses (in four batches) for untrained (and some trained) pre-primary and primary teachers on Saturdays and Sundays (and some holidays), from February, 1991

to September, 1992 at Nirmala Institute of **Education**, Altinho, Panaji, Goa.

Preliminary lecture at the Govt. College of Arts and Commerce, Kepem, to social science students in order to initiate 'adult literacy in Kepem', March, 1991.

**1.11 DEPARTMENT OF PHILOSOPHY**

**1. Teaching and Research Staff :**

1. Dr. R. A. Sinari M.A. (Phil.), Ph.D.	Professor & Head
2. Dr. A. V. Afonso • M.A. (Phil.), Ph.D.	Reader
3. Dr. U. A. Vinay Kumar M.A. (Phil.), Ph.D.	Lecturer
4. Dr. A. Raghu Rama Raju M.A. (Phil.), Ph.D.	Lecturer
5. Mrs. Sanjyot Pai Vernekar M.A. (Phil.)	Lecturer
6. Miss Meneses Maria Norma Junior Research Fellow, <b>I.C.P.R.</b> , New Delhi. Since June, 1991.	

**2. Contributory Teachers : Nil**

**3. Visiting Teachers : Nil**

**4. Details of Research Students :**

Name of the Guiding Teacher	No. of students	
	<b>Ph.D.</b>	<b>M.Phil.</b>
i) Dr. R. A. Sinari	<b>4</b>	
ii) Dr. A. V. Afonso	<b>4</b>	

**5. Visitors to the Department :**

- i) **Professor D. Tiemersma** of the Department of Philosophy, Erasmus University, Rotterdam (Holland) was here as Visiting Professor for a week in January, 1992. He lectured to Philosophy faculty and students and also to the faculty and students of Goa Medical College;

ii) **Prof. Fritz Wallner**, Professor of Scientific Theory, Vienna University (Austria) was with us as a Visiting Professor for a week in January, 1992. He gave a series of lectures on "Cognitive Sciences" in the department.

iii) **Dr. Bijoy Barua**, Department of Humanities and Social Sciences, IIT Kanpur lectured on "What is it to feel Pain or Pleasure?" in December, 1991.

## 7. Visits Abroad : Nil

## 8. Participation in Seminars, Conferences and Workshops

The Department of Philosophy organized two seminars during the year. The seminar on "Varieties of Hindu Faith in Goan Temples" was sponsored by the ICSSR-Western Region and was attended by local and out-station invitees. It was inaugurated by Dr. P. R. Dubhashi, the Vice-Chancellor and directed by Dr. R. A. Sinari. The seminar was attended by 30 scholars. Ten papers (written in English, Marathi and Konkani) were presented and discussed in the seminar.

ii) The second seminar, held in March, 1992, was a National Seminar. The subject of the seminar was "The Nature of the Self in Indian Philosophies". It was financed by the I.C.P.R., New Delhi and was attended by 50 scholars from various universities in India. It was inaugurated by Dr. P. R. Dubhashi, the Vice-Chancellor and directed by Dr. R. A. Sinari. 22 papers were presented and discussed at the seminar.

### Dr. R. A. Sinari

- i) was an invitee to an International Seminar on "Religion and Society" held in Poona in November, 1991. The title of his paper was "Religious Archetypes of the Hindu Psyche";
- ii) was Visiting Fellow at the University of Poona for 10 days. He lectured to the Philosophy Faculty and students there on themes in Phenomenology, Philosophical Anthropology, Merleau-Ponty's Existential Phenomenology, and Hermeneutics;
- iii) was an invitee to Indian Philosophical Association Annual Meeting at the University of Bombay in October, 1991. He was a symposiast on "Ambedkar's Thought."

### Dr. U. A. Vinaykumar

i) attended National Seminar at Goa University on "The Nature of the Self in Indian Philosophies" (March, 1992) and presented to it a paper titled "Superimposition as a Logico-Ontological Contradiction";

ii) attended a Refresher Course on "Analytical Philosophy" (sponsored by ICPR, New Delhi) in the University of Hyderabad in December, 1991.

### Dr. A. Raghu Rama Raju

i) Presented in absentia, a paper titled "Of Thinking Machines and the Centred Self: Some Philosophical Consideration" at the International Workshop on "Human Centered Systems" held at National Institute of Science, Technology and Development Studies, New Delhi (December, 1991);

ii) presented a paper titled "Contextualizing Contemporary Indian Philosophy : A pre-requisite to the Understanding of the Political Life" in the National Seminar at Goa University on "The Nature of the Self in Indian Philosophies" (March, 1992).

### Dr. R. A. Sinari:

- i) "The World as the Ontological Project of Man" in Phenomenology and Indian Philosophy (Motilal Banarasidass, 1992).
- ii) "Man: The Elusive Reality" in The Quest for Man (Van Gorcum, Netherlands, 1991).

## 2.1 DEPARTMENT OF MATHEMATICS

### 1. Teaching and Research Staff :

- |   |                  |
|---|------------------|
| 1. Dr. S. G. Deo<br>M.Sc. Ph.D.                 | Professor & Head |
| 2. Dr. Y. S. Prahalad,<br>M.Sc. <b>Ph. D.</b>   | Reader           |
| 3. Dr. M. T. Nair,<br>M.Sc., Ph.D.              | Reader           |
| 4. Shri A. Ban erjee,<br>M.Sc.                  | Lecturer         |
| 5. Dr. A. J. Jayanthan,<br>M.Sc.; M.Phil; Ph.D. | Lecturer         |

6. Dr. M. Ganesh, Lecturer  
M.Sc.; Ph.D.

7. Shri Y. S. Valaulikar, Lecturer  
M.Sc.; M.Phil.

## 2. Contributory Teachers : Nil

## 3. Visiting Teachers : Dr. S. P. Pethe, M.Sc.; Ph.D.

## 4. Details of Research Students :

Name of the Guiding Teacher	No. of students	
	M. Phil.	Ph.D.
1. Dr. S. G. Deo	2	
2. Dr. Y. S. Prahalad		1
3. Dr. M. T. Nair		1
4. Dr. S. P. Pethe	2	

Ms. Maria Imelda Breganca submitted M. Phil. thesis entitled "Variation of Parameter Techniques in Differential Equations" under the guidance of Prof. S. G. Deo and the thesis has been approved for the award of the degree.

## 5. Research Project : Nil

## 6. Visitors to the Department :

- i) Prof. Chetan Gupta of the Northern University at Illinois, U.S.A. visited the Department and gave a talk on Boundary Value Problems.
- ii) Prof. Morten of the Oxford University, U.K. visited the Department and had discussions with the faculty members.
- iii) Prof. S. C. Gupta of the Indian Institute of Science, Bangalore, visited the Department and gave a talk on Fluid Dynamics.

## 7. Visits Abroad :

Dr. M. Ganesh Went to the University of Bath, U.K. under the Commonwealth Fellowship Programme (April 1991 - June 1992).

## 8. Participation in Seminars, Conferences and Workshop :

### Dr. S. G. Deo

- i) Participated and gave talk in the Teachers Workshop held at Tilak High School, Karad on November, 13, 1991.

- ii) Attended the Conference of Mathematics Teachers of Shivaji University during November, 9, 10, 11; 1991 at Wellington College at Sangli. Invited Talk: Diophantine Equations.

- iii) Participated in the three-days conference of Association of Mathematics Teachers of India at Panaji, Goa, during January 24-26, 1992. Invited Talk: Mathematics for All.

- iv) Participated in the second Instructional Workshop on mathematics Education conducted by the Ministry of Human Resource Development, Homi Bhabha Centre for Education and the Indo-US Sub-Commission on Education during February 3-13, 1992 at Verem, Goa. Talk: Past-time of the Past.

- v) Invited Talks were given in the Academic Staff Colleges in Goa and Karnataka.

### Dr. M. T. Nair

- i) Participated in the 79th Session of Indian Science Congress held at M. S. University, Baroda, during January 5-8, 1992. Invited Talk: Regularization of Ill-Posed Operator Equations in the Symposium on "Applied Functional Analysis and Geometry of Banach Spaces".

- ii) Participated in the Discussion Meeting on Harmonic Analysis, organized by the Indian Academy of Sciences and the Indian Statistical Institute, Bangalore at I.I.Sc. Campus during March 11-14, 1992.

### Dr. M. Ganesh:

- i) Presented a paper in the International Conference on Numerical analysis held at University of Dundee, Dundee, U.K. in June, 1991.

- ii) Participated in International Conference on Nonlinear Systems held at University of Bath, Bath, U. K. in July, 1991.

- iii) Participated in the Spring School on Nonlinear Analysis held at University of Bath, Bath, U.K. in April 1992.

### Shri. Y. S. Valaulikar :

- i) Participated and involved in the organization of three-Days Conference of Association of Mathematics Teachers of India at Panaji, Goa during January 24-26, 1992.



- ii) Participated in Second Instructional Workshop on Mathematics Education conducted by the Ministry of Human Resource Development, Homi Bhabha Centre for Education and the Indo-U.S. Sub-Commission on Education during February 3-13, 1992 at Verem, Goa. Paper: Inservice Training for Teachers.

## 9 Research Publications and other Articles :

### Dr. S. G. Deo

- i) Variation of parameter formula for the equation of Cooke and Wiener, Proc. Amer Math. Soc. 112(1991)75-80. (with K. N. Jayashree).
- ii) Experiments in advanced mathematics at the higher Secondary School level, Proceedings of the Indo-US Workshop on mathematics Education, October 30-November 9, 1989, pp. 177-183.

### Dr. M. T. Nair :

- i) Super convergence of modified projection method for intergral equations of the secocnd kind, Integral Equations andApplications, 3(1991) 255-269. (with R. S. Anderseen, ANU).
- ii) On strongly stable approximations, J. Austral. Math. Soc. (Series A) 52 (1992) 251-260.

### Dr. M. Ganesh:

- i) Optimality of nonlinearcontrol systems, Nonlinear Anal. and Appl. 16 (6) (1991) 553-566. (with M.G. Joshi).
- ii) Numerical solvability of Hammerstein integral equations of mixed type, IMA J. Numer Anal., 11(1991)21-31 (with M.C. Joshi)

### Dr. S. P. Pethe:

- i) On the order non homogeneous recurrence relation and some generalized Fibonacci sequences, Fibonacci Qua. 30.3(1992)256-262.

## 1.9 DEPARTMENT OF PHYSICS

### 1. Teaching and Research Staff :

- |                      |                  |
|----------------------|------------------|
| 1. Dr. R. B. Prabhu, | Professor & Head |
| M.Sc.; Ph.D.         |                  |
| 2. Dr. E. Desa,      | Reader           |
| M.Sc.; Ph.D.         |                  |

- |                         |          |
|-------------------------|----------|
| 3. Dr. P. R. Sarode,    | Reader   |
| M.Sc.; Ph.D.            |          |
| 4. Dr. G. R. Bhat,      | Lecturer |
| M.Sc.; Ph.D.            |          |
| 5. Dr. Uma Subramaniam, | Lecturer |
| M.SC.; Ph.D.            |          |
| 6. Dr. R. B. Tangsali,  | Lecturer |
| M.Sc.; Ph.D.            |          |
| 7. Dr. S. D. Deshpande, | Lecturer |
| M.Sc.; Ph.D.            |          |

### 2. Contributory Teachers : Nil

### 3. Visiting Teachers : Nil

### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students	
	M.Phil.	Ph.D.
1. Dr. R. B. Prabhu	5	2
2. Dr. E. Desa	2	
3. Dr. P. R. Sarode		4

Details of the students who have completed their M. Phil. dissertation :

1. Guide : Dr. R. B. Prabhu.

**(a) Mr. R. Kanekar:** Effective Medium Theories of two band alloys.

**(b) Mr. S. H. Prabhu Keluskar :** Characteristics of Spinel magnesium ferrites.

**(c) Mr. G. V. S. Kundaikar:** Characteristics of spinet cobalt ferrites.

**(d) Mr. J. B. C. Efrem Desa:** Resistivity and thermopower of the antiferromagnetic system Mn Tey Se<sub>1-y</sub> :Submitted.

### 2. Guide: Dr. P. R. Sarode

- (a) **Mr. S. Gauns:** X-ray Spectroscopic study of some rare earth tungsten bronzes.

### 5 Research Project:

- i) **IUC/DAE:** Dr. R. B. Prabhu and Dr. P. R. Sarode Neutron Scattering Study of rare earch based

Kondo systems.

- ii) **IUC/DAE:** Dr. J. A. E. Desa  
Structural studies of glasses using small angle neutron and x-ray scattering.

## 6. Visitors to the Department :

**Dr. Vinod Krishnan**, M.Sc; Ph.D., Scientist, Indian Institute of Astrophysics, Bangalore, Delivered one lecture on Plasma Physics.

## 7. Visits Abroad : Nil

## 8. Participation in Seminars, Conferences & Workshops:

- i) **Dr. R. B. Prabhu** attended a discussion Meeting on "Metal Insulator Transition" at the Indian Institute of Science, Bangalore in February, 1992.
- ii) **Dr. P. R. Sarode** delivered 3 lectures on EXAFS and conducted one tutorial session at Inter-University Consortium for Department of Atomic Energy Facilities, Indore from January 6-10, 1992.

Dr. P. R. Sarode attended a two-day Orientation Course on Dhruva National Facility for Neutron Beam Research from April 1-2, 1992.

- iii) **Dr. S. D. Deshpande** attended Workshop on Materials organised by IUC from Aug. 19-31, 1991.

Dr. S. D. Deshpande presented a paper in International Conference on Synchrotron Radiation Sources organized by IUC, Indore from Feb. 3-6, 1992.

- iv) **Dr. G. R. Bhat** attended the workshop on Mathematics Education organized by the Indo-US Sub-Commission and Tata Institute of Fundamental Research, in February 1992.

## 9. Research Publications and other Articles :

- i) "Geochemistry of polymetallic nodules from the Central Indian Ocean Basin"  
A. **B.** Valsangkar, N. **H.** Khadge, J.A.E. Desa, Marine Geology 103, 361-371, 1992.
- ii) "Small Angle Scattering from a Block Copolymer"  
**P.** M. Sawant, G. R. Bhat, J. A. E. Desa, A.

C. Lind. Solid State Physics (India), 346C, 47, 1991.

- iii) "A XANES Study of the k-absorption edge of copper in some of its compounds and use of the same in the determination of bond length"  
S. K. Pandey, A. R. Chetal and P. R. Sarode Physics B. 172, 324-328 (1991).
- iv) "X-ray absorption Fine Structure Study of some compounds and complexes of samarium and gadolinium"  
A. R. Chetal, P. Manto and P. R. Sarode, J. Less-Common Metals 167, 199-211 (1991).
- v) "Study of the Fermi level in disorder aluminium-manganese alloys by X-ray absorption spectroscopy"  
S. D. Deshpande, P. R. Sarode and C. Mande, Phil. Mag. B 64, 597 (1991).
- vi) "EXAFS studies of Bi-doped cuprate superconductors"  
G. B. Parulekar and P. R. Sarode presented at the National Seminar on X-ray Spectroscopy and Allied Area, organised by Devi Ahilya Viswavidyalaya, Indore, January 9-12, 1992.

## 2.3 DEPARTMENT OF CHEMISTRY

The Department of Chemistry consists of three disciplines, Inorganic, Organic and Physical Chemistry. For the Master's degree course the instruction is common for all the branches at the part - I level while the instruction in a specialised branch is given in the Second Year. Post-graduate degrees are awarded in each of the discipline separately.

## 1. Teaching and Research Staff :

- |                              |           |
|------------------------------|-----------|
| 1. Dr. S. K. Paknikar,       | Professor |
| M.Sc.; Ph.D.                 |           |
| 2. Dr. V. N. Kamat Dalai,    | Professor |
| M.Sc.; Ph.D.                 |           |
| 3. Dr. L. S. Prabhu Mirashi, | Professor |
| M.Sc.; Ph.D.                 |           |
| 4. Dr. J. K. Kirtany,        | Reader    |
| M.Sc.; Ph.D.                 |           |

- |  |          |
|--|----------|
| 5. Dr. B. D. Desai,<br>M. Sc.; Ph. D.      | Reader   |
| 6. Dr. J. S. Budkuley,<br>M. Sc.; Ph.D.    | Reader   |
| 7. Dr. K. S. Rane,<br>M. Sc.; Ph.D.        | Reader   |
| 8. Dr. J. B. Fernandes<br>M. Sc.; Ph.D.    | Lecturer |
| 9. Dr. S. P. Kamat,<br>M. Sc.; Ph.D.       | Lecturer |
| 10. Dr. A. V. Salker,<br>M. Sc.; Ph.D.     | Lecturer |
| 11. Dr. V. P. Kamat,<br>M. Sc.; Ph.D.      | Lecturer |
| 12. Dr. S. G. Tilve<br>M. Sc.; Ph.D.       | Lecturer |
| 13. Dr. B. Dasgupta,<br>M. Sc.; Ph.D.      | Lecturer |
| 14. Dr. B. R. Srinivasan,<br>M. Sc.; Ph.D. | Lecturer |

In addition to the regular teaching staff, Dr. (Mrs.) Suneeta Nair and Dr. N. Chandrasekhar are attached to the Department as C.S.I.R. Pool Officers. Dr. Prabhu Mirashi resigned from post of Professor of Physical Chemistry during the beginning of the academic year.

## 2. Contributory Teachers :

During the year contributory teaching was done by the following teachers.

- i) Dr. John B. Fernandes, Principal, Govt. College of Arts & Science, Marcela, Goa.
- ii) Dr. G. R. Bhat, Department of Physics, Goa University.
- iii) Dr. R. B. Tangsale, Department of Physics, Goa University.
- iv) Prof. L. S. Prabhu Mirashi, Department of Chemistry, University of Poona, Pune.
- v) Dr. Vijaymohan, National Chemical Labora-

tory, Pune.

- vi) Shri S. S. Hinde, P.E.S. College, Ponda.
- vii) Dr. U. M. X. Sangodkar, Department of Marine Biotechnology, Goa University.
- viii) Dr. P. R. Pednekar, Hindustan Ciba-Geigy, Goa.

## 3. Visiting Teachers : Nil

## 4. Details of Research Students :

Name of the Guiding Teacher	No. of students
	M. Phil Ph. D.
1. Prof. S. K. Paknikar	3
2. Dr. B. D. Desai	1
3. Dr. J. S. Budkuley	1
4. Dr. K. S. Rane	1

## 5. Research Projects :

The staff members who received financial support from UGC for the minor research projects have completed the work on these projects. The department of Science & Technology has awarded a project under the 'Young Scientist Scheme' to Dr. S. G. Tilve. A research project entitled 'Research and Development Fuel Cell' submitted by Dr. J. S. Budkuley has been accepted by the DST for financial support.

The work on the CSIR sponsored research project 'Development Catalysts' (Project Investigator - Dr. A. V. Saleker) commenced on 1st September, 1991. The minor research projects submitted by Drs. V. P. Kamat and S. G. Tilve have been approved.

A project entitled Medicinal Plants \_\_\_\_\_ Compounds' submitted by Prof. S. K. Paknikar to department of Science and Technology, Govt. of Goa has been approved. Dr. V. P. Kamat is a co-investigator in this research project.

The approved positions of project assistants have been filled.

## 6. Visitors to the Department :

- 1) Dr. Ralf Mayer, Pharmaceutical Institute, University of Bonn, Germany, spent a month at the department under INSA - DFG exchange

programme. Besides initiating a joint research programme on medicinal plants of Goa with Professor S. K. Paknikar he delivered lectures on the following topics:

- a) 'NMF Spectroscopy - Use in Structure Elucidation' (September 23, 1991)
- b) 'Chemical constituents of some Medicinal Plants' (September 30, 1991).
- ii) **Dr. S. D. Samant**, University Department of Chemical Technology, Bombay University delivered a lecture on 'Sonication in Organic Synthesis'. (October 16, 1991).
- iii) **Prof. Manik Sardesai**, Wayne State University, Detroit, Michigan USA delivered a talk entitled 'Hydrogen Bonding assisted cleavage of amino acetals to amines' (4th January, 1992).
- iv) **Prof. Datta Naik**, Monmouth College, New Jersey, USA, delivered a talk entitled 'Ozone Pollution and Exposure' (4th January, 1992).
- v) **Mr. B. A. Figueira**, Metchem, Sydney, Australia delivered a talk entitled 'Polyurethanes and Adhesives' (15th January, 1992).
- vi) **Prof. Ch. Tamm**, University of Basel, Switzerland delivered a talk entitled 'Enzymes in Organic Synthesis' (16th January, 1992).
- vii) **Prof. D. Nasipuri**, Emeritus Scientist, Indian Institute of Chemical Biology, Calcutta, delivered a talk on 'Determination of Absolute Stereochemistry' (12th February, 1992).

## 7. Visits Abroad :

- i) **Dr. J. B. Fernandes** has gone to New York, U.S.A. as a Post-doctoral fellow (May 1992).
- ii) As a part of reinvitation programme of DAAD, Germany, **Dr. K. S. Rane** left for University of Karlsruhe, Germany for a period of 3 months (May 1992).
- iii) **Dr. S. P. Kamat** received an offer of a visiting lecturer at California Polytechnic University for a period of six months and proceeded to USA on 6th June, 1992.

## 8. Participation in Seminars, Conferences & Workshops:

- i) Following papers were presented by the staff members at the Xth Annual Conference of Indian Council of Chemists organised by Goa University.
  - i) T curve of \_\_\_\_\_ precursors  
K. S. Rane et al. Xth Annual Conference of Indian Council of Chemists, p. 23, 1991.
  - ii) BisrCauo \_\_\_\_  
K. S. Rane et al. Xth Annual Conference of Indian Council of Chemists, p.24, 1991.
  - iii) Utilization of \_\_\_\_\_ ferrites  
K. S. Rane et al. Xth Annual Conference of Indian Council of Chemists, p. 46, 1991.
  - iv) Simultaneous oxidation \_\_\_\_\_ Radox catalyst  
A. V. Salker et al. Xth Annual Conference of Indian Council of Chemists, p. 218, 1991.
  - v) Fe-Mo-S \_\_\_\_\_  
B. R. Srinivasan and S. Sarkar, Xth Annual Conference of Indian Council of Chemists, p. 29, 1991.
  - vi) Oxidation \_\_\_\_\_ Complex  
B. R. Srinivasan, Xth Annual Conference of Indian Council of Chemists, p. 64, 1991.

The paper presented by Dr. B. R. Srinivasan in ICC Conference has been adjudged as the best paper in the Inorganic Chemistry Section and for this Dr. Srinivasan will be awarded the Young Scientist Award of ICC. •

2. Weekly Seminar Session is a very important activity of this department. The students (M.Sc. Part I and II), research students, faculty members deliver lectures. Lectures by visitors are also arranged on the weekly seminar day as far as possible. Prof. S. K. Paknikar, Dr. J. B. Fernandes, Dr. B. R. Srinivasan, Dr. A. V. Salker and Dr. N. Chandrasekhar delivered lecture/s during the academic year. Research students, Shri K. K. Nadkarni, Shri B. L. Malik and Mr. J. Bhattacharjee gave seminars during the academic year.
3. Group Monitoring Workshop in Inorganic Chemis-

try (DST, New Delhi). The workshop was organised by the Department in March 1992. Dr. J. S. Budkuley was the Chief Co-ordinator, who received full support from staff and students in organising this workshop.

4. Dr. J. S. Budkuley attended the ITAS workshop at Bhubaneswar and presented a paper. Prof. S. K. Paknikar participated in the 'National Symposium on Organic Chemistry - Focus on Emerging Interfaces' organised by National Chemical Laboratory, Pune as a Part of CSIR Golden Jubilee Celebrations. He also delivered an invited lecture at Regional Research Laboratory (CSIR), Trivendrum. Dr. S. P. Kamat attended the refresher course conducted by Bombay University in September- October, 1991. Dr. B. R. Srinivasan and Dr. S. G. Tilve attended the orientation course organised by the Academic Staff College, Goa University in May - June, 1992.

#### 9. Research Publications and other Articles :

- i) **J. K. Kirtany** and **A. V. Gaonkar** Reimer-Tieman Reaction using carbon tetra chloride  
Ind. J. Chem., 30B, 800 (1991)
- ii) **S. S. Nair,**  
Spectrophotometric determination of nitrite in environmental samples using a new reagent system.  
Intern. J. Environ. Anal. Chem., 44, 153 (1991).
- iii) **J. S. Budkuley,**  
Determination of Hydrazine and Sulphite in the presence of one another, Mikrchim, Acta, 108, 103 (1992).
- iv) **J. B. Budkuley,**  
Thermoanalytical Properties of Nickel Nitrilotriacetate Hydrazine Complexes, Proc. 8th National Symp. Therm. Anal., 570 (1991).
- v) **A. V. Saleker**  
Phase Analysis of some Vanadium Oxides by Differential Scanning Calorimetry  
  
Proc. 8th National Symp. Therm. Anal, 197 (1991).

## 2.4 DEPARTMENT OF MICROBIOLOGY

### 1. Teaching and Research Staff :

- |     |  |           |
|-----|--|-----------|
| 1.  | Dr. S. Mavinkurve<br>Ph.D.   | Professor |
| 2.  | Dr. J. D'Souza<br>Ph.D.  | Reader    |
| 3.  | Dr. D. J. Bhat<br>Ph.D.  | Reader    |
| 4.  | Dr. I. Furtado<br>Ph.D.  | Lecturer  |
| 5.  | Dr. S. Bhosle<br>Ph.D.   | Lecturer  |
| 6.  | Dr. S. Nazareth<br>Ph.D:<br>(On study leave w.e.f. 18.9.1990)                            | Lecturer  |
| 7.  | Dr. S. Sharma<br>Ph.D.<br>(until 1.9.1991)   | Lecturer  |
| 8.  | Ms. B. Lobo<br>M.Sc.<br>w.e.f. 14.11.1991 (leave vacancy)                                | Lecturer  |
| 9.  | Mr. N. D. 'Souza, M.Sc.<br>UGC Faculty Improvement Programme<br>w.e.f. 31.3.1990         |           |
| 10. | N. Kamat, M.Sc.<br>Senior Research Fellow (Goa DST)<br>w.e.f. 6.6.1990                   |           |
| 11. | Mrs. S. M. Kaliwal, M.Sc.<br>• Senior Research Fellow (CSIR)<br>w.e.f. 1.1.1991          |           |
| 12. | Mrs. S. Raj, M.Sc.<br>Project Assistant (UGC),<br>w.e.f. 4.12.1990 to 30.7.1992          |           |
| 13. | Ms. S. Borkar, M.Sc.<br>Junior Research Fellow (D.A.E.)<br>w.e.f. 14.2.1990 to 3.10.1991 |           |
| 14. | Mr. Siby Sebastian, M.Sc.<br>UGC Fellow w.e.f. 19.8.1991                                 |           |

15. Ms. N. Parmekar, M.Sc.  
Junior Research Fellow (DAE)  
w.e.f. 9.10.1991

## 2. Contributory Teachers :

- i) **Mr. M. B. Kaliwal**, Entomologist, Directorate of Health Services, Goa delivered 15 lectures.
- ii) **Dr. N. B. Bhosle**, Scientist, N.1.0., Goa delivered 4 lectures.
- iii) **Dr. V. S. Padbidri**, Scientist, N.1.V., Pune delivered 15 lectures.
- iv) **Mr. A. Menezes**, Lecturer, Dhempe College, Panaji delivered 20 lectures.
- v) **Dr. G. R. Bhat**, Lecturer, Department of Physics, Goa University, delivered 4 lectures.

## 3. Visiting Teachers :

The following lecturers/talks were organised by the department jointly with the Goa Unit of Association of Microbiologist of India :

- i) **Dr. S. D'Souza** (BARC) delivered lectures on "Immobilized Systems" on 5th February, 1992.
- ii) **Dr. P. M. Reddy**, G. U., delivered lecture on Molecular Aspects of M.R.N.A. Separation from Low Pea on 6.3.92.

## 4. Details of Research Students :

Name of the Guiding Teacher	No. of students M.Phil. / Ph.D.
1. S. Mavinkurve	2
2. J. D. 'Souza	3
3. D. J. Bhatt	2

## 5. Research Project :

### **Prof. S. Mavinkurve**

- i) Department of Atomic Energy, Bombay, sponsored the Project on "Genetic studies on Pseudomonas strain S transforming santonin" for Rs. 2,37,900/- during the year 1990-93.
- ii) U.G.C. sponsored project on "Mechanism of transport and transformation of santonin" for Rs. 95,000/- during the year 1990-93.

iii) CSIR sponsored project on "Interaction between microorganism & hydrophobic substrates longifolene & santonin" for Rs. 1,96,000/- during the year 1990-93.

iv) DST (Goa) sponsored project on "survey of identification of edible mushroom of Goa and their cultivation potential" w.e.f. 1990 for Rs. 2,10,000/-.

### **Dr. S. Bhosle**

UGC sponsored project on "Mannitol metabolism in Arthrobacter" w.e.f. June, 1991 for Rs. 14,000.

### **Dr. I. Furtado**

UGC sponsored project on "Isolation of a temperate phage from Pseudomonas" w.e.f. January, 1991 for Rs. 17,000/-.

## 6. Visitors to the Department :

Post-graduate students of Poona University visited the Department in March, 1992. The students were taken around and shown various instruments and the Goa University M.Sc. students gave a brief summary of the dissertation projects.

## 7. Visits Abroad :

**Dr. D. J. Bhat** visited Department of Biology, University of Waterloo, Ontario, Canada between Feb-March, 1992 to work on tropical microfungi in collaboration with "Prof. Bryce Kendrick.

## 8. Participation in Seminars, Conferences & Workshops :

- i) **Dr. S. Mavinkurve** attended the 32nd AMI Conference held at Madurai Kamaraj University on 10-12 January, 1992.
- ii) **Dr. I. Furtado** attended the UGC group monitoring workshop held at Manasgangotri University of Mysore on 21st-25th April, 1992.

## 9. Publications :

### **Papers presented :**

- i) Isolation and characterization of a megaplasmid from alpha-santonin degrading Pseudomonas,

By. S. Siby, S. Mavinkurve and U.M.X. Sangodkar, paper presented at 32nd AMI Conference at Madurai, Jan. 10-12, 1992.

- ii) Localisation of alpha-santonin binding factor. By Shailaja Raj, I. Furtado & S. Mavinkurve, at 32nd AMI Conference at Madurai, Jan 10-12, 1992.
- iii) Isolation of mutants by Tn5 mutagenesis for genetics studies of Pseudomonas strain S. By S. Borkar, N. R. Parmekar, U.M.X. Sangodkar and S. Mavinkurve at 32nd AMI Conference at Madurai, Jan. 10-12, 1992.
- iv) "Observations on new hypomycetes from Western Ghats and South Andaman Islands, India" paper presented at Great Lakes, St. Lawrence Winter Workshop in Mycology, held at Department of Botany, University of Toronto, Ontario, Canada, between 7-8th March, 1992.

#### Papers Published :

- i) **Ahmad R. and Bhat D. J.** An underscribed species of Vermispora from India. Mycologia 83(2):230-232 (1991).
- ii) Bhat D.J., Chien C. and Kendrick B. Exploration of Tropical Microfungi : An exercise in diversity. Trans. Mycol. Soc. Japan 33 ; 142-157 (1992).

#### 10. Any other Details :

##### i) AMI Conference :

The Department has undertaken the task of hosting the 33rd AMI Conference at Goa University during November 5-7, 1992. The organizing committee has been formed under the chairmanship of the Vice-Chancellor, Goa University. Focal theme of the conference would be "Microbial Bioconversions".

- ii) **Microbiology students Alumini :** A meeting of all the ex-students was organised on 25th July, 1992 in the Committee Room of the office of the Vice-Chancellor. The Vice-Chancellor, Dr. P. R. Dubhashi formally inaugurated the alumini gathering of students. The following were elected as office bearers to organising future activities of the alumini.

- 1. President/Chairperson - Dr. N. B. Bhosle, NIO
- 2. Secretary - Dr. I. Furtado, GU
- 8. Members - Mr. Rui Falcao, Pharmacy College,

- (3) Mrs. Marina Dias, St. Xavier's College, Mapusa,
- (4) Ms. Vanessa Pacheco, Govt. Polytechnic, Altinho, Panaji

#### 2.5 DEPARTMENT OF GEOLOGY

##### 1. Teaching and Research Staff :

- |                         |                 |
|-------------------------|-----------------|
| 1. A. G. Dessai         | Reader and Head |
| M.Sc., Ph.D.            |                 |
| 2. Dr. P. S. Raikar     | Reader          |
| M.Sc., Ph.D.            |                 |
| 3. Dr. T. A. Vishwanath | Lecturer        |
| M.Sc., Ph.D.            |                 |
| 4. Dr. K. Mahender      | Lecturer        |
| M.Sc., Ph.D.            |                 |
| 5. Dr. A. G. Chachadi   | Lecturer        |
| M.Tech., Ph.D.          |                 |

##### 2. Contributory Teachers : Nil

##### 3. Visiting Teachers : Nil

##### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students
	M.Phil. <b>Ph.D.</b>
1. Dr. A. G. Dessai	<b>1</b>

##### 5. Research Project :

- i) Petrology of the Xenolith bearing alkaline dyke-swarm associated With Deccan magmatism, South of Bombay; sponsored by Department of Science & Technology, New Delhi. Principal Investigator : Dr. A. G. Dessai.
- ii) Mining Activity of WeAfern Ghat area and its impact on environment around Bicholim Goa, sponsored by Department of Environment, New Delhi. Principal Investigator : Dr. A: G. Dessai. Co-Investigator : **Dr. P. S. Raikar**, Dr. T. A. Vishwanath, Dr. K. Mahender, Dr. A. G. Chachadi.
- iii) Microfacies analysis of Miliolitic Limestones of Diu, Western India, sponsored by Department of Science and Technology, New Delhi. Principal Investigator : Dr. K. Mahender.

- iv) Analysis of unsteady flow to a large diameter well tapping multiaquifer system, UGC sponsored minor research project. Investigator : Dr. A. G. Chachadi,

#### 6. Visitors to the Department :

- i) **Dr. K. B. Powar**, Vice-Chancellor, Shivaji University visited the Department and held discussion with the faculty on the academic programme of the Department.
- ii) **Dr. R. K. Banerji**, Professor of Geology, Department of Earth Sciences, IIT, Bombay visited the Department and held discussions with the faculty on the academic and research programmes of the Department.

#### 7. Visits Abroad : Nil

#### 8. Participation in Seminars, Conferences & Workshops :

**Dr. P. S. Raikar** attended a symposium on Roads in Mining Areas organised by the Institution of Engineers (India) at Panaji, 1992.

#### 9. Publications:

- i) **A. G. Dessai** (1992), Podiform Chromites in mantle peridotites from Indus Ophiolitic Belt, Ladakh Himalaya; Journal Geological Society of India Vol. 39, pp. 29-38, 1992.
- ii) **A. G. Chachadi** (1991) Drawdown at a large-diameter observation well; journal of Hydrology Elsevier Sci. Publishers, B. V. Amsterdam, Vol. 127 pp. 219-233.
- iii) **A. G. Chachadi** (1992) Analysis of unsteady flow to a large diameter well experiencing well loss-Ground Water Journal, Ground Water Pb-fishing Company, Dublin, Ohio, USA, Vol. 30, No. 3, pp. 369-375.

#### 10. Any other details : Nil.

### 2.6 DEPARTMENT OF ZOOLOGY

#### 1. Teaching and Research Staff :

1. Shri M. P. Tonsekar Coordinator  
M.Sc. (upto 19.6.1992) **2.7 DEPARTMENT OF BOTANY**

#### 1. Teaching and Research Staff :

1. **Dr. S. G. Tome** Coordinator  
M.Sc., Ph.D.
2. **Dr. B. F. Rodrigues** Lecturer  
M.Sc., Ph.D.
3. **Dr. P. K. Sharma** Lecturer  
M.Sc., Ph.D.
4. **Dr. (Mrs.) V. U. Kerkar** Lecturer  
M.Sc., Ph.D.
5. **Dr. M. K. Janarthanam** Lecturer  
M.Sc., Ph.D.

#### 2. Contributory Teachers :

- i) **Dr. D. G. Dhandar**, ICAR, Ela Farm, Old Goa delivered 4 lectures.
- ii) **Mr. P. A. Mathew**, M.Sc., ICAR, Ela Farm, Old Goa, delivered 2 lectures.
- iii) **Dr. S. Nagphushnam**, ICAR, Ela Farm, Old Goa, delivered 2 lectures.
- iv) **Shri P. N. Pangu**, M.Sc., Dhempe College of Arts & Science, Panaji, delivered 10 lectures.
- v) **Shri G. I. Hukkeri**, M.Sc., Dhempe College of Arts & Science, Panaji, delivered 4 lectures.
- vi) **Shri K. G. Hiremath**, M.Sc., Dhempe College of Arts & Science, Panaji, delivered 9 lectures.
- vii) **Mrs. M. Prabhudesai**, M.Sc., Dhempe College of Arts & Science, Panaji, delivered 6 lectures.
- viii) **Dr. (Mrs.) L. Raghukumar**, N.1.0. Dona Paula delivered 6 lectures.
- ix) **Dr. A. B. Wagh**, N.1.0. Dona Paula delivered 4 lectures.
- x) **Dr. S. Raghukumar**, N.1.0. Dona Paula delivered 2 lectures.
- xi) **Shri P. Narayanam**, M.Sc., S.P. Chowgule College, Margao, delivered 16 lectures.



xii) **Shri U. S. Nargarckenkar, M.Sc.**, S. P. Chowgule College, Margao, delivered 14 lectures.

xiii) **Dr. R. V. Gaonkar**, S. P. Chowgule College, Margao, delivered 4 lectures.

xiv) **Mrs. Kasturi N. Desai**, M.Sc., P.E.S. College, Ponda, delivered 10 lectures.

xv) **Miss Sima V. Kamat**, M.Sc., P.E.S. College, Ponda, delivered 12 lectures.

xvi) **Mrs. Mini V. Vijayan**, M.Sc., Carmel College, Nuvem, delivered 12 lectures.

xvii) **Mrs. N. Mendonca**, M.Sc., Carmel College, Nuvem, delivered 11 lectures.

### 3. Visiting Teachers :

i) **Dr. V. A. Bapat**, B.A.R.C., Bombay visited the Department and delivered 2 lectures.

ii) **Dr. O. P. Saxena**, Gujarat University, Ahmedabad, visited the Department and delivered 24 lectures.

iii) **Dr. S. S. Raghuvanshi**, Lucknow University, Lucknow visited the Department and delivered 2 lectures.

### 4. Details of Research Students :

Name of the Guiding Teacher	NO. of students M.Phil. / Ph.D.
Dr. S. G. Torne	1

### 5. Research Project :

#### **Dr. P. K. Sharma :**

DST, New Delhi sponsored Research Project entitled "Effectiveness of UV-B radiation and interaction with high CO<sub>2</sub> and temperature on growth, physiology and biochemistry of Wheat" on total fund of Rs. 2,58,000.00 for a period of 2 years.

### 6. Visitors to the Department : Nil

### 7. Visits Abroad : Nil

### 8. Participation in Seminars, Conferences and

### Workshops :

All the staff members actively participated in one day sponsored workshop on "Plantation Programmes in Industries and Allied Complexes" held at Goa University on 30th January, 1992.

### 9. Research Publications and other Articles :

i) **Rodrigues B. F. & S. G. Tome** (1991). A chemical study of seeds in three *Canavalia* species. *Tropical Science* 31(1): 101-103 (England).

ii) **Rodrigues B. F. & S. G. Tome** (1991). Fruit rot disease of *Canavalia ensiformis*. *Pest Management* 37 (1): 100 (England).

iii) **Rodrigues B. F. & S. G. Tome** (1991). Morphological features of pollen grains in three *Canavalia* species. *Plant cell Incompatibility Newsletter* 23: 51-54 (USA).

iv) **Rodrigues B. F.** (1991). Changing ecology of Goa's coastline due to human disturbances - Causes and control measures. *Indian Journal of Environmental Protection* 11(6): 425-427 (India).

v) **Rodrigues B. F. & S. G. Tome** (1991) Root nodule morphology of *Canavalia ensiformis* (L.) DC. *Plant. Biojournal* 3(1): 13-46 (India).

vi) **Rodrigues B. F. & S. G. Tome** (1991) Characteristics of starch grains in three *Canavalia* species. *Agricultural & Biological Research* 7(2): 142-144 (India).

vii) **Rodrigues B. F. & S.G. Tome** (1992) Estimation of canavanine in the seeds of three *Canavalia* species. *Tropical Science* 32:319-32 (England).

viii) **H. N. Nyabuto & B. F. Rodrigues** (1992) Vegetation studies in Zuarinagar. In: Proceedings of one day sponsored workshop on "Plantation Programme in Industries & Allied Complexes" (Editors: S. G. Tome & B. F. Rodrigues) pp. 35- 42, Goa University.

ix) **P. K. Sharma and D. O. Hall** (1992) Effect of high light stress on primary photochemistry and light regulated enzymes on photosynthetic car-

bon metabolism, J. Plant Physiol. 138:719-726.

x) **P: K. Sharma** and **S. G. Singhal** (1992) Effect of photoinhibition on photosynthesis and lipid peroxidation. J. Photochem. Photobiol. B: Biol. 13: 84-94.

xi) **Amblye Vijaya** and **A. G. Untawale** (1991) Bioecology of an asticulated alga Amphiroa Fragilissima proceedings of Ind<sup>o</sup> U.S. Workshop on Bioactive substances in Marine Organism 55-61.

xii) **Kamat S. Y., S. Wahidulla, C. G. Naik, L. D'Souza, V. Jayasree, Vijaya Ambiyee, D. S. Bhakuni, A. K. Goel, H. S. Garg & R. C. Srimal** (1991) Bioactivity of Marine Organisms, Part-III: Screening of Marine Algae of the Indian Coast for Biological Activity. Mahasagar Vol. 24 (1): 53-57.

#### Books Published -

**Rodrigues B. F. & S. G. Tome** (1992) proCeeding of one day sponsored workshop on "Plantation Programmes in Industries & Alliad complexes" held on 30.1.1992 at Goa University.

