



GOA UNIVERSITY



ANNUAL REPORT

1992-93

■ 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 9

— Jawaharlal Nehru

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P R E F A C E

I have the pleasure of presenting the Eighth Annual Report of Goa University for academic year 1992-93. The report covers the period from June, 1992 to May, 1993.

The presentation of the report has been done in six chapters. Chapter I deals with University Bodies like the Executive Council, the Academic Council, the Court, the Plan Board and the Finance Committee. The details of these bodies are given in the Chapter in Annexures I, II, III, IV and V.

Chapter II deals with the academic programme. This covers the Faculties, Departments, the affiliated Colleges and recognised Institutions. The number of the Postgraduate Teaching Departments is 23. In addition, the Centre for Latin American Studies Women's Studies continued to function during the year under report along with the Academic Staff College. Other details are *given* in Annexure VI. The number of Colleges, technical professional and other than professional, affiliated to the University is 29. The number of recognised institutions is 5. One more college for imparting instruction in Nursing has been affiliated to the University during the year 1992-93. The other details of the affiliated colleges and recognised institutions are given in Annexure VII. A list of affiliated colleges and recognised institutions is given in Annexure VIII.

Chapter III deals with infrastructural development. This gives the details of infrastructure like the buildings, roads, transport, electricity, water supply, sewerage, postal services, Banking services, etc. Chapter IV deals with the administration. The detailed financial position of University is given in this chapter. The expenditure of the University and other details regarding the officers of the University are given in Annexure IX, X and Chapter V deals with the Library and Chapter VI deals with student activities.

During the year under report, the University has made notable progress. In our effort 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. We have also encouraged N.S.S. and other students' welfare activities. We organised seminars and lectures on various topics through them kept the students and teachers informed about the latest developments in academic and social fields.

I place on record my deepest sense of gratitude to the Visitor for his valuable support to the Government of Goa for its maintenance and developmental grants, to the University Grants Commission and the Central Ministries concerned for the financial support under specific schemes, to the members of the Executive Council, the Academic Council, the Court, the Planning Board and to the several Boards of Studies for their sincere support and 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 to raise the level of standards in our University. Similarly, I appreciate the positive response in all sectors of learning we have had from the student Community, for whose future, we all strive. I am also thankful to the administrative staff for their unstinted and constant endeavour to improve the functioning of the University.

University Offices,
Taleigao Plateau.
February, 1994.

Dr. P.R. DUBHASHI
Vice-Chancellor

CHAPTER I

UNIVERSITY BODIES

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 1992-93 as required under section 26 of the Goa University Act, 1984. Established on 1st June, 1985 as an affiliating-cum-teaching institution of higher learning, Goa University has completed the eighth year of its existence.

I AUTHORITIES OF THE UNIVERSITY:

Separate list of the members of the Executive Council, the Academic Council, the Court, the Planning Board and the Finance Committee are given in Annexures I, II, III, IV, and V.

The details regarding the meetings of the Court, the Executive Council, the Academic Council, the Planning Board and the Finance Committee and the Important decisions taken by these authorities during the year under reference are as follows:-

THE COURT:

Under Section 26 of the Goa University Act, 1984 the Court held one meeting during the year under report. The important decisions taken by the Court in this meeting are given below:-

1. consideration of the Audit Report and Annual Accounts of the University for the year 1989-90.
2. Consideration of the Financial Estimates of the University for the year 1992-93 and the Revised Estimates for the year 1991-92.
3. Consideration of Annual Report of the University for the year 1990-91.

THE EXECUTIVE COUNCIL:

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

(i) RELATING TO UNIVERSITY BODIES:

1. Nominations by the Executive Council on the various University Authorities and Committees.
2. Nomination of a member of Executive Council on the Sports Council of the Goa University.
3. Appointment of Building Committee.
4. Reconstitution of the University Authorities.

5. Amendment to Statute S. 38.5 relating representation of teachers (Other than and Professors) of the University Te Department on the Academic Council University.

(ii) POLICY MATTERS:

1. Repeal of Goa University Employees Attendance and Reimbursement Rules Statute S.51.
2. Reservation of teaching posts for SC/OBC.
3. Consideration of the resolution of Ac Council for appointment of One-Man-Cc sion under Statute S.100.
4. Amendments to Ordinance No. 0.19.6(i)
5. Consideration of proposed amendments ute S.41 relating to the constitution of sity Faculties.
6. Amendment to Statute S. 38.1 relating constitution of the Academic Council.
7. Consideration of the draft Ordinance reIE the constitution of the Board of Evaluat
8. Statutes prescribing service conditions non-teaching staff of the Goa Universit
9. Terms and conditions of re-employed PE ers.

(iii) PERSON MATTERS:

- Repatriation of the services of an Archite S.A. Jawaid.
2. Recognition of persons as a teacher University for M.D. in Pathology undi University.
3. Recognition of person as a teacher of II versity for M.D. (Obstetrics & Gynaec under this University.
4. Recognition of person as a teacher of tf versity for guiding Ph.D. students in the of Marine Science (Physical OceanogrE
5. Creation of new post of Field Assista Additional post of 5 Malis/Gardeners.
6. Extension of contract with M/s. Agnelo rity Agency for the period of one yea 1.9.1992 to 31.8.1993.
7. Re-employment of Dr. S.S. Kulkarni, Re, the Department of English on attaining t

of retirement i.e. 60 years upto the last day of the current academic year 1992-93.

8. Extension of contract of Shri K. R. Puranik, Project Engineer on contract basis.
9. Recognition of person as a teacher of the University for guiding Ph.D. students in the subject of Marine Science (Marine Zoology).
10. Recognition of person as a teacher of the University for Medical degree and diploma (Paediatrics) under this University.

(iv) ACADEMIC MATTERS:

1. Appointment of Dr. V.G. Tikekar as Professor of M.C.A. in the University by invitation.
2. Amendment to Ordinance 0.21.23 relating to the Internal & External components for M.A./M.Sc. restructured courses.
3. Amendments to ordinance 0.22.4.2 relating to the written test under the scheme of change of Faculty/Subject.
4. Award of prizes at post-graduate examinations.
5. Amendment to ordinance 0.26 regarding M.Phil. degree course.

(v) FINANCIAL AND ACCOUNTS MATTERS:

1. Adoption of Annual Accounts for 1991-92.
2. House Building advance and Conveyance Advance for the employees of the Goa University.
3. Introduction of Group Saving Linked Insurance Scheme for Academic and Administrative Staff of the University.
4. Revised Estimates for the year 1992-93 and Budget Estimates for the year 1993-94.

(vi) LEGISLATIVE ADDENDA, AMENDMENTS, ETC.:

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

S.113 - Statute relating to Goa University Employees Medical Attendance and Reimbursement Rules. (The Statute is made in supersession of Statute S.51 of this University).

AMENDMENTS:

1. S.38.1 - Relating to number of members of Academic Council.
2. S.41 - Statute relating to the constitution of University faculties.

Ordinances:

1. 0.21.23 - Relating to result of external examination.
2. 0.22.4.2 - Relating to a written test consisting of two papers.

Addendum:

Statute S. 133 - Relating to Medical Reirment.

ACADEMIC COUNCIL

The important decisions taken by the Academic Council in the meetings are given below

1. Ordinance and regulations relating to 1 year degree course of Bachelor of Engineering (Revised) in Civil, Mechanical, Electronic & Telecommunication and Computer Engineering.
2. Ordinance and regulations relating to the external examination for the degree of Master of Engineering, in Foundation Engineering and Industrial Engineering.
3. Review of ordinance 0.13 regarding B. Sc. Studies in various subjects.
4. Recognition of Senior Secondary School Examination of Human Resource Development for admission to Under - Graduate courses in this University.

PLANNING BOARD:

The important decision taken by the Planning Board in the meetings are given below

1. Income Earning Programme of the University.
2. Introduction of new courses in the University such as a course in Journalism, Diploma in Environmental Pollution Control Technology etc.

FINANCE COMMITTEE:

The important decisions taken by the Finance Committee in its meetings are given below

1. Annual Accounts of Goa University for the year 1991-92.
2. Review of Financial position.
3. Consideration of the Revised Estimate for the year 1992-93 and Budget Estimates for the year 1993-94.

CHAPTER II

ACADEMIC PROGRAMMES:

Goa University completed its shifting of all the teaching Departments and other facilities to Taleigao Campus during the year under review.

A. Post-graduate:

(I) FACULTIES & DEPARTMENTS:

Till 1992-93 the following departments were functioning in the University:

- (i) Faculty of Languages: English; Hindi; Konkani; Marathi; French; Portuguese.
- (ii) Faculty of Social Sciences: Economics; History; Political Science; Sociology; Philosophy.
- (iii) Faculty of Natural Sciences: Mathematics; Physics; Chemistry; Geology; Computer Science & Technology.
- (iv) Faculty of Life Sciences & Environment: Botany; Zoology; Microbiology; Marine Biotechnology; Marine Science.
- (v) Faculty of Commerce: Commerce.
- (vi) Faculty of Management Studies: Management Studies.

New Courses: The University started 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.

(vii) MULTIDISCIPLINARY CENTRES:

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 related to 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.

(viii) ACADEMIC STAFF COLLEGE:

This University is one of the 55 universities in the country selected by the University Grants Commission for setting up an Academic Staff College which is functioning early in 1988-89. The jurisdiction of this Staff College extends not only to the area of this University, but also that of Shivaji University and four other universities under the University of Bombay.

(ix) 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. 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 Konkani speaking region, its people, history, geography, art and culture, customs and manners, etc.

The Encyclopaedia will consist of 3000 pages in three volumes around 1000 pages each. The source material based on information available in English, French, Portuguese, Hindi, Konkani, Marathi, Kannada, etc. and specialised works. Original articles on topical subjects that have not been dealt with in other works, will be written by scholars conversant with the project. Illustrations will be given wherever necessary.

The first volume of the Konkani Encyclopaedia containing 1200 English pages and about 250 illustrations released on 30th November, 1992. The project is headed by the hands of eminent Kannada Dyanpith award winner and Konkani Encyclopaedist, Dr. Shivram Kar. A special function presided over by Vice-Chancellor Dr. P.R. Dubhash.

The work of the second and third volumes is in progress and it is expected that the volumes will be released by 1994.

This project will be first of its kind in Konkani and will go a long way in

ing valuable information to Konkani readers.

B. Affiliated Colleges :

In all 30 colleges covering a wide spectrum of academic disciplines have been affiliated to Goa University.

They are:

- (a) Arts, Science & Commerce
- (2) Medicine, Dentistry, & Pharmacy
- (3) Law
- (4) Education
- (5) Home Science
- (6) Engineering & Architecture
- (7) Fine Art
- (⁵) Music

of the affiliated colleges, 10 are Government colleges and the rest under private managements.



CHAPTER III INFRASTRUCTURAL DEVELOPMENT

The young University Like Goa University to build up its own infrastructure. The University is fortunate in having its campus over a plateau of several hectares overlooking the Zuari river and the sea. However, on the campus there came up a complex of buildings for carrying out various activities of the University. The administrative offices, faculty quarters and 92 numbers of residential quarters and I halls have been completed. The administrative block shifted to its new block on the campus in January 1990 and is functioning there. The blocks for Pure Sciences and Applied Science faculties occupied by the faculties concerned. The 1311 faculty of Arts, Humanities and Social Sciences completed and occupied. Today now the infrastructural facilities like roads, transportation, water supply, sewerage, etc. are complete. The University has also provided Post Office, Printing Press, Guest House, Kiosks, and Canteens. The Boys and Girls Hostels have been constructed and occupied by students. The construction work of the University Library Building, a modern Glass House and the USIC Building are in full swing.



CHAPTER IV

ADMINISTRATION

FINANCIAL POSITION:

(A) Grants from the State: As a State University, the University is supported by maintenance and development grants from the State Exchequer.

(B) Grants from University Grants Commission: The following grants were released as shown below for the year 1992-93:

1. Academic Staff College	Rs.17,50,000.00
2. Grants for M.C.A. Department	Rs. 2,00,000.00
3. Joint UGC-CSIR Research Fellowship	Rs. 32,100.00
4. Unassigned Grants	Rs. 1,14,157.00
5. University Science Instrumentation Centre	Rs. 4,95,000.00
6. 80th Indian Science Congress	Rs. 3,00,000.00

(C) The following grants have been received from the Central Government Departments and other agencies for the year 1992-93 (Names of the individual members connected with the project are indicated in the bracket).

1. Council of Scientific & Industrial Research	CSIR Fellowship	Rs. 84,735.00
2. — do —	Project of Interaction (Dr. S. Mavinkurve)	Rs. 45,200.00
3. — do —	Development of Industrial & Auto-Exhaust gas treatment catalysts (Dr. A.V. Salkar)	Rs. 1,67,500.00
4. Department of Science & Technology	Petrology of Xenolith bearing alkaline dyke swarm associated with Deccan volcanism South of Bombay (Dr. A. G. Dessai)	Rs.11,30,000.00
5. — do —	Organisation of IV SERC School in Nuclear Physics - (Dr. R.B. Prabhu)	Rs. 4,85,000.00

6. Department of Biotechnology	Post-graduate course in Marine Biotechnology	Rs. 6,33
7. — do —	National Science Day	Rs. 54
8. — do —	Application of Natural & Recombinant Micro-organisms to Biosurfactant production, oil spill degradation & pollution control (Dr. U.M.X. Sangodkar)	Rs.18,62
9. Indian Council of Cultural Relations	Scholarship to Angolan students	Rs. 10
10. Indian Council of Historical Research	Maritime Policies & the State of Knowledge of Sea in Portuguese, Goa.	Rs. 11
11. Deptt. of Environment Forest & Wild Life	Mining Activity & its impact on water chemistry, Microbial Ecology & Environment, Bicholim Taluka Western Ghat, Goa. Possible restoration measure - (Dr. U.M.X. Sangodkar)	Rs. 1,27
12. — do —	Texonomic & Ecological Survey of the Lakshdweep for Perumal Marine Park - (Dr. C.L. Rodrigues)	Rs. 57
13. Dept. of Non-Conventional Energy Sources, Ministry of Power & NES	Energy Plantation & Demonstration Programme on 50 Ha. of land of Goa University	Rs. 1,00

14. National Board of Higher Education	Library Books & Furniture for Mathematics Dept.	Rs. 50,000.00
15. Shastri Indo-Canadian Institute	Development of Indo-Canadian Studies in the University	Rs. 1,00,000.00
16. Indian Council of Philosophical Research	JRF for Project 'The Essence of Human/Existence Consciousness'- (Ms. M.N. Menezes)	Rs. 20,500.00
—do—	JRF to Mrs. Milan B. Desai	

(C) The following have been received from the State Government Departments for the year 1992-93:

1. Goa State Council for Science & Technology	Survey & identification of edible Mushrooms of Goa - (Dr. S. Mavinkurve)	Rs. 70,500.00
2. — do —	Research & Development of Fuel Cell.	Rs. 47,600.00
3. Goa State Council for Science & Technology	Medical Plants of Goa Chemical Examination in search of Bioactive compound (Dr. S.K. Paknikar)	Rs. 44,800.00
4. — do —	Studies in Improving garbage disposal system in Goa (Dr. Joe D'Souza)	Rs. 59,000.00
5. Goa Govt. Grant-in Aid	Construction of Glasshouse & Accessories.	Rs.6,00,000.00



CHAPTER V UNIVERSITY LIBRARY

The Goa University Library came into existence with the establishment of Goa University in June, 1985. The treasure of books, magazines and other material of the University has been increasing year after year. Today, the total collection reached to 65,000 volume of books, covering a wide range 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, Physical 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 434 journals, some of which are also received as gratis. Besides, the Library consists of thesis and several dissertations. In addition to the special needs of Historical Research, a library has been created through Prof. P.S.S. Pissurlencar Collection which consists of 4486 books, journals, documents, photostat copies and microfilms. The Goa University has the following collection of books and journals which enriched the University Corpus.