### 3.1 DEPARTMENT OF MARINE SCIENCE

#### 1. Teaching and Research Staff :

- |   |                            |
|---|----------------------------|
| 1. Dr. U. M. X. Sangodkar<br>M.Sc., Ph.D.   | Professor &<br>Coordinator |
| 2. Dr. C. L. Rodrigues<br>M.Sc., Ph.D.  | Reader                     |
| 3. Dr. G. N. Nayak<br>M.Sc. (A.G.), Ph.D.   | Reader                     |
| 4. Dr. H. B. Menon<br>M.Sc., Ph.D.  | Lecturer                   |
| 5. Mr. S. Upadhyay<br>M.Sc.   | Lecturer                   |
| 6. Ms. Yashoshri Shrivastava,<br>M.Sc.<br>Research Fellow                             |                            |
| 7. Mr. S. S. Bukhari, M.Sc.<br>Junior Research Fellow, DOE. Ms. A.<br>Balamani, M.Sc. |                            |

Junior Research Fellow, U.G.C.

#### 2. Contributory Teachers :

1. Dr. Ramesh Babu, Scientist, N.I.O.
2. Dr. P. V. Sathe, Scientist, N.1.0.
3. Dr. Salimabi Wahidulla, Scientist, N.I.O.
4. Dr. S. N. De Souza, Scientist, N.1.0.
5. Dr. S. C. Goswami, Scientist, N.I.O.
6. Dr. H. R. Gomes, Scientist, N.1.0.
7. Dr. Joaquim Goes, Scientist, N.I.O.
8. Dr. T.G. Jagatap, Scientist, N.1.0.
9. Dr, Baban Ingole, Scientist, NIL.
10. Dr. N. Ramaih, Scientist, N.I.O.
11. Dr. A. Sarkar, Scientist, N.1.0.
12. Dr. S. Y. S. Singbal, Scientist, N.I.O.
13. Dr. C. G. Naik, Scientist, N.1.0.
14. Dr. T. V. Ravindran, Scientist, N.I.O.
15. Dr. N. B. Bhosle, Scientist, N.1.0.
16. Dr. A. B. Wagh, Scientist, N.1.0.
17. Dr. S. S. Sawant, Scientist, N.I.O.
18. Dr. Sujatha Kaisaiy, Scientist, N.1.0.
19. Dr. Analia Mesquita, Scientist,
20. Dr. N. H. Hashimi, Scientist, N.I.O.
21. Dr. M. V. Ramana, Scientist, N.I.O.
22. Dr, R. Nigam, Scientist, N.1.0.
23. Mr. S. U. Kamat, Dhempe College, Panaji.
24. Mr. J. A. Menezes, Dhempe College, Panaji.
25. Dr. A. Gouveia, Scientist, N.1.0.
26. Dr. Chandramohan, Scientist, N.1.0.
27. Dr. Ramesh Kumar, Scientist, N.1.0.
28. Dr. S. Rajendran, Scientist, N.1.0.

29. Dr. S. W. Naqvi, Scientist, N.I.O.
30. Dr. A. B. Valsankar, Scientist, N.I.O.
31. Dr. A. H. Parulekar, Scientist, N.I.O.
32. Dr. A. G. Untawale, Scientist, N.I.O.
33. Dr. V. P. Devassy, Scientist, N.I.O.
34. Dr. C. T. Achuthankutty, Scientist, N.I.O.
35. Dr. Usha Goswami, Scientist, N.I.O.
36. Dr. M. Mudhupratap, Scientist, N.I.O.
37. Dr. M.V.M. Wafar, Scientist, N.I.O.
38. Dr. Z. A. Ansari, Scientist, N.I.O.
39. Dr. A. Chatterji, Scientist,
- 40; Dr. M. Dileep Kumar, Scientist, N.I.O.
41. Dr. M. D. Gorge, Scientist, N.I.O.
42. Dr. V. K. Dhargalkar, Scientist, N.I.O.
43. Dr. Joseph P. Royan, Scientist, N.I.O.
44. Dr. Parveen Rattan, Scientist, N.I.O.

### 3. Visiting Teachers : Nil

### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students	
	M.Phil	Ph.D.
1. Dr. C. L. Rodrigues		1
2. Dr. G. N. Nayak		1

### 5. Research Project :

#### Dr. C. L. Rodrigues

- i) Taxonomic and Ecological Survey of Lakshadweep for Perumal Marine Park - Funded by Dept. of Environment, Goa. of India, New - Delhi for a period of three years. Amount: Rs. 3,41,000.00

#### Dr. G. N. Nayak

- I) Studies on Sediment flux of rivers, estuaries and adjoining coastal waters of Goa, West Coast of India - Funded by Department of Environment, Govt. of India, New Delhi (on going). Period: 1/ 2 years.

- ii) Mining Activity and its impact of water chemistry/ microbial ecology and environment Bicholim Taluka, Western Ghat Goa, Possible restoration measures - Funded by Dept. of Environment, Govt. of India. Period: 3 years, Amount: 7,96,400.00.

### Topics of Research for Dissertation :

#### Akhila K. Murthy

Studies on Growth and Caretene content of *Dunaliella Salina*. Supervised by Dr. Solimalzi Waiclulhah, Scientist, N.I.O.

#### Nazarine Fernandes

Chromosomal Studies in *Perna Viridis Linnaeus* (Mollusca: Bivalvia) during Mitosis and Meiosis. Supervised by: Dr. Usha Goswami, Scientist, N.I.O.

#### Mula T. Raikar

Hydrocarbon 'degradation by the Marine Pro-tists. Supervised by: Dr. S. Raghukumar, Scientist, N.I.O.

#### Reema Thampy

Oxygen consumption in *Tilapia*, *Oreochromis Mossambicus Peters* under different environmental condition. Supervised by Dr. Anil Chatterji, Scientist, N.I.O.

#### Shailesh Pednekar

Coastal undercurrent on indication of upwelling. Supervised by Dr. H. B. Menon, Lecturer, Goa University,

#### Ramachandran Kamat

The Behaviour of Silica in the Mandovi Estuary Supervised by Mr. S. Upadhyay, Lecturer, Goa University.

### 6. Visitors to the Department : Nil

### 7. Visits Abroad : Nil

### 8. Participation in Seminars, Conference and Workshops :

#### Dr. G. N. Nayak

- i) Presented a paper entitled "Beach stildies between Polem (Goa) and Honnavar (Karnataka) Coast, East Coast of India" at the International Conference of International Geological Correia-

tion Programme (IGCP) No. 27th held at NIO, Dona Paula, Goa during June 1991.

- ii) Attended meeting of Environmental assurance at Ramada Renaissance, Varca during Dec. 1991.
- iii) Attended Green Ray Foundation's First Conference "PRO NATURE 92" held at Nova Goa, Panaji during April, 1992.

### 9. Any other details :

**Dr: G. N. Nayak** acted as a Convenor for designing interdisciplinary course, syllabus for the paper - Mathematics, Statistics and Computer Programming which has been approved in Academic Council and is implemented from the Academic year 1992-93. He assisted the Coordinator in the centre for Environmental Studies.

## 3.2 DEPARTMENT OF MARINE BIOTECHNOLOGY

### 1. Teaching and Research Staff :

- |                            |                  |
|----------------------------|------------------|
| 1. Dr. U. M. X. Sangodkar  | Professor & Head |
| M.Sc., Ph.D.               |                  |
| 2. Dr. <b>P. M. Reddy</b>  | Reader           |
| M.Sc., Ph.D.               |                  |
| 3. Dr. Urmila Barros       | Lecturer         |
| M.Sc., Ph.D.               |                  |
| 4. Shri Sanjeev Ghadi      | Lecturer         |
| M.Sc.                      |                  |
| 5. Mrs. Savita Kerkar      | Lecturer         |
| M.Sc.                      |                  |
| 6. Dr. U. D. Muraleedharan | Lecturer         |
| M.Sc., <b>Ph.D.</b>        |                  |

### Research Staff :

- 1. Mr. Subhash Donde (JRF) UGC
- 2. Mr. L. H. Bhosle

### 2. Contributory Teachers :

- 1. Dr. A. Sarkar, Scientist, N.1.0.

- 2. Dr. S. Y. S. Singhal, Scientist, N.I.O.
- 3. Dr. C. G. Naik, Scientist, N.1.0.
- 4. Dr. S. N. De Souza, Scientist, N.1.0.
- 5. Dr. T. V. Ravendran, Scientist, N.I.O.
- 6. Dr. N. B. Bhosle, Scientist, N.I.O.
- 7. Dr. A. B. Wagh, Scientist, N.I.O.
- 8. Dr. S. S. Sawant, Scientist, N.1.0.
- 9. Dr. Sujata Kaisary, Scientist, N.I.O.

### 3. Visiting Teachers :

- i) **Dr. V. R. Muthukkaruppan**, Head, School of Biological Sciences, Madurai on "Immunology".
- ii) **Dr. T. N. Prabha**, Scientist, Autotropic Cell Culture, CFTRI, Mysore on "Biofertilizers".

### 4. Details of Research, Students :

Name of the Guiding Teacher	No. of students
	M. Phil / Ph.D.
Dr. U.M.X. Sangodkar	4

### 5. Research Project :

DBT, Ministry of Science and Technology Rs. 27 lakhs. "Application of Natural and Recombinant Microorganisms to Biosurfactant Production, Oil Spill Degradation and Pollution Control."

Research Topics for Dissertation: Construction of a recombination deficient mutant of *Alteromonas Haloplanktis*. (Manish Bharadwaj).

- ii) Studies on the Goan Salted and Dried Mackerals A Biotechnologically important Marine Resource (Mahavir Yadav).
- iii) Biodegradation of Nitrogen containing Hydrocarbons. (Joanita Coelho).
- iv) Microbial Degradation of Keratin (Hair) to yield Amino Acids/Proteins. (K. Murali Manoj)
- v) Designing the Optimum condition for Invitro Culture of Anther from Capsicum Species. (Snnita Nayak)
- vi) Studies in Developing a mixed culture of Marine Bacteria to degrade some of the oil Components (Naphthalene & Stearic Acid) (Nagaraj Sannabhadri)

## 6. Visitors to the Department :

- i) **Dr. PSBR James**  
Director, CMFRI, Cochin visited on 20.6.1991.
- ii) **Prof. H. Polasa**  
Head, Dept. of Microbiology, Osmania University, Hyderabad visited on 13.6.1991.
- iii) **Prof. V. B. Rate**  
Head, Dept. of Microbiology, University of Poona, visited on 13.7.1991.
- iv) **Dr. B. N. Desai** Director, MO, Goa  
visited on 29.7.1991.
- v) **Dr. S. N. Dwivedi** Secretary (DOD)  
visited on 29.7.1991.
- vi) **Dr. B. Sheik Ali**  
former Vice-Chancellor, Goa University visited  
on 1.8.1991.
- vii) **Dr. V. S. Chitre**  
Ex.Professor and Head, Dept. of Biochemistry,  
Goa Medical College, visited on 30.8.1991.
- viii) **Dr. T. N. Prabha**  
Scientist, Autotropic Cell Culture, CFTRI, Mysore,  
visited on 30.9.1991.
- ix) **Dr. Anil S. Dingo**  
Vice-Principal, Head, Dept. of Chemistry, PES  
College, Farmagudi visited on 15.10.1991.
- x) **Dr. A. F. Mascarenhas**  
Plant Tissue Culture Division, NCL Pune visited  
on 30.9.1991.
- xi) **Dr. Savindu Gupta**  
ONGC, SEM, Dehradun, U.P. visited the De-  
partment on 11.11.1991.
- xii) **Dr. Kashinath Jalmi**  
MLA, Ex.Health Minister of Goa visited the De-  
partment on 3.1.1992.
- xiii) **Dr. V. R. Muthukkaruppan**  
Madurai Kamaraj University, Madurai visited the  
Department on 24.1.1992.
- xiv) **Mr. V. G. Kashirsagar, Mr. A. T.  
Sathe, Dr. Devaki Bhaya**

**Mrs. B. J. Bhodhbade, Mrs. S.V. Koparkar,  
Department of Microbiology, Abasaheb  
Garware College, Pune** visited the Department  
on 31.1.1992.

Centre of Biotechnology, JNU, New Delhi visited  
the Department on 3.2.1992.

**xv) Dr. Arthur Grossman**  
Carnegie Institute of Washington, Stanford, CA  
94305 USA visited the Department on 3.2.1992.

**xvi) Dr. Neetin B. Kale**  
Lecturer, Department of Microbiology, Univer-  
sity of Poona, Pune visited the Department on  
26.2.1992.

**xvii) Dr. N. C. Subrahmanyam**  
School of Life Sciences, Central University of  
Hyderabad visited the Department on 7.3.1992.

**xviii) Dr. K. B. Roy**  
Centre for Biotechnology, JNU, New Delhi vis-  
ited the Department on 7.3.1992.

**xix) Dr. N. M. Ramaswamy**  
Centre for Plant Molecular Biology, TNAU,  
Coimbatore, visited the Department on 7.3.1992.

**xx) Dr. L. K. Sengupta**  
Department of Genetics, Barkatullah visited the  
Department on 11.3.1992.

**xxi) Dr. Manohar Joshi**  
Zoology Department, University of Pune, visited  
the Department on 18.4.1992.

**xxii) Brian Knights,**  
School of Biological Health Sciences, London  
visited the Department on 21.4.1992.

## 7. Visits Abroad : Nil

### B. Participation in Seminars, Conferences & Workshops :

i) **Dr. U. Barros** was selected for the DBT con-  
ducted short term training course on "Natural  
Autoantibodies in Health and Diseases" at  
Madurai from December 9th - 27th 1992.

ii) **Mr. Subhash Donde** presented a poster on



Optimisation Modal II to Semester IV MCA students.

**iii) Shri J. A. Menezes**

from Dhempe College of Arts & Science delivered 40 lectures on "Computer Oriented Statistical Methods" to Semester III MCA students.

**iv) Shri Satish Hegde** lecturer and **Dr. A. Shreekumar**, Reader from MMS Department, Goa University together delivered 40 lectures on "Introduction to Organisational Structure" to Semester III M.C.A. students.

**v) Shri Lalitkumar Shah**

a Chartered Accountant delivered 30 lectures on "Accounting and Financial Management" to Semester I MCA students.

**vi) Dr. V. R. Naik**

from Dempo College of Commerce delivered 40 lectures on "Managerial Economics" to Semester II MCA students.

**vii) Shri M. S. Dayanand**

Lecturer from MMS Department Goa University delivered 40 lectures on "Systems and Information concepts in Organisations" to Semester IV MCA students.

**viii) Dr. J. B. Nadda**

Reader from MMS Department Goa University delivered 40 lectures on "Introductory Behavioral Science" to Semester IV MCA students.

**ix) Shri A. U. Katre**

from Smt. Parvatibai Chowgule College delivered 35 lectures on "Data and File Structure" to Semester II MCA students.

**3. Visiting Teachers :**

**i) Shri H. Shreekumar**

from Datapro Electronics, Pune, delivered 40 lectures in "Data Communication, Network and distribution" to Semester V MCA students.

**ii) Shri N. Ramkrishna**

from National Centre for Software Technology, Bombay delivered 35 lectures on "Systems Analysis and Design" to Semester V MCA students.

**4.1 DEPARTMENT OF COMMERCE**

**1. Teaching and Research Staff :**

1. Prof. S. M. Bijli Professor & Head  
M.A. (Econ.), [M.Com.](#), LL.B.,  
D.N.D. (The Hague), Ph.D.,  
M.R.E.S. (London)
2. Mr. B. Ramesh Lecturer  
[M.Com.](#), M.Phil. In-charge, Dept. of  
Commerce  
from May 1, 1992.
3. Dr. P.N. Reddy Lecturer  
[M.Com.](#), Ph.D.
4. Mr. Nandkumar Mekoth Lecturer  
[M.Com.](#)

**2. Contributory Teachers :**

**i) Shri G. R. Kamath**

B.A., [B.Com.](#), CAIIB, MAM. Taught subject i) Marketing Management, ii) Theory of Banking & Finance, iii) Financial Markets & Indian Financial System, iv) International Banking, v) Management of Financial Institutions, vi) Commercial Bank Lending & Credit Management, vii) Development Banking, viii) Rural Banking & Finance.

**ii) Shri S. V. Sukthankar**

[M. Com.](#), MBA. Taught subjects i) Advanced Accounting, ii) Management Control Systems, iii) Operations Research.

**iii) Shri S. V. Raman**

C.A., Taught subjects i) Direct Tax Laws and ii) Tax Planning & Management.

**3. Visiting Teachers :**

**i) Mr. Naguesh T. Pai**, Manager, SIDBI, Panaji.

**ii) Shri V. S. Hede** Dy. General Manager,  
EDC, EDC House, Panaji

**iii) Principal V. R. Shirgurkar**

Smt. Parvatibai Chowgule Cultural Foundations  
College of Arts & Science, Margao.

**iv) Principal D. V. Borkar** Shri Damodar  
College of Commerce, Margao.

**v) Mr. Kamat** Tourism Development Corporation,  
Pan'aji, Goa.

**vi) Mr. Krishna Lawande** President, CMM  
Group of Companies, Panaji.

**vii) Mr. A. Almeida** Regional Manager, Bank  
of Baroda, Panaji.

**viii) Dr. Girish Jakhotiya** Reader,  
Bajaj Institute of Management, Bombay.

**ix) Dr. A. Sreekumar**  
Head, Department of Management Studies, Goa  
University.

#### 4. Details of Research Students :

Name of the Guiding Teacher	No. of students M.Phil. / Ph.D.
Prof. S. M. Bijli	3

Out of the 13 M.Phil students who were admitted during the year 1991-92, 5 students were declared pass at the M. Phil. Part I examination held during the year 1991-92.

#### 5. Research Project :

##### a) Mr. B. Ramesh

Lecturer has been working on a minor Research Project entitled 'Manpower Planning in Commercial Banks' sponsored by the University Grants Commission.

##### b) Dr. P. N. Reddy

Lecturer has been working on a minor Research Project entitled 'Problems of Small Scale Industrial Units in Goa sponsored by the University Grants Commission.

#### 6. Visitors to the Department : Nil

#### 7. Visits to Abroad : Nil

#### 8. Participation in Seminars/Conferences/

##### Workshops :

##### a) Mr. B. Ramesh

presented a paper on 'The Euphoria in Equity

**Dr. P. N. Reddy,**

Investment of Finance Companies in India - Recent Trends' at the All India Commerce Conference held at Bangalore University, Bangalore between 28th to 30th May, 1992.

##### b) Dr. P. N. Reddy,,

Lecturer presented a paper on 'Quality of worklife in Garments Industry in Goa' at the All India Commerce Conference held at Bangalore University, Bangalore between 28th to 30th May, 1992.

#### 9. Research Publications and other Articles :

Lecturer published a paper entitled 'Role of Village Industries in Goa: Problems and Prospects: - A Study - in Khadi Gramodyog, November, 1991.

#### 10. Any other Details : Nil.

### 4.2 DEPARTMENT OF MANAGEMENT STUDIES

#### 1. Teaching and Research Staff :

1. A. Sreekumar	Reader & Head
B.Sc. (Engg.), M.B.A., Fellow of I.I.M. (Ahmedabad) (Quantative Techniques, Production/Operations Management)	
2. J. B. Nadda	Reader
<u>M.Com.</u> , M.B.A., Ph.D. (Marketing Management, Organisational Behaviour)	
3. S. G. Hegde	Lecturer
<u>B.Com.</u> , M.B.A. (Marketing Management, Human Resource Management)	
4. Satish Kumar	Lecturer
M.B.A., Ph.D., F.D.P., (I.I.M. Ahemdabad) (Organisational Behaviour, Entrepreneurship Development and Investment Management)	
5. M. S. Dayanand	Lecturer
B.Corn., M.B.A. (Marketing Management, Strategic Management)	
6. S. J. Gracias	Lecturer
<u>B.Com.</u> , M.B.A. (Finance Management, International Trade)	(Temporary Post)



## 2. Contributory Teachers :

- i) **Mr. Mario Sequeira,**  
MMS, Raia Salcete, Goa delivered lectures in the subject of Business Environment and Management Concepts for MMS I Semester. No of session were 27+20=47.
- ii) **Mr. Venkatesh Kamat & Mr. V. V. Navelkar,**  
Computer Science Department, Goa University, delivered lectures in the subject of Introduction to Computers, Computer applications & Information Management No. of session were 25+25=50.
- iii) **Mr. S. V. Raman**  
[B.Com.](#), LL.B., F.C.A., Chartered Accountant, Margao, Goa delivered lectures in the subject of Tax Planning & Management and Cost Management Audit for MMS III semester. No of sessions were 25+18=43.
- iv) **Mr. A. S. Sangoram**  
[M.Com.](#), F.C.A., Chartered Accountant, delivered lectures in the subject of Indian Capital Market for MMS III Semester. No. of session were 28

## 3. Visiting Teachers :

- i) **Dr. Pradip N. Khandwalla**  
Director, II M, Ahmedabad visited the Department and delivered lectures on the topic of "Management of Excellence".
- ii) **Prof. Y. K. Bhushan**  
Director, Narsee Monjee Institute of Management Studies, Bombay, visited the Department and delivered lectures on the topic "Human Resource Management Challenges of the Future".
- iii) **Mr. Sushil Bahl**  
General Manager, Greaves Cotton and Co. Ltd., Bombay, visited the Department and delivered lectures on the topic "Marketing Challenges of the Future".
- iv) **Mr. Ajay Bhargava**  
Advisor (International Trade), Kinetic Honda Ltd., Pune visited the Department and delivered lectures on International Marketing Challenges of the future.

- v) **Dr. Santosh N. Kabadi**  
Professor, Faculty of Business Administration, University of New Brunswick, Canada visited the Department and delivered lectures on "Quantitative Techniques in Management".
- vi) **Mr. S. P. Kala**  
Registrar of Companies (Goa, Daman & Diu) Panaji visited the Department and delivered lectures on "Recent Developments/Changes in Capital Issues (Control) Act and Securities Contracts (Regulation) Act".
- vii) **Mr. G. R. Ka mat**  
Formerly of Central Bank of India, Bombay and Margao Urban Coop. Bank Ltd., Margao, visited the Department and delivered lectures on "Management Audit".
- viii) **Dr. B. Bhata**  
DGM, IFCI, Goa visited the Department and delivered lectures on "Project Financing by Term Lending Institution."
- ix) **Mr. E. P. Badri Narayanan**  
High Court Advocate, Panaji, visited the Department and delivered lectures on "Companies Act".
- x) **Mr. R. Amonkar**  
Cosmos Consultants, Panaji, visited the Department and delivered lectures on "Personal Development".
- xi) **Mr. Jerome Vaney**  
Consultant and Psychologist, Candolim, Goa visited the Department and delivered lectures on "Personal Development".
- xii) **Dr. V. M. Nair**  
Consultant, Mitsubishi Research Institute, Japan, visited the Department and delivered lectures on "International Project Management".
- xiii) **Mr. Krishna Lawande**  
Senior Vice-President, CM M Group of Companies, Panaji, visited the Department and delivered lectures on "Managerial Excellence".
- xiv) **Mr. Narcimva Damodar Naik, Telco Dealership,**

Arlem, Goa visited the Department and delivered lectures on "Sharing of Managerial Experiences".

**xv) Mr. Sashi Shekhar Prasad**

Chief Manager, Indian Telephone Industries, U.P., visited the Department and delivered lectures on "Motivation and Incentives in High Tech. Industries".

**xvi) Mr. Duncan P. Watkerison**

Vice-President (Indian Operations), Turbocam, Inc. U.S.A. visited the Department and delivered lectures on "Time Management".

**xvii) Mr. Jan Krieger**

Ciba Geigy, Switzerland visited the Department and delivered lectures on "Crisis Management".

**xviii) Mr. Sukumar**

Corporate Quality Officer, Hindustan Ciba Geigy Ltd., Bombay, delivered lectures on "Total Quality Management".

**xix) Mr. Anand Lobo**

Consultant, Cosmos Consultants, Panaji, visited the Department and delivered lectures on "Personal Development".

**xx) Mr. George Ninan**

Manager (Personal), MRF Ltd., Goa visited the Department and delivered lectures on "Facing an Interview".

**4. Details of Research Students :**

Name of the Guiding Teacher	No. of students
	M.Phil. / Ph.D.
1. Dr. J. B. Nadda	1
2. A. Sreekumar	1 2

**5. Research Project :**

- i) A Study of Managerial HRD Needs of Goa. Sponsored by Goa Management Association.
- ii) Involved in "A Study on Training Needs in the Tourism Sector". Sponsored by the Universtisy under the Unassigned Grants of UGC . This is an interdisciplinary project involving teachers of Management Studies, Sociology, Economics, History and Konkani Departments interested in

tourism related research work.

**6. Visitors to the Department :**

**i) Dr. Mohinder Kaura**

Professor, Administrative Staff College of India, Hyderabad visited the Department for conducting the viva-voce examinations for the MMS IVth Semester students.

**ii) Dr. Deshpande**

former Managing Director of EDC, Goa, **Mr. C. Y. Ramani**, Chartered Accountant, **Mr. M. D. Dhodapkar**, Manager, United Western Bank Ltd., **Mr. Vijay S. Parab**, Company Secretary and **Dr. Abhay M. Desal** of Serum Institute of India visited as evaluators of students presentations.

**7. Visits Abroad : Nil**

**8. Participation in Seminars, Conferences & Workshops :**

**i) Mr. M. S. Dayanand**

Lecturer, participated and presented a Case Study in the 3rd Workshop on Case Teaching and Case Writing, organised by the Association of Indian Management Schools at Bangalore from 11th May to 19th May, 1992.

**ii) Mr. M. S. Dayanand**

along with Dr. (Ms.) Silvia Noronha of Dept. of Economics and **Mr. Alito Siqueira** of Dept. of Sociology, presented a paper on the "Recruitment Pattern in the Hotels in Goa and Prospects of Education for Employment in the Hotel Sector", at the Workshop on Tourism Education organised by the Tourism Research Group of Goa University and Govt. College of Arts & Commerce, Quepem on 15th April, 1992.

**iii) Dr. Satishkumar**

Lecturer, participated in the International COncference on Youth Tourism organised by the World Tourism Organisation at New Delhi from 18th November 1991 to 21st November, 1991.

**iv) Dr. Satish Kumar** Lecturer, presented a case study in the Third

Annual Management Convention of Association of **Indian** Management Schools, held at Bombay on 22-24 Aug. 1991.

**v) A. Sreekumar**

Reader, presented a paper on "Cash Management for a Network of Bank Branches" at the 24th Annual Convention of Operational Research Society of India, held at Bangalore on 26-28 Dec. 1991.

**vi) A. Sreekumar**

Reader, alongwith Mr. Sarto Gracias, Lecturer, Department of Management Studies and Mr. Errol D'Souza, Department of Economics presented a paper on "Existing Recruitment and Training Pattern as well as Training Needs in the Non Hotel Sector of Tourism" at the Workshop on Tourism Education organised by the Tourism Research Group of Goa University and Govt. College of Arts & Commerce, Quepem on 15th April, 1992.

**vii) A. Sreekumar**

Reader, along with Mr. Alito Siqueira of Department of Sociology, presented a paper on "Prospects for Tourism Education and Training in Goa" at the workshop on Tourism Education organised by the Tourism Research Group of Goa University and Govt. College of Arts & Commerce, Quepem on 15th April, 1992.

**viii) Ms. Lata Gaur**

Second Year student of MMS (Master of Management Studies) attended the 18th National Management Convention organised by the All India Management Association at Delhi on 26th - 27th July, 1991.

**ix) A. Sreekumar**

Reader, attended the Seminar on "Environment and Development" organised by the Society for International Development, Goa Chapter at Panjim on 6th August, 1991.

**x) Mr. M. S. Dayanand**

Lecturer, participated in the programme on "Teaching and Research Development" conducted by the Jamnalal Bajaj Institute for Management Studies at Bombay from 10th-14th

June, 1991.

**9. Research Publications and other Articles :**

**Sreekumar A.,** "Control Limits and Target Levels for Cash Management in Bank Branches" in N. Ravichandran (ed); Micro-computers in Materials Management, Wiley Eastern Limited; New Delhi, 1991.

**10. Any Other Details :**

**i) Mr. S. G. Hegde**

Lecturer gave a talk on "Understanding Complaints and Complaining Behaviour" under the auspices of the Goa Management Association at Panjim, on 7th Dec., 1991.

**ii) A. Sreekumar**

Reader, gave talks on "Project Management and PERT/CPM" for Officers of Goa Housing Board on 24th Nov. 1991 and 15th Dec. 1991, under the auspices of the VVM Institute of Management Training and Research at Margao.

**iii) A. Sreekumar**

Reader and Mr. Alito Siqueira of Department of Sociology acted as facilitators in the Conference of Animators involved in Houseworkers' Movement at Pilar Seminary on 16th and 17th Jan. 1992.

**iv) A. Sreekumar**

,Reader and Dr. J. B. Nadda, Reader held a talk cum discussion on "Experience Based Learning" at Indian Rubber Institute, Goa Chapter on 9th March, 1992.

**v) Dr. J. B. Nadda**

Reader, acted as Resource person in the One Day Human Resource Development Programme organised by Cosmos Human Resources for Goa Handicrafts and Rural Small Scale Industries Development Corporation on Dec. 1, 1991.

**vi) A. Sreekumar**

Reader and Dr. J. B. Nadda, Reader handled 2 case study based sessions on Management

Problems in a University Department for the Orientation Programme for Lecturers at Academic Staff College, Goa University.

**vii) Dr. J. B. Nadda**

did a project for Indian Telephone Industries (Mankapur) during May 1992 in the area of Marketing.

**viii) A. Sreekumar, Dr. J. B. Nadda, Mr. S. G.**

**Hegde** and **Mr. M. S. Dayanand** acted as Counsellors for the Diploma Programme in Management offered by the **Indira** Gandhi National Open University at Margao.

**ix) Dr. Satish Kumar**

Lecturer was a member of the Executive Committee of the Goa Management Association during the period 1991-92.

- x) The Department of Management Studies organised a Two Day Seminar on "Management Challenges of the Future" on 28th and 29th Feb. 1992 at the Conference Hall of the Goa University. The students of the MMS (Master of Management Studies) course did the major part of the work in organising the programme.
- xi) The faculty members of the Department were involved in the activities of the Tourism Research Group, a group of teachers involved and interested in research and other work related to the tourism sector.
- xii) The students of second year of MMS (Master of Management Studies) made a presentation on "The Future of Stock Markets in India" under the auspices of the Study Circle of the University on 28th Sept. 1991.
- xiii) In the second half of the year, a series of academic presentations were made by the faculty members based on articles/books read by them.
- xiv) The students made a series of presentations titled Bis-Bews based on news items/articles on current events related to business/industry/management and the economy.
- xv) The students of the second year **of MMS** (Master

of Management Studies) along with Mr. M. S. Dayanand, Lecturer, went on an Industrial Tour to Bangalore to gain first hand knowledge of industries.

- xvi) 25 out of the 32 students of the MMS (Master of Management Studies) Part II, secured placement. Out of this, 12 students secured placement through the Department.

**xvii) Dr. Satishkumar**

Lecturer, was a Coordinator for the programme on "Management of Creativity and Innovation", organised by Goa Management Association at Panjim on 4th and 5th October, 1991.

## 5.1 CENTRE FOR LATIN AMERICAN STUDIES

### 1. Teaching and Research Staff :

- |   |  |
|---|--|
| 1. Dr. V. Shivkumar<br>M.A., M.Phil., Ph.D.       | Professor & Head                             |
| 2. Mr. Pushkar<br>M.A.,                           | Lecturer in History                          |
| 3. Smt. A. A. Kakodkar<br>B.Sc., M.A., M.Lib. Sc. | Documentation<br>Officer & Research<br>Staff |

### 2. Contributory Teachers :

**Dr. Pedro Jose Barbosa Monteiro**, Lecturer in Portuguese, upto 10th July, 1991.

### 3. Visiting Teachers : Nil

### 4. Details of Research Students : Nil

### 5. Research Project : Indian writers and writings in Indian Periodicals on Latin America.

### 6. Visitors to the Department :

- i) **Dr. R. Narayanan**  
Dean, School of International Studies, JNU, New Delhi.
- ii) **Dr. Anirudh Gupta**  
Professor, School of International Studies, JNU,

New Delhi.

iii) **Dr. Jose Leal Ferreira**

Professor of Portuguese, JNU, New Delhi.

**7. Visits Abroad :** Nil

**8. Participation in Seminars, Conferences & Workshop :**

i) **ICSSR** - Western Regional Workshop on Research Projects, Nov. 1991.

ii) **ICSSR** - (Western Region) and Dept. of Political Science, Goa University, Jan 1992 - Paper presented 'Durable women politicians of Goa'.

iii) **Goa Archives and Dept. of History,** Goa University, Feb. 1992 Paper presented - 'Goans in Kuwait'.

**9. Research Publications and other Articles :**

i) News, Comments & Articles (1965-1992) 27-87 p. in Argentina in India : A comprehensive bibliography & Bilateral Agreements, New Delhi, Embassy of Argentina, 1992.

ii) Bibliography of Indian writers & writings on

1. Argentina - (Mimeographed)
2. Brazil
3. Chile
4. Cuba

**10. Any other Details :**

Collection of source material on Latin America from Jayakar Library (Oct. 1991)

Research in Progress:

"Select bibliography of Latin American Source material in India".

**5.2 CENTRE FOR WOMEN STUDIES**

The Centre for Womens' Studies (CSW) was crippled for some time after the resignation of the Research Officer in September, 1991. The new Research Officer (R.O.) Shaila Desouza was appointed on 9th July, 1992.

On 3rd August, 1992, the U.G.C. appointed Review

Committee visited the Centre to look into the functioning of the unit, following which the Dean of Arts, Humanities and Social Sciences, Dr. A. H. Doctor was appointed as In-charge of the Centre for Womens' Studies.

The R.O., CWS visited the Research Centre for Women Studies S.N.D.T. (Juhu Campus) and the Womens Studies Centre at the Tata Institute of Social Sciences (from 2nd September - 10th September, 1992) to collect material and to discuss activities for the Centre in Goa University.

On 17th September, 1992, the Centre organized a lecture cum discussion on the 'Atrocities on Women' Mr. D. B. Kulkarni, founder of the Anti-Dowry Movement in Bombay spoke on the Maharashtra experience while two women Activists Ms. Prashanti Talpankar and Ms. Albertina Almeida from Bailancho Saad presented the Goan Scenario. The Vice-Chancellor, Goa University Dr. P. R. Dubhashi presided over the programme.

The CWS is currently in the process of compiling a Directory of Services available in Goa for Women, All Government, semi-Government and non-Government organisations have already been contacted for this purpose.

The C.W.S. in its attempts to link academics with field realities, is networking with non-Government organisations like Bailancho Saad and ACDIL (Academy. for Community Development and International Living).

The C.W.S. was recently visited by Stan de Melo, from the University of British Columbia and is in process of planning a joint participatory/action research project.

An ongoing activity of the Centre is the collection and Development of material on Women's Issues for late dissemination of knowledge through courses, seminar workshops etc.

In planning all the activities of the C.W.S. stress is given to an inter-disciplinary approach.

## CHAPTER III

### **AFFILIATED COLLEGES AND INSTITUTIONS RECOGNISED BY THE UNIVERSITY**

As stated earlier the Goa University began functioning w.e.f. June, 1985 when the Goa University Act, 1984 came into force in this state.

As on March 31st 1992, there were 29 affiliated colleges and 5 institutions recognised by the University. A list of these colleges and institutions as on that date appended as Annexure IX. A brief report on the activities of various institutions is given in this chapter.

A - Colleges other than Professional

B - Professional colleges

C - Recognised institutions.

#### **A-1. DHEMPE COLLEGE OF ARTS AND SCIENCE, PANAJI-GOA.**

The College was established in June, 1962 and was permanently affiliated to Goa University in the approved subjects leading to B.A. & B.Sc. degrees. The College is run by the Dempo Charities Trust. Shri. G. V. Nadkarni is the Principal of the College. Hostel facilities are also provided by the college separately for boys and girls.

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#### **Teaching and research staff :**

1. Shri G. V. Nadkarni, M.Sc.  
Principal

2. Shri J. A. Menezes, M.Sc,  
Lecturer & Vice-Principal

3. Shri S. U. Kamat, M.Sc.  
Lecturer

4. Shri G. V. Kulkarni, M.Sc.  
Lecturer

5. Shri S. K. Haldankar, M.Sc.  
Lecturer

6. Shri K. M. Pai Raikar, M.Sc.  
Lecturer

7. Dr. K. G. Kamat, M.Sc., Ph.D.  
Lecturer

8. Dr. R. A. S. Dhume, M.Sc., Ph.D.  
Lecturer

9. Shri V. S. Dinge, M.Sc.  
Lecturer

10. Dr. N. R. Naik, M.Sc.  
Lecturer

11. Shri R. L. Lawande, M.Sc.  
Demonstrator

12. Shri L. C. Marchon, M.Sc., B.Ed.  
Demonstrator

13. Dr. (Mrs.) V. L. Moye, M.Sc., Ph.D.  
Lecturer

14. Dr. (Mrs.) Lina G. Sardesai, M.Sc., Ph.D.  
Lecturer

15. Dr. Udai S. Naik, M.Sc., Ph.D.  
Lecturer

16. Shri V. R. Archarya, M.Sc.  
Lecturer

17. Shri A. F. Barbosa, M.Sc.  
Lecturer

Shri G. V. Kelkar, M.Sc.  
Lecturer

19. Miss Sharmila P. Kamat, M.Sc.  
Lecturer

20. Shri Sandeep S. **Burye, M.Sc., Dip. H.E.**  
Lecturer

21. Shri Murthy P. S. Ramu, M.Sc.  
Lecturer

22. Mrs. Swati R. Pawar, M.Sc.  
Lecturer

23. Shri S. M. Shetty, M.Sc.  
Lecturer & Head of Dept.

24. Shri G. K. Kelkar, M.Sc.  
Lecturer
25. Dr. (Mrs.) P. G. Kelkar, M.Sc., Ph.D.  
Lecturer
26. Shri G. I. Hukkeri, M.Sc.  
Lecturer
27. Shri K. G. Hiremath, M.Sc.  
Lecturer
28. Shri P. N. Pangu, M.Sc.  
Lecturer
29. Miss Mangela Prabhudesai, M.Sc.  
Lecturer
30. Dr. (Mrs.) Lucy Gomes, M.Sc., Ph.D.  
Lecturer
31. Miss S. S. Sakhardande, M.Sc.  
Lecturer
32. Shri S. J. Godse, M.Sc.  
Lecturer
33. Shri S. R. Ganihar, M.Sc.  
Lecturer
34. Miss Sucheta Halkar, M.Sc.  
Lecturer
35. Dr. Yashmin Modassir, M.Sc. Ph. D.  
Lecturer
36. Dr. P. V. Desai, M.Sc. Ph. D.  
Lecturer
37. Shri F. B. Antao, M.Sc.  
Lecturer & Head of Dept.
38. Shri A. M. Nadkarni, M.Sc.  
Lecturer
39. Shri R. P. Gurav, M.Sc.  
Lecturer
40. Shri A. G. Agshikar, M.Sc.  
Lecturer
41. Shri Orlando Fernandes, M.Sc.  
Lecturer
42. Shri A. V. Sakhardande, M.A.  
Lecturer
43. Shri P. K. Khaunte, M.A.  
Lecturer
44. Miss Ramola Antao, M.A.  
Lecturer
45. Miss Margaret Lopes, M.A.  
Lecturer
46. Shri Robin B. Pinto, M.A.  
Lecturer
47. Miss Maria Isabel Vaz, M.A.  
Lecturer
48. Shri S. S. Walimbe, M.A. (Ardh.), M.A. (Engl.)  
Lecturer
49. Shri M. C. Philip, M.A.  
Lecturer
50. M. W. G. Ferrao, M.A.  
Lecturer
51. Shri D. Nityanand, M.A.  
Lecturer
52. Dr. P. D. Xavier, M.A., B.Ed. Ph. D.  
Lecturer
53. Miss Sheila Arware, M.A.  
Lecturer
- 54., Dr. G. N. Mishra, M.A., Ph.D.  
Lecturer & Head of Dept.
55. Shri A. C. Afonso, M.A.  
Lecturer
56. Dr. Zinia S. Lobo Silva, M.A. Ph. D.  
Lecturer
57. Shri Edgar M. R. Cotta, M.A.  
Lecturer
58. Shri S. S. Nadkarni, M.A.  
Lecturer & Head of Dept.
59. Shri M. J. Kulkarni, M.A.  
Lecturer

60. Shri Ravindra Ghavi, M.A.  
Lecturer
61. Dr. C. S. Tiwari, M.A. Ph. D.  
Lecturer & Head of Dept.
62. Shri H. V. Upadhye, M.A.  
Lecturer
63. Miss S. S. Hodarkar, M.A.  
Lecturer
64. Miss Marian do Ceu Barreto, M.A., B.Ed.,  
7th year Lyceum Lecturer  
(lecture basis)
65. Shri C. D. Porob, M.A., Certificate in  
Physical Educ. Physical  
Education Director

#### Details of Research/Master students :

Name of the Guiding teacher	No. of students
Dr. G. N. Mishra	4 Ph.D.

**Library :** Text books - 18,860  
Reference books - 593  
Academic Journals - 24  
Periodicals - 14

**Research Projects :** Nil

#### N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension works, etc. :

PHILOSOPHICAL ASSOCIATION - The Philosophical Association of the College was inaugurated on 31st July off the current year by Dr. K. J. Mahale, Ex.Rector, Jawaharlal Nehru University and Ex-Vice Chancellor, Manipur University, Imphal.

Miss Archana Sardesai was felicitated by the Association for securing a first class at the T.Y.B.A. examination conducted by the Goa University in May, 1991.

The Association this year arranged paper reading and group discuss programmes in different classes for the students offering philosophy. Students and teachers actively participated in these programmes which proved to be very fruitful both socially and academically.

The College participated in the various Goa University The Anti-Malaria Drive programme was started with the volunteers being assigned the Pre-Health Education

Inter-Collegiate Tournaments. In the Table-Tennis Tournaments (men section) the College had to be content with the Second position. In the Basketball Tournament (men section) it secured second position. In the volleyball Tournament (women section) the college won the University Title for the second consecutive year. In the All Goa University Inter-Collegiate Athletic Meet Shri Vinod Kumar secured first place in Javelin Throw, in the University swimming competition.

Shri Balkrishna Dhiraj of T.Y.B.Sc. secured second position in Free Style for the 3rd consecutive year, first year being individual winner in this competition. In the Western India Boxing Championship (seniors pin weight category) held in Bombay from 5th to 9th January '92. Shri Viju Kumar of T.Y.B.A. secured 2nd position. Shri Desmond Torcato of F.Y.B.Sc. has been selected to represent Goa in the 42nd National Basketball Championship for men to be held at Trivandrum (Kerala) from 18th to 25th Jan '92. In the Goa University Inter-Collegiate Cricket Tournament (women section) the College secured 2nd position.