- a) About 610 books from the heirs of Prof. V. Sukhtankar.
- b) About 80 books in Portuguese from Dr. S. Tamba.
- c) A collection of about 467 books in Philosophy (of Prof. D. Andrade's Collection from Bombay Philosophical Society, Bombay)
- d) About 519 books in Portuguese mainly concerned with Portuguese Literature of 17th Century from Advocate Paul Mascaret 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. Not donated by Shri Carmo Azavedo on Goa Goan authors.

About 324 books mostly on Ayurveda from Raghuvir P. Sinari.

A collection of books numbering 289 in Portuguese from Shri Xavier De Monte Furtado.

- j) 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 periodical mostly in Portuguese from Gulbemkian Foundation through Embassy of Portugal in India.

- l) A collection of about 499 books and magazines from Bertha Menezes Branganza.

- m) A collection of about 700 books in Marathi, Portuguese and English from Shri Anant R.S. Dhume.

- n) A collection of about 1000 books and more than 200 journals belonging to Shri S. Annonkar.

- o) A collection of about 300 books on Canadian Literature received from Shastri Indo-Canadian Institute, New Delhi.

- p) A collection of about 585 books mostly in Philosophy from Dr. G.N. Lawande.

A collection of books mostly in Portuguese received from Mr. Nuno Gonsalves from Portugal has further enriched the Library as for study of Indo-Portuguese relations are concerned. There are 2944 books and journals in this collection. Computerised list subjectwise, titlewise and authorwise 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.

I Working Days

The Library is kept open for all the days except Sundays throughout the year. Besides the normal working hours of the Library, the reading rooms are kept 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.

Readers and use of Library :

The University has 1000 registered members including the staff members and casual visitors, Inter Library exchanges of books and journals is encouraged and the journals are regularly exchanged with the Librarian National Institute of Oceanography.

Teachers and students of the colleges are encouraged to use the University Library and the reference and borrowing facility is extended to them. Ph.D. students issued ten books at a time as a special privilege to boost research activity in the University.

The Library continues to receive provision of books/periodicals from numerous libraries and institutions.

IV. Other Materials:

Several maps and audio video/cassettes are collected by the Goa University Librarian

Bibliographical and Documentation Section

Bibliographies of reading materials available in the Library were compiled and supplied on demand to staff members on special request. A list with the latest additions is circulated to University Departments. Recently, an annual list of periodicals holdings of the Library has been published. A Library hand-book containing details about the Library collection is also being published. Exhaustive list of books on Goa appearing on various journals is ready.

Recently Library has acquired PC/AT under INFLIBNET Programme sanctioned by U.G.C.

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 catalogues are maintained. There are subject catalogues for collections. Moreover, library collection (Books & Journals) is computerised now. Serious Reader/Researcher can avail the facility of having a print out of holdings of the Library: authorwise, subjectwise etc.

Activities :

An exhibition of books was held in the Library during November, 1992 to mark the 'National Book Week' having a theme 'Swami Vivekananda', 'Columbus's America', 'Goa After Liberation' and recent general works.

Participation in Seminars/Conferences/Workshops:

V.R. Navelkar participated in the seminar on INFLIBNET Programme held at Gulbarga University.

Training of Library Staff:

Shri Vivek Pissurlekar and Smt. Daya Mitragotri attended a training course on "Application of Computers to Library and Information Services" held at INFLIBNET programme, Ahmedabad from 20.11.1992 to 16.12.1992.



CHAPTER VI STUDENTS ACTIVITIES

A. SPORTS:

During the year the department organised the following inter-collegiate competitions:

1. **Badminton (Men & Women)**
2. Judo (Men)
3. Football (Men & Women)
4. X-Country (Men & Women)
5. **Cycling (Men)**
6. Kho-Kho (Men & Women)
7. Weight Lifting, Body Building & P. Lft.
8. **Kabaddi (Men & Women)**
9. **Table Tennis (Men & Women)**
10. Chess (Men & Women)
11. Volleyball (Men & Women)
12. **Hockey (Men & Women)**
13. **Basketball (Men & Women)**
14. Swimming (Men & Women)
15. Handball (Men & Women)
16. **Tennikoit (Women)**
17. **Athletics (Men & Women)**
18. Cricket (Men & Women)
19. Ball Tennis (Men & Women)

In addition to the above disciplines, **Ball (Men & Women) and Cycling (Men)** were introduced for the very first time during the year 1992-G

At the All India Inter-University Tour our **Men and Women teams brought home a laurel wreath winning the prestigious gold medals and playing excellent football.**

Our Athletic team which was due to participate at the Inter-University Tournament had to withdraw at the last minute due to riots in North India.

COACHING CAMP:

The Sports Department organised a one days coaching camp for football (Men & Women) with a view to prepare our teams to reap a rich harvest of medals and retain the Football title as all footballers proved our point.

In order to encourage mass participation in sports and games the Directorate of Sports has made a lot of changes in the organisation of Inter-Collegiate

Sports during the year. Unlike the previous years this year we organised many tournament on two zone basis stretching all the departmental resources of man power, time and money

ATHLETIC MEET:

The VI Goa University Inter-Collegiate Meet was held w.e.f. 27th to 29th January, 1993 at Campal, Panaji. In all 265 Athletes from 20 affiliated colleges participated in the competitions. Two new records in 800 mts. and 10,000 mts. were set by the dedicated efforts of good Athletes. The Individual Championship for Women was bagged by Harsha Karpe of St. Xavier's College and Torcato Fernandes of M.E.S. College claimed the Men's Individual Title. The General Championship of the meet was won by St. Xavier's in Women's section and by Bandekar College in the Men's section.

Organisation of Inter-University Football West Zone Tournament 1992-93:

The Goa University was given the task of organising the West Zone Inter-University Football (Men) Tournament w.e.f. 18th to 25th November, 1992.

In all 13 teams participated in the West Zone Competition which was hosted at the esteemed International standard grounds of Jawaharlal Nehru Stadium, Margao.

Shri Francisco Sardinha, was the Chief Guest at the Opening Ceremony, Victor Gonsalves was the Guest of Honour and the Vice-Chancellor, Dr. P.R. Dubhashi, Goa University presided. Shri Sanjay Bandekar was the Chief Guest at the Closing Ceremony on the final day, Shri Ramakant Angle was the Guest of Honour while Shri G.V. Kamat, Registrar, Goa University, presided.

B. NATIONAL SERVICE SCHEME:

Aims and Objectives: The overall objectives of the National Service Scheme, as envisaged originally, was extension of service of the community offered by the students while under-going 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 im-

provement of personality while service to community is a means through which such improvement is sought to be achieved. The objective of the scheme as restated, is therefore, development of personality of students through community service. This objective is sought to be achieved of the students to:—

- 1) Understand the community in which they live
- 2) Understand themselves in relation to the community.
- 3) Identify the needs and problems in the community in the solution of which they are interested
- 4) Develop among themselves a sense of social and civil responsibility.
- 5) Apply their education in finding practical solution to individual and community problems
- 6) Develop competence required for group work and sharing responsibilities.
- 7) Gain skills in mobilising community participation.
- 8) Acquire leadership qualities and democratic attitude.
- 9) Develop capacity to meet emergency situations, natural disasters and practice national service.

THE MOTTO:

The motto or watch word of the NSS is "I AM FOR ME BUT YOU". This expresses the essence of democratic living and upholds the principle of selfless service and appreciation of the human man's point of view and also to show consideration for fellow human beings. It underlines that the welfare of an individual is ultimately dependent on the welfare of society as a whole. Therefore, it should be the aim of the students to demonstrate this motto in its day to day programme.

With a view to keep the above objective in mind, the Goa University has enrolled 1500 volunteers from different colleges in the regular activities and 1500 for special activities programme.

Regular activities undertaken during 1992-93 are as follows:—

- 1) Arranged lecture and discussion on the Dowry.

- 2) Arranged literacy rally and meeting in adopted village.
- 3) Celebrated Independence Day and Sadbhavana Diwas.
- 4) Planted 600 trees and collected funds for Vivekanand Bharat Parikrama.
- 5) Archological Project
- 6) Illiteracy Survey
- 7) M. P. F. L.
- 8) Participation in Vivekanand Bharat Parikrama
- 9) Blood Donation Project.
- 10) Undertaken Adult Literacy
- 11) Created awareness about 'AIDS'
- 12) Two volunteers participated in R.D. parade 1992 at New Delhi
- 13) Organised Leadership Training Programme from 13th to 15th December, 1993 at Youth Hostel, Panaji, total 40 NSS volunteers participated in the programme from various colleges in Goa.

SPECIAL CAMPS (Y.F.R.R.C.):—

Many colleges successfully conducted the special camps in their adopted villages during October and December vacation.

C. STUDENTS' WELFARE & CULTURAL AFFAIRS

Goa University aims at total development of students community. Hence in addition to the academic programme, it gives great importance to co-curricular activities.

Director: Dr. T.D. Halarnakar

Directorate of Students' Welfare & Cultural Affairs undertakes curricular and extra-curricular activities of the students of Goa University. 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 represents the Post-graduate Students only.

Activities: Essay, Debates, Elocutions:

Sri Naguesh Sardesai, student from Pc Science, won prize in National Essay Competition organised by Rajiv Gandhi National Sadbhavana Award, New Delhi.

2. Goa University organised two Essay competitions for the students, sponsored by Central Latin American Studies and Rajiv Gandhi National Sadbhavana Award, New Delhi.
3. Goa University organised two Inter-Collegiate Elocution Competition for the students, sponsored by National Council for Cooperative Education, New Delhi and Anti Dowry Movement Bombay.
4. Goa University organised Inter-University Debating Competition on Co-operation sponsored by National Council for Cooperative Training, New Delhi.
5. Goa University won first prize in Inter-University Elocution Competition held at Feroz Khan Noon Centre for Cooperative Education, New Delhi organised by Anti Dowry Movement, Bombay. Shri Dinesh Lobo and Kum. Meeta Shastri represented Goa University.
6. Goa University participated in Inter-University Youth Festival (West Zone), organised at Bhavanagar, Gujarat and won prize and qualified for National Youth Festival at Nagpur University, Maharashtra.
7. Goa University Students' Council, organised UNIGO '93, an Inter-Collegiate Youth Festival.
8. The Post-graduate students of Goa University participated in Inter-Collegiate One Academic Competition organised by Kale Acal Panaji, Goa.
9. Goa University organised musical programme of Snant. Alka Deo Marulkar, University for the students and Staff.
10. Shri Purnanand Chari and Kum. Smita from Post-graduate departments won second prize in Inter-Collegiate Poetry Competition, organised by Govt. College of Science, Khandola.
11. Kum. Sangeeta Manerikar, [M.Com.](#) student won second prize in Inter-Collegiate Elocution Competition.

ANNEXURE-I

List of the Members of the Executive Cc

- petition, organised by Maharashtra Information Centre. She also won second prize in Elocution Competition organised by K.B. Naik Memorial Trust.
12. Post-graduate Students' Union organised Inter-Faculty Sports Tournaments and Cultural Programme.
 13. The N.C.C. Cadets from Dhempe College and S.S. Dempo College, undertook a massive tree plantation on the campus of Goa University.
 14. Dr. T.D. Halarnakar, Director of Students' Welfare visited Mudurai Kamraj University (Karnatak) to study students activities/ services in these Universities.



1. Vice Chancellor
Goa University
Chairm
(Ex-Off)
2. Dr. B.N. Desai
Director,
National Institute of
Oceanography,
Dona Paula, Goa.
Membe
3. Shri A.P. Bhatikar
Chairman,
Mormugao Port Trust,
Mormugao, Goa.
- Membe
4. Professor K.J. Mahale,
C/O Dr. Kiran Khanolkar,
Deluxe Apartments,
Tonca, Caranzalem,
Goa - 403 002.
- Membe
5. Shri Shivanand Salgaonkar, - membe
Industrialist,
Vasco-da-Gama, Goa
6. Adv. Gurudas V. Naik - Membe
Menino Building,
Ponda, Goa.
7. Professor A. H. Doctor - Membe
Dean,
Faculty of Social Sciences,
Goa University.
8. Dr. V.J. Monteiro - membe
Dean,
Goa Medical College,
Bambolim, Goa.
9. Shri D.V. Borkar, - Membe
Principal,
Shree Damodar College of
Commerce & Economics,
Margao, Goa
10. Dr. S. K. Paknikar - Membe
Professor of Chemistry,
Goa University.
11. The Secretary (Finance)
Government of Goa,
Secretariat,
Panaji, Goa
Membe
(Ex-Off)
12. The-Secretary (Education)
Government of Goa,
Secretariat,
Panaji, Goa
Membe
(Ex-Off)
13. The Registrar,
Goa University
- Membe
Secret
(Ex-Off)

ANNEXURE II

List of the Members of the Academic Council

1. The Vice-Chancellor Goa University	– Chairman (Ex-Officio)	14. Dr. U.M.X. Sangodkar, Professor, Deptt. Of Marine Science, Goa University	Membei
2. Dean, Faculty of Natural Sciences Goa University	Member (Ex-Officio)	15. Dr. V. Shivakumar, Professor, Centre for Latin American Studies Goa University	Membei
3. Dean, Faculty of Life Sciences & Environment, Goa University.	• Member (Ex-Officio)	16. Dr. S. K. Paknikar, Professor, Deptt. of Chemistry, Goa University	Membei
4. Dean, Faculty of Medicine	Member (Ex-Officio)	17. Shri D.S. Bhende, Principal, S.S. Dempo College of Commerce & Economics, Altinho, Panaji.	Membei
5. Dean, Faculty of Social Sciences	Member (Ex-Officio)	18. Dr. (Miss) Z. Pabani, Principal, Goa College of Home Science, Campal, Panaji, Goa.	Membei
6. Dean, Faculty of Engineering & Architecture	Member (Ex-Officio)	19. Shri V.R. Shirgurkar, Principal, Smt. Parvatibai Chowgule College of Arts & Science, Margao, Goa.	Membei
7. Dean, Faculty of Law	Member (Ex-Officio)	20. Shri P.N. Timble, Principal, Govt. College of Arts & Commerce, Quepem, Goa	Membei
8. Dean, Faculty of Performing Art & Music	– Member (Ex-Officio)	21. Dr. B.A. Gomes, Principal, Govt. College of Arts, Science & Commerce, Sankhalim, Goa	Membei
9. Dean, Faculty of Languages	Member (Ex-Officio)	22. Dr. K.M. Mathew, Reader, Deptt. of History, Goa University	Membei
10. Dean, Faculty of Commerce	Member, (Ex-Officio)	23. Dr. J.S. Budkuley, Reader, Deptt. of Chemistry, Goa University	Membei
11. Dean, Faculty of Management Studies	Member, (Ex-Officio)		
12. Dr. R.B. Prabhu Professor, Deptt. of Physics, Goa University	– Member		