**N. S. S. :** The inauguration of the N.S.S. activities in the College for the academic year 1991-92 was held on the 9th August, 1991 at the hands of the Vice-Principal, Prof. J. A. Menezes.

On 15th August, 1991, as a part of the Independence Day celebrations, the N-.S.S. volunteers participated in the cleaning up of the College campus.

Survey, Adult & School Education. The Adult Education group organised Malaria Awareness Exhibitions in collaboration with the Malaria Research Centre in different parts of the State. The College volunteers have also done social work in the Out-Patients Department (O.P.D.) of Goa Medical College and in the Central Library.

The volunteers have helped in collecting donations for the Tuberculosis Association of Goa. In recognition of our efforts and contribution, the T.B. Association awarded a "Special Merit Certificate" to the N.S.S. Unit of the College.

The volunteers have taken up College beautification programme in which they cleaned up the College Campus. Under the kitchen garden project, the College garden was completely cleaned. Besides all these activities, our volunteers have helped out with various jobs -



big and small - both within and outside the College premises assisting College authorities, students bodies in their various programmes.

**N. C. C.: Infantry Report** -80 cadets were enrolled this year drawn from both Higher Secondary section as well as College section. The regular parades were started from 27/7/91. The Parades were held on Sundays.

The cadets were trained in the various military subjects like foot drill, map reading, judging distance, weapon training etc. The NCC training aims at developing leadership qualities, spirit of sportmanship etc. All cadets undertook a massive tree plantation drive at the Goa University new Taleigao Campus in August, 1991. Vice-Chancellor Dr. P. R. Dubhashi lauded the efforts of our cadets in three planting drive which was completed on 25/8/91.

Many of the cadets donated blood at Dhempe College. Cadets participated with enthusiasm in a hike to Tamdi Surla. Cycle expedition to Baga was held on 12/1/92. 25 cadets participated in ATC Camp held at Mapusa from 3 Nov. 91 to 14 Nov. 91. The cadets participated in ceremonial parades held at Campal on 25/11/91, 19/12/91 & 26/1/92.

**NCC Report (Navy) :** This year total 50 cadets were enrolled drawn from the college and Higher Secondary. They were trained in the fields of Parade training, weapon training, Boat pulling, Sailing Navigation, Seamanship and Semaphone.

Cadet Ajay V. Gaad of S.Y.B.A. attended Nau Sainik Camp at Vishakhapattan during 24-9-91 to 07-10-91. Our Cadets also undertook tree plantation drive at the Goa University Campus in the last week of August, 1991.

This year AT Camp was conducted at J. N. Stadium at Fatorda where 18 cadets participated. Blood donation camp was conducted in the premises of Dhempe College and a good numbers of cadets from our college donated their blood. NCC day function was arranged on 24-11-91 at Campal grounds where Dr. P. R. Dubhashi was the Chief Guest. The Senior Cadet Captain Kamaljit Singh of T.Y.B.Sc. helped the officer in carrying out the activities.

**NCC (Girls Wing) REPORT :** 60 Cadets from the College and Higher Secondary sections were enrolled for training during the year. Of these, 40 cadets were

The National Cadet Corps (N.C.C.) aims at developing

chosen for the Army Wing and 20 cadets for the Navy Wing.

qualified of character, courage, discipline, leadership and the ideals of selfless service among the youth to make them useful citizens in the service of the nation. In this regard, the cadets were trained in footdrill, signals and map reading, first aid and home nursing, weapon training and self-defence. They were also instructed in the use of instruments like the radio set, prismatic compass and the phone. Naval cadets were trained in ship modelling and boat pulling.

In addition, cadets were involved in social service activities like tree plantation, the literacy drive, blood donation and the anti-dowry drive.

This year, the NCC Army, Navy and Girls Wings of the college organised a massive tree plantation drive at the Goa University campus in August. A function was organised on August 25, 1991 to mark the completion of the programme. The Chief Guest on the occasion, the Vice-Chancellor, Dr. P. R. Dubhashi lauded the efforts of the cadets in this regard. On the occasion of Independence Day, the Principal, Shri G. V. Nadkarni unfurled the National Flag on the College premises. This was followed by an Anti-dowry oath taken by all the cadets.

A blood donation camp was organised at Dhempe College on Sept. 27, 1991. Five girl cadets donated blood on the occasion. On Sept 8, 1991 the cadets went for a day long hike to Tambdi Surla as part of the adventure activities of the NCC. A cycling expedition to Baga on Jan 12, 1992 was also organised. Senior Cadet Under Officer Aruna Pinto attended the Basic Leadership camp at New Delhi from Sept 12-23, 1991. Cadet Captain June Mendes participated in the para-sailing Demonstration Camp at INS Hansa, Vasco on Dec. 1, 1991. 20 cadets under the leadership of SCUO Aruna Pinto participated in the Annual Training Camp at Fatorda from Oct. 22-31, 1991. The cadets were awarded first prize in drill and Third prize in signals. The Annual riring Practice was organised at Taleigao Plateau on Jan. 19, 1992. Cadets from both Army and Navy Wings received training in the use of firearms.

A platoon of 30 cadets participated in Dec. 19 and Jan. 26 parades at Campal grounds, under the command of SCUO Aruna Pinto. The NCC day (Nov 24) was also observed with a marchpast and a cultural programme presented by the cadets on the occasion.

Six cadets were awarded the 'C' certificate this year. The 'B' and 'C' certificate examinations will be held in February, 1992.

The NCC activities for the year will come to an end with the Republic Day parade at the Campal ground, Panaji.

### Statistical details regarding the teaching programme and the students :

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of Degree in 1991-92

course (sexwise)

1. ARTS	B. A.	3 years	Boys	Girls	Total
		F.Y.B.A.	49	110	159
		S.Y.B.A.	45	111	156
		T.Y.B.A.	37	97	134
		Total	131	318	449
2. SCIENCE	B. Sc.	3 years	Boys	Girls	Total
		F.Y.B.Sc.	108	96	204
		S.Y.B.Sc.	53	76	129
		T.Y.B.Sc.	65	64	129
		Total	226	236	462

### Results of the College percentagewise :

T.Y.B.A. (April 1991) : 64.48%  
T.Y.B.A. (Oct. 1991) : 76.47  
T.Y.B.Sc. (April 1991) : 62.96%  
T.Y.B.Sc. (Oct. 1991) : 62.16%  
T.Y.B.A. (April 1992) : 54.10%  
T.Y.B.Sc. (April 1992) : 71.42%

### A-2. SMT. PARVATIBAI CHOWGULE CULTURAL FOUNDATION'S COLLEGE OF ARTS & SCIENCE, MARGAOGOA.

Established in June, 1962 the College caters to instruction in the approved subjects leading to B.A. and B.Sc. degree and Diploma in Computer Applications. The College is managed by the Chowgule Education Society and is the oldest college in Goa. It has its own building of Arts & Science wings and an independent building for the Department of Computer Science. Shri V. R. Shirgurkar who is also a lecturer in Economics is the Principal of the College. The College has a hostel for the boys only. It also has 10 quarters for teaching staff and 6 for the non-teaching staff.

### Teaching and Research staff :

1. Shri **R.** R. Ghantwal, M.Sc.
2. Shri V. Narayan, M.Sc.
3. Shri S. M. Sadique, M.Sc.
4. Shri N. V. Kamat, M.Sc.
5. Shri S. N. Pai Raiturkar, M.Sc.
6. Shri B. N. Hosurkar, M.Sc.
7. Shri K. B. Pillai, B.Sc.
8. Shri V. **D.** Date, B.Sc.
9. Shri E. M. Raykar, M.Sc.
10. Shri. S. K. Naik, M.Sc.
11. Shri B. V. Shirwaikar, M.Sc.
12. Shri R. S. Padiyar, M.Sc.
13. Shri S. J. Borkar, M.Sc.
14. Shri S. G. Deshpande, M.Sc.
15. Shri S. P. S. Kakodkar, M.Sc.
16. Dr. P. K. Onkar, M.Sc., Ph.D.
17. Shri Narendrakumar G. Rivonkar, M.Sc.
18. Shri V. R. Nagwekar, M.Sc.
19. Shri K. Shreedharan, M.Sc.
20. Shri V. S. Amonkar, M.Sc.
21. Shri Anand P. Masur, M.Sc.
22. Smita Shetye
23. Shri S. M. Borges, M.Sc.
24. Shri M. S. Katti, M.Sc.
25. Shri H. S. S. Nadkarni, M.Sc.
26. Shri U. S. Nagarcenkar, M.Sc.
27. Shri P. Narayanan, M.Sc.
28. Shri N. B. Shirwaikar, M.Sc.
29. Dr. R. V. Gaonkar, M.Sc., **Ph.D.**
30. Jaymini V. Gauns Dessai, M.Sc.

31. Dr. M. R. Rane, M.Sc., Ph.D.
32. Shri M. P. Tonsekar, M.Sc.
33. Shri M.S. Anthony, M.Sc.
34. Shri P. N. Kavri, M.Sc.
35. Shri D. K. Tikare, M.Sc.
36. Shri K. N. Mishra, M.Sc.
37. Shri S. R. Ingle, M.Sc.
38. Dr. S. M. Ambli, M.Sc., Ph.D.
39. Shri Nandkumar N. Sawant, M.Sc.
40. Shri U. S. Katre, M.Stat., M.Tech.
41. Aparna U. Katre, M.Stat.
42. Chaitanya Voolapalli, B.Tech.
43. S..S. Kulkarni, M.Sc.
44. Shri C. S. Nagarcenkar, M.A.
45. Shri M. D. Chagas Silva, M.A.
46. Shri P. Ferdinand, M.A.
47. Shri J. R. Peres, M.A.
48. Shri G. M. Kale, M.A.
49. Shri R. Y. Mishra, M.A., Ph.D.
50. Shri G. M. A. Shaikh, M.A.
51. Shri Shrikrishna S. Adsul, M.A., M.Phil.
52. Mitra D. S. Borkar, M.A.
53. Shri V. R. Shirgurkar, M.A.
54. Shri S. P. Verenkar, M.A.
55. Shri E. M. Travassos, M.A.
56. Shri Debasish Mazumdar, M.A.
57. Shri P. Anthony, M.A.
58. Santa Mayenkar, M.A.
59. Shri S. S. Naik, M.A.
60. Shri R. V. Patil, M.A.
61. Dr. Rajendrakumar V. Joshi, M.A., Ph.D.

62. Dr. S. S. Phadke, M.A., Ph.D.
63. Dr. (Miss) J. Siqueira, M.A., Ph.D.
64. Shri Devashish Bagchi, M.Ped., M.Phil.

**Details of Research students/Master students : Nil**

During the year 1991-92 two Seminars were organised in the College. The first was on the new evaluation policy in which many teachers and students participated. Dr. P. R. Dubhashi, Vice-Chancellor of Goa University presided over the seminar.

The second seminar was organised on 13th April, 1992 on New Economic Policy. Dr. P. R. Dubhashi delivered his inaugural address and Dr. Shahi, Head of the Dept. of Economics, Goa University presided. Dr. A. R. Padoshi, Principal V. R. Shirgurkar, Shri Mazumdar, Shri S. P. Vernekar, Shri E. M. Travasso read their papers.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**N.C.C.:** The NCC cadets participated in large number in various NCC activities organised at the state and National level. Cadet Ramesh Shirodkar attended NAV SAINIK camp at Vishakhapatnam. He was the only cadet selected from Goa. Our cadets Ramanand Ghantwal, Navinchandra Kharangate and Venkatesh Varde attended Pre Republic day camp. Lt. **B. N.** Hosurkar, Cdt. Cpt. Vivek Sawant and Cdt. Milind Prabhu attended Ship attachment camp on Board INS Khukri. Lt. M. S. Deshpande of the Infantry Wing attended a refresher course at KAMPTEE, Nagpur in December, 1991. Company Under Officer Amol Deshpande attended Basis leadership Camp at Delhi and begged a silver medal. Company Senior Under Officer Jesus Furtado attended Pre R. D. Camp at Bangalore.

**N.S.S. :** Our N SS volunteers engaged themselves in the activities involving creative and constructive work. The academic year started with programme 'VRIKSHA DINDI' in July '91 with Shri Francisco Sardinha, Hon'ble Minister for Agriculture, flagging off the programme. About 400 students including NCC cadets took part in the programme. NSS students launched one more programme of assisting Primary School children in their work. Childrens from vicinity of the college met every evening in the college campus and NSS volunteers taught them. In January, 1992, NSS and NCC **volunteers** participated in massive door to door raddi collec-

tion drive organised by Lions Club of Margao. The funds so collected are to be used for setting up an institution for the handicapped.

The College celebrated National Integration day on 19/11/91 by organising 'Run for Unity'. 400 students participated in this programme, and the programme was inaugurated by the Chief Minister Shri Ravi Naik.

#### Cultural Activities :

In the cultural field the college has been doing excellent by organising 'Spic Macay activities for the last 4 years. This year LECDEM programmes were given by Shri C. R. Vyas, Swapna Sundari, a noted dancer, Smt. D. K. Pattamal, a renowned vocalist and Shri Lalgude Jairaman, a well known violin player. Increasing number of students of the college are being involved in this cultural activity of national importance.

The Directorate of Education had organised Essay and Elocution competition in the memory of late Shri T. B. Cunha. Our college students won a large number of prizes in these competitions. Under the UGC COHSSIP programme students of the Department of Economics completed a study tour of certain industries in and around Pune. Shri E. M. Travasso and Shri D. Muzumdar guided the students.

Shri S. M. Ambli of the Department of Geography was awarded a Ph.D. degree from Karnataka University. Shri U.A. Katre of the Department of Computer Science attended a refresher course at Calcutta for a month. Dr. P. K. Onkar from Chemistry Department participated in Orientation Course in Chemical Instrumentation conducted by the Centre for Professional Development in Higher Education, Delhi University. Principal Shirgurkar attended a National level workshop for college Principals for 3 weeks in Delhi in September 1991 at the National Institute of Educational Planning and Administration. He delivered lectures at the Academic staff college, Goa University.

#### Statistical details regarding teaching programme and students :

**Publications :** Nil

Sr. No.	Branch	Degree to be awarded	Duration of Degree course	No. of students in 1991-92		
				Boys	Girls	Total
1.	Arts	B. A.	3 years	43	102	145
2.	Science	B.Sc.	3 years	59	67	126

3. Computer P.G.D.C.A. Applications 14 7 21

#### Results of the college percentage-wise :

	Oct./Nov. '91	Mar./April '92
T.Y.B.A.	52.9%	65.9%
T.Y.B.Sc.	25%	60.7%

#### Information about campus development, construction of new buildings, etc. :

New building for Computer Science Department was inaugurated at the hands of Chief Minister Shri Ravi iklaiik. Foundation stone for new library building was laid at the hands of His Excellency Shri Bhanu Prakash Singh, Governor of Goa.

#### A-3. ST. XAVIER'S COLLEGE, MAPUSA-GOIA.

This is a Diocesan College which was established in June, 1963 by the Archdiocese of Goa and Daman. It caters to instruction in the approved subjects leading to B.A. and B.Sc. degree. Fr. Antimo Gomes is the Principal of the College. There is a hostel for boys run by the College and Girls' hostel is at Khorlim, Mapusa, run by Nuns.

#### Teaching and research staff :

1. Fr. Antimo Gomes, M.A.  
Principal
2. Mr. F. M. Usgaonkar, M.Sc.  
Lecturer
3. Mr. G. R. Dukle, M.Sc.  
Lecturer
4. Mr. A. B. Timble, M.Sc.  
Lecturer
5. Mr. D. R. Natekar, M.Sc.  
Lecturer
6. Mr. A. B. Coelho, M.Sc.  
Lecturer
7. Mr. C. R. Bhonsle, M.Sc.  
Lecturer

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|---|--|
| 8. Mr. Peter Morris, M.Sc.<br>Lecturer              | 26. Mr. F. David, M.A.<br>Lecturer                                     |
| 9. Mrs. Flavia Barbosa, M.Sc.<br>Lecturer           | 27. Mr. James Fernandes, M.A.<br>Lecturer                              |
| 10. Mr. B. S. Keshavan, M.Sc.<br>Lecturer           | 28. Dr. A. P. Tripathi, M.A., Ph.D.<br>Lecturer                        |
| 11. Mr. S. C. Tavakari, M.Sc.<br>Lecturer           | 29. Mr. Y. N. Mense, M.A.<br>Lecturer                                  |
| 12. Ms. Marie E. Rodrigues, M.Sc.<br>Lecturer       | 30. Mr. T. Mendonca, M.A.<br>Lecturer                                  |
| 13. Mrs. Marina Monteiro, M.Sc.<br>Lecturer         | 31. Mr. D. Rajashekar, <a href="#">M.Com.</a><br>Lecturer              |
| 14. Ms. Sheila V. Velho, M.Sc.<br>Lecturer          | 32. Mr. Rajendra Kanekar, M.Sc.<br>Lecturer                            |
| 15. Mr. Nelson D'Souza, M.Sc.<br>Lecturer           | j3, Ms. Anuradha Navelkar, M.A.<br>Lecturer                            |
| 16. .Mr. S. Ramaswamy, M.Sc.<br>Lecturer            | 34. Ms. Ursula Pinto, M.Sc.<br>Lecturer                                |
| 17. Mr. B. A. D'Souza, M.Sc.<br>Lecturer            | 35. Ms. Emilia Mascarenhas, M.Sc.<br>Lecturer                          |
| 18. Mr. A. S. Mudbidri, M.Sc.<br>Lecturer           | 36. Mr. P. M. V. Tharakan, B.A., B.P.E.<br>Physical Education Director |
| 19. Mr. M. Savarimuthu, M.Sc.<br>Lecturer           | 37. Mr. Tushar Anvekar, M.Sc.<br>Lecturer                              |
| 20. Mr. G. G. Bakhale, M.A.<br>Lecturer             | 38. Mrs. Pamela Mendonsa, M.A.<br>Lecturer                             |
| 21. Mr. Vasco Pinho, M.A.<br>Lecturer               | 39. Mr. Satish Bute, M.A.<br>Lecturer                                  |
| 22. Mr. Daniel D'Souza, M.A.<br>Lecturer            | 40. Mrs. Aruna Ganu, M.A.<br>Lecturer                                  |
| 23. Mrs. Ruth D'Souza, M.A.<br>Lecturer             | 41. Fr. Walter de Sa, M.A.<br>Lecturer                                 |
| 24. Dr. (Mrs.) Sudha Chari, M.A., Ph.D.<br>Lecturer |  |
| 25. Mr. Newman Fernandes, M.A. Lecturer             |  |

**Details of Research/Master students :** Nil  
**Library :** Books - 29,602; Journals - 45.

**Information about the Research Projects etc. :**

1. Two teachers obtained the M.Phil. degree;
2. Three days Faculty Improvement Programme on 'Role of Teachers - Some perspectives for 21st Century' was organised.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension works, etc. :**

**N.C.C. :** Besides taking part in parades on important occasions like Independence Day, Goa Liberation Day and Republic Day, the students organised various programmes like Blood donation camp, Tree plantation, Literacy Drive, etc. CPL Sahed Baig was selected for the Pre-pre-pre RD Camp at Belgaum. Miss Seema Basak attended the Pre-RD Camp at Bijapur.

**Sports :** It has a very special place at St. Xavier's College. During this academic year, the College won many prizes at the Inter Collegiate level.

- Cross Country race (Men & Women) runners up.
- Power Lifting (Men) runners up.
- Football (Women) runners up.
- Volleyball (Men) runners up.
- Hockey (Women) Champions.
- Athletics (Women) Champions.

**N.S.S.:** It has a well-chalked out programme every year. Besides taking part in social and Cultural activities like hospital visits, visits to Home for the Aged, Literacy Drive, Mapusa Market Cleaning. Special features of this year was i) Beach cleaning of Calangute and Baga by NSS students under the National Environment Week and ii) The Anti Dowry Morcha in Mapusa Town; iii) introduction of adult literacy programme in which students took up the task of EACH ONE TEACH ONE'. The annual camp was held at Arambol in which students undertook various projects for the welfare of the residents.

**Cultural Associations :** The different cultural Associations organised functions for which eminent persons were invited to give talks. PLUS POINT-3 days programme organised by the student community to promote cultural and co-curricular activities. Our students also won prizes in various elocutions Quiz, Mando Festival, singing competitions organised during this year by various agencies.

**Results of the College percentage-wise :**

**Statistical details regarding the teaching programme and students :**

Sr. Branch Degree to Duration		No. of students No. of Study be awarded of Degree in 1991-92 course			
			1st yr.	2nd yr.	3rd yr.
1. Arts	B. A.	3 years	62	53	51
		Boys	122	102	83
		Girls	184	155	134
		Total			
2. Science	B.Sc.	3 years	45	41	35
		Boys	44	36	48
		Girls	89	77	83
		Total			

Examination	No. of students appeared		No. of students passed	
	Boys	Girls	Boys	Girls
April '92				
T.Y.B.Sc.	42	49	22	39
T.Y.B.A.	59	90	28	52
Oct. '92				
T.Y.B.Sc.	12	5	6	4
T.Y.B.A.	13	31	3	9
April '91				
T.Y.B.Sc.	47	38	33	32
T.Y.B.A.	53	118	27	78

**Publications :**

Annual College Magazine was published for which students and faculty members contributed their articles on the theme "Youth and Education". Also a bulletin "IMPACT" for private circulation with Articles from students was brought out Edited by the "English Literary Association."

**Information about campus development, etc. :**

1. New connecting roads are built for smooth movement of vehicles and for access to different buildings.
2. With the grant from University Grants Commission we have installed 2 computers for creating computer Awareness amongst the students and for the use of the college.

**A-4. DEMPO CHARITIES TRUST' SRINIVASSA  
SINAI DEMPO COLLEGE OF COMMERCE &  
ECONOMICS, ALTINHO, PANAJI-GOA.**

This College, established in June 1966 is run by the Dempo Charities Trust imports instructions in the approved subjects leading to [B.Com.](#) degree. Shri D. S. Bhende is the Principal of the College who is also a lecturer in English. The college, however, does not provide any hostel facilities.

**Teaching and Research Staff :**

1. Mr. D. S. Bhende, M.A.  
Principal
2. Dr. V. R. Naik, M.A., Ph.D.  
Vice-Principal (Reader)
3. Mr. S. L. Sardesai, M.A.  
Lecturer
4. Mr. A. P. Kamat, M.A.  
Lecturer
5. Mr. A. M. Rangnekar, M.Sc.  
Lecturer
6. Mr. S. J. Pai, [M.Com.](#)  
Lecturer
7. Mr. A. R. Sakhardande, [M.Com.](#), LL.B.  
Lecturer
8. Mr. V. H. Borkar, M.Sc.  
Lecturer
9. Mr. D. B. Naik, M.A.  
Lecturer
10. Mr. N. N. Naik, [B.Com.](#), F.C.A.  
Lecturer
11. Mr. C. Y. Ramani, [B.Com.](#)  
Lecturer
12. Mr. S. R. Dhume, [B.Com.](#), F.C.A.  
Lecturer
13. Mr. V. A. Naik, [B.Com.](#), F.C.A., LL.B.  
Lecturer
14. Mr. A. K. Moye, [M.Com.](#), LL.B.

Lecturer

15. Shri G. I. Jamadar, M.A., B.P.Ed.  
Director of Physical Education
16. Mrs. C. Bodade, M.A., BEd., M.Phil.  
Lecturer
17. Mrs. V. R. Parakhi, M.Sc.  
Lecturer
18. Mr. A. S. Sangorem, [M.Com.](#), F.C.A.  
Lecturer

**Details of Research/Master students : Nil**

**Library :**

Textbooks - 4985; Gen. including reference 11857;  
Periodicals - 12; Academic Journals - 38.

**Information about Research Projects : Nil**  
**N.C.C., Sports, Debates, Cultural activities, N.S.S.,  
Educational and extension works, etc. :**

The N.C.C. of S. S. Dempo College had a very successful, adventurous and a productive year. The NCC Cadets did very well in the Annual Training Camp held at Duler, Mapusa. They stood 5th in overall performance and did well by standing 4th in the firing.

The cadets were also adventurous as they were 51 kms. for a Trek to Tamdi Surla and went 63 km. cycling to Vagator via Calangute, Baga, Anjuna, Vagator & Back.

Out of two NCC Cadets CSUO Nilesh Borde and CQM Rajesh Desai passed the "B" certificate examination. Only 12 cadets were successful out of 68. Our cadet Senior under Officer Ramnath G. Pai passed the 'C' certificate in which only 7 passed out of 43 cadets.

CSUO Nilesh Borde led the platoon on the ceremonial parades on NCC day & GOA LIBERATION DAY.

Sports : Following is the detailed break-up of the games  
1. Basket-ball (Women) team Runner's up. 2. Hockey (Men) Runner's up team. 3. Our performance at the Inter-Collegiate power lifting and best physique competition was satisfactory.

Weight groups

1. Sachin Borkar (gold medal) upto 90 K.G.
2. Apte Vinod (silver medal) upto 75 Kg.

3. Naik Sunil (bronze medal) upto 52 Kg.
4. Oli Vijay Kumal (bronze medal) upto 67.5 Kg.

Gangaram Kubal secured II place in Best Physique in power lifting category. In swimming (Men) section Mr. Verner Velho secured 1st place in 100 Meters back stroke and Mr. Gracias Greson Anthony secured III place in 100 mts. butterfly. Mr. Simon D'Souza represented Goa Senior National in table-tennis (Men) section for the year 1991-92.

The following players participated in Gulam Ahmed Trophy cricket tournament for the year 1991-92. Vinay Palekar, Manoj Kharde, Jayesh Salgaonkar.

The following players represented Goa University in various games for the year 1991-92. 1. Michael Gomes (Football); 2. Rodrigues Arun (Basketball); 3. Manoj Kharde (Cricket); 4. Sandeep Naik (Cricket); 5. Vinay Palekar (Cricket).

Mr. Milind Bodker represented 40th Senior national Volleyball championship 1992 at Calicut (Kerala).

**Cultural Activities :** The cultural activities of the college began soon after the Students' elections were over. Overall performance in extra curricular activities is as under.

1. Rahul Coutinho, a student of S.Y.B.Com. secured the Third place at the Taluka level Elocution competition held by the State Institute of Education to celebrate National Science Day.
2. Dance troupe secured III place at the State level dance competition.
3. One student, Miss Nisha Nambiar of F.Y.B.Com. won a prize of Rs. 1,000/- at the essay competition held by the Directorate of Education to commemorate the Birth centenary of Dr. Tristao Braganza Cunha.
4. Sanjit Rodriguese and Arun Rodriguese of T.Y.B.Com. secured the 1st and 2nd place respectively at the Universities talk on AIDS programme held at Goa University. Sanjeet Rodriguese was also selected organised by WHO and the Department of Youth Affairs at Baroda.
5. It was a matter of great pride for the institution that many of the students were chosen to represent Goa University at the Inter University Youth Festival in Nagpur.
  - a) In the One Act Play section our students were adjudged first.
  - b) Mr. Ajay Kudnekar won the first place for Clay Modelling. Miss Nisha Nambiar was selected in the Quiz Section.

6. The students also participated in large numbers and won prizes in competitions and festivals arranged by various colleges such as Dhempe College of Arts & Science, Govt. College, Marcel and Damodar College, Margao. Besides these activities the college arranged the Annual Social Gathering in December, 1991. The Registrar of Goa University, Shri G. V. Kamat was the Chief Guest and he gave away prizes to our students.

The College also arranged a students dance and musical evening. The Inter-Collegiate Dr. Y. V. Lawande and Shri V. S. Bharne memorial elocution was arranged in January, 1992. Under the auspices of Spik Macay, Ms. Swapnasundari gave a demonstration-cum-talk on Bharatnatyam in the College. The function was well attended by our students.

**N.S.S.:** The NSS activities of our college started with tree plantation at various places in the city and villages around as a part of social forestry. Volunteers also undertook cleaning of public places like Temples, Churches, foot-paths, etc. The volunteers also donated blood to needy patients in Goa Medical College when the occasion arose.

Under the Health awareness programme, the volunteers under the joint auspices of our NSS Unit and Malaria Research Centre, organised Malaria awareness exhibition in various institutions in the city.

As a part of National Youth week celebrations Dr. Ashwini Kumar at the inaugural function on 13.2.92 spoke on the importance of control of Malaria by controlling the breeding of mosquitoes. On 17.1.92, Dr. A. R. Padoshi of Goa University spoke on the life and work of Swami Vivekanand. The National Youthweek valedictory function at Swami Vivekanand Hall, Panaji, on 19-1-92 was largely attended by our students.

Shri Sanjeet Rodriguese of T.Y.B.Com. represented Goa at AIDS training programme in Tata Institute of Social Sciences and he was awarded Goa State First Prize of the 1991 at Material Development Competition on AIDS awareness.

Shri Sanjeet Rodriguese and Mr. Prashant Raithatta both T.Y.B.Com. students were jointly chosen as the Best NSS boy volunteer and Kum. Rajita Raghavan of T.Y.B.Com. was chosen as the Best NSS Girl volunteer for the academic year 1991-92.



**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of Degree in 1991-92  
course

1. Commerce <a href="#">B.Com.</a>	3 years	1st 2nd 3rd		
		Boys	198	138
	Girls	153	110	117
	Total	351	248	217

**Results of the College percentage-wise :**

March/April '91

Courses Total	No. of students appeared		No. of students passed	
	Boys	Girls	Boys	Girls
T.Y. 244	130	119	1st 1	2
<a href="#">B . C o m .</a>	2	n d .	3 2	3 0
			P / C 3 5	2 3
			Total 6 8	5 3

October, 1991

T.Y. 260	No. of students appeared		No. of students passed	
	Boys	Girls	Boys	Girls
<a href="#">B . C o m .</a>	149	111	1st 4	2 8
	2	n d	P / C 5 2	2 8
			Total 5 6	2 8

**A-5. CARMEL COLLEGE OF ARTS & SCIENCE FOR WOMEN, NUVEM-GOA.**

The College was established in the year 1964 to impart instruction in the approved subjects leading to B.A., B.Sc. & [B.Com.](#) degrees. Run by the Apostolic Carmel College Education Society, the institution is exclusively meant for women. Sr. M. Rosanne A.C. is the principal of the college. No hostel facilities are provided by the Institution.

**Teaching and Research Staff :**

1. Sr. Rosanne A. C., M.A. B.Ed.  
Principal
2. Dr. (Miss) Meenakshi Mallya, M.Sc. Ph.D.  
Head Dept. of Biology
3. Sr. M. Odile A. C., M.Sc.  
Sr. Lecturer

4. Mrs. Nora Govil, M.A.  
Sr. Lecturer
5. Mrs. Lucretia Pereira, M.Sc.  
Sr. Lecturer
6. Sr. Margaret Angela D'Souza A.C., M.Sc.  
Vice-Principal
7. Mrs. Dina D'Silva, M.A., **D.H.E.**  
Sr. Lecturer
8. Sr. Florence Mary A.C., M.Sc.  
Sr. Lecturer
9. Mr. K. J. Augusthy, M.A., D.H.E.  
Sr. Lecturer
10. Mrs. Marykutty Augusthy, M.Sc.  
Sr. Lecturer
11. Mrs. Shobha Verenkar, M.A.  
• Lecturer
12. Mr. M. C. Mathai, [M.Com.](#)  
Lecturer
13. Sr. Emma Maria A. C., M.A.  
Lecturer
14. Mrs. Molly Joseph, M.Sc.  
Lecturer
15. Mrs. **M.** L. Valladares, M.A.  
Lecturer
16. Mr. Rajendra, M.Sc.  
Lecturer
17. Miss Subhadra D. Gadi, M.Sc.  
Lecturer
18. Mrs. Mini N., M.Sc.  
Lecturer
19. Miss Nirmala Joseph, M.Sc.  
Lecturer
20. Dr. (Miss) Sulabha Phatak, M.Sc., Ph.D.  
Lecturer
21. Mrs. ALbertina Menezes, M.Sc.  
Lecturer

22. Mrs. Lolita D'Souza, M.A., D.H.E.  
Lecturer
23. Mrs. Radhika Nayak, M.A.  
Lecturer
24. Mr. Manoj Borkar, M.Sc.  
Lecturer
25. Mr. Efrem D'Sa, M.Sc,  
Lecturer
26. Mrs. T. Gladys Mony, M.Sc., B.Ed.  
Lecturer
27. Miss Nizia Barbosa, M.A.  
Lecturer
28. Miss Cheryl Varela, M.Sc.  
Lecturer
29. Miss Christabel Faria, M.A  
Lecturer
30. Mr. D.V.R. Valaulikar, B.Sc., LL.B., C.A.  
Lecturer
31. Miss Leila Mascarenhas, M.A.  
Lecturer
32. Miss Juliana D'Souza, [M.Com.](#)  
Lecturer
33. Mrs. Akalpita Desai, M.A.  
Lecturer
34. Miss Louse Ann Fernandes, M.A.  
Lecturer
35. Miss Nina Caldeira, M.A.  
Lecturer
36. Miss Nirmala De Abreu, M.A.  
Lecturer
37. Miss Maria L. Fernandes, M.A.  
Lecturer
38. Dr. S. S. Hiremath, M.A., Ph.D.  
Lecturer
39. Mr. P. P. Singh, M.A., LL.B., LL.M.  
Lecturer

40. Mr. Olavo Menezes Gama, [M.Com.](#), B.P.Ed.  
Physical Director

**Details of Research/Master students : Nil**

**Library :** Books .14249; Journals .40.

**Information about Research Projects :**

- 1 A orientation course on faith formation was organised and was attended by Sr. M. Rosanne A.C., Sr. Florence Mary, Mr. Rajendra, Mrs. Nora Govil, Mrs. Dina D'Silva, Mr. K.J. Augustine, Mrs. Maria L. Ferrao Valadares, Sr. Emma Maria A.C., Miss Mini N., Mrs. Nirmala Joseph, Mrs. T. Gladys Thankalatha, Mrs. Lolita D'Souza, Mrs. Radhika Nayak, Miss Cheryl Varela, Ms. Christabel Faria, Miss Nirmala De Abreu, Miss Louise Ann Fernandes, Miss Leila Mascarenhas, Miss Nina Caldiera, Mrs. Akalpita Desai, Miss Juliana D'souza.
2. A one day workshop on faith formation was organised by Carmel College and was attended by Sr. Margaret Angela A.C., Mrs. Lucretia Pereira, Mrs. Marykutty Augustine, Mrs. Molly Joseph, Mrs. Shobha Verenkar, Dr. (Miss) Sulabha Phatak.
3. A Seminar on "15iodiversity of Goa" was organised by AGAZ & Botanical Society of Goa in Collaboration with WWF Goa region and by P.E.S. College Ponda. It was attended by Dr. (Miss) Meenakshi Mallya, Mrs. Marykutty Augustine, Mrs. Molly Joseph, Miss Subadra Devi Gadi, Dr. (Miss) Sulabha Phatak, Mr: Manoj R. Borkar, Mrs. Albertine Menezes.
4. A Research Project on "Project Crocodile" was organised by WWF, Goa region, was attended by Mrs. Marykutty Augustine.
5. A course on Self Renewal Reflection was organised by Xavier Board. It was attended by Mrs. Marykutty Augustine and by Mrs. Molly Joseph.
6. A Refresher Course in Physics was organised by Mysore University and Goa University and was attended by Mr. Rajendra and Mr. Efrem D'Sa.
7. A Seminar on Aids was organised by Diocesan Centre and was attended by Mrs. Nora Govil and Miss Christabel Faria.

8. A Orientation Course in Counselling was attended by Mrs. Nora Govil.
9. A Seminar on Govt. Society & Politics in Goa and Maharashtra was organised by Goa University & WRC of ICSSR and was attended by Mrs. Dina D'Silva, Miss Louise Ann Fernandez, Mrs. Lolita D'Souza.
10. A Seminar on "Socio-Economic Scenario & Social Justice was organised by Damodar College of Commerce & Economics. It was attended by Mrs. Radhika Nayak.
11. Mr. Manoj R. Borkar attended a Bird Watching workshop at NIO organised by WWF Goa Division, Research Project on Ecology of Crocodile and also published a research paper in Creation Rhythm of Abiotic factors in a fresh water pond.
12. A Research Project on Resistivity & Thermopower was organised by I.I.T. Powai, Bombay and was attended by Mr. Efrem D'Sa.
13. A workshop on "The role of Directors of Physical Education in the promotion of Physical Education 'and Sports Science in Goa and workshop on "Introduction of Handball in Goa organised by Goa University was attended by Mr. Olavo M. Gama.
14. Miss Leila Mascarenhas attended 24th Orientation Programme at ASC organised by Goa University.
15. Miss Nina Caldeira attended R. N. Goenka Memorial Seminar organised by Govt. College Quepem.
16. Mrs Akalpita Desai attended a workshop in Konkani and also a workshop in Marathi Melava.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**N.C.C.:** 50 NCC Cadets were enrolled under 2/Lt Maria Luissa Ferrao Valadares. Miss Lara D'Souza was the CUO. Miss Premila Pereira was the NCC representative on the students Council for the academic year 1991-92.

Besides the regular parades held every Tuesday on the College Campus, NCC also conducted extra curricular activities. These included Tree Plantation in the College Campus, a Social Service Visit to the Home for the Aged

at Verna, a mini trek to Majorda and various other competitions like fancy dress, mime, extempo in College for NCC cadets only.

Three NCC Cadets from Carmel College went for Pre RD Selections to Belgaum in August, 1991. They were Sandra D'Costa, Neves D'Mello, Antonette Pereira. Besides these Cadets, another two NCC Cadets Carolyn Rato and Neves D'Mello attended the Trekking Camp at Ooty-Cornor held in the month of May 1991.

An Annual Training Camp (ATC) was held at Fatorda in October 1991. Carmel College was allocated just 17 vacancies. Most of the 2nd year and 3rd year Cadets attended the camp. They bagged the 1st prize in the Group Singing Competition.

**Sports :** Our student actively participated in games like Football, Kabaddi, Cricket, Handball, Volleyball and Tennis. Our team were declared winners in Football, Kabaddi, Cricket, Handball and Tennis. Six of our students also participated in the Inter-University Football tournament which secured a runner-up position at All India level, and five girls participated in the State level Football tournament.

**N.S.S. :** NSS Unit of Carmel College enrolled 80 volunteers for the year 1991-92. The following activities were undertaken by the unit. 1. Adult Literacy classes; 2. Free tuitions for school children & orphanage; 3. Service to the inmates of the Home for the aged; 4. Visits to the Hospitals; 5. Tree plantation in an adopted village; 6. Sports and Cultural programmes in an adopted village; 7. Nutrition Programme in an adopted village; 8. Survey of Literacy and Health in an adopted village; 9. Circulating Library Work in the village.

Besides this NSS Special Camp was held at Betul from 16th October-25th October, 1991. 32 Volunteers joined the camp. The main projects undertaken were: 1. Literacy Survey; 2. Levelling of the village ground, Adult Literacy classes and 3. Games and cultural programmes etc. Our volunteers also participated in the city-cleaning at Margao arranged by the University.

**Cultural Activities :**

Our students always participated in activities like All India Radio Programmes, Elocution and Essay Competitions, Quiz Programmes, debates etc. at the Collegiate and Inter-Collegiate level and are awarded various prizes in this field.

**Statistical details regarding the teaching programme and students :**

Sr.	Branch	Degree	Duration	No. of students		
				No. of Study	1st yr.	2nd yr.
1	Arts	B. A.	3 years			
			Girls	130	112	99
2.	Science	B.Sc.	Total.....	341		
			3 years			
			Girls	77	59	43
			Total .....	179		
3.	Commerae	<a href="#">B.Com.</a>	3 years			
			Girls	83	66	62
			Total.....	211		

**Results of the College**

Faculty	March/ April '91	percentage-wise :	
		Oct./ Nov.'91	March/ April 1992
B.A.	App: 83 Pass: 60 72.28%	App: 27 Pass: 13 48.14%	App: 89 Pass: 58 65.1%
B.Sc.	App: 35 Pass: 35 100%	App: 2 Pass: 1 50%	App: 43 Pass: 29 67.4%
<a href="#">B.Com.</a>	App: 49 Pass: 20 40.8%	App: 38 Pass: 12 31.57%	App: 89 Pass: 58 39.6%

**Publications :** Nil

**Information about campus development, construction of new buildings, opening of new subjects, etc.:** Nil.

**A-6. MURGAON EDUCATION SOCIETY'S  
COLLEGE OF ARTS & COMMERCE,  
ZUARINAGAR - GOA.**

The College established in June 1972 is run by the Murgaon Education Society and imparts instruction in the approved subjects leading to B.A. and [B.Com.](#) degrees. Prof. Madhav S. Kamat is the Principal of the college. No hostel facilities are provided by the college.

12. Shri B. V. Kolekar, [M.Com.](#)  
Lecturer

**Teaching and Research staff :**

1. Shri M. S. Kamat, M.A.  
Principal
2. Shri H. T. Nagvenkar, M.A.  
Vice-Principal
3. Shri N. B. Kale, M.A.  
Lecturer
4. Shri **D. A.** Kamat, M.Sc.  
Lecturer
5. Shri S. N. D. Poojary, M.A.  
Lecturer
6. Shri K. S. Nairi, M.A.  
Lecturer
7. Miss M. C. Rodrigues, M.A.  
Lecturer
8. Shri Prakash Pawar, B.Oom. (ICA)  
Lecturer
9. Shri P. A. Borgave, M.A./MPED  
Director of Sports & Physical Education
10. Shri B. S. Ingalhalli, M.A.  
Lecturer
11. Shri M. L. Bhuttewadkar, [M.Com.](#)  
Lecturer
13. Shri R. B. Patil, M.A.  
Lecturer
14. Shri B. S. Nagarsekar, [M.Com.](#), ICA  
Lecturer

**Details of Research/Master students : Nil**

**Library :** Total No. of Text Books - 464; Total No. Reference Books - 9475; No. of Periodicals - 50; Academic Journals - 29.

**Information about the Research Projects :** Nil

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works etc. :**

**N.C.C. :** The Cadets have participated in Republic Day parade at Delhi, they have successfully completed adventurous cycle expedition for Vasco to Poona. At this camp our cadets won prizes for cross country running, Elocution competition. We have NCC Army, Navy and Girls Wings.

**Sports :** Our students have won Gold Medal at University Sports Meet and have played for University, Goa and India.

**N.S.S. :** We have very active NSS Unit. Our N.S.S. Unit undertook a massive fund raising programme for the benefit of Indian Red Cross, Goa Branch. The NSS Volunteers have done an excellent job of watering and protecting 1000 trees planted on our 25 acre college campus under the Social Forestry Programme.

**Social Activities :** Colleges runs as extension education programme for imparting training in Socially Productive Skills to various sections of community. For example training was imparted in communication skills to middle level business executives from Goa.

**Statistical details regarding the teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of degree in 1991-92  
course

			1st yr.	2nd yr.	3rd yr.
1. Commerce	<a href="#">B.Com.</a>	3 years			
	Boys		143	74	78
	Girls		107	80	61
	Total		250	154	139
2. Arts	B.A	3 years			
	Boys		43	38	31
	Girls		73	69	48
	Total		116	107	79

**Results of the College percentage wise ;**

Faculty	March 1991	Oct. 1991	March 1992
T.Y.B.A.	84%	25%	62%
T.Y.B.Com.	42%	24%	29%

**Information about campus development :** The College organises periodically seminars, workshops etc. for improving the professional competence of teachers. The following teachers have passed the M.Phil. examinations in theory. 1. Smt. Sandhya Bhandari Sequeira, 2. Shri B. V. Kolekar, 3: Shri V. V. Sail.

**A-7. VIDYA VIKAS MANDAL'S SHREE DAMODAR COLLEGE OF COMMERCE & ECONOMICS, MARGAO-GOA.**

The College was established in June 1973 to impart instructions in the approved subjects leading to [B.Com.](#) degree. The College is run by the Vidya Vikas Mandal, Margao. Shri D. V. Borkar is the Principal of the College. No hostel facilities are provided by the college.

**Teaching and research staff :**

1. Shri D. V. Borkar, [M.Com.](#), LL.B.  
Principal & Head of the Dept. of Commerce
2. Shri R. B. Nair, [M.Com.](#) Vice-Principal & Prof. in Commerce
3. Shri G. M. Prabhudesai, M.A., LL.B.  
Head of the Dept. & Lecturer
4. Shri G. G. Kondli, M.A.  
Lecturer
5. Shri V. G. Patil, M.Sc.  
Lecturer
6. Shri R. T. Virkar, [M.Com.](#)  
Lecturer
7. Shri J. M. Verlekar, B.A., F.C.A.  
Lecturer
8. Shri N. T. Mathew, [B.Com.](#), A.C.A.  
Lecturer
9. Shri Suhas B. Mulay, M.Sc.  
Lecturer
10. Shri M. A. Redkar, [M.Com.](#), LL.B.  
Lecturer
11. Shri V. G. Chilmulkar, [B.Com.](#), F.C.A.  
Lecturer

12. Shri Bhasker G. Nayak, M.A.  
Lecturer
13. J. M. Rebello, M.A.  
Lecturer
14. Shri D. A. Bale, B.A., F.C.A.  
Lecturer
15. Mrs. M. E. Abranches, M.Sc., D.H.E.  
Lecturer
16. Mrs. U. N. Pulapaka, [M.Com.](#)  
Lecturer
17. Shri A. R. Neelgar, [M.Com.](#)  
Lecturer
18. Mrs. Meenaxi Gedam, M.A., M.Phil.  
Lecturer
19. Shri G. S. Keni, [B.Com.](#), C.A.  
Lecturer
20. Mrs. Lydia Menon, M.A., LL.B.  
Lecturer
21. Miss Florence Rebello, M.A., D.H.E.  
Lecturer
22. Prof. P. P. Singh, B.Sc., M.A., LL.B.,  
LL.M., Dip. in Labour  
Lecturer
23. Mrs. N. Gopinathan, M.A.  
Lecturer
24. Shri S. V. Yalagi, B.A., M.Lib. Sc.  
Librarian
25. Shri S. T. Naik, B.P.Ed.  
Sports Director

**Details of Research/Master students : Nil**

**Library :** Total No. books - 8501; No. of reference books - 4712; No. of text books - 2395; No. of periodicals - 40; No. of Academic journals - 23.

**Information about the Research Projects: A Seminar** on the Socio-Economic scenario and Social Justice was held on 17.2.92.

**N.C.C. :** The total enrolment of N.C.C. Naval Unit of this

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension works, etc. :**

college during 1991-92 was 50.

**Special Achievements :** PO/Cadet Fernando J. D'Costa attended B.L.C. Camp held at Belgaum and New Delhi and at Delhi our team won the Runners-up Championship in 303 Firing exercises.

2. 18 cadets and 1 Officer attended Annual Training Camp in Oct. 1991.
3. 4 cadets attended Pre R.D. Camp held at Bijapur during Nov. '91.
4. 4 cadets and LCDR G. G. Kondli attended All India Trekking Camp held at Goa.
5. LCDR G. G. KONDli was the Trek Liaison and Publicity Officer.
6. 2 cadets - Ldg/Cadet Girish V. Shenoy and Ldg./ Cadet Tomaturgo D'S ilva attended 'Shivaji Trail Trek', held at Margasani - Pune during Nov.-Dec. '91. They also attended Special Boat Pulling Camp at Udipi.
7. Tree plantation was carried out at J. N. Stadium, Fatorda, and College Complex and 200 saplings were planted by the cadets during Aug.-Sept. 1991.
- 8.6 cadets and 8 cadets appeared for 'B' & 'C' Certificate Examination respectively.
9. In addition our cadets conducted/participated also in Raddi collection drive and Uttar Kashi Earth quake Relief drive organised by Lions Club of Margao and Margao Citizens Relief Committee respectively.

**Sports :** Our college won the following Championships at the Inter-Collegiate Tournaments. 1. Football; 2. Basketball (Men); 3. Basketball (Women); 4. Handball (Men). Our college was the runners up at the following Inter-Collegiate Tournaments. 1. Hockey (Women); 2. Tennikoit (Women); 3. Athletics (Men); 4. Athletics (Women); 5. Judo. The players of our various college teams were selected for inclusion in the Goa University teams as below: 1. Football (Men) -9 players; 2. Football (Women) - 4 players; 3. Basketball (Men) - 2 players; 4. Athletics - 3 Athletes. In addition, our 3 players were

selected for Inter-University Football selection Trial and were invited for the coaching camp held at Cuttak (Orissa). Our college participated in almost all the disciplines of Sports organised by Goa University.

Shri Sudhakar Naik, Sports Director of this College was appointed as Manager of the Goa University Football team, which was the winner at the West Zone Football Tournaments and had also secured 3rd place at the Inter Zonal Football tournaments. He also officiated in the Inter National Permit Meet held at New Delhi in September, 1991.

**NSS:** The college NSS Unit had enrolled 502 volunteers (226 boys & 276 girls) but due to stringent standards only 442 volunteers could complete 120 hours of work. Projects undertaken by them are: Hospital work, Each One Teach One, Educating Weaker Children, Immunization and Illiteracy Survey, Campus work, etc. In addition, in the Environment Awareness Programme 50 volunteers took part to clean Margao City and another 25 volunteers participated in cleaning Colva Beach. Conducted two - YOUTH FOR CONSTRUCTION CAMPS at Gaondongari with 100 participants completing extension of Govt. School Playground and second at Paingin with 58 participants completing extension of Govt. Primary School, Galiye. About 35 volunteers participated in Raddi collection drive organised by Lions Club of Margao.

#### Cultural Activities :

The Cultural Union of the College was inaugurated at the hands of Engr. Shridhar Kamat, a Director Producer and Playwright by aptitude. During the course of the year, the Union conducted the following competitions : Elocution competition, Annual Poetry competition, Story Telling competition, late Mrs. Leelabai Satpute Memorial All Goa Poetry competition, Inter collegiate U.N. Bene Trophy Quiz competition, Hindi Film Singing competition, on the Spot Essay competition, Written Quiz competition, All Goa Inter Collegiate V. N. Kamat Trophy Best Magazine competition, Extempore Elocution competition.

Our students also participated in a number of competitions organised by other institutions/organisations. One such is Kale Academy's Inter-collegiate ONE ACT PLAY COMPETITION. Miss Prita Ambe and Mr. Vishnu Kamat were awarded a certificate for Acting (Women) and Acting (Men) respectively and Mr. Ketan Bhat prize for best direction for Konkani one act play. Our college also won the over all performance prize for Konkani.

#### Statistical details regarding the teaching programme

#### and students :

Sr. Branch	Degree to Duration	No. of students awarded of course in 1991-92		
		1st yr.	2nd yr.	3rd yr.
1. Commerce	B. Com. 3 years			
	Boys	250	162	196
	Girls	166	150	165
	Total	416	312	361

#### Results of the College percentage wise :

Branch	Gender	No. of students	
		appeared (1st half of 1991)	passed (April '91)
<u>B.COM</u>	Boys	206	74
	Girls	162	76
	Total	368	150
(2nd half of 1991 (Oct. '91))			
<u>B.COM</u>	Boys	148	36
	Girls	86	26
	Total	234	62
(1st half of 1992 (April '92))			
<u>B.COM</u>	Boys	281	90
	Girls	218	87
	Total	499	177

#### Publications : Nil

#### Information about campus development etc. :

i) Shri D. V. Borkar, Principal of this college participated in the Seminar on Examination reforms conducted by South Gujarat University held at Surat. ii) Mrs. Nirmala Gopinathan, Lecturer in Commerce of this college completed her M.Phil. Part I and passed the Examination in 1st class.

#### A-8. DYNANPRASARAK MANDAL'S V. N. S. BANDEKAR COLLEGE OF COMMERCE, ASSAGAO - GOA.

The College was established in June, 1974 to impart instruction in the approved subjects leading to the B.Com. degree. The college is run by the Dnyanprasarak Mandel. Prof. Gopal Govind Mayekar is the Principal of the College.

**Teaching and research staff :**

1. Mayekar G. G., M.A.  
Principal
2. Diwan S. A., M.Sc.  
Vice-Principal
3. D'Souza X. P., M.A.  
Lecturer
4. Sontakki C. N., [M.Com.](#), Ph.D.  
Lecturer
5. Jacob Varkey, M.A., LL.B.  
Lecturer
6. Kulkarni S. H., [M.Com.](#)  
Lecturer
7. Deshpande D. M., [M.Com.](#)  
Lecturer
8. Arsekar R. D., M.A., LL.B.  
Lecturer
9. D'Lima E. J., M.A.  
Lecturer
10. Ferreira Esther, M.A., Ph.D.  
Lecturer
11. Dharwadkar S. B., M.A., M.Phil.  
Lecturer
12. Kakamari K. G., M.Sc.  
Lecturer
13. Devi T. R., [M.Com.](#)  
Lecturer
14. Patil S. D., [M.Com.](#)  
Lecturer
15. Patil M. R., [M.Com.](#)  
Lecturer
16. Gupte V. S., M.A.  
Lecturer
17. Dukle R. V., [B.Com.](#), C.A.  
Lecturer
18. Haladi Anita, M.A.  
Lecturer
19. Karapurkar S. B., M.C.A.  
Lecturer
20. Jacob Anita, M.A.  
Lecturer
21. Pawar P. P., [B.Com.](#), C.A.  
Lecturer (P.T.)
22. Joshi D. V., [B.Com.](#), C.A.  
Lecturer (P.T.)
23. Vaze S. M., [B.Com.](#), C.A.  
Lecturer (P.T.)
24. Kamat S. J., [B.Com.](#), C.A.  
Lecturer **(P.T.)**
25. Dhavjekar G. T., B.Sc. LL.B.  
Lecturer (P.T.)
26. Souza S., 'M.A. LL.B.  
Lecturer (P.T.)
27. Balkrishna C., M.Sc.  
Lecturer (P.T.)
28. D'Souza Domitel, M.A.  
Lecturer (P.T.)
29. Uchgaonkar P. A., M.A.  
Lecturer (P.T.)
30. Kulkarni P. P., M.A., B.Lib.  
Librarian
31. Nesarkar B. A., M.A., P.Ed.  
Physical Director

**Details of Research/Master students : Nil**

**Library :** Total number of books - 7921; Total number of U.G.C. Reference book - 203; U.G.C. Book Bank - 672; Periodicals - i) Academic - 21; ii) Non-Academic - 8; iii) Newspaper - 10; iv) Donated books - Ajagaonkar -2334; Coscar - 22.

**Information about the research projects completed by the teachers, etc. ; Nil**



**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**N.C.C. :** Our Unit completes its 16th year with 100 cadets to its credits under the able command of Major Edward D'Lima. This year our Coy Commander Captain Edward D'Lima was promoted to Major.

Sgt. Swapnil Gauns represented Goa at the Advance Leadership Camp at Mysore in May '91. Cdt. Ajit Barrett<sup>o</sup> attended Army Attachment Camp held at Belgaum in May '91.

Seven of our cadets represented Goa at the Army Attachment camp held at Bangalore in June 1991. Cdt. Vasant Haldankar attended the Army Attachment Camp at Secunderabad. Independence Day was celebrated on the College premises with NCC cadets both boys and girls giving a March Past. Display. Combines Tree-plantation Programme was held by our college and St. Xavier's College at Pednem Sports Complex in the presence of M.L.A. Prof. Surendra Sirsat, Lt. Col. S. P. Bhonsle, Major Edward D'Lima and Captain Kandolkar.

Two of our cadets Cdt. Vasant Haldankar and Cdt. Ajit Barreto were 'selected for Pre-Pre R.D. Camp. A Hike was organised to Tambdi Surla in August and a Second Hike to Dudhsagar waterfalls in the month of October.

L/CPL Rajesh Mangaonkar attended Basic Leadership Course-I and Pre-BLC at Belgaum. Blood Donation drive was also organised by our unit which was held in our college premises and 35 of our cadets boys and girls and 15 cadets from St. Xavier's College donated blood. 47 cadets from our College attended the Annual Training Camp held at St. Anthony's High School, Duler, Mapusa, Goa. Our college secured 1st place in immediate Battle Drill. 2nd place in cross-country and firing competitions. Our college also ranked 3rd and 5th in line-dressing and Map-Reading respectively.

On 24th November, 1991, N.C.C. Day was celebrated at Campal Ground, Panaji.

Two of our cadets CPL Sanjay Bhagwat and L/CPL Vishnu Mahadeshwar represented Goa at the Shivaji Trail Trekking Programme held at Pune in December, 1991.

The Annual Cycling Expedition was held on 7th December, 91 to Reis Magos. On 19th December a platoon of our college participated in the Liberation Day Parade held at Hutatma Chawk, Mapusa.

An Anti-Dowry Pledge was also taken by all our cadets and 15 cadets have volunteered for eye donation.

12 of our cadets passed the 'B' Certificate Examination and 2 cadets passed the 'C' certificate Examination held this year.

**NCC (Girls Wing) :** The NCC believes in Unity, discipline and creating a feeling of National Integration amongst us. The NCC girls wing has completed six years under the command of 2/Lt. Mrs. Sandra De Souza. This year the enrolment strength is 60 cadets.

Sgt. Vanita Patil Gavde and Cpl. Vidhya Sangodkar were promoted to Cadet Senior Under-Officer and Cadet Under Officer respectively.

Sgt. Pranita Tendulkar and Cpl. Priya Keni were selected for the Ooty Treking Expedition in May, '91. Cpl. Sonia Bodke and L/CPL Felicia Fernandes attended the Mini-R.D. Camp held at Belgaum in August, 1991, respectively. Cpl. Manjusha Dessai and Cpl. Rima Nagvenkar represented Goa at the Basic Leadership camp held at Delhi in August, 1991.

In November, 1991 twenty cadets of our coy attended the Annual Training Camp held at Fatorda, Margao. Our company secured 1st place in cross-country, 3rd place in Drill competition. L/Cpl Mary Irene Dias secured 1st place in Signals. Cadet Mary Moonjapilly, Cadet Shivilila Haldankar and Cadet Lucy Silveira secured **1st**, 2nd and 3rd place for Cross-country respectively. Senior-Under-Officer Vanita Patil Gavde was appointed over-all Senior Under Officer of the camp.

The cadets went for a cycling expedition to Reis-Magos and covered a distance of 20 Kms. The cadets also went for a trek to Tambdi Surla in the month of August, '91. Thirty cadets were selected for Liberation Day celebrations held at Hutatma Chawk, Mapusa. The cadets visited the Home for the Aged in' Mapusa in December, 1991. Besides the Drill, the cadets were trained in other fields such as first-aid, self-defence, Home-Nursing, Signals, firing, Map-reading etc.

S.C.U.O. Vanita Patil Gavde was awarded the Best NCC cadet award for the year 1991-92

**N.S.S. :** The NSS Unit has a total strength of 305 volunteers comprising of 188 boys and 117 girls. Regu-

lar NSS activities consisted of O.P.D. Project at Asilo Hospital, Mapusa, Construction and environmental projects at Dhargal, Pernem Taluka, Adult Education Project under the Scheme Each One Teach One", Beach cleaning Project at Calangute.

Special camping activities consisted of construction of road of one kilometer with the assistance of Village Panchayat, repair of darn and conduct of competitions in villages at Chikhalim, Colvale and prizes were given to the winners. The NSS activities come to end with a colourful valedictory function and prizes were given to the successful volunteers, by Prof. Arsekar, the Prof. in charge. The best boy NSS volunteer was Mr. Darshan Arolkar and the best Girls volunteer was Miss Geetanjali Singbal.

**Sports :** The year 1991-92 goes down in the history of College as it can be said as the year of exceptional achievements.

Women won the Team Championship at Inter-Collegiate Cross-Country Competition. Men team won Bronze Medal. In the Weight Lifting, Power-lifting and Body-Building Competition, our college emerged at Champion for fourth year in succession. Both men and. women teams were runners-up at Inter-Collegiate Kabaddi Tournament. Women team emerged as Champion while Men runners-up in the Inter-Collegiate Kho-Kho Tournament. In Hockey, our college men team stood out as Champion for the third year in succession. Our College won the team championship at the Inter-Collegiate cricket tournament of Goa University 1991-92. In Judo (Men), our college bagged Bronze Medal at the Inter-Collegiate Championship.

Our College athletes bagged Team Championship (Men & Women) at the IV Zuari Agro-Chemical Athletic Championship 1991-92. College emerged as Champion with 60 points to its credit, at Inter-collegiate Athletic Championship.

The Decathlon Trophy was bagged by College athlete Mr. K. P. Miskin; Boys brought gold in 400x100 mts. and 4x400 mts. relay. The College contingent got the 'Best March Past' Trophy.

**Contribution to Goa University Sports :** Our Footballers Mr. Sebastiao D'Costa, Mr. John D'Souza and Mr. Leandro represented Goa University at All India Inter-University West Zone and at Inter-Zonal Tournament held at Yavatmal of Maharashtra and Trichur of Kerala and were declared as West-Zone Champions. In

Cricket. Mr. Paresh Misquin, Mr. Damodar Kitlekar and Mr. Rajesh Naik represented Goa University at the West Zone Inter-University Tournaments held at Amaravati of Maharashtra. Mr. Rajesh Naik was the Vice-Captain of Goa University Team. In Volleyball (Women), Miss Lauretta Fernandes was selected to represent Goa University at West Zone Inter-University Tournament held at Mangalore in Karnatak. In Kabaddi (Women), Miss Padmini Bhat, Miss Yogita Pednekar and Miss Jannet Vaz represented Goa University at South-West Zone Tournament. Miss Mary Moonjapilly represented Goa University at all India Inter-University South-West Zone and Inter-Zonal Tournaments held at Kerala and Amritsar and the team was declared South-West Zone Winners and Runners-up at All Indian Inter-University Championship.

In Athletics (Men), Mr. Augustin D'Silva represented Goa University at West-Zone Inter-University Athletic Championship held at Gwalior. In the Body-Building, Mr. Sandesh Narvekar and Mr. James Ferrao represented Goa University at the Inter-University Body-Building Competition held at Guntur, Andhra Pradesh.

**Contribution to Goa State :** Mr. Balkrishna K. P. Misquin and Mr. Narayna Karnble represented Goa State at Ranaji Trophy held at Goa, Tamil-Nadu, Andhra-Pradesh and Kerala. They also represented Goa State at Inter-State Subhaia Pillay Cricket Tournament held in Goa.

Mr. Rajesh Naik represented Goa State at Inter-State tournament namely Chinna-Swamy Trophy at Cochin (Kerala), Gulam Ahmed Cricket Trophy at Bangalore, Madras, Andhra-Pradesh and Goa.

Mr. Paresh Misquin represented Goa State at Chinna-Swamy Cricket Tournament held at Kerala and Gulam Ahmed Cricket Trophy held at Karnatak, Tamil-Nadu, Andhra-Pradesh and Goa.

Mr. S hekhar Malvankar. Pravin Barde and Harishchandra Gaonkar represented Goa State at Inter-State Patta-Rama Trophy held at Tamil-Nadu, Andhra-Pradesh, Karnataka, Mr. Shekhar Malvankar captained Goa State Team,

**Badminton (Men) :** Mr. Roy Ataide represented Goa State at West Zone Inter-State Tournament held at Jabalpur.

**Body-Building** : Mr. Sandesh Narvekar and Mr. James Ferrao represented Goa State at the 40th National Amateur Body-building Championship '91-92 held at Ahmednagar (Maharashtra).

**Kabaddi (Women)** : Miss Padmini Bhat represented Goa State at the National Sports Festival for Women 1992 held at Erode (Tamil-Nadu).

**Football (Men)** : Mr. Oslar Pereira represented Goa State at the Inter-State B.C. Roy Jr. Football Championship held at Sambalpur (Orissa) in which Goa State emerged Runner-up.

Mr. John D'Souza and Mr. Oslar Pereira All India "NAIDUNIA" Football Tournament held at Madhya Pradesh as a member of All India combined SAI Football Team.

**Contribution to India** : Mr. John D'Souza represented India at the International School Football Games held at Koula-Lampur, Malaysia.

Mr. Oslar Pereira is selected for third phase Coaching Camp of Pre-Asian Youth Soccer Games to represent India at South Korea.

**Cultural Activities** : Various Elocution competition were held wherein many students participated in it. College Study Circle was formed where Mr. Abhinaya Narvekar of S.Y.B.Com. took over as the Secretary of the Study Circle for the year 1991-92. Several competitions were held on the theme "Drugs - a boon or bane".

**Statistical details regarding the teaching programme and students :**

Sr. No.	Branch	Degree	Duration of degree awarded course	No. of students in 1991-92			
				1st yr.	2nd yr.	3rd yr.	Total
1.	Commerce	<a href="#">B.Com.</a>	3 years				
			Boys	371	261	271	903
			Girls	255	185	171	611
			Total	626	446	442	1514

**Results of the College percentage-wise :**

April 1992

	Appeared	Passed	Percentage
Fin. Accts. & Auditing	269	63	40%

Business Management	123	40	45%
Cost Accountancy	50	18	64%
April, 1991			
Fin. Accts. & Auditing	186	92	49%
Business Management	80	47	58%
Cost Accountancy	23	10	43%

**Publications** : Nil

**Information about campus development, construction of new buildings, etc. :**

I) UGC grants sanctioned for following projects

1. Library books and journals	50,000/-
2. Equipment (TV, VCR etc)	1,00,000/-
Total	1,50,000/-

II) Sports Complex with 400 meter track is under construction.

**A-9. GOA VIDYAPRASARAK MANDAL'S COLLEGE OF COMMERCE AND ECONOMICS, PONDA, GOA.**

The college was established in January, 1 986 to impart instruction in the approved subjects leading to [B.Com.](#) degree. The institution is run by the Goa Vidyaprasarak Mandal in its own building having ten clas-room and other space to enable it to carry out its various curricular and extra-curricular activities. Shri Ashok G. Jumde is the Principal of the College.

**Teaching Staff in the College :**

- Shri A. G. Jumde, M.Sc.  
Principal
- Mrs. Gulab A. Borkar, M.A.  
Lecturer
- Mrs. Sheila S. Pereira, M.A.  
Lecturer
- Shri Sanjay L. Singbal, [B.Com.](#), A.C.A.  
Lecturer (Part-time)
- Shri Chandrakant N. Phadte, M.Sc.  
Lecturer

6. Shri Gurudev S. Badiger, M.A.  
Lecturer
7. Shri Umesh M. Bhende, [M.Com.](#), LL.B.  
Lecturer
8. Shri Makarand Chikodikar, M.A.  
Lecturer
9. Shri Prabhuling G. Dandin, [M.Com.](#)  
Lecturer
10. Shri Ganesh V. Khandeparkar, B.A., LLB.  
Lecturer
11. Miss Ana Andrade, M.Sc., M.Phil.  
- Lecturer
12. Shri Raghupati G. Bhatt, M.A., M.Phil.  
Lecturer
13. Shri Suhas B. Desai, [B.Com.](#), A.C.A., LL.B.  
Lecturer
14. Shri Shridhar P. Bhat, [B.Com.](#), A.C.A., LL.B.  
Lecturer (Part-time)
15. Shri Pradip N. Maske, B.Sc., M.A.
16. Miss Meera V. Naik, [M.Com.](#)  
Lecturer
17. Mrs. Betty D'Silva, [B.Com.](#), M.P.Ed.  
Director of Physical Education

**Library :** Total number of text books, reference books, periodicals and academic journals as on 20.4.1992:

Text books - 1069; Reference books - 2485;  
Periodicals - 23, Academic Journals - 13.

**Information about the Seminars/Workshops attended by the teachers and their academic achievements:**

**a) Mrs. G. A. Borkar**, Lecturer in Economics and **Shri Pradip N. Maske**, Lecturer in Politics, attended two days orientation programme organised by Damodar College, Margao; on behalf of Committee of Principals in collaboration with Goa University.

**b) Prin. A. G. Jumde** along with **Shri G. S. Badiger & Shri M. M. Chikodikar** attended one day seminar for

Social Science teachers, organised by Goa University & Indian Council of Social Sciences, Bombay,

**c) Shri Pradip N. Maske**, Lecturer in Politics, attended two days seminar on 'Government Politics & Society in Goa & Maharashtra', organised by Political Science department of Goa University in collaboration with Western Regional Centre of the ICSSR.

**d) Shri R. G. Bhat** attended a seminar on "The Changing Face of Journalism", organised by Govt. College, Quepem and read a paper for the seminar.

**e) Mrs. Betty D'Silva** attended workshop on "Role of Director of Physical Education & Sports in the colleges & the Society", organised by Goa University, Sports Department.

**f) Shri U. M. Bhende**, Lecturer in Commerce, attended a Seminar on "The Socio-Economic Scenario & Social Justice", organised by Dathodar College, Margao.

**Staff Academy :** Our Staff Academy arranged a lecture for our teachers by Miss Ana Andrade, Lecturer in Mathematics and she delivered a talk on the topic "Fibonacci Numbers and Nature."

**g) Shri Ramesh H. Taxak**, Lecturer in Commerce, has been awarded M.Phil. degree in Commerce by Ahilya Devi Vishwavidyalaya, Indore.

**h) Miss Ana Antrade**, Lecturer in Mathematical & Statistical Techniques has also been awarded M.Phil. degree in Mathematics by Goa University.

**N.C.C., Sports, Cultural Activities, N.S.S., Educational & Extension works, etc. :**

**Sports :** During the year 1991-92 our college teams have participated in various Inter-Collegiate tournaments organised by Goa University; i.e. Table-Tennis, Badminton, Chess, Volley-ball, Basket-ball, Kabaddi, Kho-Kho, Cross Country, Hand-ball, Athletics, Cricket etc., and displayed good performance. Our Kabaddi and Kho-Kho teams bagged the Championship for the Third Consecutive year in Inter-Collegiate Kabaddi and Kho-Kho tournaments of Goa University. Special coaching in cricket was given to our players during Diwali vacation under the guidance of official Coach from Sports Authority of India. Sports facilities in all the games are provided to the students.

**N.S.S. :** During 1991-92 we have enrolled 267 volunteers under Regular N.S.S. and 85 volunteers under special camping programme. Under regular activities our volunteers done campus cleaning programmes, Literacy Survey in villages in Ponda taluka and implementation of M.P.F.L. programme etc. National Youth Week was celebrated in February 1992. In that week Drawing competition on the theme 'Eradication of Illiteracy', Group Singing competition on National Integration were organised. Volunteers were trained for M.P.F.L. programme by our teachers who were trained as Master Trainers at the training camp held under the M.P.F.L. programme organised by State Literacy Mission, Goa. 52 of our volunteers have implemented Each-One-Teach-One programme in nearby Villages.

Special camp was held at Satode, Ken, 7 kms. from Ponda; from 14th October, 1991 to 23rd October, 1991. Our volunteers undertook the work of levelling and repairing of road in Satode Ken i village and near Govt. Primary School; at Satode. They also did campus cleaning work near Primary School, Panchayat office and near the temple at Kerim Besides this, they also undertook Agricultural & Health Sample Survey in and around the village in Satode. Lectures and discussions by special guests were also arranged.

#### **Cultural Activities & Achievements :**

a) A one day workshop on 'Theatre' was organised for our students by Shri Vijaykumar Naik a upcoming writer/ Director. 20 of our students participated.

b) Singing competition in English, Hindi, Marathi & Konkani was organised on 7th September, 1991.

c) Rangoli Competition, Flower arrangement, Vegetable arrangement and cake decoration competitions were organised on 18th December, 1991.

d) All Goa Inter-Collegiate Elocution Competition for Late Shri Tukaram Ramchandra Prabhu Memorial Trophies was organised on 7th January, 1992.

**Achievements :** a) Our college Group Singing Competition troupe won second prize of Rs. 250.00 in All Goa Inter-Collegiate Group Singing competition organised by Bandora Youth Club.

b) Consolation prize for All Goa Inter-Collegiate Disco Dance contest organised by 'Brainlinks Cultural Club, Margao.

c) Shri Jagannath Mulvi, of F.Y.B.Com., won the conso-

lation prize in 'Street Play Writing Competition', organised by Directorate of Adult Education & State Literacy Mission, Goa.

d) Shri Sudesh Mulgaonkar of S.Y.B.Com. won the First prize in Marathi Bhavgit Competition at Ponda taluka level, organised by Gomantak Marathi Academy, Marathi Sanskar Kendra, Marcela.

e) Miss Veronica Dias of F.Y. **B.Com.** secured First prize in Vegetable Carving Competition at Jubilation 1992 organised by Govt. College, Khandola.

f) Shri Shriram Fowkar, F.Y.B.Com. class secured third prize in Essay Competition organised by Inner Wheel Club of Ponda.

g) Our Marathi Play 'Aaj' got consolation prize for All Goa **Inter-Collegiate** One Act Play Competition organised by P.E.S. College, Farmagudi. Shri Sameer Kapdi and Miss Anita Ghorpade were awarded best Actor, and best Actress prize for the play.

h) Our college team also secured third prize of Rs. 501.00 in All Goa Marathi One Act Play Competition in Group 'A' organised by Mahalaxmi Yuvak Sangh, Talaulim. Shri Sameer Kapdi was awarded second prize for Direction and Shri Pratish Shinde, Sameer Kapdi secured consolation prize for best acting.

i) Shri Yeshwant Gauns and Shri Nilesh Verenkar have secured 1st prize in Rangoli Competition and third prize in Frikarts competition in Panorama 1992, organised by Chowgule College, Margao.

j) Shri Yeshwant Gauns and Shri Nilesh Verenkar also secured second prize in Rangoli Competition for Volcano 1992, organised by Bandekar College, Mapusa.

k) Shri Vijay Gaunkar and Miss Vrinda Gaunkar, won second prize in Flower arrangement Competition for Panorama 1992, organised by Chowgule College, Margao.

l) Shri Vilas Palkar bagged the winners & Rolling Shield in All Goa Inter-Collegiate Tabla Competition organised by Social Science Association of Govt. College, Sanquelim.

m) Our Drama group secured third places cash prize of Rs. 501.00 for One Act Play "Aar in All Goa One Act Play

Competition in Marathi group organised by Kala Academy, Goa. Shri Sameer Kapdi was awarded Merit Certificate for best acting. Miss Anita Ghorpade got second place in best acting and Shri Sameer Kapdi also won third prize for Direction.

#### **Educational & Extension Work :**

a) Commerce Association of our College arranged a lecture by Prin. D. V. Borkar, Damodar College, Margao on 'Importance of Commerce Education' to our students on 3rd September, 1991.

b) A lecture on ICWAI regarding scope and pattern of examination in ICWAI was given to our Cost Accounting students by Shri Mohan Kavlekar, Secretary, Goa Chamber of Cost Accountants, on 23rd September, 1991.

c) Shri Bhaskar Nayak, Lecturer in Politics, Damodar College, Margao delivered a lecture to our T.Y.B.Com. students on "Centre-State Relations in India", on 9th August, 1991.

d) Shri Walter D'Costa, a Social Worker from Panaji, delivered a talk on 'Drug Abuse Prevention', along with video cassette show on 'Bad Effects of Drugs'; in our College on 27th August, 1991.

e) Commerce Association had also arranged a lecture by Shri S. R. Hanchinamani, Branch Manager, L.I.C., Ponda on 25th November, 1991. He delivered a talk on "Role of L.I.C. in National Development".

#### **Statistical details regarding the teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of course admitted in

		91-92 (sex-wise)		
		F.Y. S.Y. T.Y.		
1. Commerce <a href="#">B. Com.</a>	3 years			
	Boys	206	133	105
	Girls	128	091	080
	Total	334	224	185

**Results of the college** subjectwise in respect of T.Y.B.Com. examination of April, 1991, October, 1991 and April, 1992.

Total Result Percentage of College :

April 1991 ... 60.33%;  
October 1991 ... 45.19%;  
April 1992 ... 55.74%.

#### **A-10. PONDA EDUCATION SOCIETY'S COLLEGE**

#### **OF ARTS & SCIENCE, PONDA-GOA.**

Established in June, 1986, the College is run by the Ponda Education Society. The College imparts instruction in the approved subjects leading to B.A. & B.Sc. degrees. Dr. A. K. Heblekar who is also a lecturer in Physics is the Principal of the College.

#### **Teaching and Research staff :**

1. Dr. A. K. Heblekar, M.Sc., Ph.D.  
Principal
2. Dr. A. S. Dinge, M.Sc., Ph.D.  
Lecturer
3. Mr. R. G. Shetker, M.Sc., B.Ed.  
Lecturer
4. Mr. S. D. Gokakakar, M.Sc.  
Lecturer
5. Mr. B. L. Malik, M.Sc.  
Lecturer
6. Mr. S. S. Hinde, M.Sc., BEd  
Lecturer
7. Mr. V. D. Vaze, M.Sc.  
Lecturer
8. Mr. V. J. Pissurlekar, M.Sc.  
Lecturer
9. Mr. M. V. Dixit, M.Sc., **D.H.E.**  
Lecturer
10. Mr. G. V. S. Kundaikar, M.Sc., M.Phil.  
Lecturer
11. Mr. S. H. P. Keluskar, M.Sc., M.Phil.  
Lecturer
12. Ms. M. V. Rane, M.Sc.  
Lecturer
13. Dr. A. B. Shanbhag, M.Sc., Ph.D.  
Lecturer
14. Ms. Susan Marcos, M.Sc.  
Lecturer

15. Dr. A. V. Deshpande, M.Sc., Ph.D.  
Lecturer

16. Dr. S. H. Bhosale, M.Sc., Ph.D.  
Lecturer

17. Mr. G. P. P. Khanolkar, M.Sc.  
Lecturer

18. Ms. S. V. Kamat, M.Sc.  
Lecturer

19. Ms. K. N. Desai, M.Sc., D.H.E.  
Lecturer

20. Dr. P. Bhattacharya, M.Sc., Ph.D.  
Lecturer

21. Ms. M. M. Kelkar Barve, M.Sc.  
Lecturer

22. Ms. S. R. Borkar, M.Sc.  
Lecturer

23. Ms. C. J. E. Fernandes, M.Sc.  
Lecturer

24. Ms. V. S. Samant, M.A.  
Lecturer

25. Mr. M. N. Kulkarni, M.Sc.  
Lecturer

26. Mr. B. V. Apte, M.A., D.H.E.  
Lecturer

27. Mr. A. V. Bhandiwad, M.A.  
Lecturer

28. Mr. J. G. R. Monteiro, M.A.  
Lecturer

29. Dr. P. R. Hede, M.A., B.Ed., Ph.D.  
Lecturer

30. Mr. Badruddin, M.A., M.Phil.  
Lecturer

31. Ms. V. V. Kamat, M.A.  
Lecturer

32. Ms. K. R. Kunkolienkar, M.A.  
Lecturer

33. Ms. A. M. Rao, M.A.  
Lecturer

34. Ms. V. V. Prabhudesai, M.A., M.Phil.  
Lecturer

35. Ms. S. Ramaswamy, M.A.  
Lecturer

36. Mr. B. V. Bhave, M.A.  
Lecturer

37. Ms. Flavia Noronha, M.A.  
Lecturer

38. Ms. S. P. Mhadeshwar, M.A.  
Lecturer (Lecture basis)

39. Ms. U. B. Apte, M.A.  
Lecturer (Lecture basis)

40. Mr. R. B. Mardokar, M.A.  
Lecturer (Lecture basis)

41. Shri D. M. Desai, M.A., B.P.Ed., M.P.Ed.  
Physical Director

**Details of Research/Master students : Nil**

**Library :** Total number of books - 4413; Total number of general books - 1430; Total number of reference books - 1577; total number of academic journals - 29; total number of periodicals - 13.

**Information about Research projects completed and the Seminars/Workshops held by the College :**

**A** Seminar on "Restructured Courses and New Examination Pattern" was held on 14th March, 1992. The Seminar was organised by P.E.6. College, Farmagudi and attended by Dr. P. R. Dubhashi, Hon. Vice-Chancellor, Goa University, Shri Ulhas V. Parab, Controller of Examinations, Goa University, Dr. Tanaji D. Halarnkar, Director of Students' Welfare, Goa University, Prof. G. M. Prabhudesai, Dr. P. R. Onkar and R. R. Ghatwal.

Faculty-wise and subject-wise discussions were held under the guidance of experts like Dr. S. S. Nadkarni, Prof. G. M. Prabhudesai, Dr. P. R. Onkar, Dr. Daniel D'Souza, Prof. M. S. Anthony, Dr. A. B. Shanbhag presented paper on "Merits and demerits of the Examination system".

In his address, the Hon. Vice-Chancellor **Dr. P. R. Dubhashi** appealed the educational Community to cooperate with Goa University and work hard to improve the educational standards.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**N.S.S. :** 168 students were enrolled under the National Service Scheme for the year 1991-92. The activities were inaugurated by Principal Dr. A. K. Heblekar at the Curti Campus of the College. On this occasion 50 trees of different variety were planted by the volunteers. Following regular activities were conducted throughout the year :

1. Adult Literacy (MPFL)'in various Villages of Panda Taluka.
2. Service in Matruchaya Orphanage at Dhavle, Fonda, Goa.
- a Service in Hospitals at I. D. Hospital, Fonda and Central Hospital, Usgaon.
4. Coaching to S.C./S.T. and poor students in different villages of Fonda Taluka.
5. Slum development at Shapur, Ponda.
6. Socio-economic survey of poor households in the Panchayat areas of Curti-Khandepar and Bandora.

A survey of adult illiterates (Age group 10-60 and above) in all ten wards of Bandora Grampanchayat was conducted during November-December, 1991. The survey has revealed that the number of illiterates in Bandora area is 1169, consisting of 409 males and 760 females. It is proposed to adopt Bandora village to achieve 100% literacy during the year 1992-93.

As a part of National Environment month, a city cleaning drive was undertaken by our volunteers in collaboration with Fonda Municipal Council on 9th December, 1991. The annual Blood Donation Camp of our NSS Unit was held on 7th January, 1992.

The Vth annual camp (Youth for Mass Literacy) of our NSS unit was held at Dhaknewada, Madkai from 25th Oct. to 3rd Nov. '91. The camp was organised in collaboration with Peaceful Society, a well known voluntary agency in Goa. In the Shramdan project our volunteers constructed a compound for the Government Primary School at Dhaknewada, Madkai. Three important surveys were conducted by our volunteers during the camp

- (a) Survey of adult illiterates in all the wards of Madkai

villages (b) Health survey at Axonwada and (c) Socio-economic survey at Axonwada. On 2nd November, 1991 grand variety entertainment programme was organised by our volunteers. The camp was concluded at the hands of Dr. G. V. Kamat, Registrar of Goa University.

**Cultural-Activities:**

Various cultural activities like Rangoli Competition, Flower Arrangement Competition, Painting Competition, Patriotic Singing Competition, Quiz Competition, Poetry Competition, Light Vocal Singing Competition, Elocution Competition, Essay Writing Competition and Fancy Dress Competition were held in the College.

Our students teams participated in various Inter-Collegiate Tournaments and got valuable experience and enriched their skills and talents.

One Judo (Men) team lifted the Inter-Collegiate Championship organised by Goa University.

**Individual achievements :** Mr. Nitin Kerkar, T.Y.B.A., selected for Goa University Cricket Team and selected for State.

2. Mr. Balkrishna Shirodkar, F.Y.B.A., selected for Goa State Judo Team to participate in National Tournament at Punjab.

3. Mr. Ramdas B., Gaude, F.Y.B.Sc., selected for Goa State Kabaddi Team to participate in National Tournament.

4. Mr. Balkrishna Shirodkar, F.Y.B.A., won two Gold Medals in Judo Inter-Collegiate Tournament organised by Goa University.

5. Mr. Virendra Kenkre, F.Y.B.A., won silver medal in Judo Inter-Collegiate Tournament organised by Goa University.

6. Mr. Gopi Gaonkar, F.Y.B.A. won Silver Medal in Judo Inter-Collegiate Tournament organised by Goa University.

7. Mr. Jayant Umarye, F.Y.B.A., won bronze medal in Judo Inter-Collegiate Tournament organised by Goa University.



8. Mr. Nityanand Naik, F.Y.B.A., won Silver Medal in Judo Inter-Collegiate Tournament organised by Goa University.

9. Mr. Kurtarkar Suraj V., F.Y.B.A. declared Best Sports Man in our College Athletic Meet.

10. Miss Tilve Prashanti, F.Y.B.A. declared Best Sports woman for College Athletic Meet.

The VIth Annual College Gymkhana Day was jointly organised on 19th December, 1991 on our College Ground. Mr. Prashant Joshi, Vice-President of Indian Cricket Association was the Chief Guest and Dr. P.V.K. Ghanekar presided over the function. The Chief Guest gave away the prizes and appealed to the students to maintain discipline and take full advantage of the sports facilities.

**Study Circle :** An open forum of staff and students called "Study Circle" was started in the academic year 1988-89. "Study Circle" is meant for increasing the informed inter-action between staff and students. It helps to motivate the students to discuss, write and report various informations on the subjects other than their usual curriculum.