- | | | | |
|---|--------------------------|--|---|
| 24. Dr. (Smt.) S.M. Noronha,
Lecturer,
Deptt. of Economics,
Goa University | - Member | 35. Dr. S.K. Gandhe,
Pro-Vice-Chancellor,
Indira Gandhi National Open
University, New Delhi | - Membe |
| 25. Dr. M. Ganesh,
Lecturer,
Deptt. of Mathematics,
Goa University | - Member | 36. The Deputy Librarian,
Goa University | - Membe
(Ex-off i |
| 26. Dr. I.K.
Pal,
Lecturer,
Deptt. of Zoology,
Goa University | - Member | 37. The Registrar,
Goa University | - Membe
Secrete
(Ex-Off |
| ANNEXURE III | | | |
| List of Members of the Court | | | |
| 27. Shri Suresh Krishna Naik,
Smt. Parvatibai Chowgule
Cultural Foundation's
College of Arts & Science,
Margao, Goa | Member | 1. The Vice-Chancellor,
Goa University | - Chairm,
(Ex-Offl |
| 28. Dr. Gorakh Nath Mishra,
Dhempe College of Arts &
Science, Miramar,
Panaji, Goa | Member | 2. Dr. S.G. Deo,
Dean,
Faculty of Pure Sciences,
Goa University | - Membe |
| 29. Dr. Shyam Behari Dixit,
Professor,
Goa Medical College,
Bambolim, Goa | - Member | 3. Shri M. N. Samant,
Dean,
Faculty of Law,
M.S. College of Law,
Panaji | - Membe |
| 30. Dr. Atchut Bhalchandra Shanbhag,
Reader & Head,
Deptt. of Zoology,
Goa University | Member | 4. Shri C.S. Naringrekar,
Dean ,
Faculty of Fine &
Performing Art,
Goa College of Music ,
Kala Academy,
Cainpal, Panaji. | - Membei |
| 31. Shri Ganpat Govind Bhakhle,
St. Xavier's College,
Mapusa, Goa | - Member | 5. Dr. (Miss) S. Mavinkurve,
Professor of Microbiology,
Goa University | - Membe |
| 32. The Director of National
Institute of Oceanography,
Dona Paula, Goa | - Member
(Ex-Officio) | 6. Dr. A.K. Joshi,
Professor of English ,
Goa University | - Membe |
| 33. Dr. R.A. Mashelkar,
Director,
National Chemical Laboratory,
Poona | - Member | 7. Dr. S.K. Paknikar ,
Professor of Chemistry,
Goa University | - Membe |
| 34. Dr. B.Nag,
Director,
Indian Institute of Technology,
Powai, Bombay | - Member | 8. Dr. R.B. Prabhu,
Professor,
Deptt. of Physics,
Goa University | - Membe |

9. Dr. V.N. Kamat Dalai, - Member
Professor of Chemistry,
Goa University.
10. Dr. V. Shivkumar, - Member
Professor,
Centre for Latin American
Studies, Goa University
11. Dr. U.M.X. Sangodkar - Member
Prof. of Marine Biotechnology,
Goa University
12. Dr. (Miss) Zahira Pabani - Member
Principal,
Goa College of Home Science,
Dayanand Bandodkar Road,
Campal, Panaji
13. Shri Cajetan P. Fernandes - Member
Principal,
Xaverian Educational Society's
Fr. Agnel College of Arts &
Commerce, Pilar, Goa
14. Shri D.L. Naik - Member
Principal,
C.E.S. College of Arts & Commerce,
Cuncoim, Salcette, Goa
15. Dr. J.B. Fernandes, - Member
Principal,
Govt. College of Arts &
Commerce,
Khandola, Marcela, Goa
16. Shri G.G. Mayekar • Member
Principal,
V.N.S. Bandekar College of
Commerce, Mapusa, Goa
17. Shri Satish G. Hegde, - Member
Dept. of Management Studies,
Goa University
18. Dr. Pallavolu M. Reddy, - Member
Dept. of Marine Bio-Technology,
Goa University,
19. Shri Errol Peter D'Souza, -Member
Dept. of Economics,
Goa University
20. Shri Kashinath G. Hiremath - Member
Dhempe College of Arts &
Science, Miramar, Panaji
21. Shri Suhas J. Godse, . MembE
Dhempe College of Arts &
Science, Miramar, Panaji
22. Dr. Vinay N. Jindal, . MembE
Deptt. of Neuro Surgery,
Goa Medical College,
Bombolim, Goa
23. Dr. Pawan Kumar Chandra, - MembE
Goa Dental College & Hospital,
Bambolim, Goa
24. Smt. Maria Luissa A.J. Valladares
Carmel College for Women, - MembE
Nuvem, Goa.
25. Shri Ulhas G. Shetye . MembE
Melquides Building,
Fr. Joseph Vaz Road,
Vasco-da-Gama, Goa.
26. Shri C.S. Gokhale, . MembE
College of Engineering,
Farmagudi, Goa
27. Shri Armando B. Coelho, . MembE
St. Xavier's College of
Mapusa, Goa
28. The President, . MembE
Dhempe Charities Trust,
Dempo House,
Campal, Panaji, Goa
29. The Vice-President, MembE
Chowgule Education Society,
Mormugao Harbour, Goa
30. The Chairman, . MembE
University Students' Council, (Ex-Of1
Goa University
31. Admiral Jayant Nadkarni (Retd), B-
341 Clover Garden, - MembE
4, Naylor Road, Pune 411 001
32. Prof. D.B. Wagh, Membe
249 Shaila Telang Road,
Matunga, Bombay - 19
33. Shri Ramesh Pai, - MembE
Chairman,
T.A. Pai Foundation,
Manipal, Karnataka

34. Dr. D.R. Sardesai, - Member
President,
The Asiatic Society of Bombay
10-A Lands End,
Malbar Hill,
Bombay 400 006

35. Shri Shambhu Bhau Bandekar,
Ex-Dy. Speaker, Member
H.No. 4/16-A, Tabrawado,
P.O. Saleigao, Bardez, Goa

36. Shri Tukaram Gaunkar, - Member
Principal,
Higher Secondary Section,
P.E.S. College,
Farmagudi, Ponda, Goa.

37. Smt. Nirmala Sawant, - Member
Marcela, Goa

38. Smt. Suman Pednekar, - Member
Principal,
District Institute of
Education & Training,
Alto Porvorim, Goa.

39. Shri D.P. Pednekar, Member
Deputy Registrar
Goa University.

40. Registrar, - Member/
Goa University. Secretary
(Ex-Officio)

ANNEXURE - IV

List of Members of the Planning Board

1. Vice-Chancellor - Chairman
Goa University (Ex-Officio)

2. Dr. S.C. Gupte, - Member
Vice-Chancellor,
University of Poona,
Ganeshkhind, Pune.

3. Dr. S.G. - Member
Deo,
Dean,
Faculty of Pure Sciences,

4. Dr. V.A. Pai Panandikar, - Membi
Director,
Centre for Policy Research,
New Delhi

5. Dr. Rame Gowda, - Membi
Vice-Chancellor,
Karnataka University,
Dharwad.

6. Registrar - Memei
Goa University Secret
(Ex-Of

ANNEXURE - V

Litt of Members of the Finance Comm

1. Vice-Chancellor Chaim
Goa University (Ex-Of'

2. Registrar Memb(
Goa University (Ex-Of

3. Secretary (Education), Memb(
Govt. of Goa, (Ex-Of
Secretariat,
Panaji, Goa.

4. Secretary (Finance) - Memb(
Govt. of Goa, (Ex-Of'
Secretariat,
Panaji, Goa.

5. Shri A.P. Bhatikar, - Memb(
Chairman, M.P.T.
Mormugao, Goa.

6. Dean, - Memb(
Faculty of Commerce & (Ex-Of
Management Studies,
Goa University.

7. Shri V.B. Prabhu Verlekar, Memb(
Chartered Accountant,
Panaji, Goa.

8. Finance Officer, - Memb(
Goa University Secret

ANNEXURE - VI UNIVERSITY TEACHING DEPARTMENTS FOR POST-GRADUATE COURSES

The University has the following Post-graduate Departments :

1 Faculty of Languages

- 1.1 - Department of English
- 1.2 - Department of Hindi
- 1.3 - Department of Konkani
- 1.4 - Department of Marathi
- 1.5 - Department of French
- 1.6 - Department of Portuguese

2 Faculty of Social Sciences

- 2.1 - Department of Economics
- 2.2 - Department of History
- 2.3 - Department of Political Science
- 2.4 - Department of Sociology
- 2.5 - Department of Philosophy

3 Faculty of Natural Sciences

- 3.1 - Department of Mathematics
- 3.2 - Department of Physics
- 3.3 - Department of Chemistry
- 3.4 - Department of Geology
- 3.5 - Department of Computer Sciences & Technology.

4 Faculty of Life Sciences & Environment

- 4.1 - Department of Botany
- 4.2 - Department of Zoology
- 4.3 - Department of Microbiology

4.4 - Department of Environmental Science

4.4 Department of Environmental Science

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5 Faculty of Commerce

- 5.1 Department of Commerce

6 Faculty of Management Studies

- 6.1 Department of Management Studies

7 University Centres

- 7.1 Centre for Latin American Studies

7.2 Centre for Women's Studies

8.1 Academic Staff College

9.1 Konkani Encyclopaedia

1.1 DEPARTMENT OF ENGLISH

Teaching and Research Staff :

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

M A

Visiting Teachers :

1. Dr. S.B. Gokhale, Reader, University of visited the Department in November, IE delivered 14 lectures to the M.A. (Part I) in paper EN C 1: Linguistics.
2. **Dr. B. V. Nemade**, Professor of Comp Literature, University of Bombay, visited the Department to deliver a series of 12 lectures to the students of M.Phil. Part I in Paper Language Teaching and Testing. He also conducted a viva-voce examination of a candidate in English during his visit in 1993.

Details of Research Students :

Name of the guiding Teacher	No. of Students
	M. Phil. F
1. Dr. A.K. Joshi	5
2. Dr. S.S. Kulkarni	2
3. Dr. Anand B. Patil	5

1. Shri Aindyn Aga has completed his during the academic year. He becomes 1 student of the Department to complete his in English. He worked under the guidance of Dr. A.K. Joshi, Professor and Head of the Department.

2. Ms. Sandhya N. Bhandari Sequeira has completed her M. Phil. in English during the

'92. She worked under the guidance of Dr. F.A. Fernandes, Reader, Academic Staff College, Goa University.

3. Shri Andre Rafael Fernandez has submitted his M.Phil. Dissertation in English during the academic year. He worked under the guidance of Dr. S.S. Kulkarni, Reader in English.

Research Project:

Dr. A.K. Joshi: Work on a book on Sharacchandra Muktibodh is in progress. Expected to be completed by the end of this academic year.

Visitors to the Department :

Dr. Issac Sequeira, Senior Research Associate in ASRC, Hyderabad, visited the Department on 18th Sept. '92. He delivered a lecture on 'The Main Currents in American Literature'.

Mr. John Agard, a performance poet from United Kingdom was invited by the British Council to India. He visited the Department alongwith Mrs. Tehmi Morris, Assistant English Studies officer from the British Council on 28/1/93. He delivered a lecture on 'West Indian and Caribbean Poets'.

Visits Abroad:

Dr. Anand B. Patil visited Bangladesh to attend a 3 day International Conference on 28 - 30 Dec. 1992. The Conference was held at Dhaka by the English Association of Bangladesh. The major theme of the Conference was English Teaching in South Asia and South Asian Literature.

Participation in seminars, Conferences and Workshops :

Dr. A.K. Joshi

- 1) Participated in Seminars organised by the Department of Hindi and Marathi, Goa University.
2. Helped in the organisation of a seminar on Canadian Studies conducted at the Goa University on 11th & 12th March, 1993.
3. Helped in organising the Annual Conference of Indian Association of American Studies on 30th and 31st March, 1993.

Dr. Anand B. Patil.

- 1: Presented a paper at the International

Conference organised by the English Association of Bangladesh, Dhaka, on 28-30 Dec and delivered two lectures on 'Indian Res to English Literature' at Dhaka and Jahagi University in Bangladesh.

2. Presented a paper at Q - Club, Go verty on 19.9.1992.
3. Participated in Hindi Seminar on 2 Nov. 1992.
4. Participated in a Seminar on D.R. Be Poetry, Panaji on 14.11.1992.
5. Presented a paper : Don Quixotism erary Tradition' at Seminar organised by Sangosti Mandal, Panaji.
6. Chaired one paper Reading Sess 27th Annual Conference of the Indian As trt5n for "AmeraIn Studies Tield at CCAUniv on 29.3.1993.
7. Presented a paper at the Seminar on Folklore held by theDepartment of Histor University on 16-17 April, 1993.

Smt. Anita P. Vashishta

1. Participated in the Canadian Semin titled Canada and India : A Comparativ spective held at Goa University on 11 March 1993. Contributed a paper entitle(figurations : Perception and Perspect Poetry of Atwood.
2. Participated in the Annual Seminar Indian Association for American Studie at Goa University from March 29 - 31, Contributed a paper entitled Vicissitu(Consciousness : Reality and Experience Play of Sam Shepard.
3. Participated in a Group Discussio gave a talk entitled Don Quixote : Styl Influences at the Sahitya Samvad Litera rum, Goa.
4. Participated in the I.C.S.S.R. Wor on Goan Folklore : Theories, Perspectiv(Methodologies held at Goa University fr - 17 April, 1993.
5. Participated in and attended the Teachers' Training Programme conduc the Department of Computer Science, University from 20th July, 1992 to 18th A 1992.

Dr. K.S. Bhat

1. Participated in 'Theory' Seminar held by ASRC, Hyderabad from 17th Dec. to 19th Dec. 1992 and presented a paper titled "The Policies of Reading and the Birth of a Classic : Justaposing Moll Flanders with If Tomorrow Comes".

2. Presented a paper titled "The Prison House of History : Understanding the Making of Literature" during English Teachers' Retreat held at Sanquelim Govt. College in January, 1993.

3. Presented a paper titled "Romanticism Revisited" at Q Club.

Smt. K. J. Budkuley

1. Attended 25th Orientation Course at the Academic Staff College, Goa University from 3.9.1992 to 30.9.1992.

2. Presented a paper (at the meeting of All Goa College and University Teachers of English) entitled 'Life and Literature : The Inevitable Equation?'

3. Participated in the Seminar under the Canadian Studies Programme on the theme 'India and Canada : A Joint Perspective' at the Conference Hall, Goa University on 11 - 12 March, 1993.

4. Participated and chaired a session in the Seminar-cum-Workshop on, 'Language and Society : A Case for Konkani', organised jointly by Konkani Bhasha Mandal, Margao and the Department of Sociology, Goa University on 23 - 24 April, 1993.

5. Invited to speak on Don Quixote by Sahitya Samvad at Panaji, Goa.

Shri A.R. Fernandez

1. Attended a Seminar on Latin American Studies conducted by the Centre for Latin American Studies, Goa University, 3 - 4 February, 1993.

2. Participated in the International Seminar : "Canada and India : A Comparative Perspective", jointly organised by the Shastri Indo-Canadian Institute, New Delhi and Goa University, 3 - 4 March, 1993.

3. Assisted in conducting the Literature session at the 27th Annual Seminar of the Indian

Association for American Studies, held University 29-31 March, 1993.

Research Publications and other Articles

Dr. A.K. Joshi

Work on two books was in progress during academic year, one of them has since been completed.

Dr. A. B. Patil

Research Papers published :

1. 'Whirligig of Taste : Decolonization of ing in New Quest, Dec. 1993.
2. 'Whirligig of Taste : Impact on alien Indian Literature, Aug. '93.
3. 'Mulakhatichya Nimitane Ek Maharashtra Sahitya Patrika, March '93;
4. Preface to Biyana Dharalay Komb (F Anil Patil, Indrayani, Pune, 1993.
5. 'Folkloristic Intertextuality in Goa Nov dian Scholar, July 1993.

Books Published :

1. Patalachi Paradeshwari - Kolhapur : Sa 11.3. 1993.
2. Short Stories : RASIK, MARATHWADA, I Diwali Special Issues 'Gurudas' reprint Abhinav Pradeshik Katha and auto Men Aikya, Satara Sahitya Sammelan Ja Patra, Anusthubh, April '93 'Alamchacha 7-1-93.

Articles :

1. 'Travelogue" From Bambolim to Bangl serialised by The Navhind Times in E Marathwada Daily and Sakai Weekly in N

2. Regular contribution to Konkani Vishwi

Radio Talks :

1. Granth Amache Guru, AIR, Panaji -17.1
2. Indianness in Raja Rao's Kantapura, AIR on 21.1.1993.
3. Patra Katha, AIR, Panaji on 27.3.1993
4. Towards Creativity, Yuvavani, **AIR, 1.4**
5. **R.K. Narayan as a Novelist, AIR, 24.4.**

Special Speeches :

1. Presided over Bakibab Kavyotsav and Prize Distribution Ceremony organised by Bhasha Mandal and Konkani Kala Academy on 15 Aug. '92.
2. Presidential Address : Nagesh bab Karmali Felicitation Function at Filar, Solidarity Forum 27.3.1993.
3. Interviewed by Professor Vandana Deshmukh, Amravati on 'Realistic Novels in Marathi and your contribution to it' for her Ph.D. thesis - 28.8.93.

Dr. K.S. Bhat

The Politics of Reading" in Punjab University Research Bulletin, Vol. 23 No. 2 Oct. '92.

10. Any other details :

Dr. A.K. Joshi

1. Gave an Inaugural Lecture on 'The Idea of English Studies' on 10th October '92 at Goa University.
2. Read a paper on 'Orientalism' at the 0 Club.
3. Lectured at the Academic Staff College.
4. Examined a **Ph.D.** Thesis in English of a candidate from the University of Bombay.

Dr. A.B. Patil

1. Assessed the M.Phil. Dissertation of a candidate from University of Bombay.
2. Expert to recommend manuscripts for Publication Grant appointed by Maharashtra Sahitya ani Sanskrati Mandal, Bombay.
3. Member, Experts Panel in English, M.P.S.C. Bombay.
4. Member, Board of Studies in English and Board of Studies in Marathi at Goa University.
5. Delivered lectures to Students in Portuguese.
6. Organised a Yuvawani Programme in English with the students of M.A. Part II Creative Writing Class and it was broadcast by the All India Radio, Panaji, on 1st April, 1993. The programme included students' poems, stories and the discussion on "The Significance of Creative Writing in Life" and recitation of Tagore's poems.

1.2. DEPARTMENT OF HINDI

Teaching and Research Staff :

1. Dr. B.R. Mishra Professor and **M.A., Ph.D.**
2. Dr. B.K. Sharma Reader **M.A., Ph.D.**
3. Dr. (Mrs.) Ishrat Bi Khan Lecturer **M.A., Ph.D.**
4. Dr. S.R. Tripathi Lecturer **M.A., Ph.D.**
5. Dr. R.N. Mishra Lecturer **M.A., Ph.D.**
6. Miss Chhaya Chodankar Lecturer **M.A.**

Contributory Teachers :

1. Dr. A. P. Tripathi, M.A., Ph.D., Reader, Head, Department of Hindi, St. Xavier College, Mapusa delivered 10 lectures to M students.
2. Dr. C.S. Tiwari, M.A., Ph.D., Reader, Head, Department of Hindi, Dehmpa College, Arts & Science, Miramar, Panaji delivered lectures to **M.Phil.** class.

Visiting teachers:

1. Dr. S. K. Mishra, M.A., Ph.D., Professor & I Department of Hindi, S.V. University, Bal Nagar, Anand, Gujarat delivered 8 lectures M.A. Part I, II & M.Phil. in November, 19

Details of Research Students :

Name of the guiding Teacher No. of Students
M.Phil / Ph.D.

1. Dr. B.R. Mishra
2. Dr. B.K. Sharma
3. Dr. S. Tripathi 2

Participation in seminars, Conferences and 1 shops:

Dr. B.R. Mishra

1. Addressed the 'Rashtriya Ekatmata Pariksha' held by Gomantak Hindi Vidyapeeth at F in September, 1992.

- i) Chief Guest in the concluding session of Hindi Workshop conducted by N.1.0., Dona Paula in October, 1992.
- iii) Resource person in Hindi workshop held by Goa Shipyard, Vasco, in December, 1992.
- iv) Chief Guest at the concluding function of Hindi Workshop held by Goa Shipyard in February, 1993.

Dr. B.K. Sharma

- I) Symposium organised by Goa University teachers. Spoke on "Ayodhya Issue - In Multicultural Society".
- ii) Participation in discussion on Ayodhya issue organised by solidarity forum - Pillar.
- iii) Paper presented on 'Shamsher ka Kavya Sansar'.
- iv) Resource person in Hindi Workshop held by **N.1.0.**, Dona Paula Goa in December, 1992.
- V) Presented paper in Seminar of 'Nayee Kavita Aur Nayee Kahaneer mein Mohabhang' held by Department of Hindi, Goa University dated 27th November, 1992.
- vi) Resource person in Hindi workshop held by Goa Shipyard Vasco on 5-12-1992.
- vii) Participated in Literary discussion of Hindi Lekhak Sangh - Hyderabad 31st December, 1992.
- viii) Resource person for Central Translation Bureau Workshop at Goa University on 11 - 12 - 1992.
- ix) Chief Guest in Hindi Workshop held by Indian Air Lines at Dabolim Air Port on 21-1-1993.
- x) Resource person in "Konkani Hindi Cassettes for C.H.I." New Delhi held at Vasco dated 27-1-1993 to 31-1-1993.

De. (Mrs.) Ishrat Khan

- i) Resource person in Hindi Workshop held by N.1.0., Dona Paula Goa in October, 1992.
- ii) Participated in Seminar on 'Nayee Kavita Aur Nayee Kahaneer Mein Mohabhang' organised by the Department of Hindi, Goa University dated 27th November, 1992.

- iii) Resource person in Hindi Workshop I Goa Ship Yard, Vasco in December, 1992.

Dr. S.R. Tripathi

- i) Symposium organised by Goa Uni Teachers - spoke on "Ayodhya Is Multicultural Society".
- ii) Gave a talk on "Ayodhya Issue - in the s organised by the Solidarity Forum, Go,
- iii) Participated in symposium organi; Bombay Patrakar Sangh at Club Hc Churchgate, Bombay.
- iv) Attended seminars organised by Depr of Marathi, Goa University during Mara

Dr. R.N. Mishra

- i) Resource person in Hindi Workshop I N.1.0., Dona Paula, Goa in October, 1992.
- ii) Resource person in Hindi Workshop I Goa Ship Yard, Vasco, in December, 1992.
- iii) Gave a talk on Ayodhya Issue in S organised by the Solidarity Forum, Pile in December, 1992.
- iv) Attended Canadian Studies Seminar or by Academic Staff College, Goa UnivE March, 1993.
- v) Attended Seminar organised by Depart Marathi, Goa University.

Miss Chhaya Chodankar

- i) Attended and participated in discussior day seminar held in November, 1992 by Department on R.V. Pandit.
- ii) Participated in the History Seminar or Folklore' held in March, 1993.

Publications :

Dr. B.R. Mishra

Book :

- i) Agyeya Aur Unaka Upanyas SairsE Bharati, Allahabad.

Articles :

- i) 'Doosari Vamachar' : Satya Ke Saksha Prayas - Roopamber (Calcutta) 92.

Dr. B.K. Sharma

Books:

- i) 'Astitva' (Story Collection), Miling Prakashan, Hyderabad.
- ii) Karfue Ka Dhabbe (Story Collection) Miling Prakashan, Hyderabad.

Articles / Poems / Story published :

- i) Critical essay on 'Kedarnath Agarwal Ka Soundry bodh in Gayana Chan New Delhi, October, 1992.
- ii) Poems in 'Roopambara' Calcutta 1992.
- iii) Story - 'Astitva' in Sahitya Dharmita, Jaunpur, 1992.
- iv) Poems published in 'Madh Mahee' Udaypur, 1992.
- v) Article on 'Ragha Veer Sahay in Sahitya Dharmita (Jaunpur U.P.) August, 1992.
- vi) Poems in Special issue 'Chapte - Chapte'
- vii) Story 'Pathar Ka Aadame in Madhu Matee, Udaipur, April, 1993.

Dr. (Mrs.) Ishrat Khan

Articles :

- i) 'Sahitya Itihas - Lekhak Ke Rup mei Acharya Ramchandr Shukla" (Rashtravani Patrika) December 1992. (Maharashtra Rashtrabhasha Sabha, Pune)
- ii) "Urdu Bhasha Ki Utpatti aur Vikas" (Bharatvani Patrika) Dharwad, January, 1993.

Books :

- i) Hindi Sahitya Ke Itihas Lekhan Ki Parampara, 1992 Pustak Prakashan, Jabalpur.

Dr. Satyadev Tripathi

Books :

- i) Samiksha Ka Vyavaharik Sandarbh : Soch, Sarvekshan Aur Prastiti.
- ii) Shivprasad Singh Ka Parvati Katha Sahitya, Aman Prakashan, Kanpur.

Articles:

- i) Tulsi Ki Bhakti Bhavani Ki Apani Maharashtra Manas (Bombay) 1 - 15 July,
- ii) "Marxvadi Dristi Se Sahityik Kritiyc Sthavitva Ka Prashna" - Maharashtra Manas, (Bombay) 16th to 31st July, 1992.
- iii) Upanyas Ka Saundarya Shastra Madll (Monthly), July, 1992.
- iv) Vishwavidyalayeen Star Par Natyadh Natrang (Quarterly) Delhi, Jan. to Septe 1992 (Ank -55)
- v) Neela Chand : Kitana Dhaval Kitna Ni Dastavej (Gorakhpant) (Ank - 53) Aug.
- vi) Aurat Ke Bahane Mard Kee Vahi Purani D - Dharmyug (Bombay) 1 - 15 November,
- vii) Satya Kahaun Likhi Kagad Kore Kagad (Akharmashi ki Sameeksha) Jangatta, I Sunday 8th November, 1992.
- viii) Prithvi Mahotsav Ki Sameeksha (two w Nay Bharat Times 8th and 15th Nov, 1992.
- ix) Aaj Sajde Vahee Aavara Huye Jate Sabyang (Jansatta) 22nd November, 19
- x) "Apalak Nayanow Kee Nidhi" (Essay) in t Ek Kiran Kau Noon - Published by Ram it Varma Trust.
- xi) Ab Tak Antim Sach - 11th Jan., 1 Jansatta
- xii) Lekhak Ka Sangh Se kya lena - Dena - 17 93 Jansata Sabrang
- xiii) Yatri festival (Rangmanch samiksha) 17th 93 - Navbharat Times.
- xiv) Arhata Ke Panva ki Samiksha 24 Jan Navbharat Times.
- xv) 'Karmelin' (Konkani Novel) Ki Samiksha 1 Feb. 93 Dharmyug.
- xvi) 'Suraj Ka Satavan Ghoda' film Avam Up. Ka Tulnatmak Vivechan, 15th Feb., to 28 93.
- xvii) "Mahadevi Kavya mein Yugbhodh Ke Madhumati, Feb., 93.
- xviii) Vignyan mein puhadata - 4 Apr Navbharat Times.

xix) TinTin Theatre (Balrangmanch) - 9 May, 93
Jansatta Sabrang.

xx) Renu Ke Rachanakar Ko Samjhane Ka Nake
Prayas, 23 May 93 Navbharat Times.

xxi) Parajit Patron Ki Vijayee Kahaniyan - 30 May,
93.

xxii) Swatantryottar Mohbhag Ke Ayam. (Sandarbh
Gramjivan par Adharit Kahani) 'Akshara 23
Jan to June, 93.

Miss Chhaya Chodankar

Articles :

) Snnruti Ani Vatha Daily Gomantak, April, 93.
Balgeet : Appu, Puppuni Gampu & Ga, Ma,
Bha, Na - Daily Gomantak, April, 93.

Any other Details :

Dr. B.R. Mishra is on the Committee for Promotion of Hindi in Goa, appointed by Government of Goa.

Dr. B.K. Sharma is the member of Rastriya Samiti of Janvadi Lekhak Sangh, Secretary of **Sahitya Samvad**, Goa and member of **Andhra Pradesh Hindi Lekhak Sangh**.

1.3 DEPARTMENT OF KONKANI

Teaching and Research Staff :

1. **Dr. O.J.F. Gomes** Professor and Head
M.A., Ph.D.
2. Smt. P.S. Tadmokdar Lecturer
M.A., D.H.E.
3. **Dr. (Smt) Chandralekha A. D'Souza**
M.A.; B.Ed., Ph.D. Lecturer
4. Smt. Madhavi Sardesai Lecturer
M.A., M.Phil.

Visiting Teachers :

Dr. Matthew Almeida, Dr. Manohar L. Sardesai and Shri Pandurang Bhangui delivered two guest lectures each on :

- i) "Mangalorean Contribution to Konkani Prose"
- ii) "The Act of Creation in Poetry" and
- iii) "Konkani Shabdhasagar and the Wealth of

Konkani lexis" respectively, in its guest series.

Research Projects :

Prof. O.J. Gomes continued with his research project of "Reconstruction Konkani Literature", on his own, e) U.G.C. assistance, and reconstructed part of "Vonvalleancho Mollo" of Almeida and "Sant Antonichim Adl of Antonio Saldanha, two of the several prose classics of the 17th century, prescribed for study in Paper - VIII Konkani at the University.

Besides the above, Prof. Gomes conducted research, translation, editing of the portion of the "Medieval Indian Literature" project of the Sahitya Akademi, New Delhi language Editor - Cum - Translator

Prof. Gomes prepared and contributed research notes on a continuing basis on topics for Volume VI of the "Encyclopaedia of Indian Literature" of the Sahitya Akademi Delhi and also served as Editor - Cum - for two Volumes - V & VI - of the Encyclopaedia during the year.

Visitors to the Department :

- (i) Shri Caries Camara, a Doctoral RI Scholar (Sociology) of the Univel Stockholm, Sweden, visited the Department and had discussions with Prof. Gomes on linguistic aspects of his research Konkani language and literature.
- (ii) Shri Prakash Bhatambekar, Western F Secretary, Sahitya Akademi, Bombay visited the Department and discussed with Prof matters relating to Konkani vis-a-vis the Akademi programme relating to it.
- (iii) Shri Nagesh Karmali, noted Konkani who had just received the Sahitya Award, visited the Department and discussed with Prof. Gomes and other staff members teaching and research programme. I presided over the session of the 'All C Leges Poets' Competition held in the C
- (iv) Dr. Robert Newman, formerly of the University of La Trobe, Bundoora, Australia, now in

research scholar and specialist in Goan studies, visited the Department and discussed with Prof. Gomes various issues relating to Goan culture and language studies.

- (v) Shri Lino Leitao, a distinguished Goan expatriate - Short story writer and novelist, living in Canada, and Editor of 'New Canadian Review' published from Quebec, Canada, visited the Department and had discussions with Prof. Gomes on education in Konkani from primary to University levels and on various issues pertaining to Goan culture and its survival among expatriate Goans in Canada.

Visits Abroad:

Prof. O.J.F. Gomes visited Portugal and the libraries and archives of Lisbon, Evora, Coimbra and Braga, in quest of material for his research project " Investigation and research into old Konkani literature" from October, 19th to November 16th, 1992.

Participation in Seminars, Conferences and Workshops :

1. The Department organised a Seminar on "R.V. Pandit and his Literary work" on 8th November, **1992**. Prof. Gomes delivered the Key-note address and Shri Shripad Desai presided. Dr. P.R. Dubhashi, Vice-Chancellor, Goa University, inaugurated the Seminar. Mrs. P.S. Tadkodkar, among others, presented a paper on 'R.V. Pandit and his Poetry.'
2. The Department organised an exploratory Symposium on "Preparation of Konkani Terminology in Professional Spheres," on 13th April, 1993, in which Prof. Gomes delivered the Key-note address.
3. The Department organised a Get-together-cum-Academic Meet of all the College Teachers in Konkani on 27.1.1993 for a discussion on the syllabi at under-graduate level.
4. All Departmental staff participated in the Seminar on "Language & Society - a Case for Konkani", organised by Department of Sociology and Konkani Bhasha Mandal (Goa) on 24.4. 1993. Prof. Gomes chaired one session of the seminar on 'mass literacy', Dr. (Mrs.) C.A.D.'Souza presented a paper on 'Socio-linguistic study and Standardisation of Konkani' and Smt. Madhavi Sardesai a paper on 'Konkani gender'.