In the academic year 1991-92, eight resource persons, delivered talks on the topics mentioned below :

1. "Goa through the ages" by Mrs. Varsha V. Kamat .

2. "Changing Scenerio of the Soviet, Union" by Mr. Badruddin.

3. "Say yes to life" by Shri Srinivas Reddy (Student).

4. "India's Economic Crisis" - A Seminar in collaboration with Economic Association of P.E.S. College, Fonda. In the Seminar Mr. Dayanand Shetkar (T.Y.B.A. Student), Mr: Vivek Mauzekar (T.Y.B.A.), Miss Sandhya Yadav (S.Y.B.A.) and Miss Reshma Kamat (S.Y.B.A.) read the papers followed by discussion.

5. "My experience in North-East States of India" by Mr. Shushan Bhawe.

Interested students were also motivated to write essays on the talks delivered to get selected for the Best Essay Prize of Rs. 501/- and Rs. 101/-. There was a good response from the students. This year's best Essay prize was awarded to Mr. Santosh K. Naik (S.Y.B.A. student of 1990-91) for his essay on "Goa through the ages".

### Statistical details regarding the teaching programme and students :

Sr. No.	Branch	Degree	Duration of course awarded	No. of students in 1991-92					
				1st yr.	2nd yr.	3rd yr.	Total		
1.	Arts	B.A.	3 years	Boys	88	46	47	181	
				Girls	112	61		69	242
				Total	200	107	116	423	
2.	Science	B.Sc.	3 years	Boys	75	33	42	150	
				Girls	67	32		19	118
				Total	142	65	61	268	

### Results of the College percentage-wise :

#### April, 1991

#### T.Y.B.A. : College Result : 80.61%

Economics (3 units)	68.75%
Politics (3 units)	93.54%
Hindi (3 units)	100.00%
History (3 units)	93.75%
Marathi (3 units)	100.00%
Philosophy (3 units)	65.38%

#### T.Y.B.Sc. : College Result : 74.41%

Botany (6 units)	100.00%
Chemistry (6 units)	79.31%
Zoology (6 units)	57.14%
Chemistry 3 (units)	100.00%
Physics (3 units)	66.66%
Maths (3 unit's)	50.00%

#### October, 1991

#### T.Y.B.A. : College Result: 46.15%

Economics (3 units)	25.00% <sup>43</sup>
Hindi (3 units)	100.00%
Philosophy (3 units)	37.50%
History (3 units)	100.00%
Marathi (3 units)	100.00%
Politics (3 units)	not appeared

**T.Y.B.Sc. : College Result : 50.00%**

Chemistry (6 units)	0.00%
Physics (3 units)	100.00%
Maths (3 units)	33.33%
Zoology (6 units)	100.00%
Botany (6 units)	not appeared

**April, 1992****T.Y.B.A. : College Result : 51.63%**

Politics (6 units)	84.61%
Politics (3 units)	58.13%
Economics (3 units)	43.75%
Philosophy (3 units)	62.50%
Psychology (3 units)	10.52%
Konkani (3 units)	81.25%
Hindi (3 units)	90.32%
History (3 units)	68.57%
Marathi (3 units)	93.33%

**T.Y.B.Sc. : College Result : 71.21%**

Botany (6 units)	80.00%
Chemistry (3 units)	100.00%
Chemistry (6 units)	72.40%
Microbiology (3 units)	100.00%
Physics (6 units)	77.77%
Physics (3 units)	80.00%
Zoology (6 units)	62.50%
Maths (3 units)	16.66%
Zoology (3 units)	100.00%

**Publications : Nil****Information about campus development, etc. :**

Our college has constructed a playground in its own campus, admeasuring 400 sq.mts. (approx.). This will help our students for conducting games such as Cricket, Football, Volleyball and other Athletic events.

During the academic year our college started imparting education in additional subjects at the T.Y.B.Sc. level.

**A-11. NAVAL ACADEMY I.N.S. MANDOVI, VEREM, GOA.**

The Naval Academy is a Defence Service Establishment administered by the Naval Headquarters, New Delhi. The Academy started imparting training to the (10+2) 'X' cadets for B.Sc. (Special) Degree Course commencing from August, 1987. Cdr. L. Radhakrishnan is the Principal of the Naval Academy.

The cadets of B.Sc. (Special) Degree Course are required to stay inside the Naval Academy. They are provided with free accommodation and messing.

**Teaching and Research Staff :**

1. Cdr **L. Radhakrishnan**, M.Sc., M.Sc.  
(Defence Studies)  
Principal
2. Lt. Cdr. **V. Gaonkar**, M.Sc.  
Registrar
3. Lt. Cdr. **S.C. Korti**, M.Sc., M.Sc.  
(Defence Studies)  
Head of the Maths Faculty
4. Lt. Cdr. **K. B. Mehta**, M.Sc.  
Head of the Physics Faculty
5. Lt. **K. S. Venugopal**, M.Sc.  
Member of the Maths Faculty
6. Lt. **G. Ojha**, M.Sc. Head  
of the Chemistry Faculty
7. Lt. **H. N. Satish**, M.Sc. Head of the  
Met & Oceanography Faculty
8. Lt. **S. R. Sridhar**, M.Sc.  
Member of the Physics Faculty
9. Lt. **K. V. Mahadevan**, M.Sc.  
Member of the Physics Faculty
10. Lt. **G. Varughese**,  
M.Sc. Member of the Physics  
Faculty
11. Lt. **R. Gridharan**, M.Tech  
(Atmospheric Science &  
Technology) Member of the

Physics Faculty

12. Lt. V. S. Kumar, M.Sc. (Operation Research)  
Member of the Maths Faculty
13. Lt. Subodh Kumar, M.Sc.  
Member of the Physics Faculty
14. Lt. Simon Xavier, M.Sc.  
Member of the Maths Faculty
15. Stt. B. G. Reddy, B. Tech. (Mech)  
Member of the Physics Faculty
16. Shri. S. S. Raju, M.A. Head of the  
English & Humanities Faculty
17. Shri K. F. Joy, B.Sc., B.Ed.  
Demonstrator in Physics Laboratory
- 18. R. T. Thange, POWTR, EDP (Specialist)**  
Officer-in-Charge, Computer Cell

Month	Passing our term	No. of students appeared	No. of students passed	Percentage of pass
May 91	42 NAC	23	23	100%
Nov 91	43 NAC	32	32	100%
May 92	44 NAC	33	33	100%

The Naval Academy has exclusive buildings for conducting training classes and for accommodating cadets as well as teaching staff. The academic wing has a total of 16 classrooms. It houses the staff rooms, the laboratories for Physics, Training Design Cell, Draughtsman room and a drawing bay.

A Gymnasium has been set up inside the Academy campus.

**Offices for Teaching and Non-Teaching Staff :** Offices for teaching and non-teaching staff are located in the Academic wing and Administrative Block respectively.

The Academy conducts only 3 year B.Sc. (Special) Degree Course for the 10+2 (X) cadets of the Indian Navy. The details of cadets admitted for this course as on 31st May, 1992 are as follows :-•

S.No.	Semester	No. of Cadets
(a)	Sixth (44 NAC)	32
(b)	Fifth ( 45 NAC)	23
(c)	Fourth (46 NAC)	42
(d)	Third (47 NAC)	29
(e)	Second (48 NAC)	41
(f)	First (49 NAC)	18

**Library :** A well stocked library is available for use by the cadets. Each cadet is issued with a set of standard text books for study. Adequate number of reference books, periodicals and journals of academic and general interest are available in the library. The total number of books and periodicals are as follows :-

Category	Quantity
Text <b>books</b>	5143
Reference books	4383
Periodicals	17
Academic Journals	09

### Results of the Academy :

Results of the examinations conducted during the academic year 1991-92 are as follows :-

**Reprographic Cell :** The Reprographic Cell-has xeroxing,

**Lecture-cum-Assembly Hall :** A centrally air-conditioned 456 seat Lecture-cum-Assembly Hall is available for the training purpose. Regular guest lectures by eminent speakers from various walks of life are organised in this hall. Facility also exists for screening of training/instructional films in this hall. Quiz, Debate, Elocution and dramatic competitions and cultural programmes are organised in this hall.

cyclostyling, spiral binding, Electronic Stencil cutting facilities. These facilities are extensively used for preparing handouts, docketts, question papers and issuing of weekly training programmes.

**Training Design Cell :** The training design cell located in the academic wing monitors the progress of classroom instructions. Syllabus, Teaching schemes, lessons plans, question banks for each subject are made available to assist the instructors in executing their tasks effectively. Training aids such as overhead Projectors, Slide projectors and film projectors are utilised to assist the trainees in quick learning,

**Training Evaluation and Monitoring Cell (TEAM) :** In order to have an internal feedback system, a Training Evaluation and Monitoring Cell (TEAM) has been set up.

Data collection, evaluation (Processing) and decision making on the basis of the processed data are the key functions of the internal feedback system.

**University Cell :** A University Cell has been set up for the effective liaison with Goa University in conducting the B.Sc. (Special) Degree course.

**Examination Cell :** The Examination Cell located in the academic wing plans, programmes and conducts mid-semester examinations and final semester examinations. It also maintains records of results.

**Computer Centre :** The academy Computer Centre is located in the Administrative Block. Nine PCs are available for training.

**Laboratories :** Electronics, Electrical, Optics, and Heat and General Physics Laboratories are located in the academic wing.

**Language Laboratory :** The Academy has a 20 booth Language Laboratory is installed for English Language training.

**Sports :** The Naval Academy participated in the Inter-Collegiate Football, Cross Country, Basketball and Aquatics Championships conducted by the University for the year 1991-92.

#### **Play Grounds/Facilities for Sports :**

The Academy has following sports facilities for the training of cadets :-

- |  |         |
|--|---------|
| (a) Football ground  | - Two   |
| (b) Hockey ground  | - One - |
| (c) Basketball courts  | Three   |
| (d) Volleyball ground  | - Three |
| (e) Swimming Pool  | - One   |
| (f) Badminton Court  | - Four  |
| (g) Squash Court   | - One   |
| (h) Lawn Tennis Court  | - One   |
| (j) Cricket (net Practice only)                                    | - One   |
| (k) Boat Pool with a number of boats for training in water sports. |         |

## **A-12. CUNCOLIM EDUCATION SOCIETY'S COLLEGE OF ARTS & COMMERCE, CUNCOLIM**

The College is run by the Cuncolim Education Society. It was established in August, 1987. Shri Dinkar L. Naik . is the principal of the college. No hostel facilities are provided by the institution. -

#### **Teaching and research staff :**

1. **Shri Dinkar L. Naik, M.A.**  
Principal
2. Shri Laximan G. Naik, [M.Com.](#), **LL.B.**  
Lecturer
3. Mrs. Flavia Dias e Colaco, MA,  
Lecturer
4. Mrs. Savita S. Nadkarni, [M.Com.](#)  
Lecturer
5. Mrs. Sarala V. Katageri, M.A.  
Lecturer
6. Mrs. Appurva M. Marathe, M.A.  
Lecturer
7. Shri Augusto J. Pinto, M.A.  
Lecturer
8. Shri Avinash V. Raikar, M.A.  
Lecturer
9. Shri Saripalle Venkat Raman, [B.Com.](#), I.C.A.I.,  
Lecturer **LL.B.**
10. Ms. Amrita R. Dessai, M.A.  
Lecturer
11. Ms. Maria Bernadette Gomes, B.Sc., M.A.  
Lecturer
12. Shri Anand S. Dessai, M.Sc.  
Lecturer
13. Ms. Teja N. Usgaonkar, M.A.  
Lecturer
14. Shri Xavier M. Martins, M.A.  
Lecturer

15. Shri Ramlal S. Vernekar, B.P.Ed., M.P.Ed.  
Director of Physical Education
16. Shri M. A. Deshpande, M.A.  
Lecturer
17. Miss Anupa Anant Naik, [B.Com.](#), M.A.  
Lecturer
18. Shri S. B. Mulay, M.Sc., D.H.E.  
Lecturer
19. Miss Tolentina Xavier, B.Sc., LL.B.  
Lecturer
20. Miss Christabel M. Faria, M.A.  
Lecturer
21. Shri Gauns Khan Usman Khan, B.A., M.Lib.  
Librarian

**Details of Research/Masters students : Nil**

**Library :** Text books - 1003; Reference books - 609;  
Periodicals - 22; Academic Journals - 60.

**Information about the Research Projects :** Two teachers of our college viz. Shri Augusto J. Pinto and Shri Laximan G. Naik have kept terms for M.Phil. courses with Goa University.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**Sports :** Our students participated in different sports activities organised by the Goa University. Our performance in sports activities was quite satisfactory.

College Cricket Team (Boys) reached upto semi-finals in the Inter-Collegiate Tournaments. Kabaddi Team (Women) made it to the quarter finals in the Inter-Collegiate Tournament. Our student Shri Antao Walter secured Silver Medal in the Inter-Collegiate Best Physique Competition.

Shri Carmo Fernandes represented Goa University in Football in Inter-Varsity Tournament. Kumari Antonette Rebello and Bambina Furtado represented Goa University in Kabaddi. Shri Sandesh Dessai and Sachin Jadhav represented Goa University in Cricket in Inter-Varsity Tournaments. Kum. Jayanti Velip represented Goa State in the 28th Nationals Championship in Kho-Kho held at Calcutta.

College Volleyball Team (Boys), Kabaddi (Boys) and

Football (Boys) posed strong challenge to the opponents.

**Extra-Curricular Activities :** Guest Speakers - The College invites a number of speakers to provide insights on issues of current interest. Among the speakers this year were the journalists Mr. Vishnu Wagh, Mr. Prashant Naik and Mr. Raju Nayak and the academics Prof. A. Sequeira, Dr. M. J. Audi and Dr. M. A. Shahi.

An Inter-Collegiate Poets Meet is organised annually, and prizes are awarded to deserving poets in Konkani, Marathi, Hindi and English languages. This year Mr. Purnand Chari of P.E.S. College was declared poet of the Meet, while Ms. Sudha Pai Keer (Damodar) Ms. Alzira Vaz (Cuncolim) were also awarded prizes.

The college organises a number of competition viz. essay, elocution, quiz and singing for students.

The college sends students to participate in various inter-college cultural events like Kala Academy One Act Play Competition, Elocution Competition, etc. This year Ms. Shefali Vaidya has been outstanding at these events, winning the Ganeshotsav Elocution Competition at Margao; Third prize in the Maharashtra Times Elocution Competition in Bombay; a Gold Medal for Goa University Quiz Team at the Inter-University Competition; and reaching the finals of the National Parliamentary Quiz Competition.

**N.S.S. :** During the academic year 1991-92 college N.S.S. Unit conducted the following projects and programmes.

1. The MPFL programme was the chief activity of our N.S.S. Unit. In this activity of "EACH ONE TEACH ONE" as many as 53 students participated. Some of our students conducted group classes at Tamnem and Loliem villages in Canacona. Personal visits to these centres revealed that the progress was satisfactory.

2. Our NSS unit also undertook a drive to collect old clothes and money for the EARTH-QUAKE affected people of Uttar Pradesh. As many as 16 students participated in this drive. Volunteers collected money and clothes from the people of villages like Betul, Assolna, Chinchinim, Velim, Balli, Fatorpa, etc. The collected money and clothes were handed over to the Shri Mohan Ranade of Goa Red Cross Society at a function held at the College.

3. College NSS Unit undertook a cleaning drive. As part of this programme we participated in the clean Colva Beach drive and then launched clean Cuncolim operation with the active co-operation of the Cuncolim Municipality.

4. College NSS Unit conducted a socio-economic survey of Veroda Ward of Cuncolim with the objective of using this data as a base for improving socio-economic conditions of the inhabitants.

5. College NSS Unit provided fruitful training to MPFL volunteers for five days. As many as 100 students actively associated themselves with this programme.

6. Under the Social Forestry Programme the Unit planted saplings of different varieties and also distributed the same to local people and college students.

7. Apart from the above activities many of our students worked in hospitals, rural health centres, primary schools and such other institutions.

Annual Camp was conducted at Mashem in Lolyenn village. During the 10 days camp in that village volunteers levelled the ground for extension of the local school hall by breaking laterite rock boulders and filled a large trench for extension of a Balwadi as well.

**Statistical details regarding the teaching programme and the students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of Degree in 1 991 -92  
course (sexwise)

Sr.	Branch	Degree	Duration	No. of students	
				Boys	Girls
1.	ARTS	B. A.	3 years		
			First Yr.	45	62
			Second Yr.	18	43
			Third Yr.	15	44
2.	COMMERCE	B. Corn.	3 years		
			First Yr.	78	50
			Second Yr.	55	27
			Third Yr.	63	47
			Total	274	273

**Results of the College percentage-wise :**

**T.Y.B.A.**

Subject	Percentage	Subject	Percentage
Economics	17.00%	Economics	100%

Subject	Percentage	Subject	Percentage
Sociology	57.69%	Sociology	100%
Hindi	80.00%		
History	45.45%		

*March-April 1992*

Economics	46.15%
Sociology	87.83%
Hindi	82.60%
History	91.30%
Political Science	94.20%

**T.Y.B.Com.**

*March-April 1991*

Industrial Org. & Management	53.26%
Financial A/cting & Auditing	
Paper I	74.44%
Paper II	62.50%
Paper III	69.76%
Sociology	76.47%
Export Mngt.	69.76%

*Oct.-Nov. 1991*

Industrial Org. & Management	
Financial A/cting & Auditing	
Paper II	<b>100.00%</b>

*March-April 1992*

Industrial Org. & Management	18.18%
Financial A/cting & Auditing	
Paper I	37.50%
Paper II	35.22%
Paper III	36.36%
Sociology	63.63%
Export Mngt.	68.18%

**Publications :** Annual College Magazine  
THE CUNCOLIAN'

**Information about campus development etc. :** The College Library building is under construction. Geography subject is introduced at First Year **B.A.**

**A-13. GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, SANQUELIM - GOA**

This is a Government College, which was established in June, 1988 to impart instruction in the approved subjects leading to B.A., B.Sc. and **B.Com.** degrees. The institution is run by the Government of Goa in the Government

owned building. Dr. B. A. Gomes, who is also a lecturer in Economics is the principal of the College. The College however does not provide hostel facilities as there is no demand for it and most of the students are from the surrounding areas.

**Teaching and Research Staff :**

1. Dr. B. A. Gomes, M.A., LL.B., D.H.E., Ph.D.  
Principal
2. Mr. P. N. Thomas, M.Sc., B.Ed.  
Lecturer
3. Ms. **D.** G. Bandiwadekar, M.Sc.  
Lecturer
4. Ms. Lucy James, M.A.  
Lecturer
5. Mr. N. Balkrishna Bhat, M.Sc.  
Lecturer
6. Mr. K. R. Badiger, M.A., M.Phil,  
Dip. in Gandian Studies  
Lecturer
7. Mr. J. P. P. Pacheco, M.Sc., B.Ed., D.H.E.  
Lecturer
8. Mr. D. B. Arolkar, M.Sc,  
Lecturer
9. Mr. C. Rao, [M.Com.](#)  
Lecturer
10.  
K. K. Bable, M.P.Ed.  
Physical Education Director
11.  
Sowmini Thomas, M.Sc.  
Lecturer
12.  
Kerambelkar, M.Sc.  
Lecturer
13.  
s. Maria Helena D'Souza, M.A.  
Lecturer
14.  
r. Sayed Abdullah, M.A., M.Phil.

16. Mr. Tensing Rodrigues, M.A.  
Lecturer
17. Ms. Rekha Mishra, M.A.  
Lecturer
18. Mr. Ashok Chodankar, M.Sc.  
Lecturer
19. Mr. G. A. Konesar, [M.Com.](#)  
Lecturer
20. Ms. Rosaline Pereira, M.Sc.  
Lecturer
- 21. Mr.** Joydeep Bhattacharjee, M.Sc.  
Lecturer
22. Mrs. Shubhada M. Joshi, M.A.  
Lecturer
23. Mr. M. B. Ghosarwadkar, [M.Com.](#)  
• Lecturer
24. Mr. Ramrao S. Wagh, M.C.A.  
Lecturer
25. Mr. Gervasio Mendes, M.A.  
Lecturer
26. Mr. Anjana Raju, [M.Com.](#)  
Lecturer
27. Ms. Maria Imelda Branganza, M.Sc.  
Lecturer
28. Dr. K. S. Muralidhar, M.Sc., Ph.D.  
Lecturer Mr.
29. Mrs. Sunita Kanekar, M.A., B.Ed.  
Lecturer Mrs.
30. Mr. Agnela A. D. Dias, M.A.  
Lecturer Mr. Anil
31. Mr. Sneha Prabhu Mahambre, M.A.  
Lecturer Mr
32. Mr. Shirish D. Kamat, M.Phil., M.Sc,  
M



Lecturer

15.  
Tan, M.Sc., B.al.  
Lecturer

Lecturer

33. Ms. Rufina Borges, M.A.  
Lecturer

Mr. R. K.

34. Mr. Sharat N. Jamkhandi, M.A.  
Lecturer

**Library :**

Total No. of books in the Library -6333; Reference books -5430; Total No. of text books 903; Popular journals -12; Subjects journals - 30; Daily newspapers - 10.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational & Extension works, etc. :**

**N.S.S. :**

The N.S.S. activities of the year 1991-92 began in the month of June by enrolling the volunteers followed by the election of the office-bearers and Group Leaders of the N.S.S. Unit. About 246 students were enrolled.

'Vanamahotsava' was celebrated by launching a mass tree plantation programme in the college campus. About 2000 saplings were planted.

During the Literacy Week various competitions like the Poster Competition, Silent Procession - from College campus through the Sanquelim market and back highlighting the 'Adult literacy Mission' in I ndiawas organised, Literacy Awareness, etc. National Environment Month was celebrated by launching operation 'Clean-up' in which the whole campus was cleaned.

National Youth week was celebrated from 13th Jan. '92 to 18th Jan. '92. On 14th January '92, a Blood donation Camp was held. 44 persons including students, faculty members and staff donated blood. On 15th January '92 a Singing competition was held. A 'Monologue competition' on the theme 'Girl Child' was also organised on 17th January.

The Unit this year collected a sum of Rs. 402.75 for the children of migrants from Jammu and Kashmir.

The students were engaged in the following regular activities : Hospital work, Primary School Teaching, Working in Home for Aged, Library work, Each One Teach One project, Campus work, Social forestry, Blood Donation, Community Development programmes. The N.S.S. Special Camp was held from 16th Oct., 1991 to 25th Oct., 1991. The main projects undertaken during the camp were Manual work, Health Education Programmes and Personality development programmes.

**Sports :** This College has a very impressive playground, a wide range of sports meant to benefit sportsmen and sportswomen of this College. Our college Badminton teams participated in the Inter-Collegiate badminton tournament which was held from 30th July, '91 to 1st August, '91.

Our Men's team entered the quarter final. Our College Table-Tennis team (Men) participated in the inter-Collegiate Table-Tennis tournament which was held from 7th to 9th August, 1991. College Cross Country team (Men) participated in the inter-collegiate cross country competition which was held on 10th August, 1991.

Independence Day, Goa Liberation Day & Republic Day Functions were celebrated with Flag hoisting and various competitions organised by the Gymkhana Council in association with the students' council .

**Statistical details regarding the teaching programme and students :**

Sr. No.	Branch	Degree	Duration of degree course	No. of students in 1991-92	
				SY	TY
1.	Arts	B.A.	3 years	FY	
			Boys	42	14 26
			Girls	69	30 11
			Total	111	44 37
2.	Commerce	<u>B.Com.</u>	3 years	FY	SY TY
			Boys	127	15 22
			Girls	76	8 23
			Total	203	23 45
3.	Science	B.Sc.	3 years	FY	SY TY
			Boys	33	20 05
			Girls	22	12 07
			Total	55	32 12

**Results of the College percentage-wise :**

<b>April 1991</b>		<b>Oct./Nov. '91</b>	
T.Y.B.A.	71.42%	T.Y.B.A.	20%
T.Y.B.Sc.	100%	T.Y.B.Sc.	100%
T.Y.B.Com.	82.08%	T.Y.B.Com.	77.77%
Overall	80%		
<b>April/May '92</b>			
T.Y.B.A.	88.88%	T.Y.B.Sc.	100%
T.Y.B.Com.	88.37%	Overall	90%

**A-14. GOA COLLEGE OF HOME SCIENCE,  
BAMBOLIM-GOA.**

The College was established in July, 1988, temporarily housed in the Goa Medical College Complex. Kum. Z. Pabani is the Principal of the College.

**Teaching and research staff :**

1. Kum. Zahira Pabani, Dip. Home Science, D.H.E., M.A., M.Phil., Ph.D.
2. Smt. Daisy John, M.Sc.
3. Smt. Parvathi Rao, M.Sc., M.S. (Nutrition), Diploma in Dietetics
4. Smt. Ratna Jyothi, M.Sc. (H.Sc.)
5. Smt. Rajal Shinkre, M.Sc. (H.Sc.)
6. Snit. Singuella de Cunha. M.Sc.

**Details of Research students : Nil**

**Library :** Textbooks - 797; Reference books - 244; Periodicals - 8; Academic Journals - 18.

**Information about Research projects : Nil**

**NCC, Sports, Debates, Cultural Activities, NSS, Educational and extension works, etc. :**

Students make use of the Campal Sports ground, Youth Hostel, with coaching facilities provided by Directorate of Sports & Youth Affairs and Sports Authority of India. Table Tennis, Carrom and Chess are provided in the College premises.

**Statistical details regarding the teaching programme and students :**

Sr. No.	Branch	Degree awarded	Duration of course	No. of students in 1991-92		
				1st	2nd	3rd
1.	Home Science (Home Sc.)	B.Sc.	3 years	30	19	14

**Results of the College percentage-wise :**

March/April, 1991		March/April, 1992	
F.Y.B.Sc.	70.8%	F.Y.B.Sc.	78.6%
S.Y.B.Sc.	100%	S.Y.B.Sc.	94.7%
T.Y.B.Sc.	85.7%	T.Y.B.Sc.	92.8%

**Publications : Nil**

**Information about campus development, construction of new buildings, etc. :** The College building is under construction at Campo'.

**A-15. GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, KANDOLA, MARCELA-GOA.**

Govt. College of Arts, Science & Commerce, Khandola, Marcela-Goa is established in July, 1989 and the strength of 126 students at its inception has shot up to 452 in 1991-92. The College is affiliated to Goa University and imparts instruction in courses leading to B.A., B.Com. & B.Sc. degrees. The college has enrolled local students as well as those residing around 50 kms from the college. The college offers Computer System as one of the applied Components (subject). It is run by the Government of Goa. Dr. John B. Fernandes, who is also a lecturer in Chemistry is the Principal of the College.

**Teaching staff :**

Category	Full-time
Permanent	7
Probationary	18
Lecture-basis	8

**Details of .Research/Master students : Nil**

**Library :**

Text-books	4246
Reference books	1000
Magazines/Journals	0045
Newspapers	0016

Library has also acquired 2300 more titles from Aroskar's collections.

**Information about the Research Projects completed by the teachers, and seminars/workshops held by the college : Nil**

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension works etc.:**

**Sports :**

The students participated in Inter-Collegiate football tournament organised by Goa University and in the Table-Tennis, Weight Lifting, Athletics, Hockey and other tournaments.

The annual Sports Day was organised in January '92.

**Co-Curricular Activities :**

The college has the following associations to develop leadership and intellectual abilities :

1. The Science Association
2. Economic Forum
3. Abhyas Mandal
4. Political Science Association
5. Geography Association
6. History Association
7. Commerce Association

A number of guest lectures, Seminars, inter-class competitions, industrial tours and exhibitions were organised under their auspices.

**The** college organised an Inter-Collegiate Competition "Jubilations", College Mela and also won prizes at the All Goa Mando Festival, 1991, Debates, Elocution and was selected to represent Goa University at Inter-University Youth Festival, 1991 in the Folk Dance category.

The college enrolled 100 NSS volunteers and organised an NSS Camp for rural development. Manual work was also undertaken in and around the college.

**Information about campus development, construction of new buildings, opening of new subjects, etc.:**

The College has an audio visual room equipped with T.V., Video, Film projectors and audio systems.

Music classes are conducted every Saturday and students utilize the electric organ, drums and guitar to develop their talents.

**A-16. GOVERNMENT COLLEGE OF ARTS & COMMERCE, QUEPEM-GOA.**

Government College of Arts & Commerce, Quepern-Goa is established in 1989. The college is affiliated to Goa University and imparts instruction in courses leading to B.A. & [B.Com.](#) degree. The college is run by the Government of Goa. Shri P. N. Timble who is also a lecturer in Economics is the Principal of the College.

**Teaching and Research staff :**

1. Shri P. N. Timble, M.A., LL.M.  
Principal
2. Shri S. N. Patil, M.A., B.Ed.  
Lecturer
3. Shri Oscar de Noronha, M.A.  
Lecturer
4. Shri Lucas Miranda, M.Sc., M.Phil.  
Lecturer
5. Smt. Sushila S. Mendes, M.A., B.Ed., **LL.B.**  
Lecturer
6. Smt. Vidya R. Dalvi, [M.Com.](#)  
Lecturer
7. Shri Renji George Amballoor, M.A., M.Phil  
Lecturer
8. Smt. Ash A. Mangutkar, M.A., BEd  
Lecturer
9. Miss Bharati K. Parab, M.A., B.Ed.  
Lecturer
10. Shri Anthony Sathish, [M.Com.](#)  
Lecturer
11. Miss Linda M. Fernandes, M.A.  
Lecturer
12. Shri Brijpal Singh Galloth, M.A.  
Lecturer
13. Smt. Purva G. Hegde-Desai, [B.Com.](#), C.A.  
Lecturer
14. Miss Seema M. Kulkarni, M.A.  
Lecturer
15. Miss Ermelinda Dias, M.A.  
Lecturer
16. Shri Ashok D. Mangutkar, M.A.  
Lecturer
17. Shri Constancio Fernandes, M.A., **B.Ed., LL.B.**  
Lecturer

18. Miss Amrita R. Dessai, M.A.  
Lecturer
19. Smt. Pramada U. G. Dessai, M.A., B.Lib.  
Librarian
20. Shri Rajan Mathew, M.P.E.  
Director of Physical Education
21. Miss Bernadette Gomes  
Lecturer (Lecture basis)
22. Shri K. Hegde Dessai  
Lecturer (Lecture basis)

**Details of Research/Master students : Nil**

**Library :** Magazines -34; Journals - 15, Video Cassettes - 88; Audio (Educational) - 69; Video (Educational) - 70; Newspapers - 14.

**Information about the Research Projects :**

1. Tourism Education, job opportunities and training needs in Goa in collaboration with Tourism Study Group of Goa University.

2. Literary Study Circle organised a two days seminar on 'History of Konkani Literature'. were - Environment, Blood Donation, Cultural Activities, Campus work,

3. The Communications Study Circle organised a one day seminar on 'The Changing Face of Journalism'.

4. The Political Science Study Circle organised a symposium on 'Anti-Defection Law'.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**Sports :** The students also conducted inter-class tournaments. The students also participated in Inter-Collegiate tournaments conducted by the University.

**Cultural :** Cultural union conducted different -competitions for the students like Essay, painting, elocution, singing, debate, rangoli, flower and vegetable arrangement, quiz and fancy dress.

**N.S.S.:** Total enrolment - 175 with 86 boys and 89 girls. The National Service Scheme unit of the college conducted Orientation programme for the volunteers. For the Regular Camping Programme the projects taken

**Results of the College percentage-wise :**

Literacy. A special camp was held at Kavrem Pirla for 10 days wherein 44 volunteers, 3 teachers and 7 locals participated in it. Following projects were undertaken and completed. 1. Preparing compost pits; 2. Construction of community stage; 3. Preservation of spring water sources; 4. Shramadhan at Ashram; 5. Occupational survey; 6. Trekking; 7. Talks by experts from different fields.

To supplement class-room teaching with current information and to develop analytical ability in students, the college has set up STUDY CIRCLES in Commerce, Environment, Economics, Literature, Communications, History and Political Science. All these Study Circles were active throughout the year and they conducted seminars, discussion sessions, quiz and organised study tours. The staff Academy organised discussions, book reviews and paper reading sessions.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of course in 1991-92

		FY	SY	TY	Total
1. Commerce <u>B.Com.</u>	3 years				
	Boys	77	32	17	126
	Girls	48	18	21	87
	Total	125	50	38	213
2. Arts BA,	3 years				
	Boys	26	17	07	50
	Girls	38	24	29	91
	Total	64	41	36	141

F.Y.B.Com. - 56%;	F.Y.B.A. - 80%;
S.Y.B.Com. - 78%;	S.Y.B.A. - 84%;
T.Y.B.Com. - 28%;	T.Y.B.A. - 65%.

**Publications :**

The College has brought out the following publications during the year :

1. 'Women & Law' (Konkani) a booklet on laws relating to women.
2. 'Ankur' - a book of poems in Konkani.
3. 'Office of the Speaker' by Bibial Dias.
4. 'The Changing Face of Journalism'

5. 'APARANT : Vol. II - A College Annual.

**Information about campus development, etc. :**

Our College has been shifted to the new building at Sheldem although the construction work is still under progress. Number of new subjects have been introduced in Commerce and Arts faculties to fulfill the demands of the students. Different curricular and co-curricular activities were conducted. Attempts are being made to develop playground. Afforestation is undertaken to maintain pleasant environment in the college campus. Vigorous services of N.S.S. volunteers are utilised to develop the campus.

**A-17. ROSARY COLLEGE OF COMMERCE,  
NAVELIM - GOA**

This College, established in June, 1990, is run by the Diocesan Society of Education. It imparts instruction in the approved subjects leading to B.Com. degree. Mr. I. P. Newman Fernandes who is also a lecturer in Psychology is the Principal of the College. The College, however, does not provide any hostel facilities.

**Teaching and research staff :**

1. Mr. I. P. Newman Fernandes, M.A.  
Principal
2. Mr. Savio Falleiro, **M.A.**  
Lecturer
3. Mrs. Neeta Mazumdar, M.Sc.  
Lecturer
4. Miss Anna Rodrigues, M.A.  
Lecturer
5. Miss Imaculada Gonsalves, M.A.  
Lecturer
6. Miss Derina Dourado, M.Com.,  
Lecturer
7. Miss Smitha Naik, M.A.  
Lecturer
8. Mr. Satish Bute, M.A.  
Lecturer
9. Miss Asha Gawas, M.A.  
Lecturer

10. Mrs. Herminia Velho, M.A.  
Lecturer

11. Mr. Amaro Henriques, LL.B.  
Lecturer

12. Mrs. Celeste Fernandes, M.A.  
Lecturer

13. Mr. Athos Fernandes, M.A.  
Lecturer

**Details of Research/Master students :** Nil

**Library :** Text books and reference books - 1095;  
Periodicals - 10; Journals - 5.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S.,  
Educational and extension works, etc. :**

**N.C.C. :** Permission for starting NCC wings has not yet been received, However, our request has been taken note of and our name has been registered in case vacancies occur.

Our students participated in different disciplines of Inter-Collegiate sports competition.

Almost all students enrolled themselves as NSS volunteers. Every one's concern was regarding literacy programmes. Our students took up the EACH ONE TEACH ONE programme with great enthusiasm. The neighbouring students visited regularly the illiterates of the Ravora ward that has been adopted by the College and successfully completed the programme having achieved 100% Literacy.

**Statistical details regarding teaching programme and students :**

Sr. Branch	Degree to course	Duration No. of students awarded of degree in 1991-92 (sex-wise)				
		FY	SY	TY	Total	
1. Commerce <u>B.Com.</u> ,	3 years	Boys	67	20	-	87
		Girls	29	13		42
		Total	96	33		129
2. Arts	B.A. 3 years	Boys	15			15
		Girls	30			30
		Total	45			45

**Results of the College percentage-wise :** N. A. since

our students have not yet answered the University Exam.

**Publications :** Nil

**Information about campus development etc. :** The foundation stone of the new College building was laid on August 12, 1991. The construction work started in the first week of November. It is estimated that the cost of the College building construction would be around 85 lakhs of rupees.

During this year the S.Y.B.Com and F.Y.B.A. course were started.

### **A-18. FR. AGNEL COLLEGE OF ARTS & COMMERCE, PILAR - GOA.**

This College, established in June 1991, is run by the Xaverian Educational Society. It imparts instruction in the approved subjects leading to B.A. and [B.Com.](#) degrees. Fr. (Dr.) Nicolau Pereirais the Principal of the College. The College does not provide any hostel facilities.

#### **Teaching and Research staff :**

1. Mr. Mario D'Souza, M.A., **LL.B.**  
Lecturer
2. Mrs. Annie Shakoore, M.A.  
Lecturer
3. Mrs. Blossom Araujo, M.A.  
Lecturer
4. Mr. Ganesh Somayaji, M.A.  
Lecturer
5. Mr. Ashok Sambargi, M.A.  
Lecturer
6. Mr. Dilip Borkar, M.A.  
Lecturer
7. Mr. N. B. Kale, M.A.  
Lecturer
8. Mr. Pratap Reddy, [M.Com.](#)  
Lecturer
9. Mr. Basavraj Ingalhalli, M.A.  
Lecturer
10. Miss Pushpalata Dalvi, M.Sc.

Lecturer

**Details of Research/Master students :** Nil

**Library :** Text books - 207; Reference books - 467; Periodicals - 02; Academic Journals - Nil.

**Information about the Research Projects completed :** Nil

**NCC, Sports, literary activities etc. :** Report of Co-curricular and Extra-curricular Activities during 1991-92.

The College opened Arts & Commerce streams with admission to F.Y.B.A. and F.Y.B.Com. students. In spite of several structural constraints as well as a very limited number of students, the college encouraged students' participation in both co-curricular as well as extra-curricular activities. A brief summary of these activities is given below:

**Co-curricular activities :** a) The College Wall Paper : College wall-paper was inaugurated in the month of July 1991 to conscientize the students on the following issues. 1. Eradication of Adult Illiteracy; 2. Evils of Drugs and Alcohol; 3. Education of Women; 4. National Integration; 5. Status of Girl Child; 6. Problems of Over-Population; 7. Unemployment and Poverty, etc.

b) Literary Association : The college started Literary Association in August, 1991. Under the auspices of the Association several debates, elocution competitions and essay competitions were organised. Our students also participated in Inter-Collegiate essay/elocution/quiz competitions. Ms. Rina Barreto was awarded first prize of Rs. 500/- in Essay Competition for Goa Region, organised by AIACHE, New Delhi.

**Extra-curricular activities :** The College encouraged extra-curricular activities on a selective scale mainly because of resource crunch and limited number of students. Some of the activities carried under this head are:

a) Music Group - Music Group organised several events in the college and encouraged students to participate in events of inter-collegiate nature. Here, a special mention can be made of Mr. Prashant Naik, a student of our college who was awarded first prize of Rs. 1000/- in the street play competition organised by Goa Adult Literacy Mission. •

**Sports :** Due to limited number of students the college organised intra-mural tournaments in few selected areas of sports such as badminton, table-tennis, football, etc. One of our student Mr. Rasik Cuttikar represented the College in cross-country race organised by Goa University.

**NSS :** The College received a very enthusiastic response from students for NSS. Over 80 students out of 130 strength of the college, appealed for NSS registration even though the college was allotted only 50 seats by the University. Some of the activities of general nature, that were undertaken by the NSS Unit are: a) Adult Literacy drive; b) Nursing of sick at GMC hospital; c) Cleaning drives at Agasaim and Goa-Velha markets.

**NSS Camp :** A ten day camp was organised at Kolem Farm, belonging to Pilar Fathers. Besides generating a sense of self-reliance, co-operation and camaraderie, the camp conscientized the students about the problems of rural regions of Goa. During the ten days camp of the students were engaged in several activities. Some of these activities are mentioned below: a) Survey of economic status of families in Kolem village; b) Survey of standard of living of quarry workers in Kolem; c) Construction of 100 mts. road in Kolem Farm; d) Preparing the soil for sugarcane plantation; e) Afforestation drive around Kolem farm.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of course in 1991-92

Sr.	Branch	Degree	Duration	No. of students		
				1st yr.	2nd yr.	3rd yr.
1.	Arts	B.A.	3 years	Boys	22	-
				Girls	29	-
2.	Commerce	<a href="#">B.Com.</a>	3 years honours.	Boys	40	-
				Girls	29	-

**Publications :** Nil

**Information about campus development, construction of new buildings, etc. :** Nil.

IIIrd place in volcanoes in All Goa Inter Collegiate Youth

**A-19. 'SARASWAT VIDYALAYA'S COLLEGE OF COMMERCE & MANAGEMENT STUDIES, Telang Nagar, Khorlim, Mapusa, Goa 403 507**

The College was established in July, 1991 to impart instructions in the approved subjects leading to [B.Com.](#) The college is run by Saraswat Vidyalyaya, Telang Nagar, Khorlim, Mapusa, Goa. Shri. B. G. Nayak is the Principal of the College.

**Teaching & Research Staff :**

Category	Full-time	Part-time
Permanent	01	05 (on lecture basis)
Probationary		
Temporary		

**Details about Teaching Staff :**

Principal : B. G. Nayak who is Lecturer 1., Economics, (02-12-1991 onwards).  
P. R. Nadkarni (Officiating Principal from 01-07-1991 to 01-12-1991).

Department	No. of Lecturers
Commerce	1 (on lecture basis)
Economics	1 (on lecture basis)
Mathematics & Statistics	1 (on lecture basis)
Accounts	1 (on lecture basis)
Geography	1 (on lecture basis)
English	1 (on lecture basis)

**Library :**

Total No. of Books	... 120
No. of Reference Book	... Nil
No. of text books	... 120
periodicals	No. of ... Nil
Academic journals	... Nil

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension work etc. :**

**Cultural Activities :** Students participated in Inter-Collegiate cultural activities and claimed following

III rd place in "Jubilations" an All Goa Inter-College Youth Festival organised by Govt. College of Arts, Science & Commerce Khandola.

Festival organised by V.N.S. Bandekar College, Mapusa, Goa. Mr. Pramod Mahadeshwar got a certificate



of merit for acting in Kale Academy One Act Play Competition.

**N.S.S. :** In all 45 volunteers completed 120 hours during the year. They undertook following projects :

- 1) Hospital work
- 2) Fund raising
- 3) Campus work
- 4) Health Centres
- 5) Coaching weaker students.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of course in 1991-92

1. Arts	B.A.	1st year
		Boys - 47
		Girls - 19
		Total - 66

**B-1. GOA MEDICAL COLLEGE,  
BAMBOLIM - GOA.**

The Goa Medical College is run by the Government of Goa. It was established in the year 1963. Dr. V. J. Monteiro is the Dean of the College.