5. An All-Goa Poets Competition for Caldeks of Goa was organised throth Konkani Literary Association of the ment of Konkani, on 10.2.1993. Prof. chaired the session.
6. Prof. Gomes participated in a six-day 1 on 'Literary Translation - Indian Persp from 29th March to 2nd April, 1993, or by the British Council in New Delhi, a sented a paper on 'The process of translation - An Indian polyglot's persr He also chaired a session on 'Europear in Translation' at the seminar and in session recited his translations of pc English and Konkani done from otl' guages.
7. He organised a 'Seminar on Konkani lit of Kerala,' on 14th & 15th Oct. 1992 in in his capacity as Executive Board me Sahitya Akademi, New Delhi.
8. He participated in the National Sympo Poets on All India Radio : Goa, on thE Republic Day, 1993.
9. He conducted a Conference on 'Konka, linguistic context of India' in Portugui mainly Goan emigres under the ausr "Casa de Goa", an organisation of Goan: in Lisbon, on 13,11.1992.
10. He organised and conducted the Akademi Annual Conference of its A Board for Konkani in Bombay, on 23 1992.
11. He participated as a member of a panel sion on 'Advantages and opportunities ous levels of education, Government, e the inclusion of Konkani in the VIIIth Sc at the "All India Konkani Sahitya Pa held in Margao, on 16th and 17th J 1993.
12. He participated in a seminar on 'Goan F organised by theDepartment of Hist 16.4,1993.
13. He participated in a U.G.C. Workshop o setting at the National level in New DE

Mrs. P.S. Tadkodkar

- (i) Mrs.P.S. Tadkodkar delivered a s Lectures on 'Konkani Language & Gran

D.I.E.T. - Porvorim Primary Teachers' Workshop. (ii) presented a paper on 'Class and Casteism' and another on 'equality and women' at Marathwada University, while attending an Orientation Course at that Univeristy.

Dr. C.A. D'Souza

Dr. (Mrs.) C.A. D'Souza participated in a N.C.E.R.T. Workshop, Hyderabad from 27.1.1993 to 3.2.1993.

Mrs. Madhavi Sardessai

1. Mrs. Madhavi Sardesai participated in a seminar, organised by Govt. College of Arts & Science, Quepem on 27.11.1992, on 'Assessment of Konkani Syllabus at the B.A. level'.
2. She participated in the Konkani Parishad, 19th meet, at Margao on 16th & 17th January, 1993.
3. She participated in a seminar on "Women & Law" organised by the Women's Study Centre of Goa University on 22.1.1993 and 23.1.1993.
4. Participated in a seminar on Goan Folklore (organised by ICCR & the Dept. of History) on 16.4.1993 and 17.4.1993.

Research Publications and other Articles:

Prof. O.J.F.Gomes

1. His research article on "Trends in Konkani literature was published in the Silver Jubilee Year Special number Volume - XII - 1992 - special Issue on 'Regional Literatures in English Translation' of the Kakatiya Journal of English Studies, of the Department of English, Kakatiya University, Warangal, A.P. Prof. P. Shivkumar, in the introduction to the volume, says about this article the following "an article like this would not only build bridges between regional literatures in India, but would go a long way in helping chart the territory for researchers and translators .. (it is) an examination of their work (in Konkani) as an integral part of the sociological, historical and cultural context of the region - specific environment of Goa".
2. Prof. Gomes's translation in Konkani of the famous poem "Shabd ka Zanma" of the Hindi poet Girija Kumar Mathur, was published as "Utracho Zolm" in the prestigious bi-monthly magazine 'BHASHA' official organ of the Central Hindi Directorate, New Delhi, in its issue of January - February, 1993.

1. His translation in Konkani of a prestigious classic drama of Henrik Ibsen's "Ghosts" titled "Lanvann - Bhutam", has been published in May, 1993.
2. Another translation of his, of 'La Vida es s a famous play of the great Spanish drar Ca'deron de la Barca, directly done from original Spanish, in verse, has been published in Konkani verse as "Jivit Mhollear Sop(May, 1993.
3. His article on plans for the future of Konkani "Sangatan Konkani Fulouvia," has been published in 'Konkan Times' Betim, Goa.
4. His articles on 'Fanchu Loyola - the great freedom fighter' has been published in 'Rashtramat', Margao, on 14-3-1993.

Mrs. P.S. Tadkodkar

Her article on 'Konkani Language' was published in Annual 'Vangaddi', 1992.

2. Her article 'Konkan and Konkani' was published in 'Sayanwarta' from Aurangi Maharashtra.
3. Her translation of articles, 'Sant Sohriob, Ambiyee', was published in daily 'RashtrE Margao.

Mr s. Madhavi Sardessai

Her Konkani translation of Shri Ray Kelekar's Hindi biography entitled 'Mar Gandhi - Ek Jivan' as "Eka Vicharachi Katha", was published in January, 1993.

Any Other Details:

Prof. Gomes

1. Prof. Gomes presented Vichar Dhara (Thought for the day) based on thoughts of Henry I Thoreau, on the 'art of simple living,' (India Radio-Panaji, Goa.
2. Liaised with the Goa Government's Education Department, Konkani Bhasha Mandal, Ministry of Human Resource Development in relation to advice on promotion of Konkani language in the educational sphere.
3. Served on the University's Affiliation Committee as a co-opted member visiting various colleges for the purpose.

4. Translated substantially the massive Bengali classic novel 'Arogya Niketan' of Tarashankar Bandopadhyaya, into Konkani, with the help of a Marathi version, for the sahitya Akademi, New Delhi.
5. Served as Convenor of the B.O.S. in Konkani for High School & Higher Secondary School stage and ex-officio member, Academic Council of the Goa Board of S.S.C.E. & H.S.S.C.E. and tendered advice as member of its sub-committee on the revamping of the syllabus to bring it in line with the C.B.S.E.
6. Contributed a 5000 - word entry on 'Konkani Language & Literature' in English to the "A Companion to Indian Literature" in five volumes, on invitation by the Oxford University Press, Calcutta.
7. Prepared an article entitled 'Glimpses of Konkani Literature' in Hindi for the monthly illustrated magazine 'KADAMBINI' of the Hindustan Times Group, published from New Delhi.
8. Delivered the Presidential Address at the Birth Anniversary celebrations of Shenoy Goemba on 23rd June, 1932, at Margao Municipal Hall.
9. Assisted U.G.C. in the preparation of syllabi and setting of papers for NET Test for recruitment of Lecturers and awarding of Junior Research Fellowships in Konkani.
10. Worked towards inclusion of Konkani in the VIIIth Schedule to the Constitution, by pursuing this objective in memoranda and personal urging at the various Ministries connected with this issue, and saw it achieved on 20th August, 1992.
11. Assisted All India Radio authorities, on request from its New Delhi Office, to select News-readers - cum Translators, as member of the Selection Committee constituted for the purpose in April, 1993.
12. Lectured to students of the Orientation Course for Lecturers (in Konkani) of the Academic Staff College, Goa University, on three topics.
13. He had public poetry reading of his poems in Konkani (with English versions) at the Poetry Society (India) in New Delhi.

Dr. (Mrs.) C.A. D'Souza

1. She delivered a series of lectures at the University to the visiting trainees of the Translation Bureau, Bombay on Methodology of Translation from source language to target language.
2. Lectured at Goa Shipyard, Vasco - da - Gama on 9.8.1993 on the topic "Difficulties (Encountered by Marathi and Konkani speaking writers) while writing in Hindi."
3. Delivered three talks on 'Sahitya Dhara' on All India Radio, Panaji.
4. She also participated in a discussion on "Are husbands redundant?" on 22nd April, 1993 on All India Radio, Panaji.
5. She contributed to the Konkani Encyclopedia of Goa University on three writers.

1.4 DEPARTMENT OF MARATHI

Teaching and Research Staff:

- | | | |
|----|---------------------|------------------------------|
| 1. | Dr. S. D. Komarpant | Reader and I-M.A., Ph.D. |
| 2. | Shri K.M. Sadre | Reader M.A. |
| 3. | Dr. V.D. Sawant | Lecturer M.A., M.Phil; Ph.D. |

Details of Research Students:

Name of the guiding Teacher	No. of Students
	M.Phil./Ph.D.
1. Dr. S.D. Komarpant	— 2
2. Shri K.M. Sadre	— 2

Visitors to the Department :

1. Dr. Bhalchandra Nemade, M.A. (English (Linguistics), Ph.D. - Gurudev Tagore Institute of Comparative Literature, University of Bombay. Well known Novelist, linguist and critic in Marathi.
2. Dr. Milind Malshe, M.A., M.Lit. Ph.D., Associate Professor, I.I.T. Bombay. Well known linguist & Critic in Marathi.

3. Dr. Ramesh Dhongade, M.A., Ph.D. Reader in Semantics & Lexicography, Deptt. of Linguistics, Deccan College, Pune. Well known Linguist & Critic in Marathi.
4. Dr. Vilas Khole, M.A., Ph.D. Reader & Head, S.N.D.T., Pune, Well known critic in Marathi.
5. Dr. Vasant Patankar, M.A., Ph.D. Lecturer in Marathi, University of Bombay. Well known poet & critic in Marathi.
6. Dr. Rohini Tukadev, M.A.; Ph.D. Lecturer in Marathi, Smt. Kasturba Walchand College, Sangli. Well known critic in Marathi.
7. Dr. Vishwanath Shinde, M.A.; PH.D. Reader in Marathi, Shivaji University, Kolhapur. Well known Critic in Marathi.
8. Dr. Gangadhar Moraje, M.A., Ph.D., Head, Department of Marathi, Ahmednagar College, Ahmednagar (Retired). Well known Critic.

Participation in Seminars, Conferences & Workshop :

Dr. S.D. Komarpant

1. Participated in the literary programme, 'Sahityik Gappa' organised by 'Mandavi Granth Vitaran' and had an interview with Prof. S.S. Nadkarni on his book 'Balkavi Sameeksha : 1918 to 1990' alongwith Prof. Balkrishna Kanolkar on 12th Nov. 1992 at Kala Academy, Panaji.
2. Inaugurated the literary programme 'Shabdagandha Kavyasohala' and gave a talk in the seminar 'Marathi Kavita " Kal ani Aaj' organised by Literary Association, 'Shabdagandha at Belgaum on 15th November, 1992.
3. Presented a paper on 'Problems of Teaching Marathi in Goa' at One Day Teachers Meet organised by Department of Marathi (Goa University) on 20th November, 1992.
4. Gave a talk on 'National Integration' organised by Block Development Office, Kanakona at Chauri, Kanakona as a part of 'Kaumi Ekta Saptah' on 25th November, 1992.
5. Gave a talk on 'Short Story in Marathi' at 'Yuva Sahitya Sammelan' organised by Marathi Vangamaya Mandal (Goa University) in collaboration with Gomantak Marathi Academy at Panaji on 28th November, 1992.
6. Presided over one day Literary Meet at Ken, Sattari and gave a talk on 'Literature and Cul-

ture' organised by Gomantak Marathi emy on 27th December, 1992.

1. Presented a paper on 'Goan Folklore' participated in the seminar on 'Folklore tradition' organised by 'Bharatiya M Abhyasa Parishad' at K.S. Vani Pragat Ad So.mstha, Dhule on 9th and 10th January,
2. Participated and gave a talk in the semi 'Contribution by Saint Poets to MaharE organised by 66th Akhil Bharatiya Sahitya Sammelan at Satara on 13th Fet 1993.
3. Gave a talk on All India Radio, Panaji topic 'Poetry by P. S. Rege' on 7th Fet 1993.
4. Organised and participated in the Semi 'Literary Criticism in Marathi after 1960' organised by Department of Marathi varsity) and Gomantak Marathi Acade 15th and 16th March, 1993.
5. Gave a talk in the seminar on 'Goa C Yesterday, today and tomorrow' at "5th Pr Sahitya Sammelan" organised by 'Pr Vichar Manch' at Marcel on 11th April,
6. Gave a talk on 'Dr. Babasaheb Ambedke life and mission' organised by Governrr Goa and Dalit Mahasangh at Panaji April, 1993.
7. Presided over a session in the sernir 'Goan Folklore' organised by Departrn History (Goa University) on 17th April,
8. Participated in the workshop on 'Short S Marathi' organised by Konkan Sahitya Pa at Kasheli, Rajapur and presented a containing critical appreciation of a Shoi 'Mora' by Madhu Manguesh Karnik 01 May, 1993.

Shr I K.M. Sadre

Initiated a disucssion on 'Violence in I Nature', by reading a paper on the top special reference to its depiction in a Hir organised by Q club. (Teachers of Goa sity Department. 1st August, 1992)

2. Radio Talk on 'Dr. Nemade's LiteraturE 1993.
3. Presided over and gave a talk on 'E

Language', One day Literary meet at Candolim organised by the Gomantak Marathi Academy on 7th March, 1993.

- 4 Organised and participated in the Goa University (Deptt. of Marathi) seminar held on 15th & 16th March, 1993 on "Criticism in Marathi" post 1960 trends.

Dr. V.D. Sawant

1. Obtained Ph.D. degree of Shivaji University in February, 1993.
2. Read a paper on 'Rath', novel by Rangnath Pathare, in the seminar held at Satara on 15th & 16th Aug. 1992.
3. Read a paper 'Marathi Criticism after 1960' in Seminar held by Marathi Department of Goa University on March, 15th & 16th 1993.
4. Read a paper on three Short Stories in a Short story workshop held by Konkani Marathi Sahitya Parishad at Kasheli, Rajapur on 15th & 16th May, 1993.
5. A talk, "Feminism & Marathi Saint poetesses" broadcasted on All India Radio, Panaji.
6. Attended a two days Workshop on "Evaluation" held by Staff Academy College, Goa University in March, 1993.

Publications :

Dr. S.D. Komarpant

1 Books:

- i) Vangmayeen Sandarbha ani Avalokan (Collection of critical Writings)
- ii) Kshitijrang, (Collection of Critical writings)
- iii) Presidential addresses and speeches as Chairman of Welcome Committees Gomantak Marathi Sahitya Sammelan. Edited, Published : Gomantak Marathi Academy, Panaji.

2 Articles:

- i) Humour by C.V. Joshi - published in 'Maitra' Diwali special Number, October, 1992.
- ii) Goan Folklore, published in the book 'Loksaahitya and Lokparampara', K.S. Vani Marathi pragatAdhyayan Samstha, Dhule, Ed. Dr. **R.N.** Warankhede.

1.5 DEPARTMENT OF FRENCH

Teaching and Research Staff:

1. Dr. (Kum.) Belinda Fernandes
M.A., Ph.D. Lecturer and
Shri Prasad Barve Lecturer
M.A., D.S.A.F.L.E.

Contributory Teachers :

Dr. M.L. Sardesai, M.A., Ph.D. visited 1 partment and delivered lectures for Pap(: History of Painting in France from 1 1950, and Paper - FC : 4 - Study Century French Literature with one text : Desqueyroux by Francois Mouriac, **LE** Monte by Montherlant. He delivered a s about 60 lectures; for the first term i Course and in FE - 2 : 'Topaze' by PE FE.-6 : 'Candide' by Voltair, for the E Course.

Visiting Teachers :

- i) Mrs. Mireille Pochon, a French Schol, France visited the Department and de lectures on French Civilization and France.
- ii) Ms. Margaritta Gonsalvez, preparing for being a teacher of Spanish in Fran ited the Deptt. and had a lively informal sion with students on "students' lfe in and that in India."
- iii) Mr. Bernard Michault, a young Engine France, visited the Deptt. and discuss Shri Barve and the Students of the Del Youth of France and of India'.

Participation in Seminars, Conferenc(Workshops :

- i) Shri Prasad G. Barve attended a one National Seminar - Cum - Workst Pedagogie En Francais Langue Etr organised in Pune by the French Emb 12th May - 11th June, 1992. This s, workshop was organised by University Commission.

Publications:

Dr. Belinda Fernandes, as the Head Department published the Annual **ME** entitled 'FEUILLES'. To the magazil

(Kum.) Belinda Fernandes contributed a poem and Shri Barve contributed an article and a poem.

10. Other details:

- i) Shri P.G. Barve completed a Certificate Course in Portuguese, organised by Indo-Portuguese Association.
- ii) He also participated in the activities of World Wild Life Fund, Goa Branch.
- iii) He also participated in the activities of 'Vansthali Gramin Vikas Kendra' of Pune.

1.6 DEPARTMENT OF PORTUGUESE

Teaching and Research Staff :

1. Dr. Maria Selma de Vieira Velho
M.A., Ph.D. Lecturer and Head
(Portuguese Literature)

Contributory Teachers:

1. Dr. Carmo Azavedo gave 54 lectures on Papers, IV, VI & VIII
2. Prof. S.S. Kulkarni (Dept. of English) gave 6 Lectures on "The Cultural Heritage of India" (Paper VI)
3. Prof. A. Patil (Dept. of English) gave 6 lectures on "The Essay" (Paper VI)
4. Prof. K.M. Mathew (Head, Dept. of History) gave a lecture on "The South India's Indo-Portuguese History" (Paper VI)
5. Dr. P. Kamat (Dept. of History) gave a lecture on "The Outline of Indo-Portuguese History" (Paper VI)

Research Project :

Dr. Maria Selma de Vieira Velho

1. "A Epoca do Arabispo Governador D. Frei Aleixo de Meneses" is being completed for publication. This post-doctoral research project was made possible by a scholarship granted by Universidade Catolica Portuguesa in 1986.
2. "The Indianess in the Esoteric Literature of

Portugal" is in the process of being published. This post-doctoral research project was made possible by a research grant from Gulbenkian International Foundation in

3. "The Indo-Portuguese Armorial Bearings" post-doctoral research project still in progress

Visitors to the Department:

1. Prof. Doutor Antonio Vasconcellos de Salazar, Professor of International Law, Universidade Nova de Lisboa.
2. Mr. M. Barbosa Fialho, from the B.B.O (Bolsista de B.O.) working on a research program on Goa's cultural identity, visited the Department.
3. Dr. Jose Leal Ferreira Junior, from the 1st Institute of International Studies (CAWES) of J.I.
4. Dr. Eduardo de Lima Pinto da Costa, Professor of History of Universidade Catolica Portuguesa (Lisbon).
5. Students from the Faculty of Architecture, Universidade do Porto paid a good visit to this Department during their tour around major architectural centres.

Participation in seminars, conferences and shop :

1. Dr. Velho was invited to participate in the national Seminar 'ENCOUNTERS AND CHANGES: INDIA AND PORTUGAL', organised by India International Centre at the Embassy of Portugal, at India International Centre on 30th November and 1st December. She presented a research paper on "Indianness in the Esoteric Literature of Portugal".
2. Was invited to participate in the International Seminar on "Europe and its Others : 1992", jointly organised by the Department of German and Romance Studies of the University of Delhi and the Embassies of Spain, Portugal, France and Germany, at the University of Delhi, on 2 - 4 December, 1992. Dr. Velho's research paper on "Indianness in the Esoteric Literature of Portugal" was circulated and discussed.
3. Participated in the Workshop on "Goal and Ideology: Theories, Perspectives and Methodologies" organised by the Department of History, Goa University and sponsored by ICS

16th and 17th April, 1993. Dr. Velho presented a research paper on "Goan Folk Stories in Portuguese Folklore".

Research Publications and other Articles:

Dr. Velho

"Portugal in the East : The Possible Influences of Navigators in the Coastal Societies of the Orient" in the Indo-Asiatic Encounters with Ibero-American, Pg. 93-113 published by the Ibero - American Community, New Delhi 1992.

Any other Details:

Dr.Velho was nominated University expert for the selection of Portuguese lecturers at Dhempe College and Chowgule College. The Project of Re-orientation of Methodologies of teaching of Portuguese for Secondary and Higher Secondary Teachers, in collaboration with the Cultural Department of Embassy of Portugal, has been implemented successfully in its phase IV.

2.1 DEPARTMENT OF ECONOMICS

Teaching and Research Staff :

- | | | |
|----|-------------------------------|--------------------|
| 1. | M.A. Shahi | Professor and Head |
| | B.A. (Hons); M.A. (Mysore) | |
| | M.A. (Chicago), Ph.D. (Kent); | |
| | F.S.S. (London) | |
| 2. | A.R. Padoshi | Reader |
| | M.A., Ph.D. | |
| 3. | Mrs. S. M. Noronha | Lecturer |
| | M.A., D.H.E., Ph.D. | |
| 4. | Errol D'Souza | Lecturer |
| | M.A., Ph.D. | |
| 5. | Halima Sadia Rizvi, | Lecturer |
| | M.A. | |

Details of Research Students:

Name of the Guiding Teacher	No. of Students
	M.Phil./Ph.D.

- | | | |
|----|--------------|---|
| 1. | M.A. Shahi | 3 |
| 2. | A.R. Padoshi | 3 |

Research Project:

Errol D'Souza: "Memorandum to the Tenth Finance Commission" under funding from Government of Goa, August 1992 to January, 1993.

Visitors to the Department :

Dr. V.A. Pal Panandikar, Director, Cen Policy Research, New Delhi on 17-2-19

Participation in Seminars, Conference: Workshops :

A.R. Padoshi

1. Attended the annual Conference of the Society of Agricultural Economil Coimbatore in December, 1992.
2. Attended the annual Conference of IV Arthashastra Parishad at Nashik January,

S.M. Noronha

1. Attended the 34th Annual Conference Indian Society of Labour Economics h Jawaharlal Nehru University, New Delhi the presidentship of Dr. K.M. Naidu from 4th January and presented a paper on 'L. Productivity and Trade Unionism'.
2. Seminar on "Reconstruction of Latin Am Economics: Lessons for India" organis the Centre for Latin American Studies University in February, 1993.
3. Symposium on the "Union Budget 93" orw by the Department of Economics, Goa U shy in March, 1993.
4. Canadian Studies Seminar organised by New Delhi and Canadian Studies Progr Goa University, 11th-12th March, 1993.
5. Seminar on 'Women Entrepreneurship ii organised by the Dept. of Commerce University on 23rd March, 1993.
6. All Goa Economics Teachers' Meet org by the Department of Economics, Goa U sity on 26th March, 1993 on "How to iii the teaching of Economics in the Colle Goa."

Errol D'Souza

1. Presented a paper "Patent Policy from tional Perspective" at the 1992 India Asia Meeting of the Econometric Societ cember, 19-22, 1992.
2. Presented a paper at 34th Annual ConfE of Indian Society for Labour Economics, New Delhi.

3. Paper on "Union Budget, 1993-94" at symposium on Union Budget, Goa University, March, 1993.
4. Paper on "Conflict, inflation and Adjustment" at Seminar on "Restructuring Latin American Economics", Goa University, February, 1993.
5. participated in seminar on Indo-Canadian Studies, March, 1993, Goa University.
6. Participated in Symposium for teachers of Economics at Goa University, March, 1993.

Halima Sadia Rizvi

1. Attended and participated in the two day workshop on Examination and Evaluation patterns in the Indian Universities at the Academic Staff College of Goa University.

Research Publications and Other Articles:

M.A. Shahi

Latin American Economic Performance and India's Prospects. (Forthcoming)

A.R. Padoshi

Books: The Process of Decision Making in Agricultural Production" for Y.B. Chavan Open University.

S.M. Noronha

Book Review of Abdul Gani, Labour Management Relations, Concept Publishing Co., New Delhi 1991 in the Indian Journal of Labour Economics, Vol. 35, No.2, April - June 1992, PP. 196-197.

Errol D'Souza

"The Black Economy Restructuring, inflation and Employment," Indian Journal of Labour Economics, Vol. 35, No.4, 1992.

Halima Sadia Rizvi

"The Impact of Globalization on the Indian Industries" (Forthcoming).

Any other details:

M.A. Shahi

1. Radio Talk on "The Economic Aspects of Prophet's Teachings" AIR - Panjim.
2. External Examiner and Chairman Board of Ex-

aminers for Ph.D. thesis, Sri Venkateswara University, Tirupathi.

3. External Examiner for Ph.D., Aligarh Muslim University, and conducted viva-voce.

A.R. Padoshi.

Functioned as in charge of the Department of Economics in February and March 1993. Finalized T. (Economics) syllabus as Chairman Board of Studies in Economics.

Organized a seminar on 'Union Budget 94' on 4-3-1993.

Organized a one day get together of (teachers of Economics in Goa on 26-3-93. Worked as subject expert in colleges.

S.M. Noronha

1. Member of the Executive Committee of the Indian Society of Labour Economics.
2. Member of the Reconstituted Advisory Committee of the Small Industries Service In Government of India, attached to SI SI, N Goa.
3. Member of the Academic Council of Goa University.
4. Member of the Tourism Research Group of Goa University.

Errol D'Souza

1. Delivered lectures on All India Radio on (1) "Environment and Development (2) Economic Review of the year that was".
2. Lecture given at Tourist Guide training of Government of India on "Socio-Economic Impact of Tourism".
3. Delivered lectures at Academic Staff College of Goa, Tourism Research Group, and at O-C topics such as "Mandal Commission", "Industrial policies", Environmental choices".
4. Member, Economics Committee of Goa Government of Commerce and Industry.

2.2. DEPARTMENT OF HISTORY

Teaching and Research Staff:

- | | |
|--------------------------------|------------------------|
| 1. Dr. K.M. Mathew | Reader and M.A., Ph.D. |
| 2. Dr. (Miss) Pratima P. Kamat | Le M.A., Ph.D. |

3. Dr. N. Shyam Bhat Lecturer
M.A., Ph.D.
4. Shri Ujjayan Bhattacharya Lecturer
M.A., M.Phil.
5. Shri Xavier Martins Research/ Asst.
M.A.

Contributory Teachers:

Dr. Joseph de Barros, M.A., Ph.D. D.Litt.,
F.R.A.S. General Secretary, Institute Menezes
Branganza, Panaji.

Visiting Teachers:

Dr. Varun Sahni, M.A., Ph.D. from Delhi and a
Visiting Lecturer at CLAS lectured to the M.A.
Part II students on Latin American Economy.

Details of Research Students:

Name of the guiding Teacher	No. of Students
Dr. K.M. Mathew	5
1. Ms. Sharon Antonette, A Fulbright scholar from U.S.A. was affiliated to the Department of History for nine months. She worked on 'Inter-Cultural Relations between the Hindus and Catholics of Goa' under the guidance of Dr. Pratima P. Kamaf in the Department.	
2. Shri Ujjayan Bhattacharya, Lecturer in the Department guided one student for M.A. in History, partly by research in lieu of two Elective Courses.	

Research Projects:

1. Dr. K.M. Mathew (jointly with Dr. U.M.X. Sangodkar, Head, Department of Bio-Technology and Marine Sciences, Goa University), is working on a Research Project entitled - "Maritime Policies and the state of the knowledge of the seas in Portuguese Goa, 1510-1961". The project is funded by the Indian Council of Historical Research (I.C.H.R.) New Delhi. The I.C.H.R. has sanctioned Rs. 50,000/- for a period of two years. Mr. Xavier Martins is associated with this project as Research Assistant. The work is progressing satisfactorily and is nearing completion.
2. 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. The work is progressing satisfactorily and is nearing completion.

Visitors to the Department:

1. Prof. A.R. Kulkarni, Former Chairman I.C.H.R. and National Professor, visit Department.
2. Prof. J.V. Naik, Head of the Department History, University of Bombay, visited Department.
3. Prof. V.M. Reddy of S.V. University, Tin

Participation in seminars, Conferences and shop etc.:

Dr. K.M. Mathew

1. Worked as a Resource Person at a Workshop on Research Methodology organised Goa Institute for Historical and Cultural Research at the Directorate of Archives, Goa, Panaji on 13th September, 1992. Conducted lectures on 'Source Materials and Classification'.
2. Organised the XIIIth Session of the Souldian History Congress at Coimbatore January, 1993.
3. Participated in a Seminar on "Women and Some Perspectives on the socio-Legal of Women in Goa", 23-24 January, organised by the Centre for Women's Studies Goa University.
4. Attended a Seminar on "Restructuring American Economies : Lessons for India" organized by the CLAS, Goa University, in January, 1993.
5. Director, the VIIth Local History Seminar 'History of Goa', organised by the Department of History and the Directorate of Archaeology and Museum, Govt. of Goa, held at Goa University on 18-19 March,
6. Participated in the XXVIIth Conference Indian Association for American Studies University, 29-31 March, 1993. Presided one of its sessions.
7. Participated in the Conference of Cultural Studies organised in the Goa University.
8. Attended a Seminar on 'Women Entrepreneurship in Goa' organised by the Department of Commerce, Goa University on 23.3.19c.
9. The ICSSR sponsored Workshop on 'Folklore', organised by the Department of History on 16 - 17 April, 1993.
10. Resource Person at Refresher Courses held at Pondicherry, - Tirupati, Bo

Dharwar Universities under Academic Staff Colleges.

Dr. K.M. Mathew also participated in a number of other academic activities:

- i) Member, Advisory Committee, Academic Staff College, Goa University.
- ii) Member, Advisory Committee, Centre for Latin American Studies, Goa University.
- iii) Member, Advisory Committee, I.C.S.S.R. (WRC) Bombay.
- iv) Member, Board of Studies, CLAS, Goa University.
- v) General Secretary, South Indian History Congress.
- vi) Foreign Students' Advisor, Goa University.
- vii) Executive Editor on Volumes on Social History of Goa, Freedom Movement in Goa, under the Series of Goa through the Ages.

Dr. Pratima Kamat

1. Seminar on 'Unity of India Through Law' organised by the Advocates Associations, Goa, in October, 1992. Paper presented : "The Uniform Civil Code : A case for the Unity of India Through Law"?
2. Orientation Course in Evaluation at the Academic Staff College, Goa University on 12-13 September, 1992.
3. Workshop on Research Methodology conducted by the Goa Institute for Historical and Cultural Research at the Directorate of Archives, Archaeology and Museum, Government of Goa, on 13th September, 1992.
Paper presented : "Bibliography" as a process of Research.
4. Annual Conference of the World University Service (India) at Goa University from 26 - 28 September, 1992.
5. Attended the XIIIth South Indian History Congress hosted by the Government College of Arts & Science, Coimbatore from 8 - 10 January, 1993.
6. Seminar on 'Women and Law' at Goa University on 23 - 24 January, 1993.
Paper presented : "In the name of the law: 'Herstory' from the Estado da India to liberated Goa as a case for Goa Dourada?"
7. Seminar on 'Restructuring of the Latin American Economies: Lessons for India' organised

by the CLAS, Goa University in February

8. VIIIth Local History Seminar organised Department of History, Goa University & Directorate of Archives, Archaeology and Museum, Government of Goa, at Goa University on 18-19 March, 1993.
Paper presented : "The Administration of Public Assistance by the State in Goa : Study of the Provedoria".
9. XXVIIIth Annual Conference of the Indian Association for American Studies at Goa University from 29-31 March, 1993.
Paper presented : "A Reappraisal of the Columbia School of 'New History'".
10. Seminar on 'Women Entrepreneurship' organised by the Department of Commerce, Goa University on 23-3-1993.
Paper presented : "Institutional Aid to Entrepreneurs in Goa : The Role of the Government and the Women's Cooperative Bank."
11. ICSSR sponsored Workshop on 'Goatlore: Theories, Perspectives and Methodologies' organised by the Department of History, Goa University on 16-17 April, 1993 - Director of the Workshop.
Paper presented : "The Voice of the People: A case for the writing of the History of (word of Mouth)".
12. Seminar - Cum - Workshop on 'Sociology and Culture : A Case for Konkani' Goa University on 23 - 24 April, 1993.
13. Workshop on Goan Folkculture organised by the Kala Academy on 29.4.1993.
14. Underwent a course in the Spanish Language organised by the Centre for Latin American Studies, Goa University.
15. Resource Person at Orientation Course for fresher Courses in History and its upgradation programme.
16. Resource person at the Refresher Course in History at Calicut University Academic College.
17. Organised study tours of students to the Archives and Museum on 1/2/1993 to Old Goa and Pilar, Rivona Caves and Chanor on 25.2.1993, to Old Goa Complex on 7.3
18. Participated along with the students (History) and the N.S.S. volunteers from Dhempe College of Arts & Science, M

Panaji, Goa, in the Cleaning Operations conducted by the Archaeological Survey of India, and the Indian Heritage Society (Goa Chapter) at the Arch of Conception, Old Goa, on 7 - 3 - 1993.