**Hostel facilities :** There are 2 hostels available for girls and 3 hostels available for boys.

**Teaching and Research Staff :**

**a) DEPARTMENT OF MEDICINE**

1. Dr. C. P. Kapoor, M.D.  
Professor
2. Dr. N. G. Dubhashi, M.D.  
Associate Professor
3. Dr. (Mrs.) Lata Kamat, M.D.  
Associate Professor
4. Dr. S. Y. Natekar, M.D.  
Lecturer
5. Dr. Rufino Monteiro, M.D.  
Lecturer
6. Dr. Edwin Gomes, MBBS, M.D.  
Lecturer

**b) DEPARTMENT OF SURGERY**

1. Dr. W. K. Belokar, MS, FICS, M.Ch (Uro)  
Professor & Head
2. Dr. Vasco D'Silva, MS, FICS  
Associate Professor
3. Dr. Oswald De Sa, MS  
Associate Professor
4. Dr. A. N. Jadhav, M.S.  
Assistant Professor
5. Dr. D. P. Amonker, MS  
Assistant Professor
6. Dr. F. P. Noronha, MS  
Lecturer

**C) DEPARTMENT OF OBST. AND GYNAEC.**

1. Prof. M. N. Pal, MD, DGO, MNAMS, FICS  
Professor & Head
2. Dr. (Miss) D. N. Buhariwalla, MS  
Associate Professor
3. Dr. Prasad Nevrekar, M.D., DGO  
Associate Professor
4. Dr. (Mrs.) Milan Bhandare, MD, DGO  
Assistant Professor
5. Dr. (Mrs.) Anjali Kamat, MD, DGO  
Assistant Professor
6. Dr. Nimish V. Pillai, MD, DGO  
Lecturer
7. Dr. (Mrs.) Savita Chandra, MD, DGO  
Assistant Professor
8. Dr. (Mrs.) Manjusha Jindal, MD  
Medical Officer, Post Partum Programme
9. Dr. Prasad Lad, MBBS  
Research Medical Officer,  
Human Reproduction & Research Centre

10. Dr. Shantarann Surma, MBBS  
Research Medical Officer,  
Human Reproduction & Research Centre

**d) DEPARTMENT OF PAEDIATRICS**

1. Dr. H. B. Rao, MD  
Professor & Head
2. Dr. Philomena Pereira D'Souza, MD (Paediatrics)  
Assistant Professor
- 2.
3. Dr. Maria Piedade Rego Silveira,  
MD (Paediatrics), DCH  
Lecturer
4. Dr. Kiran P. Sawardekar, MD (Paediatrics), DCH  
Lecturer
5. Dr. Ameeta Mascarenhas, MD (Paediatrics)  
Sr. Resident
6. Dr. Muriel Sequeira, MD (Paediatrics),  
DCH (CPS)  
Sr. Resident
2. Dr. (Mrs.) Marilyn P. Nazareth, DA, MD
7. Dr. Sushma Dukle, MD (Paediatrics),  
DCH (CPS), DNB (Ped)  
Sr. Resident

**e) DEPARTMENT OF ORTHOPAEDIC SURGERY**

1. Dr. U. G. Nachinolcar, D.Ortho, MS, FACS,  
FICS  
Professor & Head
2. Dr. Carlos Barreto, MS Ortho  
Assistant Professor

**f) DEPARTMENT OF OPHTHALMOLOGY**

1. Dr. Pradeep G. Naik, MS (Ophth), DOMS (CPS),  
FICS Assistant Professor
2. Dr. Ugam P. S. Usgaonkar, MS, DOMS  
Lecturer

**g) DEPARTMENT OF E. N. T.**

1. Dr. C. P. Das, MS.(ENT)  
Assistant Professor

2. Dr. H. C. Goel, MS (ENT)  
Lecturer

3. Dr. Vasantha Herle, MS (ENT)  
Sr. Resident

**h) DEPARTMENT OF RADIOLOGY**

1. Dr. Mahesh G. Sardesai, MD, DMRD, DMRT  
Associate Professor  
  
Dr. Jeevan Vernakar, MD, MNAMS  
Assistant Professor
3. Dr. Sangann Kanekar, DNB  
Senior Resident
4. Dr. Sanjay Sardesai, MD, DNB  
Senior Resident

**i) DEPARTMENT OF ANESTHESIOLOGY**

1. Dr. Ramakant Nagesh Shetti, DA, MS, FIGS  
Professor & Head  
  
Assistant Professor
3. Dr. (Mrs.) Dalia D. Bhandare, DA, MD  
Assistant Professor
- 4: Dr. Sitaram V. Korgaonkar, DA, MD  
Lecturer
5. Dr. (Mrs.) Shaila Kamat, DA, MD,  
Diploma in Accupuncture  
Lecturer

**j) DEPARTMENT OF T. B. & CHEST DISEASES**

1. Dr. A. S. Bagga, MD, TDD  
Professor & Head
2. Dr. A. M. Mesquita, MD  
Associate Professor
3. Dr. D'urga Lawande, MD  
Assistant Professor
4. Dr. A. L. Da Costa, MD  
Lecturer

5. Mrs. Milan Saudagar, M.Sc. (Paly.)  
Palyologist

**k) DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE**

1. Dr. S. B. Dixit, MD, FIAPSM  
Professor & Head
2. Dr. R. K. Samal, MD, DNBE, CHE  
Associate Professor
3. Dr. A. M. Ferreira, MD, DNBE  
Lecturer
4. Harikumar P., M.Sc,  
Lecturer in Demography
5. Mr. Vidal D'Souza, M.A., DPE, DPH. Ed.  
Lecturer in Health Education
6. Dr. S. Priolkar, DPH, MD, DNBE, DHA  
Demonstrator in P. S. M.
7. Dr. Mrs. K. A. Quenim, MD, DCH  
Medical Officer ROME Programme
8. Mr. Agnelo Fernandes, M.A., DPH & H.  
Health Educator

**l) DEPARTMENT OF SKIN & V. D.**

1. Dr. V. L. Rege, D.V.D., M.D.  
Professor & Head
2. Dr. Marian Flora Mascarenhas, D.D.V.,  
Diplomat N.D.  
Lecturer in Skin & V. D.

**m) DEPARTMENT OF PATHOLOGY**

1. Dr. Suzette Menezes, Medico Cirurgiao (Goa),  
MD (Path & Bact)  
Professor & Head
2. Dr. Nisha S. Nadkarni, MD (Path & Bact)  
Associate Professor
3. Dr. Roque G. W. Pinto, MD (Pathology)  
Assistant Professor

4. Dr. M. VI Mallya, MD (Pathology)  
Lecturer

5. Dr. Avril Dias, MD (Pathology)  
Lecturer
6. Dr. Francisco Couto, MD (Pathology)  
Lecturer
7. Dr. Shubhangi Tambwekar, MD (Pathology)  
Demonstrator
8. Dr. Mohan P. Raikar, MD (Pathology)  
Demonstrator
9. Dr. Marlon O. Pereira, MD (Pathology)  
Demonstrator
10. Dr. Premila D'Souza, MD (Pathology)  
Resident Pathologist

**n) DEPARTMENT OF BIOCHEMISTRY**

1. Dr. Shanti Pannani, MD  
Professor
2. Dr. S. Chakrabarti, MD  
Associate Professor
3. Dr. Mrs. P. P. Nadkarni, MBBS  
Demonstrator
4. Dr. Mrs. Asha A. Naik, MBBS  
Demonstrator
5. Dr. B. R. Shah, MBBS  
Demonstrator

**o) DEPARTMENT OF PHYSIOLOGY**

1. Dr. J. F. Mascarenhas, MBBS, M.Sc. (Med.)  
Professor
2. Dr. R. A. Dhume, Medico-Cirurgiao, MD, FAMS  
Associate Professor
3. Dr. M. E. Abraham, MD  
Assistant Professor
4. Dr. A. S. Borker, MD  
Assistant Professor
5. Dr. V. K. Mulgaonkar, MD  
Lecturer

6. Dr. F. Monteiro, MD  
Lecturer

7. Dr. A. Noronha, MD  
Demonstrator

**p) DEPARTMENT OF FORENSIC MEDICINE**

1. Dr. B. N. Reddy, M.D., D.F.M. (Forensic Med.)  
Professor
2. Dr. P. S. Audi, Mecjico-Cirurgiao, M.D. (Path & Bact.), D.P.B. (C.P,S.), M.D. Forensic Medicine)  
Assistant Prdfessor
3. Dr. M. S. Usgaonkar, M.D., D.F.M.  
(Forensic Medicine)  
Lecturer
4. Dr. E. Rodriguese, M.D. Forensic Medicine  
Demonstrator

**q) DEPARTMENT OF MICROBIOLOGY**

1. Dr. Inderjit Singh, M.D. (Micro)  
Professor & Head
2. Dr. M. P. Verenkar, MD (Path & Bact)  
Associate Professor
3. Dr. Savio Rodriguese, MD (Micro)  
Assistant Professor
4. Dr. V. A. Naik, M.D. (Micro)  
Demonstrator
5. Dr. N. V. Kharangate, M.D. (Micro)  
Demonstrator
6. Dr. Jose W. Pinto, MD (Micro)  
Demonstrator
7. Dr. A. Korgaonkar, MBBS  
P. G. Student
8. Dr. Kavita Kamath, MBBS  
P. G. Student
9. Dr. Ranjani Narayan, MBBS  
P. G. Student
10. Dr. Ramona D'Souza, MBBS  
P. G. Student
1. Dr. V. G. Dhume, MD

**r) DEPARTMENT OF PHARMACOLOGY**

- Professor
2. Dr. N. V. Agshikar, MD (Pharmacology)  
Associate Professor
  3. Dr. (Mrs.) R. S. Diniz D'Souza, MD  
(Pharmacology) Assistant  
Professor
  4. Dr. (Mrs.) S. S. Hede, MD (Pharmacology)  
Lecturer
  5. Dr. J. S. C. Pereira, MD (Pharmacology)  
Lecturer
  6. Dr. (Mrs.) S. A. B<sup>h</sup>ounsule, MD (Pharmacology)  
Demonstrator
  7. Dr. (Mrs.) P. N. Bhandare, DGO, MD  
Demonstrator
  8. Dr. P. V. Rataboli, MD (Pharmacology)  
Demonstrator
  9. Mr. V. R. Naik, M.Pharm  
Senior Pharmaceutical Chemist

**s) DEPARTMENT OF ANATOMY**

1. Dr. G. J. Bhandari, MBBS (Born), M.Sc. (Med.)  
Professor
2. Dr. R. B. Desai, Medical Surgeon (Goa),  
Lic. in Med. (Portugal), M.Sc.  
Assistant Professor
3. Dr. A. V. Mainker, MS  
Assistant Professor
4. Dr. (Mrs.) M. V. Bargi, MS  
Lecturer
5. Dr. (Mrs.) A. A. Nagarsenkar, MS  
Lecturer
6. Dr. (Mrs.) U. P. Bhate, MS  
Demonstrator
7. Dr. P. R. Pal, MS  
Demonstrator

8. Dr. (Mrs.) M. P. Dias, MS  
Demonstrator

9. Dr. (Mrs.) R. N. Dubhashi, MS  
Demonstrator

10. Dr. P. E. Natekar, MS  
Demonstrator

#### Details of Research Students :

##### a) DEPARTMENT OF MEDICINE

Name of the teacher	No. of students
	Full-time
1. Dr. C. P. Kapoor	2 + 2
2. Dr. N. G. Dubhashi	2 + 2
3. Dr. (Mrs.) Lata Kamat	2 + 1
4. Dr. S. Y. Natekar	1

The following students have completed their Master dissertation

i) Dr. Vinay Priolkar, ii) Dr. Rama Bhat,  
iii) Dr. Neville Alberto, iv) Dr. Mahesh Amonkar

##### b) DEPARTMENT OF SURGERY

Name of the teacher	No. of students
	Full-time
1. Dr. W. K. Belokar	3
2. Dr. Vasco D'Silva	3
3. Dr. Oswald De Sa	4
4. Dr. A. N. Jadhav	2g)

##### DEPARTMENT OF RADIOLOGY

Dr. Celso Dias has passed MS in July, 1992 and Dr. Prashant Lawande have passed MS in January, 1992 on the topic Single Dose Antimicrobial Prophylaxis of Surgical Wound infection.

##### c) DEPARTMENT OF OBST. & GYNAEC.

Name of the teacher	No. of students
	Full-time
Prof. M. N. Pal	4
Dr. D. N. Buhariwalla	3
Dr. Prasad Nevrekar	3
Dr. Milan Bhandare	2

##### d) DEPARTMENT OF PAEDIATRICS

Name of the teacher	No. of students
	Full-time
Dr. H. B. Rao	4
Dr. P. Pereira	1

Following students have completed their Master Dissertation :

1. Dr. Sparsh Kapur "Screening testg for Bacterial etiology in infantile Diarrhoes". Dissertation accepted in November, 1991. Guide was Professor H. B. Rao.

2. Dr. Sucheta Sardesai - Submitted a dissertation entitled "Intermittent Short Term Chemotherapy for Tuberculosis". Accepted in May, 1992.

3. Dr. Beryl Marian Antao - "Aetiopathogenesis of PEM in Goa".

4. Dr. Swati S. Naik - "Typhoid Fever in Paediatrics Clinical & Microbiological Profile".

5. Dr. Varsha Naik - "Intestinal Helminthiasis and Eosinophilia in Infants attending Immunization Clinic".

##### d) DEPARTMENT OF ORTHOPAEDIC SURGERY

Name of the teacher	No. of students
Dr. U. G. Nachinolcar	6

##### e) DEPARTMENT OF OPHTHALMOLOGY

Name of the teacher	No. of students
	Full-time
Dr. Pradeep G. Naik	5

##### f) DEPARTMENT OF E. N. T. : Nil

Name of the teacher	No. of students
	Full-time
- Dr. Mahesh G. Sardessai	12

##### i) DEPARTMENT OF ANESTHESIOLOGY

Name of the teacher	No. of students
	Full-time
Dr. R. N. Shetti	9
Dr. (Mrs.) Marilyn P. Nazareth	7

Following are the successful students in the Masters Examinations (Anaesthesiology) 1991-92

##### M. D. (Anaesthesiology) :

1. Dr. Deepa Kunde	2. Dr. Nita George
3. Dr. Clara Barreto	4. Dr. Shirley D'Souza

**D. A. (Anaesthesiology) :**

1. Dr. Prashant Kakodkar      2. Dr. Smita Hoskote

**j) DEPARTMENT OF T. B. & CHEST DISEASES**

Name of the teacher	No. of students
	Full-time
Dr. A. S. Bagga	2
Dr. A. M. Mesquita	2

Dr. Lalita Fernandes and Dr. Ivona Martis have completed their Masters Dissertation. Dr. Cherylann Zuzarte has been declared successful. in the Masters examination.

**k) DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE**

Name of the teacher	No. of students
	Full-time
Prof. S. B. Dixit	MD-3
	DPH-5

**l) DEPARTMENT OF SKIN & V. D.**

Name of the teacher	No. of students
	Full-time
Dr. V. L. Rege	3

**m) DEPARTMENT OF PATHOLOGY**

**p) DEPARTMENT OF FORENSIC MEDICINE**

Name of the teacher	No. of students
	Full-time
Dr. Suzette Menezes	2
Dr. Nisha S. Nadkarni	4

Following students had been declared successful in Master's Examination i.e. (M.D. Pathology) :

1. Dr. Premila D'Souza, January, 1992;
2. Dr. Shubhangi Tambwekar, July, 1992.

**n) DEPARTMENT OF BIOCHEMISTRY**

Name of the teacher	No. of students
	Full-time
Dr. S. Pamnani	4

**o) DEPARTMENT OF PHYSIOLOGY**

Name of the teacher	No. of students
	Full-time
Dr. J. F. Mascarenhas	1
Dr. M. E. Abraham	1
Dr. A. S. Borker	1

Dr. Prema Venkatesh guided by Dr. J. F. Mascarenhas successfully completed M.D. Physiology course and examination from Goa University in July, 1991.

Name of the teacher	No. of students
	Full-time
Dr. B. N. Reddy	2
Dr. P. S. Audi	1
Dr. M. S. Usgaonkar	2

**q) DEPARTMENT OF MICROBIOLOGY**

FolioWing students have completed their thesis:

Name of the teacher	No. of students
	Full-time
Dr. Inderjit Singh	2
Dr. M. P. Verenkar	3

Dr. Padamjit Singh: The Study of Cholera in Goa over a three year period;

Dr. Nora Noronha: Etiology of Paediatric diarrhoea with special reference to Escherchia Coli.

Following students have been declared successful in M.D. Examination : Dr. Padamjit Singh & Dr. Nora Noronha.

**r) DEPARTMENT OF PHARMACOLOGY**

Name of the teacher	No. of students
	Full-time
Dr. V. G. Dhume	1
Dr. N. V. Agshikar	1

**s) DEPARTMENT OF ANATOMY': Nil**

Two students of M.S. Anatomy by paper and Dissertation have been declared pass in August, 1992.

**Library :**

Total No. of books - 12319; Reference books - 300; Journals subscribed for 1992 (Rs. 829939/-) -96; Back Volumes - 9615.

## Research Projects :

### a) DEPARTMENT OF MEDICINE

Epidemic of viral encephalitis in Goa.

### b) DEPARTMENT OF SURGERY

1. Diabetic Foot: Conservative & Operative Approach
2. Diagnostic Aids & Clinical Correlation in Peritonitis
3. Laparoscopic evaluation of Intra-Abdominal **malignancy**
4. Clinico Pathological study of carcinoma penis
5. Bile Culture Sensitivity And Gall Stone Analysis in patients with Cholelithiasis.
6. Gastric Outlet Obstruction Clinicopathological study.
7. Clinicopathology of Salivary tumours.
8. Blunt Abdominal Trauma (Early Diagnosis - Tap V/s Ultrasound.)
9. Stones in Kidney and Ureters with study (Clinico pathological study)
10. Ac. Pancreatitis - Apache-II Scoring.
11. Carcinoma of Breast-Clinico pathological studies.

### c) DEPARTMENT OF OBST. & GYNAEC.

1. Review of cervical encirclage (100. cases) by Dr. Arnold Fernandes under the guidance of Dr. (Mrs.) E. Dias in July, 1991.
2. Review of 140 cases of Pre-eclampsia by Dr. Jyoti Anand under the guidance of Dr. (Mrs.) Milan Bhandare in July, 1991.
3. Review of twin pregnancy (70 cases) by Dr. Vrinda Harite under the guidance of Prof. M. N. Pal in Jan. '92.
4. Elective Induction of Labour by Dr. Mini Chacko under the guidance of Prof. M. N. Pal in Jan. '92.

**Research Projects completed by HUMAN REPRODUCTION & RESEARCH CENTRE :** 1. Qualitative Evaluation of Mental & Child Services at P.H.C. level. Research Director - Prof. M. N. Pal. Research Assistants - Dr. Shantaram Surma, Research Medical Officer. Miss Shaila D'Souza, Social Scientist.

### d) DEPARTMENT OF PAEDIATRICS

1. Dr. H. B. Rao - Professor & Head, Department of Paediatrics. Symposium on Rational Drug Therapy with faculty from Christian Medical College, held on 31.3.92 to 1.4.92.
2. Dr. Philomena Pereira D'Souza - Asstt. Prof. Dept. of Paediatrics, participated in the following
  - a. Neonatal Update as part of a C.M.E. on 25.8.91.
  - b. 1st International Hospice Conference, Bombay, October, 1991.
  - c. Leukaemia Lymphoma Update - November, 1991.
  - d. Brachytherapy Update - Tata Memorial Hospital, February, 1992.
  - e. Hematology Update - Sion Hospital, Bombay, Feb. '92.
  - f. Rational Drug Therapy Seminar - March-April, 1992.
3. Dr. M. P. Silveira- Lecturer- Department of Paediatrics.
  - a. Neonatal Update 1991 organised by Goa Association of Paediatricians on 25.8.91.
  - b. Satellite Conference - 1st International Conference at Hospice - 5.11.92.
  - c. Seminar on Liver Disorders and Chronic Diarrhoeas in Children by Dr. Anand Pandit organised by Goa Association of Paediatricians 16.2.92.
  - d. Rational Drug Therapy - seminar - March-April, 1992.
  - e. C.M.E. Paediatric Neurology - Manipal Hospital 1.5.92 to 3.5.92.
  - f. Workshop on Neonatal Advances Life Support - NAL 10.5.92.
  - g. C.M.E. on Paediatric Nephrology - 5.7.92 Dr. Kumud Mehta,
4. Dr. Kiran P. Sawardekar - Lecturer - Department of Paediatrics.
  - a. Annual Neonatology Convention at Trivandrum, Kerala, between 20-23 February.
  - b. Neonatal Update 1991 organised by Goa Association of Paediatricians on 25.8.91.
  - c. Seminar on Liver Disorders and Chronic Diarrhoeas in Children by Dr. Anand Pandit - organised by Goa Association of Paediatricians - 16.2.92.
  - d. Rational Drug Therapy - Seminar - March-April, 1992.

e) **DEPARTMENT OF ORTHOPAEDIC SURGERY:** Nil

f) **DEPARTMENT OF OPHTHALMOLOGY :** Nil

g) **DEPARTMENT OF E. N. T.:** Nil

h) **DEPARTMENT OF RADIOLOGY:** Nil

**I) DEPARTMENT OF ANESTHESIOLOGY**

- a. Evaluation of Intrathecal Buprenorphine.
- b. Evaluation of Intramuscular Buprenorphine.
- c. Intra Occular Pressure.under various muscle relaxants.
- d. Use of Nitro Glycerine for reducing vagal inhibition.
- e. Incidence of post spinal Headache.
- f. Evaluation of Eskazine.
- g. Evaluation of Vecuronium as Muscle Relaxants.
- h. C.M.E. conducted in collaboration with Goa Branch of I.S.A.

**j) DEPARTMENT OF T. B. & CHEST**

1. Cashew Pollen Allergy in patients of Bronchial Astma.
2. Sr. Zinc levels in Pulmonary Tuberculosis.
3. Incidence of Diabetes in cases of Pulmonary Tuberculosis.

**k) DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE**

1. Socio-Medical Study of slum dwellers of Panjim city by Dr. A. D'Souza under the guidance of Prof. S. B. Dixit in July '91.
2. Prevalence of Helminthic infestation in a rural community of Goa by Dr. K. A. Quenim under the guidance of Prof. S. B. Dikit in January 1992.  
Participated in a Seminar on Leprosy-Update organised by Goa Medical College in collaboration with the Directorate of Health Services and Hindustan Ciba Geigy, on 12.10.91.

**I) DEPARTMENT OF SKIN & V. D.**

1. Comprehensive Leprosy Care Project, Reconstructive Surgery at G.M.C. on 24th & 25th Feb. '92 in collaboration with Ciba Geigy Foundation and Directorate of Health Services.
2. Lectures delivered for training in Leprosy to DHS, Medical Officers on 23.3.92. •
3. 'Acrokeratosis Verruciformis of Hope - IJDVL in

April, 1992 sent for publication.

**m) DEPARTMENT OF PATHOLOGY**

1. "Fine Needle Aspiration Cytology of the Breast and its histopathological Co-relation".
2. "Clinicopathological co-relation in Megaloblastic Anemia and Dimorphic Anemia with Predominant megaloblastic component."

**n) DEPARTMENT OF BIOCHEMISTRY**

1. Biochemical Profile of trained and untrained subjects after controlled exercises.
2. Studies on the effects of under nutrition on protein phosphorylation in developing rat brain.

The Project was financed by Rossul Scientific Institute, India.

**o) DEPARTMENT OF PHYSIOLOGY**

1. Differential Role of ovarian hormones for taste preference in rats.
2. Effect of interaction between glucose or sodium chloride injection and ovarian hormones on some endocrine organs in rats.
3. Role of caudate nucleus on modulation of cardiocascular functions.
4. Effect of intensity and duration of stress on male sexual behaviour in rats.
5. Sources of stress and coping abilities in preclinical students.
6. Effect of stress on organ weights in rats.

**p) DEPARTMENT OF FORENSIC MEDICINE : Nil**

**q) DEPARTMENT OF MICROBIOLOGY**

1. MIC studies for drug resistant Salmonella.
2. HIV, Hepatitis B & VDRL status of prostitutes in Goa.
3. Study of Tuberculosis for smear & Culture using fine needle aspiration technique.
4. HIV status of cases of bilateral extensive pulmonary tuberculosis.
5. Seninel Surveillance of HIV-an ICMR Programme.

Seminars - 1. Interleukins; 2. Normal throat flora; 3. Bacterial cell wall; 4. Rapid methods for Laboratory diagnosis.

Workshop: 1. Rational use of antibiotics.



## r) DEPARTMENT OF PHARMACOLOGY

1. The department is one of the Centres for an on-going National Project on 'Development of Potential Drugs from the Ocean'.
2. The Department holds monthly seminars meant for the staff and post-graduate students of the Departments.

## s) DEPARTMENT OF ANATOMY : Nil

### N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works etc. :

**Sports :** Ground facilities : 1. One Basket Ball Ground; 2. One Volley Ball Ground; 3. Two outdoor Badminton Courts; 4. Two T.T. Tables; 5. Grounds for Football, Hockey are under construction.

College is conducting and sending team to represent Goa Medical College in University tournaments like - Table Tennis (M&W); Badminton (M&W); Chess (M&W); Basket Ball (M&W); Volley Ball (M&W); Swimming (M&W); Football, Hockey, Cross Country, Cycling, Best Phy., Weight lifting & power lifting.

### Results of the college, percentage-wise, in respect of the final year University examination :

#### April '91

	<i>No. of students appeared</i>		<i>No. of students passed</i>		%
	Boys	Girls	Boys	Girls	
I MBBS	12	5	8	4	70.58
II MBBS	31	23	28	23	94.44
III MBBS	14	12	5	10	57.69
M. D.	9	10	8	9	89.47
M. S.	3	1	2	1	75.00

#### October '91

	<i>No. of students appeared</i>		<i>No. of students passed</i>		%
	Boys	Girls	Boys	Girls	
I MBBS	43	28	35	26	85.91
II MBBS	11	6	7	6	76.47
III MBBS	34	33	22	27	73.13
M. D.	5	11	4	11	93.75
M. S.	6		4		66.66
Diploma	3	6	3	3	66.66
<b>I MBBS</b>	12	3	6	1	46.66

#### April '92

	<i>No. of students appeared</i>		<i>No. of students passed</i>		
	Boys	Girls	Boys	Girls	
II MBBS	28	27	23	24	85.45
III MBBS	23	12	9	6	42.85
<b>M. D.</b>	5	4	3	3	66.66
<b>M. S.</b>	6	1	6	1	100%
Diplomas	1	3	1	3	100%

### Publications :

#### a) DEPARTMENT OF MEDICINE : Nil

#### b) DEPARTMENT OF SURGERY: Nil

#### c) DEPARTMENT OF OBST. AND GYNAEC.

1. Dr. M. N. Pal, Director (ICMR) published a Monogram on Task Force study conducted by the ICMR, Delhi on report on multi-centric Qualitative Evaluation of MCH care at Primary Health Centre Levels.

2. Squamous cell carcinoma in Dermoid (case report) by Dr. (Mrs.) Anjali Kanlat and Prof. M. N. **Pal** on Indian Journal of Obst. & Gynaecology in April, 1992.

#### d) DEPARTMENT OF PAEDIATRICS : Nil

#### e) DEPARTMENT OF ORTHOPAEDIC SURGERY

1. Dynamic Knee - Elbow Splint.  
Indian Journal of Physical Medicine & Rehabilitation  
Volume 4 - April, 1991 - p. 25.

2. Surgical Management of Resistant Tennis elbow  
Read at Indian Orthopaedic Surgery - Conference at Madras.

#### f) DEPARTMENT OF OPHTHALMOLOGY : Nil

#### 'g) DEPARTMENT OF E. N. T.: Nil

#### h) DEPARTMENT OF RADIOLOGY Nil

#### j) DEPARTMENT OF T. B. & CHEST DISEASES : Nil

#### k) DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE

1. A study of Indoor-patient opinion for assessment of level of satisfaction with services provided at Goa Medical College Hospital.

2. IADS : Share the Challenge.

3. Prevalence of Hypertension in Semi-Urban population of Goa.

4. Analysis of Goa's Demography.

5. Maternal determinants of birth weight.

6. Knowledge of Oral Rehydration Therapy among patients attending a Rural Medical Dispensary.

#### **I) DEPARTMENT OF SKIN & V. D.:**

1. Phenytoin Induced Pseudolymphoma Syndrome - in Indian Journal of Dermatology, Venereology & Leprology - on **10th** Dec. '1991.

#### **m) DEPARTMENT OF PATHOLOGY:**

1. Nadkarni N. S. and Rege V. L. et al : "Phenytoin Induced Pseudolymphoma Syndrome" Indian Journal of Venerology and Leprology 1991 No. 57, Pages 185-187.

2. Nadkarni Nisha: "Biopsy Review" - published in Souvenir of )XXVII Annual Conference of International College of Surgeons.

3. Nadkarni N. S. et al : Intestinal obstruction Secondary of Metastatic Carcinoma of Cestux - As unusual presentation" Journal of Obst. Gynaec. India. Dec., 1991; Vol. VI No. 6 pages 834-835.

#### **o) DEPARTMENT OF PHYSIOLOGY:**

1. Effect of Mid. dorsal Caudate Nucleus on Conditioning for Pain stimulus in Rats. Ind. J. Physiol. Pharmac. 35 (10, pp. 61-64 January, 1991.)

2. Role of Acetylcholine and Dopamine in Dorsal Hippocampus on Hoarding Behaviour in Rats. Ind. J. Physiol Pharmac. 35(1); pp. 71-73; Jan. 1991.

3. A comparative study of the Driving of Dextroamphetamine and Yogic meditation on Muscle control for the performance of Balance on Balance Board, Indian J. Physiol Pharmacol. 35 (3) **191-194**; July 1991. **q) DEPARTMENT OF MICROBIOLOGY**

#### **p) DEPARTMENT OF FORENSIC MEDICINE:**

Sexual Offenses in investigation and prosecution : Partly published in GOA POST.

1. M. P. Verenkar, Wiseman Pinto, M. J. Rodrigues S., Singh I nderjit, Rege V. L., Tinea capitis due totrichophyton schoenleinii. Journal of Pathology & Microbiology Vol. 34 No. 4, 299-301, 1991.

2. Verenkar M. P., Pinto Wiseman M. J., Rodrigues S., Singh Inderjit. Clinicomicrobiological study of dermatophytosis. Journal of Pathology & Microbiology Vol. 34 No. 3 July, 1991.

3. HIV infection in pregnant women in Goa. Dr. Mangala Verenkar, Dr. Savio Rodriguese, Dr. Inderjit Singh. Carccalling Vol. 4, No. 2, April-June, 1991.

4. HIV seropositivity in blood donors in Goa India. Dr. Mangala Verenkar, Dr. Savio Rodriguese, Dr. Inderjit Singh. Virus information exchange Newsletter Vol. 8, No. 3, Sept. 1991.

5. Sallmonellosis in Goa. Dr. (Mrs.) M. P. Verenkar, Dr. V. A. Naik, Dr. S. Rodriguese, Dr. Inderjit Singh, J. Path & Bact., April-1992.

#### **r) DEPARTMENT OF PHARMACOLOGY**

1 Bhandare, P. N., Rataboli P.V. and Diniz D'Souza R.S. (1991). Dual action of clonidine on ethanol-induced gastric lesions: is the imidazoline - preferring receptor involved? European J. Pharmacology, 199, 243-245.

2. Hede S. S., Diniz R. S., Agshikar N. V. and Dhume V. G. (1991) Learning habits among medical students. Indian J Pharmac. 23, 123-125.

3. Diniz D'Souza, R. S. and Dhume V. G. (1991) Gastric cytoprotection. Indian J Physiol Pharmacol, 35/2, 88-98 (Invited review).

4. An analysis of written examination in Pharmacology with respect to content areas. Indian J Pharmac, 23, 164-167.

5. Rataboli, P.V.; Bhandare, P.N.; Diniz D'Souza, **R. S.** and Dhume, V. G. (1992) (Jan 1992) protective effect

of propranolol on ethanol-induced gastric lesions in rats: probable mechanism of action. *Indian J Physiol Pharmacol*, 36(1), 35-38.

6. Bhandare, P. N.; Rataboli, P. V.; Diniz D'Souza, R. S. and Dhume, V. G. (1992) (appeared in April 1992 issue which came in July, 1992).

Aggravating action of hydralazine on ethanol-induced gastric lesions. *Indian J Physiol Pharmacol*, 36/2, 130-132.

### s) DEPARTMENT OF ANATOMY: Nil

**Campus Development :** For the year under review, progress has been our hallmark both in academic and administrative fields. Admissions to undergraduate and post-graduate courses were completed in scheduled time except in respect of seats (both in undergraduate and postgraduate) reserved for candidates qualifying at the All India Entrance Examination, 1991, where belated admissions were considered with the clear understanding that admitted candidates will be required to keep an additional term.

For the first time in the history of Goa Medical College, the Medical Council of India has recommended to the Government of India to include the following post-graduate degrees, awarded by Goa University and earlier by the Bombay University for candidates trained at Goa Medical College, in the First Schedule of M.C.I. Act, 1956. The specialities recommended are **M.D.** General Medicine, **M.D.** Pediatrics, M.D. Anaesthesiology, M.D. Pathology, M.S. General Surgery and M.S. Orthopaedic Surgery.

The College was also sanctioned permission to start Diploma in Child Health (D.C.H.) limiting the number of admissions to four students per year. The Vice-Chancellor of Goa University was considerate in allowing admissions of four students to D.C.H. pending final approval of the course by the Affiliation Inquiry Committee of the University. Efforts are directed to see that Diploma in Obst. & Gynaecology (D.G.O.) can be started at the earliest.

The post-graduate training programmes in various specialities are conducted satisfactorily. Research work, supported by I.C.M.R. and other Agencies, showed satisfactory progress.

The students of Goa Medical College find time from their academic pursuits to participate in extra-curricular activities as they believe that the body and mind must stay

tuned to its highest potential in order to excel in studies. The academicians and the University authorities have realised that the final MBBS students are exhausted at the end of a long ordeal of appearing in 8 papers and 5 practical examinations stretched over a period of one month or more. The Goa University has played its part to reduce the burden of final year student by introducing "Semester system" of examination. It is now left for the students to show their peak performance in these examinations. The College has realised its long cherished dream at the end of two decades. The Administrative Wing, the Central Library and some major clinical departments were re-allocated in their new premises in the Rajiv Gandhi Memorial Complex. A 9' Bronze statue of our Late Prime Minister Shri Rajiv Gandhi overlooks the serene surroundings of this complex. A modern 330 bed hospital with newer facilities has commenced from 31-5-1992. It has attached to it the most enviable equipment in the form of a Power Laundry and a Kitchen for steam cooking. The OPD facilities of this hospital are open to the general public presently on limited basis. The Casualty is equipped to handle emergencies in most specialities and has attached to it four modern centrally airconditioned operation theatres. The Resident Doctors of Goa Medical College are provided with comfortable accommodation with attached recreational facilities.

### B-2. GOA COLLEGE OF PHARMACY, PANAJI-GOA.

The College was established in the year 1963. It is managed by the Government of Goa to impart instruction in the subjects leading to B.Pharm. degree. Post graduate degree and diploma courses are also conducted by the College. Prof. J. Emmanuel who is also Professor of Technology is the Principal of the College. Hostel facilities are provided for girls and boys of the college.

#### Teaching and research staff :

1. Prof. J. Emmanuel, B.Sc., M.Pharm.  
Professor & Acting Principal
2. Dr. R. V. Gaitonde, M.Pharm., Ph.D.  
Professor
3. Dr. R. V. Tamba, M.Sc., Ph.D.  
Asstt. Professor
4. Shri R. G. Bhatkar, M.Pharm., M.S.  
Asstt. Professor

5. Dr. B. Satyanath, M.Pharm, Ph.D.  
Asstt. Professor
6. Shri S. G. Bale, B.Sc. (Tech), B.Sc. (Hons)  
Lecturer
7. Shri S. D. Phadnis, M.Pharm  
Lecturer
8. Shri K. Satyanarayana, M.Pharm.  
Lecturer
9. Shri D. M. Shingbal, M.Pharm.  
Lecturer
10. Shri S. S. Amonkar, B.Sc., M.Pharm  
Lecturer
11. Shri M. G. Pai, M.Pharm.  
Lecturer
12. Smt. M. P. Bhohe, M.Pharm.  
Lecturer
13. Shri R. V. Keny, M.Pharm.  
Lecturer
14. Shri A. Menezes, M.Pharm  
Lecturer
15. Smt. M. H. S. Godinho, M.Pharm.  
Lecturer
16. Kum. L. Almeida, M.Pharm.  
Lecturer

**Details of Research/Master students :** Nil

**Library :** Total No. of text books & reference books - 4006, Periodicals - 06; Journals - 35.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of degree in 1991-92  
course

		1st	2nd	3rd	4th
1. Pharmacy (Technology)	B.Pharm.	4 years			
	Boys	11	9	20	9
	Girls	18	16	15	15
	Total	29	25	35	24

Results of the College percentage-wise :

- March/April, 1991 - 81%
- July, 1991 (Supplementary) - 83.3%
- March/April, 1992 - 75%

### B-3. COLLEGE OF ENGINEERING, GOA FARMAGUDI-GOA.

The College was established in 1967. It is managed by the Government of Goa to impart instruction in the approved subjects leading to the degree of Bachelor of Engineering (B.E.) in Civil, Mechanical, Electrical, Electronics and Tele-Communications branches. Shri G. K. Pacholi is the Principal of the College. The Institute has 4 boys and 1 girls Hostel, each looked after by a Hostel Superintendent and adequate subordinate staff. The students capacities are 120, 120, 112, 120 & 90 respectively. Students have been actively participating in the hostel affairs. Each of the hostels have elected representatives in the form of General Secretary, Hostel mess Secretary and wing prefects. Hostels, 11, 111 & IV and Girls Hostel have messes run on no profit no loss basis by the students & are assisted by one mess superior each.

Teaching and Research staff :

1. Prof. G. K. Pacholi, BE (Hons),  
Dr. Tech. (Budapest), F.I.E. (India)  
Professor
2. Dr. R. L. Shanbhag, ME (Mech), Ph.D  
Professor
3. Dr. B. L. N. Sastry, B.E. (Mech), M.Sc. (Engg.),  
Ph.D. Professor
4. Prof. U. M. Prabhudesai, ME (M)  
Workshop Superintendent
5. Prof. C. S. Hadinnani, Me (Mech)  
Asstt. Professor
6. Prof. A. R. Naik, BE (Mech), M.Tech (Mech)  
Asstt. Professor

7. Prof. A. M. K. Poduval, (Mech) Thermal.,  
M.Sc. Engg  
Asstt. Professor

8. Prof. Uday Amonkar, B.E. (Mech), M.E. (I.E.)  
Asstt. Professor

9. Prof. A. D. Telang, B.E. (Hons), Mech., M.Tech.  
(Desig. Engg.)  
Asstt. Professor

10. Shri J. J. Goliwadekar, B.Sc., B.E. (Mech),  
M.Tech. (Prod. Engg.) Lecturer  
in Mech. Engg.

11. Prof. M. G. Kulkarni, M.Sc. (Chemistry)  
Lecturer in Chemistry

12. Prof. M. H. Dani, M.E. (M)  
Lecturer

13. Prof. D. V. Shirodkar, M.E. (M)  
Workshop Superintendent

14. Prof. V. Mariappan, M.E. (M)  
Lecturer in Mech. Engg.

15. Prof. George Easaw, M.E. (M)  
Lecturer in Mech. Engg.

16. Prof. Pradip Bhandikar, M.E. (M)  
Lecturer in Mech. Engg.

17. Prof. A. A. Siddiqui, B.Sc. Engg. (M)  
Lecturer in Mech. Engg.

#### **Staff of Electrical Engineering Department**

1. Dr. R. T. Bhagwat, M.E. (E), Ph.D. (I.I.T. Bombay)  
Professor & Head of the  
Elect. Engg. Department

2. Dr. K. R. Pai, B.E. (E), M.E. (Physical Engg.),  
Ph.D. (I.I.T. Bombay) Asstt.  
Professor in Elect. Engg.

3. Smt. Jyotsan Kemal, M.E. (E)  
Asstt. Prof. in Elect. Engg.

4. Shri Varughese K. Joseph, B.E. (Elect. Power)  
Asstt. Prof. in Elect. Engg.

5. Shri Vinayak N. Shet, B.E. (Elect)  
Lecturer in Elect. Engineering

6. Mrs. Jaimel Thomas, M.Tech.  
Lecturer in Elect. Engineering

7. Shri Govind R. Kunkolienkar, B.E. (Elect)  
Lecturer in Elect. Engineering

8. Mrs. T. Krishna Kumari, B.Tech.  
Lecturer in Elect. Engineering

9. Mrs. Chhanda Pathak, B.E.  
Lecturer in Elect. Engg.

10. Shri Dayanand N. Habbu, M.Sc., M.Tech.  
(I.I.Sc. Bangalore)  
Lecturer in Physics

11. Mrs. FilomenaA. Rodriguese, B.A. (Eng./French)  
Bombay; M.A. (Eng./Aesthetics) Bombay;  
B.Ed. (Eng./French) Bombay  
Lecturer in Communication Skills (English)

#### **Staff of ETC Department**

1. Dr. K. J. Khatwani, ME., Ph.D.  
Prof. & Head of the Dept.

2. Shri P. Raja, M.E. (Comm. Sys)  
Asstt. Professor

3. Shri Paresh P. Asonodkar, B.E. (E & T.C.)  
Lecturer

4. Shri K. G. Bendre, B.E. (E & T.C.)  
Lecturer

5. Shri G. R. Sardesai, B.E. (E & T.C.)  
Lecturer

#### **Staff of Computer Engineering Department**

1. Dr. R. P. Adgaonkar, B.E., M.Tech., Ph.D.  
Professor & Head of  
Computer Engg. Dept.

2. Shri S. A. Bakal, B.E. (Electronics &  
Telecommunication) Lecturer in  
Computer Engg. Dept.

3. Shri Laximanarayana J. A., B.E.  
(Computer Science & Engineering)  
Lecturer in Computer Engg. Department

4. Shri Unnesh Bapat A., B.E.  
(Computer Science & Engg.)  
Lecturer in Computer Engg. Dept.
5. Shri Pradosh R. Desai, B.E. (Electronics & Telecommunication);  
Master of Management Studies (M.M.S.)  
Lecturer in Computer Engg. Dept.