Dr. Pratima Kamat has also undertaken academic activities as follows :

- 1 Elected to the posts of (a) joint Secretary of the South Indian History Congress, (b) Member, National Executive Committee, world University Service (India), (c) Convenor, Folklore Society of Goa.

As a Joint Director, organised

1. the seminar on 'Women and Law' held at Goa University on 23-24 January, 1993, and
2. the ICSSR Workshop on 'Goan Folklore: Theories, Perspectives and Methodologies' at Goa University, on 16 - 17 April, 1993.
3. The Annual Conference of the World University Service (India) at Goa University from 26 - 28 September, 1992.
4. 80th Indian Science Congress at Goa University from 3-8 January, 1993.
5. 28th National Debate on Co-operative Movement in January, 1993.
6. XXVIIIth Annual conference of the Indian Association for American Studies at Goa University from 29-31 march, 1993.
7. Symposium on 'Quit Indian Movement and Goa' organised by the Department of History, Goa University on 8-8-1993.

Dr. N.S. Bhat

1. Participated in a Seminar on "Women and Law: Some perspectives on the Socio - Legal Status of Women in Goa", 23 - 24 January, 1993, organised by the Centre for Women's Studies, Goa University.
2. participated in the local History seminar (Goa) on "Political and Administrative Institutions in Goa Through the Ages" and a Symposium on "Goa and South East Asia", jointly organised by the Department of History, Goa University, and the Directorate of Archives, Archaeology & Museum, Government of Goa, on 18- 19 March, 1993.
3. Participated in a ICSSR Workshop on "Goan Folklore : Theories, perspectives and Method-

ologies" organised by the Department tory, Goa University, on 16 - 17 April, -

- 4 Underwent a Refresher Course in Historic Staff College, Goa University, fr 7-1992 to 1-8-1992. The theme was "Is; Indian Freedom Movement".

Shri. Ujjayan Bhattacharya

- 1 Participated in a seminar on "Women an Some Perspectives on the Socio-Legal of Women in Goa", 23-24 January, organised by the Centre for Women's S Goa University.
- 2 Participated in the Local History Semina on "Political and Administrative Institut Goa Through the Ages" and a Sympos "Goa and South-East Asia", jointly org by the Department of History, Goa UnK and the Directorate of Archives, Archa and Museum, Govt. of Goa, on 18-19 I 1993.
3. Participated in a I.C.S.S.R. Workshop on Folklore : Theories, Perspectives and M ologies" organised by the Department 1 tory, Goa University, on 16-17 April, 19
4. Underwent an Orientation Course at AcE Staff College, Goa University, from 1-9-1 30-9-1992.

Research Publications and other Articles

Dr. Pratima P. Kamat

"Native Clerical Protests against the guese Policy of Racism in Goa : The C 'the conspiracy of 1787', "Proceedings Twelfth Annual Session of the South History Congress" ed. K.K. Kus Trivandrum 1993, pp. 16 -26.

Dr. N.S. Bhat

- i) "The Sultans of Mysore and Their Re with the Chieftains of South Kanara", put in The Quarterly Journal of the Mythic S Bangalore, April - June, 1992, Vol. L No. 2.
- ii) "Political Relations Between Portugue5 and Karnataka 1510 - 1800", accepted # lication in Dr. P. P. Shirodkar (ed.), Goa T the Ages, Political Htstory of Goa.

2.3 DEPARTMENT OF POLITICAL SCIENCE

Today".

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. (UK)
4. Dr. Mohan M. Sangodkar Lecturer
M.A., Ph.D.
5. Dr. Muzaffar H. Assadi Lecturer
M.A., M.Phil., Ph.d.

Details of Research Students:

Name of the guiding Teacher No. of Students
M.Phil./Ph.D.

1. Prof. A.H. Doctor — 5
2. Dr. M.J. Audi . 2

Research Project :

- i) Dr. A.H. Doctor - Working on Ms of a book on "The Political Thought of Modern India".
- ii) Dr. M.J. Audi - Causes and Consequences of Corruption in India.
- iii) Dr. M. Sangodkar - Assigned the task of preparing a Konkani text-book on Political Science for Under-graduate students.
- iv) Dr. M. Assadi - "Understanding the Indian State in the context of politics of rich peasantry : An Analysis of Peasant Movements in Karnataka and Maharashtra". This project has been funded by the ICSSR, New Delhi to the tune of Rs.56,700/-

Visitors to the Department :

1. Dr. Ashok Modak, Centre of Soviet Studies, University of Bombay, Visited the department on 21st August, 1992 and addressed the students and faculty on "Disintegration of the Soviet Union and Implications for India".
2. Dr. Claude Alvares, Environmentalist and Social Activist, Goa, visited the department on 25th November, 1992 and addressed the students and faculty on the subject of "Science, Culture and Nylon 66".
3. Dr. Arvind N. Das, Associate Editor (Research), Times of India, New Delhi, visited the Department on 12th February, 1993 and addressed the students and faculty on "The Indian State

- 4) L.:. '..)tan De Mello, School of Social ' Vancouver, Canada, a Visiting Scholar t(University, took three lectures and cond two seminars with the M.A. Part I stu offering the course on Public Administ during August, 1992.
- 5) Dr. Simon Desouza, Dy. Speaker of thE Assembly, met the students offering the tive course on Government and Politics o and discussed with them the role of the Sp and Interest Groups in Goa, 10th Feb. 1
- 6) Dr. Carmo Azavedo, author and historia the students offering the Elective Cour Government and Politics of Goa and disci with them "The Legacy of Portuguese Col ism", 11th February, 1993.
- 7) Mr. Jose Philip met the students offerir Elective Course on Government and Polii Goa and discussed with them the probli "Migrants of Goa", 17th Feb., 1993.

Participation in Seminars/Conferences/11 shops:

Dr. A.H. Doctor

1. Invited by Mangalore University to deli lectures. Lectured on Political Theory 1 PG students and M.Phil. students of the Pi Science Dept. on 19th September, 1992
2. Conducted two lecture-cum-discussion sions on "Normative and Behavioural Res in Political Science" at the ICSSR spon Workshop on Research Methodo organised by the Institute of Administi Social and Political Studies at Pune c November, 1992.
3. Presented a paper on 'Missionary Te and Social Reform in 19th Century India" Seminar on "Missionary Expansion and Cultures" organised by the Xavier Cer Historical Research at Baga, Goa on November, 1992.
4. Chaired and moderated the discussion on matic Approach to Science Reporting" seminar organised by the Indian SciencE gress Association in collaboration with th Panjim, at NIO on 1st January, 1993.
5. Presented a paper on "Gandhi and Soci at the Seminar on "Is there a case for Soc

today?" organised by the Politics and Philosophy depts of Goa University in collaboration with the Indian Council of Philosophical Research, New Delhi, at T.B. Cunha Hall, Panaji, Goa, on 4th January, 1993.

6. Invited to address the faculty and cadets of the INS Mandovi, Verem, Goa, on "Evolution of the Non-Aligned Movement" on 2nd March, 1993.
7. Participated in the Seminar on "Canada and India" A Comparative Perspective" organised by Goa University and sponsored by the Sashtri Indo-Canadian Studies Institute, New Delhi. Presided over/chaired the second session on comparing the Indian and Canadian federal systems.
8. As Course Co-ordinator organised three UGC sponsored Refresher Courses in Political Science for college and University teachers from the states of Goa, Maharashtra etc. in collaboration with the Academic Staff College of Goa University, 2 - 22 August, 1992, 30 Nov. - 19 Dec. 1992; and 5 -22 February, 1993.
9. Presented a paper on "The Indian Constitution and Secularism" at the seminar organised at Goa University on "Secularism and Communalism: Conflict in Indian Society" 16th March, 1992

Dr. P.R. Desouza

1. Organised a one day Workshop on 'Is there a case for Socialism?' in collaboration with the Philosophy Department of Goa University and the ICPR, 4th January, 1993. The discussion was lead by Prof. Gerry Cohen, Professor of Political Theory, Oxford.
2. Participated in a seminar on "Contemporary Communalism" at Khandala (Maharashtra) organised by the Vikas Adhyayan Kendra of Bombay, and presented a paper on "Religion and Politics", on 26-28 February, 1993.
3. Organised a workshop for Political Science teachers of Goa University on "The Crisis of the Indian Political System", 13th March, 1993.
4. Organised a seminar on "Communalism and Secularism : The Conflict in Indian Society" in collaboration with the Goa Headmasters' Association and presented a paper on "Political Parties, their Strategies and Consequences", 16th March, 1993.

Dr. M.Sangodkar

1. Participated in the seminar on "Restructuring Latin American Economies : Lessons from the 1980s", organised by the Centre for Latin American Studies of Goa University, 3 - 4 Feb 1993.
2. Presented a paper on "Administrative Reforms in India" at the seminar organised by the History Department and the Directorate of Extension, Panaji, Goa, at Goa University, March 1993.
3. Attended UGC sponsored Refresher Course in Political Science organised by the Political Science Dept. and the Academic Staff of Goa University, 3 -22 August, 1992

Dr. M. Assadi

1. Participated in the Workshop on "New Movements" jointly organised by the Centre for the Study of Peasant Movements and Journal of Peasant Studies (Cambridge) and presented a paper on "Sickle-Beetle: Problem of consensus and Marginalization of Peasant Movement in India," 12 - 14 March, 1993, New Delhi.

Publications :

Dr. A.H. Doctor

1. "The Man in Gandhian Philosophy", Indian Journal of Political Science, Vol. LIII No. 2 of Madras.
2. "Dadabhai Naoroji's Secular Nation and Freedom First No.415, October - Dec 1993, Bombay.
3. "India in changing Times", Freedom No.416, Jan - March 1993, Bombay.
4. Book - Review : Review article on "Nehruvian Socialism" (reviewing the book "Nehru : A Study in Indian Socialism" by K.G. Deshpande) published in University News April, 1993, New Delhi.
5. "Reservations : Relevant Strategy for Upliftment of Scheduled Castes & Tribes" in book "Contemporary India : Opportunities and Challenges", published by the M.A. Pylee Foundation, Cochin, 1993.

Dr. M. J.Audi

Articles published in newspapers:

1. India's Place in World Balance of Power, Navhind Times, Goa, 23-6-1992.

2. Tilak's Saga of Sacrifice, Navhind Times, Goa, 1.8.1992.
3. Corruption in Indian Universities, Navhind Times, 21.11.1992.
4. In Praise of Socialism, Navhind Times, Goa, 7.1.93
5. Injustice in India, Navhind Times, Goa, 1.4.93
6. Communalism in India, Navhind Times, Goa, 21.4.93
7. Ramjanmbhumivarch Mandir Have, Gomantak, Goa 23.8.93
8. Hume Ani Hindusthan, Gomantak, Goa 28.3.93.
9. Bharatantil Jatiyavadache Bhasmasur, Gomantak, Goa. 7.4.93.
10. President of India, University to-day, New Delhi, 15.7.92.
11. India's Misfortune, University To-day, New Delhi, 15.11.92.

Dr. P.R. DeSouza

Book Review : Reviewed the book "Science, Violence and Civilization" by Claude Alvares, in Goa today, 1992.

Dr.M. Assadi

"The Indian State, Dalits and Minorities" Sankramana (Kannada Journal), Dharwad, May 1993.

Any other details:

Dr. A.H. Doctor

1. Member of University Committee for Re-structuring Under-Graduate Courses.
2. Member of Working Group set up by the Executive Council to draft Service Conditions of University teachers.
3. a) Radio talk on "Relevance of the NAM to-day", broadcast by AIR, Panaji, on 22nd Oct. 1992.
b) Radio talk on "India in the Changing Times", broadcast by AIR, Panaji, on 18th February, 1993.
4. Resource person for the various UGC sponsored orientation and Refresher Courses organised by the ASC of Goa University.
5. Served the University in such capacities as Member of the Executive Council, Academic

Council, Chairman of Board of Studies, C Faculty of Social Sciences etc.

6. Permanent member of the Indian Politicence Association, and member of Arr Studies Research Centre, Hyderabad, ber of Academy of Social Sciences, Allal
7. Member of the Lions Club Interna Porvorim.

Dr. O.J. PILICII

1. Member of Affiliation inquiry Committee University.
2. Member of Selection Committee (expe selection of Political Science teachers leges of Goa University.
3. Resource person for UGC sponsored Rel Courses conducted by the ASC of Goa I. sity.
4. Special lectures to teachers attending 0 tion Courses of ASC for subject upgrad
5. Resource Person for Orientation Cours(ducted by the ASC of Goa University.
6. Lectures at cultural and social fur organised by the different associations ous places in Goa.
- 7 a) Radio talk on "Future of Socialism", cast by AIR, Panaji, on December, 199 b) Radio talk, "Vichar Dhara, broadc AIR Panaji, in February, 1993.

Dr. P.R. DeSouza

1. Organised a poster exhibition titled "Ayodhya : Towards Understanding", University Applied Science Building - 1 - 1993.
2. Organised an Open Forum Discuss "Ayodhya : Issues for a multi-cultural se at Goa University, Goa, 6th February, •
3. Secretary of concerned Citizens Group to de-politicize and de-communalise tially developmental issues. Organised a table on Konkan Railway Controversy.
4. Member of International Political Scier sation and American Studies Researc tre.
5. Resource Person for the UGC sponsor entation and Refresher Courses condu the ASC of Goa University.

Dr. M. Sangodkar

Resource Person for the Political Science Refresher Course conducted by the ASC of Goa University.

Dr. M. Assadi

Attended the UGC sponsored Refresher Course conducted by the Political Science deptt. and Academic Staff College of Goa University, 30 November to 2nd December, 1992,

2.4 DEPARTMENT OF SOCIOLOGY

Teaching and Research Staff :

1. Dr. William R. da Silva
M.A., Ph.D. Reader and Head
(Hamburg)
2. Mr. S.R. Phal Reader,
M.A.
3. Mr. Alito Siqueira Lecturer
M.A. (On Study leave)
4. Dr. Sasheej Hegde Lecturer
M.A., Ph.D.
5. Dr. Manjit Singh Lecturer
M.Sc. (Agri), Ph.D.
6. Mrs. Seemanthini Niranjana
M.A. Lecturer
(Leave Vacancy)

Details of research Students :

Name of the Guiding Teacher No. of Students
M. Phil./Ph.D.

Dr. W.R. Da Silva	4
Mr. S.R. Phal	3
Dr. A. Nandy & Mr. S.R. Phal —	1

Research Projects :

W.R. da Silva

The MS 'Capital Accumulation, Women and Marriage' (SE 19) is being processed for publication.

The 'Alternative Literacy' project, partly financed by DEEDS, Mangalore 575001, is continued in this academic year. The data is being edited for publication (Not ready) Konkani Dictionary Project (1991-99) continues.