#### Staff of Workshop Section GEC

1. Prof. U. M. Prabhudesai, M.E. (Mech)  
Workshop Supdt.
2. Prof. D. V. Shirodkar, B.E. (Mech), M.E.  
(Industrial)  
Asstt. Workshop Supdt.

#### Details of Research/Master students :

Name of the Research Guid	No. of students Semester	
	Part-time	
Dr. B. L. N. Sastry	05	Sem I
	05	Sem II
	06	Project: Senn V

#### Following students have completed their Dissertation

Guide	Name of the student
Dr. B. L. N. Sastry	Shri D. V. Shirodkar

#### Following is the list of students who have passed out :

1. Shri M. H. Dani
2. Shri Raghuraman
3. Shri S. Acharya
4. Shri C. S. Dhavaj
5. Shri V. Mariappan
6. Shri Uday Amonkar

Library : No. of books	
Reference books	-33,184
Academic journals	- 3,000
Popular magazines	- 49
Book Bank Books	-18
	- 310 sets (9025 books)

#### Information about the research projects completed by the teachers and seminars/workshops held by the college :

Thirty first National Training Programme on IREP (Integrated Rural Energy Planning) was conducted for one week from 9th to 14th December, 1991 under the sponsorship of Planning Commission and RDA. The participants in the programme included B.D.O.s, Engineers of P.W.D. and Personnel from RDA's of different

states. The College of Engineering, Goa is a state-level back-up unit of IREP under which two research scholars are working.

#### Following Projects were undertaken for B. E. (Mech)

1. Alternative fuels for I.C. Engines under the guidance of Prof. V. Mariappan.
2. Design of Aircraft and study of parameters affecting flight by Prof. M. H. Dani.
3. Design of Laterite stone cutting M/C by Dr. R. L. Shanbhag.
4. Implementation of ISO - 9000 quality system standards under the guidance of Prof. George Easaw.
5. Expert system in maintenance scheduling by Prof. P. M. Bhandankar.
6. Motion Economy - An aid for better Human Productivity by Prof. D. V2Shirodkar.
7. Production Techniques in shipbuilding by Prof. U. M. Prabhudesai.
8. Application of F.E.M. in the areas of stress and strain, vibration, fluid flow, Thermal for teaching purposes, by Prof. P. M. Bhandankar.
9. Effect of Design variable on exhaust emissions by Prof. V. Mariappan.
10. Study of Transporation of chemicals by Prof. U. M. Prabhudesai.
11. Transport traffic Analysis by Prof. U. J. Amonkar.
12. A feasibility report on starting a plastic extrusion unit in Goa by Prof. U. M. Prabhudesai.
13. Graphical evaluation and review technique by Prof. George Easaw.
14. Customization of Piping design on computers by Prof. Pradeep Bhandankar.
15. Energy auditing of Sanjivani Sugar Factory by Prof. C. S. Hadimani.
16. Feasibility report on starting a coated wire industry in Goa by Prof. J. J. Goliwadekar.
17. Design and Fabrication of mini-crane by Prof. D. V. Shirodkar.
18. Resistance prediction of ships by Prof. P. M. Bhandankar.
19. Safety in material handling with reference to Zuari Agro Chemicals Ltd. by Prof. U. M. Prabhudesai.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

**Sports :** College has participated in the Inter-Collegiate tournament organised by Director of Sports, Goa University and secured the following positions :  
Badminton - 1st place. Table-tennis - 1st place.  
Chess - 2nd place. Swimming - 1st place.

Mr. Ashutesh Pednekar, Badminton player of this college has represented Goa state in the Badminton Nationals for the year 1991-92.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of degree admitted in  
course 1991-92

Sr. Branch	Degree	Duration	1991-92			
			Boys	Girls	Total	
1. Civil, Mechanical, Electrical, Electronics & T.C., Computer	B.E.	4 years	134	15	149	
			<b>S. E.</b>			
			Civil	29	13	42
			Mechanical	44	-	44
			Electrical	20	03	23
			Electronics & T. C.	22		22
			Computer	26	07	33
			<b>T. E.</b>			
			Civil	34	08	42
			Mechanical	44	-	44
			Electrical	22	01	23
			Electronics & T. C.	16	07	23
Computer	25	07	32			
<b>S. E.</b>						
Civil	28	14	42			
Mechanical	51	-	51			
Electrical	18	04	22			
Electronics & T. C.	17	03	20			
Computer						
2. M.E. Foun	M.E.	2½ years	10	-	10	
3. M.E. Indus	M.E.	1½ years	04	01	05	

**May/June 1991**

**Results of the college percentage-wise :**

	Appeared	Passed	Percentage
B. E. Civil	42	33	80%
B. E. Mech.	45	28	62%
B. E. Elect.	26	19	73%
B. E. Electronics & T. C.	22	07	33%

**Nov/Dec '91**

	Appeared	Passed	Percentage
B. E. Civil	8	5	62%
B. E. Mech.	18	13	72%
B. E. Elect.	09	04	44%
B. E. Electronics & T. C.	04	03	75%

**May/June 1992**

	Appeared	Passed	Percentage
B. E. Civil	46	23	50%
B. E. Mech.	41	35	85%
B. E. Elect.	21	15	71%
B. E. Electronics & T. C.	22	18	81%

**July 1991**

	Appeared	Passed	Percentage
M. E. Ind. Engg.	01	01	100%
M. E. Found. Engg.	10	08	80%
M. E. Found. Engg.	10	09	90%

**Information about campus development, construction of new buildings, etc. :**

New library building was completed during the year and some new buildings like Computer Engineering Block and Extension to existing Girls Hostel is proposed to be constructed.

**B-4. NIRMALA INSTITUTE OF EDUCATION, ALTINHO, PANAJI-GOA.**

The Nirmala Institute of Education was established in June, 1963. The College is affiliated to Goa University and imparts instruction in courses leading to B.Ed. and M.Ed. degrees. The Institute is run by the Nirmala

Education Society. Dr. (Miss) Jennifer Fonseca is the Principal of the College. Hostel facilities for students (only girls) have been provided within the campus by an arrangement with the Society of the Daughters of the Heart of Mary.

#### Teaching and Research Staff :

1. **Dr.** (Miss) Jennifer Fonseca, M.A., M.Ed., Ph.D.  
Principal
2. Dr. Valikkodath Ver.ghese Chacko, B.Sc., B.T.,  
Lecturer . M.A., Ed.D.
3. Mr. Vasant G. Prabhu Lawande, M.A., M.Ed.  
Lecturer
4. **Mr.** Gil Raul Do Rosario Alberto, B.Sc., M.Ed.  
Lecturer
5. Miss Beulah Mendez, B.Sc. M.Ed.  
Lecturer
6. Miss Sharmila Francisca Veloso, B.Sc., M.A.,  
Lecturer M.Ed.
7. Mrs. Rhoda Ferrao Almeida, M.A., M.Ed.  
Lecturer
8. Mr. Sergio Carvalho, B.A., B.T., M.Ed.  
Lecturer
9. Mr. Nicholas Francis D'Souza, M.A., M.Ed.  
Lecturer
10. Dr. (Miss) Sugandhi Rasquinha Prabhu, M.A.,  
M.Ed., Ph.D. Lecturer
11. Mrs. Kunda A. Borde, M.A., M.Ed.,  
Lecturer Sahitya Sudhakar
12. Mr. Nagendra Kumar R., B.Sc., M.Ed.  
Lecturer
13. Miss Rita Maria Paes, M.A., M.Ed.  
Lecturer

#### Library :

Total No. of books - 9834; Periodicals - 25.

The Principal Dr. J. Fonseca attended a meeting at Rajkot, Gujarat organised by the NCERT on "Role of Colleges of Education in Higher Education"; delivered

#### Participation in Seminars, Conferences Workshops:

The Nirmala Institute of Education on behalf of the All India Association for Christian Higher Education organised a Consultation for Teacher Educators in the month of May. 42 participants from all over India were present including the faculty members of NIE. Dr. S. Rasquinha Prabhu was one of the key resource persons. Mr. V. G. P. Lawande, Mr. S. Carvalho, Miss S. Veloso and Miss B. Mendez shared their expertise with the participants.

The College collaborated with the Goa Board of Secondary and Higher Secondary Education in conducting workshops on assignments at Cuncolim and Bicholim. Another workshop was conducted for teachers of Ponda School Association. The Principal and staff members - Mr. V. G. P. Lawande, Mr. Gil Alberto, Miss B. Mendez, Mrs. R. Almeida, Miss S., Veloso, Mr. N. D'Souza, Mrs. K. Borde, Miss E. Fernandes acted as resource persons at these workshops. Mr. Gil Alberto and Mr. V. G. P. Lawande also acted as resource persons at a workshop on Assignments at St. Xavier's Higher Secondary, Mapusa.

Research Seminars Reading Programmes were conducted for the M.Ed. students.

lectures at Saugar University, Madhya Pradesh; acted as expert at the meeting of the Board of Studies in Education at Army Education centre, Pachmarhi MP; delivered lectures at the Academic Staff College, Goa University, acted as resource person at the History Content Course and has been selected by AIACHE as Resource Person for Teacher Education.

Mr. V. G. P. Lawande addressed the students of H. M. Patel Institution, Gujarat and spoke on the methodology of teaching English, acted as resource person for a workshop on Value Education at Vasco organised by the Citizen's Development Society.

Mr. Gil Alberto participated in Ind<sup>o</sup> U.S. workshop on Mathematics Education organized by the Ministry of Human Resource Development and Homi Bhabha Centre for Science Education; attended the All India Conference of Mathematics teachers organized by All Goa Mathematics Teachers Association; acted as resource person for content cum methodology course for Mathematics Teachers of Goa organized by the Department of Extension Services of NIE.



Mrs. Kunda Borde was an observer at a Hindi workshop at Vasco conducted by the Central Institute of Hindi, Hyderabad.

Dr. Sugandhi Prabhu conducted sessions on stress reduction, developing positive self concept in children and concept attainment model at Mangalore and Abu Dhabi. She also presented a research paper titled Rational Self Behaviour Analysis Approach at the IV Annual conference of the All India Association of Educational Research held at Bangalore. We congratulate Dr. Sugandhi Prabhu for receiving a national award for her research paper titled 'Effectiveness of the Model for Predicting the Consequences of Teacher Behaviour' at the seventeenth seminar Readings Programme conducted by the NCERT Delhi.

Mrs. R. Almeida, Miss B. Mendez and Miss S. Veloso attended a seminar on AIDS organized by the Diocesan Service Centre for Social Action.

Miss B. Mendez and Mr. S. Carvalho attended a seminar cum workshop on value education at Vasco organized by the citizen development society New Delhi.

Dr. S. Rasquinha Prabhu served as resource person at the AIACHE consultation for Teacher Educators in Models of Teaching at Guntur, Andhra Pradesh.

### Cocurricular Activities :

The College celebrated Independence Day, Ganesh Chaturthi, Teachers Day, Goa Liberation Day, Christmas, Republic Day and Women's Day. There was also an Annual Sports Day and a picnic to Odxel. The staff went for a picnic to Bambolim Beach.

Some of our students participated in the Yuvavani Programme in Marathi at the AIR Panaji.

On the 122nd Birth Anniversary of Mahatma Gandhi, the students took an oath to abjure violence.

### Social Action Programmes :

Dr. Ashwini Kumar of Directorate of Health, Panaji gave a talk on Malaria, he and his team organised an exhibition on the same in the college.

Students donated blood to the Goa Medical College,

paid visits to the following institutions - the Goa Medical College, Asha Mahal Orphanage, Department of Psychiatry and Human Behaviour, Home for the Aged and Mother Theresa Home. A group of students equipped themselves to carry out anti malaria campaign in schools and another group of students entertained slum children.

### Statistical details regarding teaching programme and students :

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of degree in 1991-92

	course	(sex-wise)	
1. Education BEd.	One year	Boys -	19
		Girls -	82
		Total -	101
2. Educa	Two years	Jr. Sr.	
		Boys -	3 3
		Girls -	3
		Total -	3 6
tion	One year	Boys -	1
		Girls -	1
		Total -	2
M.Ed.	Grand Total -	5+6=	11

### Results of the College, percentage-wise, in respect of the Final Year University Examination :

April 1991	Appeared	Passed	Percentage
B. Ed.	99	92	92%
M. Ed.	6	6	100%
April 1992			
B. Ed.	99	94	95%
M. Ed.	4	4	100%

### Publications :

1. Nirmala Newsletter 1991-92.

2. Implementing Inquiry. Training Model in the Indian School System, article published in Education in Asia Vol. XI, No. 2 April-May 1992 by Dr. (Miss) Sugandhi Rasquinha Prabhu.

**B-5. GOA COLLEGE OF FINE ARTS, ALTINHO, PANAJI-GOA.**

This is a Government of Goa Institute established in June, 1972 and imparts instruction on approved subjects leading to B.F.A. (Painting) and B.F.A. (Applied Art) degrees. Prof. M. G. Joshi is the Principal as on 1-7-91 and Prof. A. S. Deo is the Principal as on 20-4-92. The College provides hostel facilities in 'D' type Govt. flat at Altinho, Panaji for boys students and girl students have been accommodated in Govt. Polytechnic and Pharmacy College girls hostel. -

**Library :**

Text books/reference books - 6128;  
Periodicals/academic journals - 4951.

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works etc. :**

The College is actively participating in Inter-Collegiate sports, cultural activities etc.

**Statistical details regarding teaching programme and students :**

Sr. No.	Branch	Degree	Duration of study to be awarded course	Duration of degree course	No. of students in 1991-92				
					1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr.
1.	Bachelor of Fine Art & Applied Art	B.F.A.	5 years	(M)	28	27	30	15	22
	Applied Art			(1/1)	12	12	10	14	11

**Results of the college percentage-wise :  
March/April '91**

Course	Appeared	Passed	Percentage
B.F.A.	12	11	91.66%
B.F.A. Applied Art	22	22	100%

**March/April '92**

Course	Appeared	Passed	Percentage
B.F.A.	12	12	100%
B.F.A. Applied Art	22	22	100%

**Information about campus development etc. :**

Implementation of academic programme as per Goa University syllabus. Staff and students are actively participating in various open Art Exhibitions. The staff is invited to give lectures on Art at other co-educational institutions. Thus overall performance of the college is promising.

**B-6. MAHADEVRAO SALGAOCAR COLLEGE OF LAW MIRA-MAR, PANAJI-GOA.**

The College was established in June 1973 and since then it has been imparting instruction leading to the first degree in Law (LL.B.). Besides this Diploma classes of the Goa Institute of Management Studies are also conducted by the College.

The College is managed by the Devi Shreevani Education Society, Vasco-Da-Gama. Shri Moreshwar Narayan Samant is the Principal of the College.

**Teaching and Research Staff :**

1. Shri Moreshwar N. Samant, **B.A., LL.M.**  
Principal
2. Shri Leonido Aodriguese, B.A., LL.B.
3. Amrut Shivram Kansar, B.A., LL.M.
4. Sares D. Lotlikar, B.A., LL.M.
5. Gurudas K. Tamba, B.A., **LL.B.**
6. Ravindranath V. Kunkolikar, M.A. (double), **LL.M.**
7. Shashank A. Samant, B.A., LL.M.
8. Joseph Menezes, B.A., LL.B.
9. Ranjit D. Satardekar, B.A., LL.B.

**Library :**

Total number of Text books - 2310;  
Reference books - 4080;  
Periodicals - 2479;  
Academic Journals - Legal - Indian 25;  
Foreign - 09;  
General Periodicals - 13.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of course in 1991-92

			1st yr.	2nd yr.	3rd yr.
<b>1. Law</b>	<b>LL.B.</b>	3 years			
		Boys	187	59	34
		Girls	76	15	17
		Total	263	74	51

**Results of the college percentage-wise :**

April 1991 - 46%                      November 1991 - 25%  
April 1992 - 50%

**B-7. VIDYA VIKAS MANDAL'S GOVIND RAMNATH  
KARE COLLEGE OF LAW, MARGAO-GOA.**

The College was established in June, 1979. It is run by Vidya Vikas Mandal and imparts instruction in the approved subjects leading to LL.B. degree. Shei Arun S. Nadkarni is the Principal of the College.

**Teaching and Research Staff:**

**Library :**

1. Shri A. S. Nadkarni, M.A., LL.M.  
Principal
2. Shri J. G. Prabhudesai, B.A., LL.M.  
Lecturer (Part time basis)
3. Shri T. Jaques, B.Sc., LL.B.  
Lecturer (Part time basis)
4. **Shri J. Antao, B.A., LL.B.**  
Lecturer (Part time basis)
5. **Shri C. A. Coutinho, B.Sc., LL.M.**  
Lecturer (Part time basis)
6. Miss Sarojini da Costa, M.A., LL.M  
Lecturer (Part time basis)
7. Shri K. P. Prabhudesai, B.Sc., LL.B.  
Lecturer (Part time basis)
8. Shri Filomeno M. Reis, B.Sc., LL.B.

Library books - 3533; Reference books - 862; Periodicals - 08; Journals - 09.

**Seminars, Conferences, Workshops held by the College :**

Seminar held on 8-10-91 on the topic "Law and Layman".

**N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works, etc. :**

Kum Elma Coelho secured gold/silver medals at the Inter-collegiate and Inter-University Athletic Meet -1991-92. Our college also participated in the Inter-Collegiate Table Tennis, Badminton & Football Tournament- 1991-92.

**Statistical details regarding teaching programme and students :**

Sr. Branch Degree to Duration No. of students  
No. of Study be awarded of course in 1991-92

			1st yr.	2nd yr.	3rd yr.
1. Law	LL.B.	3 years			
		Boys	105	16	22
		Girls	48	08	06
		Total	153	24	28

**Results of the college percentage-wise :**

**April/May 1991**

	Appeared	Passed	%
1st LL.B.	91	14	16%
2nd LL.B.	44	17	39%
3rd LL.B.	26	13	50%

**Oct./Nov. '91**

	Appeared	Passed	%
1st LL.B.	40	12	30%
2nd LL.B.	22	10	45%
3rd LL.B.	16	04	25%

**April/May 1992**

	Appeared	Passed	%
1st LL.B.	86	31	36%
2nd LL.B.	37	18	49%
3rd LL.B.	28	11	39%

Lecturer (Part time basis)

## **B-8. GOA DENTAL COLLEGE & HOSPITAL, BAMBOLIM.**

The Goa Dental College & Hospital is run by the Government of Goa. It was established in June, 1989. Dr. K. P. Kamat is the Dean as on 1-7-1991 and 20-4-1992.

**Hostel Facilities :** The Institute does not have its own hostel facilities. However, the hostel facilities of Goa Medical College are being availed for accommodating students, boys and girls of this college.

### **Teaching & Research Staff:**

#### **I. Department of Periodontics:**

1. Dr. K. P. Kamat, B.D.S., M.D.S.,  
D.D.P.H.R.C.S. (Eng) Dean &  
also  
Professor of Periodontia.
2. Dr. C. M. W. Franco, B.D.S., M.D.S.  
Asstt. Professor in Periodontia.
3. Dr. Jyothi R. Rao, B.D.S., M.D.S.  
Lecturer in Periodontia.

#### **II. Department of Prosthodontics & Dental Materials :**

1. **Dr. R. K. Singh**, B.D.S., M.D.S.  
Professor of Prosthetic Dentistry
2. Dr. Meena A. Aras, B.D.S., M.D.S.  
Lecturer in Prosthetic Dentistry
3. Dr. M. S. Juliana D'Costa, B.D.S.  
Lecturer in Prosthetic Dentistry

#### **III. Department of Conservative Dentistry :**

1. **Dr. K. P. Singbal**, B.D.S., M.D.S.  
Professor of Operative Dentistry
2. Dr. Ida de Noronha, B.D.S., M.D.S.  
Lecturer in Operative Dentistry
3. Dr. Ivy Fernandes Coutinho, B.D.S.  
Lecturer in Operative Dentistry

#### **IV. Department of Oral & Maxillo Facial Surgery :**

1. Dr. R. B. Kamlakar, B.D.S.  
Demonstrator

#### **V. Department of Oral Pathology/Microbiology & Dental Anatomy :**

1. Dr. Anita Eillen Spadigam, **B.D.S., M.D.S.**

Lecturer in Oral Pathology

#### **VI. Department of Oral Medicine & Radiology :**

1. Dr. A. D. Dinkar, B.D.S., M.D.S.  
Asstt. Professor in Oral Medicine  
Diagnosis & Radiology.
2. Dr. Seema Angle, B.D.S.  
Lecturer in Radiology

#### **VII. Department of Orthodontics :**

1. Dr. P. K. Chandra, B.D.S., M.D.S., M.D.Sc.  
(Orthodontics & Preventive Dentistry)  
University of Sydney 1979 Australia.  
Professor of Orthodontia
2. Dr. Nandini Kamat, **B.D.S.**  
Lecturer in Orthodontia

#### **VIII. Department of Pedodontics :**

1. Dr. Samir Dutta, B.D.S., M.D.S.  
Assn. Professor in Pedodontia
2. Dr. Ana Karina Mascarenhas, B.D.S.  
Lecturer in Pedodontia

#### **Library :**

Total number of text books, reference books, Periodicals and academic journals in the Library as on 20-4-1992.

Total number of text books in Library	...	693
Total number of reference books	...	656
Total number of Periodicals		11
Total number of Academic Journals	...	69

#### **Information about the Research Projects completed by the teachers, and seminars/workshops held by the Colleges.**

Various Departments have been carrying on different research Projects and preparing papers to be presented at the conferences. Every fortnight if not every week seminars case presentation and paper presentations are held in the college.

#### **N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works etc. :**

The Institution participated in inter-collegiate sports, on the cultural front, traditional, fresher's welcome party was organised, Ganesh Festival was celebrated with gaiety. Various competitions held during Ganesh Festival

had good response from the student community. Annual Social Gathering was held at Dinanath Mangeshkar Hall at Kala Academy, Campal, Panaji.

### Statistical details regarding teaching programme and students :

Sr. No.	Branch	Degree awarded course	Duration of degree	No. of students in 1991-92 (sex-wise)					
				1st yr.			2nd yr.		
				1st yr.	2nd yr.	3rd yr.	Sem. I	Sem. II	
1.	Dentistry	B..D.S	4 years						
				M	19	08	11	7	2
				F	22	14	22	7	12
				Total	41	22	33	14	14

### Results of the College, percentage-wise, in respect of the Final Year University Examination :

(Result of the examination of March-April, 1991 and October-November, 1991 and March-April, 1992):-

1. March-April, 1991	92%
2. October-November, 1991	... 100%
3. March-April, 1992	... 80%

**Publications :** Nil

### Information about the campus development, construction of new buildings, opening of new subjects, course programmes :

Plans for the building are finalised and estimates are prepared and administrative sanction is received.

Inspection for starting new post-graduate courses and affiliation enquiry report has been presented to the University.

### B-9. GOA COLLEGE OF ARCHITECTURE, MIRAMAR, PANAJI-GOA.

This is a Government College, which was established in June, 1982, to impart instruction in the approved subjects leading to B.Arch. degree. Shri Bruno Dias Souza was the Principal from 1-7-91 and Shri S. G. Torney from 20-4-92. 8 students of IInd & III rd year are allotted hostel accommodation in a Flat at St. Inez, Govt. Quarters and for boys, accommodation is provided at Govt. Quarters at Altinho.

6. Mrs. Madhavi Dixit Navare, B.Arch.  
Asstt. Professor

### Teaching and Research Staff :

1. Mr. S. G. Torney, G.D. Arch., F.D. Arch., F.I.1 .A., Industrial Architecture, V.R.C.E. Nagpur; International Course in Development in Housing, C.B.R.I., Roorkee.

Principal

2. Mr. V. R. Ambatkar, B. Arch. (NGP); M. Arch. IIT (K.G.P.); Course on Pedagogy in Architecture arranged by Council of Nagpur; Course in Air Port Planning Services in multisteried Bldg. and services, vigilance procedure.

Asstt. Professor

3. Mr. A. R. A. Antao, Diploma in Architecture  
Asstt. Professor

4. Mr. V. C. Fernandes, B.Arch.; Course on Planning for the informal sector in Metropolitan Cities. (SPA-New Delhi)

Lecturer

5. Mr. Ashish Rege, B.Arch. (S.P.A.N. Delhi);  
M.Planning (Housing)

Asstt. Professor

7. Mr. Lawrence Rodriguese, Dip. Arch.  
Lecturer

8. Miss Zeenat Andani, B.Arch.  
Lecturer

• 9. Mr. Roy D'Souza, B.Arch.  
Lecturer

10. Mr. Sanjay Belurkar, B.Arch.  
Lecturer

11. Miss Salvin Goes, B.Arch.  
Lecturer

**Library :** Total No. of books - 3400; Journals - 11. •

### N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and extension works etc. :

**Sports :** Serabble, Chess, Badminton, Table-tennis, Basketball, Cricket. In the inter-college tournaments our college (girls) reached semi finals and boys reached

second round. Following were the various activities held in Goa College of Architecture among lecture funfares. (1) Sand Castle building competition; (2) Fun Week 92 - i) College making competition, ii) News letter making competition, iii) Poster making competition; 3) Participation in Youth Festival - i) CREATIONS 92 hosted by Dheme College securing 3rd place.

Delegation of 30 students of our college participated in the Annual Convention organised by the National Association of students of Architecture at Bombay. Delegation was accompanied by faculty members namely Shri S. G. Torney, Principal and Shri Ashish K. Rege, NASA In-charge. The students work was well appreciated by the National juries comprising eminent Architects and Academicians.

#### Result of the College percentage wise :

Subjects	March/	Oct/	March/
	April	Nov	April
	1991	1991	1992
Professional Practice	100%	100%	100%
Design Project Develop. I	100%		
Working Drawing	100%		100%
Architecture Building Construction & Materials	100%		
Building services	100%		100%
Specification & Material	100%		100%
.Elective - I	100%	71.44%	100%
Elective - II	100%	25%	100%
Theory Design & Structure Design		44.44%	100%

**Publications :** The College published its Magazine 'VEEVH' .92 during the year 1991.92.

#### Information about campus development etc. :

- i) Added, additional area of 850 sq.mts. in Home Science building for this college.
- ii) This college has taken possession from Govt. 20,000 sq.mtrs. area at Dona Paula where demarcation and construction of compound hall designed by Chief Archi-

tect will be executed shortly and building plans are at designing stage in the Office of Chief Architect P.W.D. Office, Altinho.

#### B-10. KALA ACADEMY COLLEGE OF MUSIC, PANAJI - GOA.

The Kale Academy College of Music at Campal was established in 1987 by Government of Goa. It is temporarily affiliated to the Goa University to impart instruction in the Indian Classical, Vocal **and** instrumental music leading to the degree in Bachelor of Music, which is a five year course of study. Shri C. S. Naringrekar is the Principal of the College. The College does not provide hostel facilities.

#### Teaching and Research Staff :

1. Shri C. S. Naringrekar, M.A. (Philosophy), M.A. (Sitar) Principal
2. Shri S. S. Karandikar, Sangeet Visharad (Vocal), ABGMV Lecturer (Vocal)
3. Shri Manab Das, M. Music (Sitar) Visva Bharati, Santiniketan Lecturer (Sitar)
4. Shri H. Burli, Sangeet Alankar (Vocal Music) Lecturer (Vocal)
5. Shri Ulhas Velingkar, B Grade of AIR Lecturer (Tabla)
6. Shri P. Chari Lecturer (Table)

#### Library :

There is no separate library for the College of Music. All the relevant text books/reference books/periodicals/academic journals are provided to the College students by the Kale Academy Library.

**Statistical details regarding teaching programme and students :**

Sr. No.	Branch	Degree	Duration of course awarded	No. of students in 1991-92					
				1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr.	
1.	Sitar	B.Music (Sitar)	5 years	Boys	-				
				Girls	2	2	1		
2.	Tabla	B.Music (Tabla)	5 years	Boys	5	1	4	1	
				Girls	-				
3.	Vocal Music	B.Music (Vocal)	5 years	Boys	-	3	3		7
				Girls	3	-			
				Total	10	4	9		7

**Results of the College, percentage-wise:** The first batch passed out in May '92. Out of the 7 students 6 passed and one failed.

**C-1 XAVIER CENTRE OF HISTORICAL RESEARCH ALTO PORVORIM**

Xavier Centre of Historical research is an autonomous registered society with its aims and objective of promoting research and publications in history with special emphasis on the Portuguese period church in India, and third world issues.

Established in 1978, the Xavier Centre of Historical Research is run by the Jesuits of the Goa Region of the Society of Jesus. Rev. Dr. Teotonio R. de Souza, S. J. has been the Director since 1978. The hostel facilities consist of two rooms of single occupancy. The availability of these ofr a maximum period of six days, will be however, at the discretion of the management.

**Teaching and Research staff:**

1. Fr. Teotonio R. de Souza, S. J., M.A., Ph.D. Director, Ph.D. research guide, Fellow of the Portuguese Academy of Lisbon and of the Institute Menezes Braganza, and executive editor of XCHR Studies Series.
4. Fr. Delio Mendonca, S. J., B.A.

2. Fr. Charles J. Borges, S. J., M. A., Ph.D. Librarian, Administrator
3. Fr. Cajetan Coelho, S. J., M.A. Administrative Asstt., Researcher  
  
Library Asstt., Researcher
5. Mrs. Lilia Maria D'Souza, B.A. Research Asstt.
6. Mrs. Teresa Fernandes, B.A. Portuguese tutor (Part-time)

**Details of Research/Master students :**

Research Guide	Full-time students
Dr. Teotonio de Souza	Four

Mrs. Maria Fatima Gracias and Ms. Celsa Pinto have submitted their theses on the 16 January and 20 April 1.992 respectively. The topics were Health and Hygiene in Goa 1510-1961, and Portuguese India and its country trade ip the late eighteenth - early nineteenth centuries. Fr. Syriac Panjikanan, S. J. and Ms. Philomena Anthony are yet to complete their research. Ms. Pinto and Mrs. Anthony were three months in Europe on a study tour to the various archives with the help of a grant of the Fundacao Calouste Gulbenkian (Portugal).

**Library:** The XCHR-Sussen Historical Research Library has now a total of over 13,000 books (housed in 86 steel book-cases), 200 cyclostyled volumes of government reports and seminar papers, and 125 volumes of xeroxed archival material. The section on cartography consists of 25 books and about 150 loose maps. The journal section contains about 200 titles, some of them now out of print, and includes many newsletters. A special language section consists of dictionaries, grammars and readers in Portuguese for the biannual coin- )s held at the XCHR. Computer printouts of indexes are available to members of the library. The computerisation of books and journals for ready reader reference is in progress. A plain paper copier and a microfilm reader are of use to readers.

Among the donors of book material to the library were His Excellency Dr. Mario Soares, President of Portugal (during his visit to the XCHR on 31 January), the Fundacao Calouste Gulbenkian, Institute Cultural de Macau, the Jesuit Archives at Kodaikanal, Dr. Timothy Coatesa (USA), Dr. A. Veloso, D. Diogenes



Mascarenhas, Mr. Maurice Fern, Mr. Julio Menezes, Mrs. Indira Costa, Miss Rosaria Flores, and Eng. Gernando do Rego (all from Goa). The XCHR in turn has donated many books to the Portuguese Cultural Centre (New Delhi) and to the Government College (Sanquelim).

Indexes of articles and books on Jesuits in India were made for the Heras Institute (Bombay), IDEAS (Madurai) and the Ignatian Centre (Madras). Fr. de Souza helped in making slides on the art treasures of Goa for publication by a group in Germany. Dr. Wolfgang Knabe (Augburger Forschungsgruppe, Germany) and his team were assisted in finding out the first traces of German traders in India in the sixteenth century. Many other private scholars sought information by correspondence or in person on various themes.

**Information about the Research Projects completed by the teachers, and seminars/workshops held by the College:**

**Fr. Teotonio R. de Souza, Director**

1. Appointed member of the Board of Studies in history and convenor of its committee to prepare reading material on the history of Goa for the colleges. Also nominated member of the Committee for recognition of post-graduate teachers and Ph.D. guides of the Goa University.
2. Lectured at the Academic Staff College, Goa University, (27-30 July, 15-17 Dec. 1991, 16-17 March 1992) and conducted a course for the Christian theology students at Vidyajyoti, Delhi, (23 Sep. - 4 Oct)
3. Presented a paper on "Jesuits have changed: old myths, new realities at a seminar organised by the Delhi Province Jesuits (2nd Oct.)
4. Chaired a session at the sixth international seminar on Indo-Portuguese history (ISIPH) at the University of Macau (22-26 Oct) and delivered a paper on "Regerio de Faria : An Indo-Portuguese trader with China links".
5. Attended the third Ecumenical Association of third world theologians (EARWOT) general assembly at Nairobi, (3-14 Jan. 1992).
6. Spoke on "The Church in Goan politics" at a seminar on "Government, Politics and Society in Goa and Maharashtra" at the Goa University (24 Jan.): addressed the Goan Karnataka Association.
8. Presided at a session of the sixth seminar on the

at Bangalore on "Goan history and culture" (1 Mar).

7. Delivered the UGC guest lectures at the M. S. University, Baroda (3-17 Feb. 1992)

history of Goa organised by the Department of Archives and Archaeology on "Goa: Trade and Commerce through the ages" (27 Feb.)

9. Visited most of the churches of Goa to draw up an illustrated and exhaustive inventory of the art objects contained therein towards setting up the Christian art museum at the Rachol Seminary.
10. Left on the 23 April 1992 for a five-month study trip to the archives of Portugal, London, Ireland, Germany and Rome.

He spoke at the "Congresso Internacional de Historia: Missionacao Portuguesa e Encontro de Culturas" (Lisbon, 30 April - 3 May).

**Fr. Charles J. Borges, Administrator**

1. Spoke to the priests in training at the Sacred Heart College, Kodaikanal on Jesuit history (20-22 May 1991)
2. Attended ISIPH-6 at Macau (22-26 Oct) and read a paper there on "The Jesuits of the Estado da India and their China links".
3. Presented a paper on "Facts and Fiction in Jesuits trade" at the sixth seminar on the history of Goa organised by the Directorate of Archives, (27-28 Feb. '92).

**Cajetan Coelho, Asstt. Administrator**

1. Conducted the second intensive course in Dutch at the Pondicherry University while reading for his doctorate in history there. The courses are jointly sponsored by the Indian Council of Historical Research and the Embassy of the Netherlands in India. He will be in Europe for a year beginning from December 1992 to research in the archives there.

**Projects:** Two projects of the Indian Council of Historical Research, New Delhi are in the process of being completed. They are the translation of the Decades of Joao de Barros 1449-1570 (being done by Mrs. Lilia D'Souza), and the survey, selection and translation of documents relating to the impact of the Jesuit order on the economy

of Goa prior to 1759.

**Portuguese Courses:** Six students of the Indo-Portuguese Cultural Institute, Kochi, attended a six-months course in Portuguese at the XCHR between February and August 1991. 43 other (lawyers, teachers, researchers, and college students) took part in the biannual courses in basic Portuguese (of one month duration) between 1991 and 1992.

#### Fr. de Souza's articles:

1. "Men of Ignatius' The Jesuits in Inida", "Some outstanding members of the Society of Jesus," Herald (30-31 July 1991), and GoaToday (August 1991).
2. "Goan culture and identity historically speaking, Boletim do Institut<sup>o</sup> Menezes Braganza, Panaji, n.162, 1991, pp. 57-61.
3. "Colvale: Bridging a tradition ?", "Souvenir (4th centenary of the St. Francis of Assis Church, Colvale 1591-1991), pp. 6-10.
4. "Historical background of Discoveries", Social Action, New Delhi, Vol. 42, n. 1, Jan-Mar 1992, pp. 16-24.

#### Fr. Borges' articles :

1. "Nel Subcontinente Indiano", Popoli, ed. G. Bellucci, Milano, n. 10, Oct. 1991, pp. 86-91.
2. "Annotated Bibliography on Christopher Columbus: Five Centuries of colonialism," Social Action, New Delhi, Vol. 42, n. 1, Jan-Mar 1992, 89-101.

### C-2 GOA INSTITUTE OF MANAGEMENT STUDIES

The Institute which was established in June 1977 is run by the Devi Shreevani Education Society, Vasco-da-Gama in the same building where Mahadevrao Salgaonkar College of Law is located. S. Narasimha Raj is the Director of the Institute.

**Teaching Staff:** Apart from the Director himself, the Institute has distinguished practicing Professionals in various fields of Management, Academicians and Distinguished Personalities 'coming in' as Visiting Faculty for the Courses at the Institute. Over 20 such 'personalities' were involved.

**Library:** Total number of books, periodicals, etc. - Over 2750 (A Video-Library is also being put together)

### Statistical details regarding the teaching Programme & Students :

Sr. Course No.	Duration	No. admitted (1991-92)
1. D.A.M.	One yr. Part-time	Male: 14 Female: 9
2. D.B.M.	One yr. Part-time	Male: 17 Female : 3

Information about campus development, construction of new buildings, opening of new subjects, etc.:

The Institute put-through several **HRD** Programmes 'in-house' for Organisations and for heterogenous groups.

### C-3 VIDYA VIKAS MANDAL'S INSTITUTE OF MANAGEMENT TRAINING AND RESEARCH

The Institute which was established in June 1981 is run by the Vidya-Vikas Mandal. It was recognised by the Goa University for conducting post-graduate part-time one year courses in Management leading to D.B.M. and D.A.M. diplomas. Shri Moreshwar Bhaska Limaye is the Director of the Institute.

#### Teaching and research Staff:

- 1 Shri M. B. Limaye, [M.Com.](#)  
Director
2. Shri R. B. Nair, [M.Com.](#)  
Lecturer
3. Shri A. S. Nadkarni, M.A., LL.M.  
Lecturer
4. Shri V. D. Bhat, C.A.  
Lecturer
5. Shri V. G. Path, M.Sc.  
Lecturer
6. Shri A. Thaker, M.B.A.  
Lecturer
7. Shri R. D. Dalvi, [M.Com.](#) LL.B.  
Lecturer

8. Shri Suresh Rao, M.B.A., LL.B.  
Lecturer
9. Miss F. Rebello, M.A.  
Lecturer
10. Shri R. Rebello, M.Sc.  
Lecturer
11. Shri G. G. Kondli, [M.Com.](#)  
Lecturer

**C -5 DIRECTORATE OF ARCHIVES,  
ARCHAEOLOGY & MUSEUM,  
PANAJI - GOA.**

This is a Government institution, which was established in the year 1595 to cater to post graduate instruction and teaching Ph. D. degree in History. Dr. P. P. Shirodkar who is the Director of the Institute is the only teaching member of the institution.

**Teaching and research staff:**

1. **Dr. P. P. Shirodkar**, M.A.; Ph.D.  
Director of Archives,  
Archaeology & Museum

**Details of Research/Master students:**

Name of the Research Guide	No. of students Part-
Dr. P. P. Shirodkar	<b>4</b>

**Library:**

Total number of text books/periodicals in the library as on 20-4-1992 - about 35,300 books.

Information about the research projects completed by the teachers, and seminars/workshops held by the College:

**Seminars:**

Sixth seminar on History of Goa on a broader theme "Goa: Trade and Commerce through the Ages" and symposium on Goa Gulf countries were organised on 27th and 28th Feb. 1992 at the Conference Hall of the Directorate of Archives in collaboration with Goa University. During the Seminar a dozen research papers were read and discussed.

**Publication:**

During the period the following publications were brought out (1) Vol. VIII. No. 2 (July-Dec. 1990) of the journal "Purabhilekh-Puratative" was brought out (2) Two booklets were published one showing a detailed evolutionary history of "Historical Archives of Goa" and the other containing the summaries in English of the documents exhibited during the Special Exhibition on Archives.

**Library:** Total books & Periodicals: 425

**Statistical details regarding teaching programme and students :**

Sr. No.	Branch	Degree to be awarded	Duration of course	No. of students in 1991-92
1.	Management	D.B.M.	One Year	Boys 17 Girls 1 Total 18
2.	Management	D.A.M.	One year	Boys 12 Girls 4 Total 16

**Results of the college percentage-wise:**

**May/June 1991**

Branch	Sem.	Appeared	Passed	Percentage
<b>D.B.M.</b>	Sem. I	9	2	22%
	Sem. II	12	2	17%
<b>D.A.M.</b>	Sem. I	6	2	33%
	Sem II ,	7		

**Dec.Jan. 1992**

Branch	Sem.	Appeared	Passed	Percentage
<b>D.B.M.</b>	Sem. I	15	3	20%
	II	4		
<b>D.A.M.</b>	Sem. I	13	10	77%
	Sem. II			

**May/June 1992**

Results not yet out.

## CHAPTER IV

### OTHER ACTIVITIES

#### A - GOA UNIVERSITY LIBRARY

The University Library came into existence with the establishment of the Goa University in June, 1985. In fact, the start was made by annexing the library of the centre of Post Graduate Instruction and Research, University of Bombay to the Goa University Library, whereby a collection of 37,627 books and periodicals formed the basis of the present Library.

This section of the University is actually the central point of educational and research activities as it caters to the needs of various post-graduate students, research scholars and faculty members. To this effect, it is being replenished with newer and latest additions, year after year: Today, the total collection has reached to 62,666 volumes of books, covering a number of disciplines under Humanities, science and Social Sciences, covering wide range of subjects like Philosophy, Sociology, Politics, Economics, Education, Languages and Literature in English, Hindi, Marathi, Konkani, French and Portuguese, Mathematics, Computer Science, Physics, Chemistry, Geology, Marine Science Microbiology, Zoology, Botany, Bio-Technology, Management Studies, Arts, History and Biographies.

The Library has a separate journal section which subscribes to 430 journals. Some journals are also received as gratis. Besides, the Library consists of thesis and several dissertations. In addition, the special needs of Historical Research are catered through Prof. P.S.S. Pissurlencar Collection, which consist of. 4486 books, journals, documents, photostat copies and microfilms. The Goa University has the following collection of books and journals which enrich the University Corpus.

- a) About 610 books from the heirs of Prof. Vithalrao Sukhthankar.
- b) About 80 books in Portuguese from Dr. Shridhar Tamba
- c) A Collection of about 467 books in Philosophy (of Prof. D. Andrade's collection from the Bombay Philosophical Society, Bombay).
- d) About 519 books in Portuguese mainly concerned with Portuguese Literature of the 19th Century from Advocate Paul Mascarenhas in the memory of his late father.
- e) About 146 + 149 books in French and Portuguese

from Prof. G. V. Kantak.

- f) Collection of books/periodicals etc. No. 721 donated by Shri Carmo Azavedo on Goa and by Goan authors.
- g) About 324 books mostly on Ayurveda from Dr. Raghuvir P. Sinari.
- h) A collection of books numbering 289 in Portuguese from Shri Xavier De Monte Furtado •
- i) A collection of books numbering 1676 mostly Marathi from Shri Wamanrao Kundaikar.

A collection of 125 books mostly Portuguese from the Xavier Centre for Historical Research, Porvorim.

- k) A collection of 68 books and some periodicals mostly in Portuguese from Gulbenkian Foundation through Embassy of Portugal in India.

A collection of books mostly in Portuguese received from Mr. Nuno Gonsalves from Portugal has further enriched the library as far as study of Indo-Portuguese relations are concerned. There are 2944 books and journals in this collection. Computerised list subject-wise, title-wise and author-wise is available.

Also the USIS Library, Alliance Francaise and British Council Library donate books regularly to the University Library. This includes 190 books especially in Latin American Studies in the USIS Collection. They are in Spanish.

#### II) Working Days:

The Library is kept open for all the days except Sunday throughout the year, besides the normal working hours of the Library, the reading rooms are kept open for extended hours so as to facilitate its use by the readers. During the examinations days, the library is kept open even on Sundays and Public Holidays.

The normal timings of the Library are 9.00 a.m. to 6.00 p.m. on week days and 10.00 a.m. to 5.30 p.m. on 1st, 3rd and 5th Saturday of the month.

#### III) Readers and use of Library:

The university has 1000 registered readers including the staff members and several casual

visitors. Inter Library exchanges of books and journals is encouraged and the journals are regularly exchanged with the library of National Institute of Oceanography.

Teachers and students of the local colleges are encouraged to use the University library and the reference and borrowing facility is extended to them, Ph. D. Students are issued ten books at a time, as a special facility to boost research activity in the University.

The Library continues to receive presentation of books/Periodicals from a number of persons and institutions.

#### **IV) Other Material :**

Several maps and audio video cassettes are also collected by the Goa University Library.

Bibliographical and Documentation Service:

Bibliographies of reading materials available in the library were compiled and supplied on demand to staff members on special subjects. A list with the latest addition is circulated to the University Departments. Recently, an exhaustive list of periodicals holdings of the library has been published. A library hand-book giving details about the library collection, etc. has also been published. Exhaustive list of articles on Goa appearing on various journals is getting ready.

#### **University Bindery :**

Bindery unit has been opened to cater to the needs of day to day mending/binding of books and journals.

#### **Classifications and Cataloguing**

Books are classified according to Dewey Decimal Classification and subject and author (Main) catalogue are maintained. There are separate catalogues for collections. Moreover the library collection (Books & Journals) is on computer now. Serious Reader/Research students can avail the facility of having a print out of the holdings of the library: author-wise, subject-wise etc.

#### **Activities:**

1. A workshop for librarian on the topic "Librarians attitudes towards readers "was held on 14th January, 1992 by Mr. M. N. Rannakrishnan

Nayar, Retd. Prof. & Head, Dept. of Library &

Information Science, University of Kerala.

2. An exhibition of reference books was held in the library during November 1991 to mark the "National Book Week".

#### **Participation in Seminar/Conference/Workshops**

##### **V. R. Navelkar**

1. Participated in the National Seminar on 'Modern Trends in Marine Science Bibliographic Information Handling' held at N.1.0., Dona Paula.
2. Conducted a workshop on Philately for students - arranged by General Post Office - Panjim.
3. Organised an exhibition of Stamps, Coins, Paintings at Goa University Campus having a theme 'Our India'.

#### **B. DIRECTORATE OF STUDENTS' WELFARE & CULTURAL AFFAIRS**

Director: **Dr. T. D. Halarnakar**

Directorate of Students' Welfare & Cultural Affairs undertakes curricular and extra curricular activities of the students of Goa University and thereby help to build a total personality of the students community. This Directorate help to cultivate a sense of togetherness among the students. It also acts as a liaison body for smooth interaction between the students and University authorities.

In order to administer the students activities, the Goa University has constituted two students bodies viz.

- 1) Goa University Students' Council, comprising the representatives of the colleges affiliated to Goa University.
- 2) Post-graduate Students' Union representing the post-graduate students only.

#### **Activities:**

- 1) Goa University team consists of Miss Nisha Nambiar and Miss Shefali Vaidya, declared as Zonal Winner in the National Parliamentary Quiz Contest, organised by Ministry of Parliamentary

Affairs, Govt. of India, New Delhi, and qualified for the National Quiz Contest.

- 2) Goa University won many prizes in One Act Play Competition, organised by Kala Academy, including second best performance in Konkani and Marathi, first best in female acting, Direction, Script writing.
- 3) Goa University team consisting 29 students participated in Inter-University Youth Festival organised by AIU, at Nagpur University in November, 1991 and stood first in Quiz Competition and qualified for national level competition held at Banaras Hindu University, Varanasi in January, 1992.
- 4) Goa University organised performance cum demonstration programme in 'Bharat Natyam' by a noted artist Smt. Swapnasundari in December, 1991 and in Sitar Recitation by eminent sitarist Shri Shahid Parvez in February, 1992 under SPIC MACAY programme,
- 5) One day Seminar on 'Dowry' was organised in association with the Anti-Dowry movement, Bombay in September, 1991.
- 6) Two Inter-Collegiate Elocution Competitions were organised by Goa University.
- 7) Goa University participated in two Inter-University Elocution Competitions organised by Anti Dowry Movement and the Maharashtra Times, in Bombay in January, 1992 and won the consolation prize.
- 8) Goa University produced and presented a Quiz-programme on Doordarshan Station, Panaji, Goa in November, 1991.
- 9) A team of students and teachers from Delhi University visited Goa University to study the students activities of Goa University.
- 10) A team of students and teachers from Trupati University, Andhra Pradesh paid visit to Goa University and discussed the educational issues

with the students and teachers of Goa University.

- 11) Goa University students' Council organised Inter-Collegiate Youth Festival "CROSSROADS'92" in February, 1992.
- 12) Post-Graduate Students' Union organised Inter-Faculty competition in One Act Play, singing, dance, music, Quiz, Elocution, sports, etc.
- 13) post-graduate students participated in Inter-Collegiate Youth Festivals, organised by various colleges in Goa.
- 14) Post Graduate Students' Union, organised 'Ball Dance' in November, 1991.
- 15) Goa University, under auspices of Nature Club of the University, organised talk-cum-slide show, exhibition, poetry recitation etc. based on nature and workshop based **on plantation programme.**
- 16) **The NCC unit of Goa University took massive plantation programme on the campus of Goa University.**

#### **Participation in Seminar, Conference, Workshops etc.**

#### **Dr. T. D. Halarnakar**

1. Delivered University First Day lecture to the new entrants in the University and teachers in June, 1992.
2. Produced Quiz Programme of the students on Panaji Doordarshan in November, 1991.
3. Participated in the seminar organised by M.E.S.College of Arts and Commerce, Zuarinagar, Damodar College of Commerce and Economics, Margao and P.E.S. College of Arts & Science, Farmagudi on "The New System of Examination", in March, 1992.
4. Participated in the seminar on "The students, Teachers and Parents relationship", organised by M.E.S. College of Arts and Commerce, Zuarinagar, in March, 1992.

## C. KONKANI ENCYCLOPAEDIA

The University has undertaken a project of preparation of Konkani Encyclopaedia to cater to the needs of the Scholars as well as of the Common man knowing Konkani. Encyclopaedia information will be classified into various subjects. The Encyclopaedia will contain entries relating to general knowledge but emphasis will be laid on information regarding the Konkani speaking region, its people, history, geography, art and culture, customs and manners, etc.

The Encyclopaedia will consist of about 3000 pages in three volume around 1000 pages each. The source material will be based on information available in English, French, Portuguese, Hindi, Konkani, Marathi, Kannada, etc. and from specialised works. Original articles on local topics that have not been already dealt with in other works, will be written by scholars conversant with subject. Illustrations will be given wherever necessary.

The first volume of the Konkani Enclopaedia containing 1200 entries, 900 pages and about 250 illustrations, will be released by the end of 1992.

The work of the second and third volume is in the progress and it is expected that these volumes will be released by 1995.

This project will be first of its kind in Konkani and will go a long way in providing valuable information to Konkani readers.

1. Dr. **M. L. Sardesai**, M.A., D.Lit. upto February  
Chief Editor 1992
2. Dr. T. D. Halarnakar  
Executive Editor
3. Shri Shailendra Mehta  
Research Assistant
4. Shri Mukesh P. Thali  
Research Assistant
5. Smt. Kanchan V. Mordekar  
Editorial Assistant
6. Kum. Kalpana Kurtarkar  
Editorial Assistant

### Administrative Staff

## 1. Kum. Niyati Hede

### Participation in Seminars, Workshops, Conferences etc. :

#### Dr. T. D. Halarnakar

##### Seminars/Workshops/Lectures

1. Delivered key note address at the seminar on 'role of the Konkani Institutions', organised by Federation of Konkani Institutions on 23-6-1991.
2. Participated as Resource person in the workshop organised by Goa Koiikarii Akaderni on Orthography of Konkani language in June, 1991.
3. Presented a paper on 'Panchayati-RL'" in the orientation course for college teachers, organised by Shri Damodar College of Commerce and Economics in July, 1991.
4. Presented paper on Essay-Writing, in the literary Seminar organised by Govt. College of Arts & Commerce, Quepem in August, 1991.
5. Presented paper on 'Panchayati-Raj in Goa' in the seminar on Government, politics and Society in Goa and Maharashtra organised by ICSSR, Western Regional Centre, Bombay and Department of Political Science, Goa University in January, 1992.
6. Delivered key note address, at the workshop on 'How to organise the literary programme' organised by Kudchadem Kale Sahitya Kendra in December, 1991.
7. Delivered a valedictory address in the seminar, 'Contribution of the news-papersto the literature' organised by Goa Konkani Akademi in March, 1992.
8. Delivered a lecture in the gathering of artists and writers in the fields of Konkani drama, films etc. organised by Udenteche Vangadi in July, 1991.
9. Attended and participated in the Conference of All India Konkani Lekhak Sammelan held in Karwar in February, 1992.

#### Other Details

1. Nominated as member of the Committee constituted by Goa University for the development of Konkani in Goa University.

2. Edited the souvenir of Xth Annual Conference of the Indian Council of Chemists held in Goa in October, 1991.
3. Nominated on the Editorial Board of Annual Report, 1990-91, Goa University.
4. Appointed as the member of State Culture Advisory Committee constituted by the Govt. of Goa, to advise government on Cultural policy of the Government.
5. Edited the first University News letter of Goa University.
6. Nominated as the Convenor of the Publication Committee, Goa University.
7. Appointed as Coordinator of Konkani Teachers Training Course, organised by Konkani Bhasha Mandal, Goa.

#### **D. DIRECTORATE OF NATIONAL SERVICE SCHEME - 1991-92**

**Aims & Objectives :** The overall objectives of the National Service Scheme, as envisaged originally, was extension of service to the Community offered by the students while undergoing instruction in an educational institution. It was sought to create the social consciousness in the students and provide them with the opportunity to work with the people around the educational campuses creatively and constructively and to put the education they received to concrete social use. It has been felt that the primary aim of the scheme is to enable the students to elevate their personality and experience through community service. Its end use is the improvement of personality while service to the community is a means through which such improvement is sought to be achieved. The objective of the scheme as restated, is therefore, development of the personality of students through community service. This objective is sought to be achieved by enabling the students to:

- i) Understand the community in which they live.
- ii) Understand themselves in relation to their community.
- iii) Identify the needs and problems in the community in the solution of which they are involved.
- iv) Develop among themselves a sense of social and

civil responsibility.

- v) Apply their education in finding practical solutions to individuals and community problems.
- vi) Develop competence required for group living and sharing responsibilities.
- vii) Gain skills in mobilising community participation.
- viii) Acquire leadership qualities and democratic attitude.
- ix) Develop capacity to meet emergencies and natural disasters and practice national integration.

#### **The Motto**

The motto of watch word of the NSS is "NOT ME BUT YOU". This expresses the absence of democratic living and upholds the need for selfless service and appreciation of the other man's point of view and also to show condonation for fellow human beings. It underlines that the welfare of social as a whole. Therefore, it should be the aim of the NSS to demonstrate this motto in its day-to-day programme.

With a view to keep the above objectives in mind, the Goa University has enrolled 3000 volunteers from different colleges in Goa for the regular activities and 1 500 for special camping programmes.

Regular activities undertaken during the year 1991-92 are as follows :

1. Hospital project.
2. Each one Teach one.
3. Fund collection.
4. Industrial survey.
5. Blood donation.
6. Coaching to Scheduled cast and poor students.
7. Construction of palyground, Road, Cleaning, levelling etc.
8. Illiteracy survey.
9. Survey in Orphanage.
10. M.P.F.L.
- 11 Two volunteers participated in R.D. Parade 1992 at New Delhi.



### Special Camping Programme :

Many colleges successfully conducted the special camps in their adopted villages during October and December vacation.

### E. ACADEMIC STAFF COLLEGE

**Part I** Academic Staff College has been established on 29th February, 1988. It organises orientation courses for the College teachers having less than 8 years of experience and refresher courses for the teachers who are having more than 5 years of teaching experience in the disciplines allotted by the UGC. It also conducts need-based courses only for the college and University teachers of Goa University.

### Part II Teaching and Research Staff :

i) Dr. F. A. Fernandes, M.A., Dip. in Higher Education, Ph.D.  
Reader & Director

ii) Dr. (Mrs.) P. Rebeiro, M.A., Ph.D., B.Ed.  
Lecturer

### (2) Contributory Teachers &

### (3) Visiting Teachers :

Generally Sr. Faculty of the University and a few selected professors from other selected universities are invited.

History	30	3 weeks	23.7.91 to 13.8.91
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### (4) Details of Research Students :

Not applicable. However, Dr. F. A. Fernandes has been guiding M.Phil. students in English literature.

### Part III

1. Name of the Institution : **Academic Staff College, Goa University**

2. Name of the Organization which runs the Institution : **Sponsored by University Grants Commission, New Delhi.**

3. Date of establishment of the College **29th February, 1988.**

4. Name of the Director in position as on 1.7.1991 and 20.4.1992 : **Dr. F. A. Fernandes,**

**Offi. Director**

5. Hostel facilities : **Goa University has provided the hostel facilities in the University Guest House to the participants of the Orientation and Refresher programmes.**

6. Library : **Total number of books in the Library as on 20.4.1992 is 867.**

7. The Teaching Programme :

### (1) Orientation Programme

S. No. of No. Progra- mmes	Number of Participants			Date of the programmes
	Total	Male	Female	
1. 0<th	29	22	7	10.6.91 to 6.7.91
2. XXIst	28	24	4	16.9.91 to 12.10.91
3. XXIIInd	48	16	32	01.11.91 to 28.11.91
4. XXIIIrd	29	27	2	02.01.92 to 28.01.92

### (2) Refresher Course

Name of subject	No. of participants	Dura- tion	Dates of programmes
	33	"	27.11.91 to 18.12.91
	32		5.3.92 to 26.3.92
Political Science	40		16.08.91 to 06.09.91
	32		03.02.92 to 24.02.92
Mathematics (Need-based)	15		20.05.91 to 08.06.91
Physics (Need-based)	16		11.03.92 to 31.03.92

## **F. DIRECTORATE OF SPORTS**

### **Introduction :**

**The** Directorate of Sports, Goa University marched forward through yet another challenging year of sports and games.

The following activities were conducted during the year 1991-92.

### **I. Participation in Inter University Competitions :**

In keeping with the decisions of the Sports Council the Goa University Directorate of Sports prepared its Men and Women teams through various camps and able guidance of highly qualified coaches and expert personnel in respective disciplines for participation in Inter University tournaments.

#### **Football (Men) :**

The men Football team won the West Zone Inter University Tournament held at Aurangabad and organised by Maharashtra University. Although our boys played good Football they had to be satisfied with a third position at the All India Inter Zone Inter University Football (Men) Tournament and annexed a cash award of Rs. 20,000/- for the University.

#### **Football (Women) :**

We won the South West Zone Inter University title in Football (Women) Tournament held at Kerala and organised by Mahatma Gandhi, University Kottayam. The Women Footballers won the runners up position at the All India Inter University Football Tournament.

#### **Weight Lifting & Best Physique & Power Lifting :**

In the Weight Lifting and Best Physique competition, Shri. Xavier D'Souza won a silver medal at the All India Inter University Competition 1991-92. The overall performance of our Weight Lifters was very good.

**Athletics :** Elma Coelho, Kare Law College, won 3 Gold medals in the West Zone Athletics meet held at Gwalior. She won the 1st place in 100 mts run, 200 mts run and long jump and was declared an individual champion at the west zone Athletic Meet.

The Goa University teams also participated at the Inter University Basketball (Men), Volleyball (W) & Cricket (M), tournaments. However, all these teams lost in the first 3 rounds of the competition.

A special function was organised to felicitate the winners of Inter University Competitions and cash awards of Rs. 300/- and Rs. 500/- each were distributed to our Football (Men) and Football (Women) team respectively. A cash prize of Rs. 2000/- was awarded to Shri. Xavier D'Souza for his outstanding performance in Best Physique.

A special certificate was awarded to Miss Elma Coelho for her outstanding performance at the Inter University games. However, no cash prize was given to her, even though her performance deserved a well earned prize.

### **II. Pre-University Coaching Camp :**

The Director of Sports took due care in preparation of camps scheduled to participate at the various Inter University competitions. Players of various teams were trained under residential camps of 15-21 days duration in preparation for the Inter University tournament. The said camps consisted of theory and practical sessions. The participants of the camps were taught the latest techniques of play as also the latest advancement and theory knowledge was imparted to the campers.

### **III. Organisation of workshop for Directors of Physical Education :**

The Director of Sports for the 1st time organised a one day workshop entitled "The role of Director of Physical Education in the promotion of Physical Education and Sports in Goa". This workshop went a long way in

providing an opportunity for all the Directors of Physical Education for the **1st** time in presenting papers at the workshop. Further, it may be noted that presentation of papers is vital and was much applauded for, since it has direct relation to the career advancement of the Directors of Physical Education. There was very good interaction between the participants of workshop and many suggestions were put forth which have now been implemented. It also gave an opportunity for senior and qualified Director of Physical Education to present papers on the topic. The Executive Director, S.A.G. Shri. Jirage welcomed the gathering and highly appraised the conduct of such a workshop and called for organisation of • many more such workshops and seminars. The Registrar, Shri. G.V. Karnat, Goa University was the Chief Guest for the function. Certificates were issued to the participants of the workshop, in token thereof for having attended the workshop.

#### **Handball Clinic :**

A Handball clinic was organised by the Director of Sports for the benefit of all the Director of Physical Education of all colleges during the national handball championship and the Federation cup which was organised at the Nehru Stadium, Fatorda. The National coach alongwith senior technical officials of the Handball Federation of India helped in conducting the clinic in which theoretic and practical knowledge was imparted to the participants.

The Registrar, Shri. G.V. Karnat was present at the validictory function of the clinic.

#### **IV. Organisation of Inter Collegiate Tournaments :**

With the appointment of a full time Director of Sports the Directorate of Sports conducted the 1991-92 Inter Collegiate tournaments. In addition to the 27 disciplines the Directorate of Sports introduced Handball for both men and women and tournaments were conducted smoothly and successfully.

V. The VI Goa University Athletic Meet was held at

Campal Sports Complex. Shri. R. Kapoor, senior Vice-President, Finance of Zuari Agro Chemicals was the Chief Guest for the final day. The Speaker of Goa Assembly Shri. Shaikh Hasan Haroon was the Chief Guest for the opening ceremony which was presided over by the Vice-Chancellor, Dr. P.R. Dubhashi.

The Individual championship in men's event went to Mr. Furtato Aurovill de Jesus of Damodar College while in the women section the championship went to Shaminy D'Silva, Chowgule College. The team championship was bagged by Bandekar College.

The overall functioning of the Sports department was appreciated by all including the Sports Authority of Goa and the Directorate of Sports and Youth Affairs as also by the affiliated colleges.

**ANNEXURE - I**

**EXPENDITURE OF GOA UNIVERSITY**

*Rs. in lakhs*

	Budget Estimates (1991-92)			Revised Estimates (1991-92)			Actuals (1991-92)			Budget Estimates (1992-93)		
	Recur- ring	Non- Recur- ring	Total	Recur- ring	Non- Recur- ring	Total	Recur- ring	Non- Recur- ring	Total	Recur- ring	Non- Recur- ring	Total
Plan	83.03	357.50	440.53	73.01	226.25	299.26	39.26	207.53	246.79	116.44	283.56	400.00
Non- Plan	214.29	19.60	233.89	199.67	30.85	230.52	180.35	19.11	199.46	245.49	14.80	260.29

**ANNEXURE-11**

**LIST OF THE MEMBERS OF THE EXECUTIVE COUNCIL**

- |   |                            |   |                           |
|---|----------------------------|---|---------------------------|
| 1. Vice-Chancellor  | - Chairman<br>(Ex-Officio) | 8. Shri M. N. Samant  | - Member                  |
| 2. Dr. P. N. Srivastava<br>Nuclear Science Centre,<br>Jawaharlal Nehru University,<br>P.O. Box 10502,<br>New Delhi - 110 067      | - Member                   | Dean, Faculty of Law,<br>Mahadevrao Salgaocar College of Law,<br>Miramar, Panaji, Goa.    |                           |
| 3. Justice Dr. G. F. Couto<br>La Campala,<br>Miramar, Panaji, Goa.<br>(upto 18.9.1991)  | - Member                   | 9. Dr. B. A. Sinari   | - Member                  |
| 4. Shri Shivanand V. Salgaocar<br>Salgaocar House,<br>Vasco-da-Gama.  | - Member                   | Prof. and Head of Philosophy,<br>Goa University, Taleigao Plateau.                        |                           |
| 5. Dr. G. J. S. Abraham<br><b>E-4</b> , Govt. Bungalow,<br>Altinho, Panaji, Goa.  | - Member                   | 10. Shri V. R. Shirgurkar   | - Member                  |
| 6. Shri A. J. S. Sahney<br>Secretary to Governor of Goa,<br>Raj Bhavan, Dona Paula, Goa.  | - Member                   | Principal, Smt. Parvatibai<br>Chowgule College of Arts &<br>Science, Margao, Goa 403 601. |                           |
| 7. Dr. (Miss) Jennifer Fonseca<br>Dean, Faculty of Education,<br>Nirmala Institute of Education,<br>Altinho, Panaji, Goa 403 001. | - Member                   | 11. Secretary (Finance)   | - Member<br>(Ex-Officio)  |
|   |                            | Govt. of Goa, Secretariat,<br>Panaji, Goa.  |                           |
|   |                            | 12. Secretary (Education)   | - Member                  |
|   |                            | Govt. of Goa, Secretariat,<br>Panaji, Goa.  |                           |
|   |                            | 13. Registrar   | - Member-                 |
|   |                            | Goa University  | Secretary<br>(Ex-Officio) |
|   |                            | 14. Dr. B. N. Desai   | - Special Invitee         |
|   |                            | Director,<br>National Institute of Oceanography,<br>Dona Paula, Goa.                      |                           |

## ANNEXURE - III

### LIST OF MEMBERS OF THE ACADEMIC COUNCIL AS RECONSTITUTED IN AUGUST, 1990.

- |  |  |  |          |
|--|--|--|----------|
| 1. The Vice-Chancellor<br>Goa University   | - Chairman<br>(Ex-Officio)             | 16. Shri J. Emmanuel<br>Principal, Goa College of<br>Pharmacy, Panaji, Goa                         | - Member |
| 2. Dean, Faculty of Pure Sciences  | - Member<br>(Ex-Officio)               | 17. Shri G. V. Nadkarni<br>Principal, Dhempe College of<br>Arts & Science,<br>Miramar, Panaji, Goa | - Member |
| 3. Dean, Faculty of Applied Sciences   | - Member<br>(Ex-Officio)               | 18. Sr. M. Rossane<br>Principal, Carmel College for<br>Women, Nuvem, Salcete, Goa                  | - Member |
| 4. Dean, Faculty of Medicine   | <del>Member</del><br>(Ex-Officio)      | 19. Shri A. G. Jumde<br>- Principal, G. V. M.'s College of<br>Commerce, Fonda, Goa                 | - Member |
| 5. Dean, Faculty of Arts, Humanities<br>& Social Sciences                            | - Member<br>(Ex-Officio)               | 20. Fr. N. Pereira<br>Principal, St. Xavier' College,<br>Mapusa, Goa                               | - Member |
| 6. Dean, Faculty of Engineering &<br>Technology                                      | - Member<br>(Ex-Officio)               | 21. Dr. A. R. PaclOshi<br>Reader, Dept. of Economics,<br>Goa University                            | - Member |
| 7. Dean, Faculty of Law  | -<br><del>Member</del><br>(Ex-Officio) | 22. Dr. (Kum.) Maria Selma Viera de Velho<br>Lecturer in Portuguese,<br>Goa University             | - Member |
| 8. Dean, Faculty of Fine &<br>Performing Art   | - Member<br>(Ex-Officio)               | 23. Dr. Y. S. Prahalad<br>Reader in Mathematics,<br>Goa University                                 | - Member |
| 9. Dean, Faculty of Education  | <del>Member</del><br>(Ex-Officio)      | 24. Dr. G. N. Nayak<br>Lecturer in Marine Science,<br>Goa University                               | - Member |
| 10. Dean, Faculty of Commerce &<br>Management Studies                                | - Member<br>(Ex-Officio)               | 25. Shri B. Ramesh<br>Lecturer in Commerce,<br>Goa University                                      | - Member |
| 11. Dr. L. S. Prabhumirashi •<br>Professor of Physical Chemistry,<br>Goa University. | - Member                               | 26. Dr. Y. C. Mishra<br>Professor, Goa Dental College<br>& Hospital, Bambolim                      | - Member |
| 12. Dr. A. K. Pandey<br>Profesor of Hindi,<br>Goa University                         | - Member                               | 27. Shri G. K. Kelkar  |          |
| 13. Dr. O. J. F. Gomes<br>Professor of Konkani,<br>Goa University                    | - Member                               | 15. Dr. (Kum.) S. Mavinkurve<br>& Science, Miramar, Panaji, Goa                                    | - Member |
| 14. Dr. R. A. Sinari<br>Professor of Philosophy,<br>Goa University                   | - Member                               |  |          |
| Professor of Microbiology,<br>Goa University   |  |  |          |

- |   |                          |   |  |
|---|--------------------------|---|--|
| 28. Shri Umesh M. Bhende<br>Lecturer, G.V.M.'s College of<br>Commerce, Ponda, Goa                           | - Member                 | 32. Dr. J. D. Sethi<br>Ex-Member, Planning<br>Commission, 39/18 East<br>Patel Nagar, New Delhi - 110008                   | - Member                               |
| 29. Shri Jacob Varkey<br>Lecturer, V.N.S. Bandekar<br>College of Commerce,<br>Assagao, Goa                  | - Member                 | 32. Dr. P. N. Chopra<br>Historian, C/2, Kaveri Apartments,<br>Alkananda, New Delhi - 110019                               | - Member                               |
| 30. Shri G. M. Prabhudesai<br>Lecturer,<br>Shree Damodar College of<br>Commerce & Economics,<br>Margao, Goa | - Member                 | 34. Dr. S. S. Johl, Chairman,<br>Agricultural Prices Commission<br>& Ex-Vice-Chancellor,<br>21-C, Gurudev Nagar, Ludhiana | - Member                               |
| 31. The Director<br>National Institute of<br>Oceanography,<br>Dona Paula, Goa                               | - Member<br>(Ex-Officio) | 35. The Librarian<br>Goa University   | - Member<br>(Ex-Officio)               |
|   |                          | 36. The Registrar<br>Goa University   | - Member-<br>Secretary<br>(Ex-Officio) |

#### **ANNEXURE -IV**

##### **LIST OF MEMBERS OF THE COURT AS RECONSTITUTED IN SEPTEMBER, 1990.**

- |  |                            |   |          |
|--|----------------------------|---|----------|
| 1. Vice-Chancellor<br>Goa University   | - Chairman<br>(Ex-Officio) | 7. Dr. P. B. Wader<br>Professor of Marathi,<br>Goa University   | - Member |
| 2. Dr. V. J. Monteiro<br>Dean, Faculty of Medicine,<br>Goa Medical College, Panaji, Goa  | - Member                   | 8. Dr. B. S. Shastry<br>Professor of History,<br>Goa University,<br>Taleigao Plateau  | - Member |
| 3. Dr. A. H. Doctor<br>Dean, Faculty of Arts,<br>Humanities & Social Sciences,<br>Goa University,<br>Taleigao Plateau, Goa       | - Member                   | 9. Dr. V. N. Kamat Dalai<br>Professor of Inorganic Chemistry,<br>Goa University, Taleigao Plateau                             | - Member |
| 4. Prof. G. K. Pacholi<br>Dean, Faculty of Engineering<br>& Technology,<br>College of Engineering, Goa,<br>Farmagudi, Ponda, Goa | - Member                   | 10. Dr. M. A. Shahi<br>Professor of Economics,<br>Goa University, Taleigao Plateau  | - Member |
| 5. Dr. T. S. S. Rao<br>Dean, Faculty of Applied Sciences,<br>Goa University,<br>Taleigao Plateau, Goa                            | - Member                   | 11. Dr. B. V. Nemade<br>Professor of English,<br>Goa University, Taleigao Plateau   | - Member |
| 6. Dr. S. M. Bijli<br>Dean, Faculty of Commerce &<br>Business Administration,<br>Goa University, Taleigao Plateau                | - Member                   | 12. Shri D. S. Bhende<br>Principal, Dempo Charities Trust's<br>Dempo College of Commerce &<br>Economics, Altinho, Panaji, Goa | - Member |
|  |                            | 13. Dr. K. P. Kamat<br>Dean, Goa Dental College &<br>Hospital, Bambolim   | - Member |

- 14., Shri M. S. Kamat - Member  
Principal, Murgaon Education Society's College of Arts & Economics, Zuarinagar
15. Dr. A. K. Heblekar - Member  
Principal, Ponda Education Society's College of Arts & Science, Farmagudi, Ponda, Goa
16. Dr. B. A. Gomes - Member  
Principal, Govt. College of Arts, Science & Commerce; Sanquelim
17. Shri B. Ramesh - Member  
Lecturer in Commerce, Goa University, Taleigao Plateau  
29. The Chairman, - Member
18. Dr. Vijayendra Padmanabh Kamat - Member  
Lecturer in Chemistry, Goa University, Taleigao Plateau
19. Dr. Julio B. D. Fernandes - Member  
Lecturer in Chemistry, Goa University
20. Dr. G. N. Mishra - Member  
Lecturer, Dhempe College of Arts & Science, Miramar, Panaji, Goa
21. Shri Vaman Ramnath Naik - Member  
Lecturer, S. S. Dempo College of Commerce & Economics, Altinho, Panaji, Goa.
22. Dr. Ramkrishna V. Tamba - Member  
Goa College of Pharmacy, Panaji, Goa  
The Chairman, - Member
23. Shri Sabastian Marian Borges - Member  
Lecturer, Smt. Parvatibai Chowgule Cultural Foundation's College of Arts & Science, Margao, Goa
24. Dr. A. M. Mesquita - Member  
Goa Medical College, Panaji, Goa
25. Shri Shankar Narayanan D. Poojari - Member  
Lecturer, Murgaon Education Society's College of Arts & Commerce, Zuarinagar, Goa.  
- Member
26. Dr. Prakash Raghuvir Hede, - Member  
Fonda Education Society's College of Arts & Science, Farmagudi, Fonda, Goa.
27. Dr. G. R. Dukle, - Member  
Lecturer, St. Xavier's College of Arts & Science, Mapusa, Goa.
28. The Manager, - Member  
Carmel Society's Carmel College for Women, Nuvem, Salcete, Goa.  
Dnyanprasarak Mandal  
V. N. S. Bandekar College of Commerce, Khorlim, Mapusa, Goa.
- University Students' Council,  
Goa University, Taleigao Plateau
23. Shri Rashpal Malhotra, - Member  
Director, Industrial & Rural Development Centre, Sector IIA1722, Chandigarh
24. Dr. Bhagat Singh, - Member  
Ex-Vice-Chancellor,  
134-A, Punjabi Bagh, Patiala, Punjab.
25. Shri Hari Jaisingh  
Editor,  
Indian Express Newspaper, (Bombay) Pvt. Ltd.,  
Express Towers, Nariman Point, Bombay.
34. Smt. Kishori Amonkar, Vibhav Apartments, Prabhadevi, Bombay - 25.
35. Shri A. K. Wasnik, - Member  
Chief Officer,  
Margao Municipal Council, Margao, Goa.
36. Shii Chandrakant Velip, - Member  
Labour Commissioner's Office, Junta House, Panaji, Goa.
37. Smt. M. Almeida, -Member  
Headmistress,  
Manovikas High School, Margao, Goa.

38. Smt. Anju Auduth Timblo, - Member  
C/o. Hotel Cidade de Goa,  
Dona Paula, Goa.

39. Smt. N. Y. Kapdi, Finance Officer, - Member  
Goa University, Taleigao Plateau

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

**ANNEXURE - V**

**LIST OF MEMBERS OF PLANNING BOARD**

- |  |                            |  |
|--|----------------------------|--|
| 1. Vice-Chancellor, Goa University   | - Chairman<br>(Ex-Officio) | - Member<br>Director,<br>Centre for Policy Research,<br>Dharma Marg, Channakya Puri<br>New Delhi.                          |
| 2. Prof. M. S. Agwani, Vice-Chancellor,<br>Jawaharlal Nehru University,<br>New Mehrauli Road,<br>New Delhi | Member                     | Or<br>Dr. V. A. Pal Panandikar<br>C/o. Atmaram X. Pai Panandikar,<br>Near Marpol House, or<br>Fatima Convent, Margao, Goa. |
| 3. Dr. S. G. Deo,<br>Dean, Faculty of Pure Sciences,<br>Goa University.                                    | - Member                   | Dr. V. A. Pai Panandikar,<br>C/o. Atmaram X. Pai Panandikar,<br>Near Marpol House, or<br>Fatima Convent, Margao, Goa.      |
| 5.   |                            | Prof. R. P. Bambah, - Member<br>Vice-Chancellor,<br>Punjab University,<br>dhandigarh - 160 014.                            |
|  |                            | 6. Registrar, Goa University - Member Secretary<br>(Ex-Officio)  |

**ANNEXURE - VI**

**LIST OF MEMBERS OF FINANCE COMMITTEE**

- |   |                            |  |                          |
|---|----------------------------|--|--------------------------|
| 1. Vice-Chancellor,<br>Goa University                                 | - Chairman<br>(Ex-Officio) | 5. Dr. G. J. S. Abraham,<br>(Member of E.C.)   | - Member                 |
| 2. Registrar,<br>Goa University                                       | - Member<br>(Ex-Officio)   | 6. Dean of Faculty of Commerce<br>& Management Studies<br>Goa University                           | - Member<br>(Ex-Officio) |
| 3. Secretary (Education)<br>Govt. of Goa                              | - Member<br>(Ex-Officio)   | 7. Shri A. J. S. Sahney,<br>Secretary to Governor &<br>Visitor Goa University,<br>Dona Paula, Goa. | - Member                 |
| 4. Secretary (Finance),<br>Govt. of Goa,<br>Secretariat, Panaji, Goa. | - Member<br>(Ex-Officio)   |  |                          |

The Finance Officer of the University is the ex-Officio  
Member Secretary of the Finance Committee.

**ANNEXURE - VII**

**LIST OF THE DEANS OF FACULTIES OF THE UNIVERSITY**

- |   |                |                                     |                                      |
|---|----------------|-------------------------------------|--------------------------------------|
| #. Dr. S. G. Deo<br>M.Sc.; Ph.D.                | - Pure Science | 3. Shri M. N. Samant<br>B.A.; LL.M. | - Law                                |
| 2. Dr. V. J. Monteiro<br>MBBS, MD, MS, DIPLOMAS | - Medicine     | 4. Dr. A. H. Doctor<br>M.A., Ph.D.  | -Arts, Humanitis<br>& Social Science |



5.	Shri M. G. Joshi G. D. Art	- Fine & Performing Art	8	Dr. (Miss) Jennifer Fonseca M.A.; M.Ed.; Ph.D.	Education
6.	Prof. G. K. Pacholi BE, Dr. Tech., FIE (INDIA)	Architecture & Technology	9	Dr. S. M. Bijli M.A.; <a href="#">M.Com.</a> ; Ph.D.	Commerce & Management Studies
7.	Dr. T. S. S. Rao M.Sc.; D. Sc.	Applied Sciences			

## ANNEXURE VIII

### LIST OF OFFICERS OF THE GOA UNIVERSITY

1	Visitor	His Excellency, Shri Bhanu Prakash Singh, Governor of Goa.	15.	Asstt. Registrar (Admn)	Slid V. J. Kainat B.COIT1,
2	Vice-Chancellor	Dr. P. R. Dubhashi, M.A.; Ph.D.; D. Litt.	16.	Asstt. Registrar (Acad)	Shri M. A. Vaidya B.A.
3	Registrar	Shri G. V. Kamat, M.A.	17.	Asstt. Registrar (Acad)	Shri G. J. S. Talaulikar <a href="#">B. Com.</a> ,
4.	Finance Officer	Smt. N. Y. Kapdi, IA &AS, B.Sc., LL.B.; D.F.M.	18.	Asstt. Registrar (Admn)	Shri S. K. Manjrekar (upto 11/08/1991) <a href="#">B.Com.</a> LL.B.
5	Controller of Examinations	Shri U. S. Parab <a href="#">M.Com.</a> ; B.Ed.	19.	Asstt. Registrar (Finance)	Shri G. D. Nasnodkar B.A.
6	Deputy Registrar (Acad) .	Shri G. D. Dangi B.A.; <a href="#">B.Com.</a>	20.	Project Engineer	Shri K. R. Puranik B.E. (Civil)
7.	Deputy Registrar (GA)	Shri D. P. Pednekar M.A.; B.Ed.	21.	Executive Engineer	Shri P. V. K. Nair B.Sc. (Engg) LL.B.
8	Deputy Librarian	Shri V. R. Navelkar M.A.; M. Lib. Sc.	22.	Asstt. Engineer	Shri V. L. Sawkar B.E. (Civil)
9	Systems Analyst	Shri D. P. Nayak M.Sc.	23.	Asstt. Engineer	Shri S. Talaulikar B.E. (Civil)
10.	Programmer	Shri T. A. Rane M.A.	24.	Asstt. Engineer	Shri A. Srivastava
11.	Programmer	Shri M. Chakraborty, M.Sc.	25.	Director of Sports	Shri Kennedy D'Silva B. Corn. M.P.Ed.
12.	Director of Students' Welfare	Dr. T. D. Halarakar M.A.; Ph.D.	26.	Garden Superintendent	Shri Miguel Braganza M.Sc. (Agri)
13.	Asstt. Registrar (Legal)	Shri U. V. K. Shankwalkar B.A.; LL.B.	27.	Architect	Shri S. A. Jawaid
14.	Asstt. Registrar (Exams)	Shri A. G. Khanolkar			

## ANNEXURE -IX

### LIST OF AFFILIATED COLLEGES AND RECOGNISED INSTITUTIONS IN GOA

#### Colleges other than Professional.

- 1.1 Dhempe College of Arts & Science, Miramar, Panaji, Goa 403 001.
- 1.2 Smt. Parvatibai Chowgule Cultural Foundation's College of Arts & Science, Margao, Goa 403 601.
- 1.3 St. Xavier's College of Arts & Science, Mapusa, Goa 403 535.
- 1.4 Srinivasa Sinai Dempo College of Commerce & Economics, Altinho, Panaji, Goa 403 001.
- 1.5 Carmel College for Women, Nuvem, Salcete, Goa 403 601.
- 1.6 Murgaon Education Society's College of Arts & Science, Zuarinagar.
- 1.7 Shree Damodar College of Commerce & Economics, Margao, Goa 403 601.
- 1.8 V. N. S. Bandekar College of Commerce, Khorlim, Mapusa, Goa 403 529
- 1.9 Goa Vidyaprasarak Mandal's College of Commerce & Economics, Ponda, Goa 403 405.
- 1.10 Ponda Education Society's College of Arts & Science, Farmagudi, Ponda, Goa 403 405.
- 1.11 Naval Academy, INS Mandovi, Verem, Goa 403 109
- 1.12 Cuncolim Education Society's College of Arts & Commerce Cuncolim, Salcete, Goa.
- 1.13 Govt. College of Arts, Science & Commerce, Sanquelim, Goa.
- 1.14 Goa College of Home Science, St. Inez, Goa.
- 1.15 Govt. College of Arts & Commerce, Khandola, Marcela, Goa.
- 1.16 Govt. College of Arts & Commerce, Quepem, Salcete, Goa. .
  - 1.17 Rosary College of Commerce, Navelim, Salcete, Goa.
- 1.18 The Saraswat Vidyalyaya Society's

College of Commerce & Management Studies, Khorlim, Mapusa, Goa.

- 1.19 The Xaverian Educational Society's Fr. Agnel College of Arts & Commerce, Pilar, Goa.

#### Professional Colleges

- 2.1 Goa Medical College, Panaji, Goa 403 001
- 2.2 Goa College of Pharmacy, Panaji, Goa 403 001.
- 2.3 College of Engineering, Goa, Farmagudi, Goa 403 405.
- 2.4 Nirmala Institute of Education, **Altinho, Panaji**, Goa 403 001.
- 2.5 Goa College of Fine Art, Altinho, Panaji, Goa 403 001.
- 2.6 Mahadeorao Salgaonkar College of Law, Miramar, Panaji, Goa 403 001
- 2.7 Govind Rai'math Kare College of Law, Borda, Margao, Goa 403 601
- 2.8 Goa Dental College & Hospital, Barnbolim Goa 403 005
- 2.9 College of Architecture, 'Savitri Niwas' Miramar, Panaji, Goa 403 001.
- 2.10 Kala Academy's Goa College of Music, Panaji, Goa 403 001.

#### III. Recognised Institutions

- 3.1 Xavier Centre of Historical Research, **Porvoriin**, Bardez, Goa.
- 3.2 Goa Institute of Management Studies, Miramar, Panaji, Goa.
- 3.3 Institute of Management Training & Research, St. Joaquim Road, Margao, Goa.
- 3.4 National Institute of Oceanography, Dona Paula, Goa 403 004.
- 3.5 Directorate of Archives Government of Goa, Panaji, Goa 403 001.

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