Visitors to the Department :

1. Mr. Stan de Mello, Lecturer in Social Work,

Department of Social Work, British Columbia University was attached to the Department, one month. He gave a lecture to M.A. students of Sociology on 'The Tribes of British Columbia'. He was entrusted with other social work on the campus.

2. Dr. Raimondo de Andrade, Chairperson of the Department of Sociology, University of Ontario, Canada, visited the department and gave two lectures on 'India & Brazil in Development' and 'Tribal Issues of Brazil'.
3. Professor Cecil P. Pereira, of the University of Ontario, Canada, was attached to the Department as Resident Scholar for six months (October-March, 1993-94). He was working on a research project related to ethnic conformity in Goa.

Visits Abroad:

1. W.R. da Silva

Visited the Mission Academy of which an alumnus, at the Hamburg University, many, the Institute of Evangelical Mission (EMW) at Hamburg, and the student Community (ESG) at Frankfurt University, gave lectures on 'Religion and Nation', and participated in their discussions.

Participation in Seminars, conferences and shops:

W.R. da Silva

1. Orientation Course on Structuralism to Scientists/Activists at TISS for four days (lectures), November 8-11, 1992.
One day seminar on "Popular Devotional Theological Discourse" at De Nobili College, November 14, 1992.
3. Participation in Politics and Literature festival at Kuvempu University, Shimoga, from 7-8, 1993 with a research paper.
4. Participation and reading of a research paper at Vikas Adhyayan Seminar, Khandolary, 1993.

Research Publications and other Articles

Seemanthini Niranjana

1. 'Discerning Women : Orations on the Gender - A Review', Indian Journal of Science, 5(4) 1992, pp. 393-412.

- 2 With Sasheej Hegde, 'Junctures - of the Religious and the (non) feminine, 1993 under communication to Indian Sociology.

Manjit Singh

Uneven Development in Agriculture and Labour Migration (under print).

Sasheej Hegde

"Lawyering and Litigating in Indian Courts : Some Litigant Perceptions" National law School Journal (forthcoming).

2. "Re-memembering the Present : Notes as if in Parenthesis" in Journal of Arts and Ideas (forthcoming).
3. Junctures : Of the Religious and the (Non) Feminine 1993" (with Seemanthini Niranjana) Contributions to Indian Sociology (Under communication).

S.R. Phal

"Suicide : Theories, Types, Causes and Management" in Jogan Shankar (ed) Social Problems & Social Welfare Measures in India, Ashish Publishing House, New Delhi, 1992, pp. 101 - 111

W.R. da Silva

1. "Political Canopy and Production of Literature" in Chennai, InsCape 1993 (communicated).
2. "Dalit as a Category of Encounter with Religious Discourse in India" in Vikas Adhyaya Kendra Publication, Bombay, 1 993 (Communicated).
3. "Ex Oriente Lux" in T.R.D'Souza's book (Vol.III), 1993.
4. "Religion, Nation and the Post Modern" in JDV Publication 1993.

2.5 DEPARTMENT OF PHILOSOPHY

Teaching and Research Staff :

1. Dr. R.A. Sinari Professor and Head
M.A.(Phil.), Ph.D.
2. Dr. A.V. Afonso Reader
M.A. (Phil.), M.A.(Soc.),
Ph.D.
3. Dr. U.A. Vinay Kumar Lecturer
M.A.,(Phil.), Ph.D.
4. Dr. A. Raghu Rama Raju Lecturer
M.A.(Phil.), Ph.D.

5. Mrs. Sanjyot D. Pai Vernekar
M.A.(Phil.) Lecturer
6. Miss Menezes Maria Norma
Junior Research Fellow, ICPR, Del
Till August, 1992.
7. Mrs. Milan B. Desai
Junior Research Fellow, ICPR, Del
Since August, 1992.

Details of Research Students :

Name of the Guiding Teacher No. of Stud(M.Phil./Ph.

Dr. R.A. Sinari

- i) Dr. A.V. Afonso

Mrs. Kamladevi Kunkolienkar, a student researched under the guidance of Dr Afonso, was declared eligible for the degree in Philosophy in March, 1993.

Research Project :

- i) The UGC has sanctioned a grant of Rs.1,i - for the Research Project titled 'A Phenological Study of Indian Religiosity". The Conductor of the Project is Prof. R.A.
- ii) A one year research Fellowship was av to Dr. Raghu Rama Raju by Indian Insti Advanced Study, Shimla for research Institute in Shimla.

Visitors to the Department :

- i) Prof. G.L. Pandit, Department of Philo University of Delhi lectured in this Depa on "Scientific Change: Kuhn and Poppe
- ii) Prof. A. Gupta, Professor of Philosophn Bombay, lectured in this department on sophical Logic".
- iii) A Refresher Course in Philosophy (Dura weeks), under the management of the Staff College of our University WE ducted. The focus of the course was "Ph enology and the Philosophy of SciencE course was attended by 43 teachers 1 losophy from colleges and universities and elsewhere. The resource persons course were invited from Delhi Universi1 Bombay, Central University (Hyderabad) New Delhi, Goa Medical College and fn own University. Dr. P.R. Dubhashi University's Vice-Chancellor inaugurati Dr. R.A. Sinari coordinated the course.

iv) The Department of Philosophy and I.C.P.R., New Delhi organised a one-day Workshop on 'Is there Still a Case for Socialism?' in T.B. Cunha Hall, Panaji. The Chief Speaker at the Workshop was Professor Gerry Cohen of Oxford University. The Department of Political Science collaborated in conducting the Workshop. Dr. **P.R.** Dubhashi, the Vice - Chancellor of Goa University inaugurated the Workshop.

Participation in Seminars, Conference and Workshops:

Dr. R.A. Sinari

- i) was an invitee to the Afro-Asian Philosophy Conference, New Delhi. He presented a paper titled "Life-World and Philosophy" at the conference.
- ii) was invited to lecture in the Department of Philosophy, Delhi University. The subject was : "Phenomenology of Human Consciousness".

Dr. A. Raghu Rama Raju

- i) was an invitee to the NISTAD Workshop on "Rationality in Cognitive Sciences and Social Sciences" in New Delhi. He presented to the Workshop a paper titled "The Project of Rationality and the Discipline of Social Sciences".

Mrs. Sanjyot D. Pai Vernekar

- i) attended the Refresher Course in Philosophy ("Phenomenology and the Philosophy of Science") organised by the Academic Staff College of Goa University.
- ii) Attended one-day seminar on "Is There Still A Case For Socialism?" organised by the Department of Philosophy and Department of Political Science at T.B. Cunha Hall, Panaji, on 4th January, 1 993.

Research Publications and Other Articles:

Dr. R.A. Sinari

- i) "Life-World (Lebenswelt) and Philosophy" in Proceedings of the Afro-Asian Philosophy Conference, ICPR, New Delhi, 1992.
- ii) "The Culture of Peace in India's Tradition" in Tolerance in Indian Culture, ICPR and Motilal Banarasidas, New Delhi, 1992.
- iii) "The Plurality of Philosophies and the Possibility of a Universal Ontology" (Revised) in Boletim do Institut° Menezes Branganza, Goa 1993.

iv) "The Quest for Atman : An Essay in Philocal Anthropology" in Philosophy, Religion Art, ICPR, Delhi, 1993.

Any other Details:

Dr. R.A. Sinari

- 1) is the Editor of "Philosophical Entries" Encyclopaedia India (a Birla Foundation prise).
- 2) was awarded Membership/Fellowship Institute Menezes Branganza, Goa.
- 3) was the external referee to Ph.D. these; Universities of Burdwan, Poona, Delhi, I (Chandigarh) and NEHU (Shillong).
- 4) Re-appointed on Board of Internationality for Universalism, Warsaw, Poland.

3.1 DEPARTMENT OF MATHEMATICS

Teaching and Research Staff:

1.	Dr. S.G. Deo	Professor & M.Sc., Ph.D.
2.	Dr. Y.S. Prahalad	Reader M.Sc., Ph.D.
3.	Dr. M.T. Nair	Reader M.Sc., Ph.D.
4.	Mr. A. Banerjee	Lecturer M.Sc.
5.	Dr. A.J. Jayanthan	Lecturer M.Sc., M.Phil; Ph.D.
6.	Dr. M. Ganesh	Lecturer M.Sc., Ph.D.
7.	Mr. Y.S. Valaulikar	Lecturer M.Sc., DHE; M.Phil.
8.	Mr. S.B. Mesquita	S.R.F. M.Sc., M.Phil.
9.	Mr. S. George	S.R.F. M.Sc.
10.	Mr. S.D. Barreto	J.R.F. M.Sc.

Details of Research Students:

Name of the Guiding Teacher	No. of Si M.Phil.	F
Dr. Y.S. Prahalad		

Dr. M.T. Nair 1
 Dr. A.J. Jayanthan 1

Visitors to the Department :

1. Prof. D.V. Pal, Dept. of Maths, I.I.T. Bombay, delivered two lectures on "Approximation theory" under Dr. D.B.Wagh Endowment programme.
2. Prof. K.S. Amur, Dept. of Maths, Karnataka University, Dharwad, visited the department and delivered a lecture on "Differential Geometry".

Visits Abroad:

Dr. M. Ganesh visited SERC (U.K.) as visiting Fellow at School of Mathematical Sciences, University of Bath from 1-4-1993 to 30-6-1993.

Participation in Seminars, Conferences and Workshops:

Dr. M. Ganesh presented a paper in the International Conference on Computational Mathematics held at Indira Gandhi Open University, Delhi, from January 3-8, 1993.

Research Publications and Other Articles:

1. Dr. M.T. Nair : On strongly stable approximations; J.Austral. Math. Soc. (Series A) 52 (1992) 251-260.
2. Dr. M. Ganesh : A BIE method for a nonlinear BVP; J. Computational & Applied Mathematics, 45 (1993), 299-308.

Any Other Details:

Department published the proceedings of the International conference on Differential Equations and its applications to Oceanography in Sept. 1992, under the editorship of Dr. S.G. Deo and Dr. Y.S. Prahalad.

3.2. DEPARTMENT OF PHYSICS

Taching and Research Staff :

1. Dr. R.B. Prabhu Professor & Head
M.Sc.,Ph.D.
2. Br. J.A.E. Desa Reader
M.Sc.,Ph.D.

3. Dr. P.R. Sarode Reader
M.Sc.,Ph.D.
4. Dr. G.M. Nayak Reader
M.Sc.,Ph.D.
5. Dr. G.R. Bhat Lecturer
M.Sc.,Ph.D.
6. Dr. (Miss) Uma Subramanian Le(Lecturer
M.Sc.,Ph.D.
7. Dr. R.B. Tangsali Lecturer
M.Sc.,Ph.D.
8. Dr. S.D. Deshpande Lecturer
M.Sc.,Ph.D.

Contributory Teachers:

1. Shri S.N. Pal Raiturkar, Lecturer, S.P. Chh College, Margao delivered 14 lectures.
2. Shri S.M. Sadique, Lecturer, S.P. Cho College, Margao, delivered 22 lectures.

Details of Research Students:

Name of the Guiding Teacher	No. of Stu(M.Phil. PI
Dr. R.B. Prabhu	2
Dr. J.A.E. Desa	2
Dr. P.R. Sarode	3

Following students completed the course and were declared successful for t degree:

1. Shri Efrem Desa
Thesis : Resistivity and Thermopower o ferromagnetic system $MnTe_y Se_w$
2. Shri D.A. Aga,
Thesis : Green Function Theory of the nating Valence Bond Superconductor.

Research Project:

1. Dr. R.B. Prabhu and Dr. P.R. Sarode **1** the project : Neutron Scattering Study O Earth Based Kondo Systems.
Sponsored by Inter-University Consortiu Department of Atomic Energy.
2. Dr. J.A.E. Desa
Title of the project : Structural Stud Glasses using Small Angle Neutron anc Sc4ttering.
Sponsored by Inter-University Consortiu Department of Atomic Energy.

Visitors to the Department:

Dr. C.K. Majumdar, Director of S.N. Bose Institute, Calcutta. Delivered a lecture on "Condensed Matter Physics".

Participation in seminars, conferences and Workshops:

1. Prof. R.B. Prabhu acted as the course Director of the Fourth Science and Engineering Research Council (SERC) School of Nuclear Physics held from 7th to 27th Feb. 1993 at Goa University. The School was sponsored by the Department of Science and Technology (Government of India).
2. Dr. **P.R.** Sarode
 - a) Participated in National Seminar on Recent Trends in Photon-Atom Interactions, organised by the Physics Department, Karnataka University, Dharwad during November 2-3, 1992 and delivered a talk on Local Structure Determination by X-ray Absorption.
 - b) Attended a INDU6-2 User's meeting convened by the Director, Inter-University Consortium for DAE Facilities, on August 7, 1992 held at CAT, Indore, to discuss proposed Synchrotron Radiation Beam-Lines for University Personnel and Made a brief presentation on Instrumentation for EXAFS Studies.
3. Dr. J.A.E. Desa delivered invited lectures at the IUC sponsored course on "Introductory Course on Neutrons a Probes of Condensed Matter - IV" at Indore from Oct. 31st to Nov. 13th, 1992 and also delivered two lectures on "Small Angle Neutron Scattering from Glasses".
4. Dr. S.D. Deshpande
 - a) Attended Workshop on Radiation Physics organised by the Indian Physics Association (Nagpur Chapter) and the BARC, Bombay at Nagpur University from 16th to 20th December, 1992.
 - b) Attended Discussion meeting on "Strongly Correlated Systems in Chemistry : Theory and Experiment" organised by the JNCAS, 11Sc, Bangalore in January, 1993.

Research Publications and other Articles:
"Anomalous Hall Effect in Cerium Based Kondo Systems" R.B. Prabhu & A.F. Barbosa, *Physica Status Solidi (b)* 179, 431 (1993).

3.3 DEPARTMENT OF CHEMISTRY

The Department of Chemistry consists (disciplines, Inorganic, Organic and P Chemistry. For the Master's degree cou instruction is common for all the bran(the Part - I level while the instructio specialised branch is given in the Secor Post-graduate degrees are awarded in the discipline separately.

Teaching and Research Staff:

1.	Dr. S.K. Paknikar, M.Sc.,Ph.D.	Professor
2.	Dr. V.N. Kamat Dalai, M.Sc.,Ph.D.	Professor
3.	Dr. J.K. Kirtany M.Sc., Ph.D.	Reader
4.	Dr. B.D. Desai M.Sc.,Ph.D.	Reader
5.	Dr. J.S. Budkuley M.Sc.,Ph.D.	Reader
6.	Dr. K.S. Rane M.Sc., Ph.D.	Reader
7.	Dr. J.B. Fernandes M.Sc., Ph.D.	Lecturer
8.	Dr. S.P. Kamat M.Sc., Ph.D.	Lecturer
9.	Dr. V.P. Kamat M.Sc.,Ph.D.	Lecturer
10.	Dr.A.V. Calker M.Sc.,Ph.D.	Lecturer
11.	Dr. S.G. hive M.Sc.,Ph.D.	Lecturer
12.	Dr. B. Dasgupta M.Sc., Ph .0.	Lecturer
13.	Dr. B.R. Srinivasan M.Sc.,Ph.D.	Lecturer
14.	Dr. N. Chandrasekhar M.Sc.,Ph.D.	Lecturer

In addition to the regular teaching staff Di Suneeta Nair completed her term as a C Pool Officer and joined the departmer Research Associate of CSIR. Dr. V.P. received recognition as a Ph.D. guide this academic year. Dr. J.S. Budkuley ha awarded 'Visiting Associateship' of CSI period of two years.

Contributory Teachers :

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

1. Prof. S.R. Gadre, Department of Chemistry, University of Poona, Pune.
2. Dr. A.H.M. Siddalingaih, Department of Chemistry, Karnatak University, Dharwad.
3. Dr. Vijaymohan, National Chemical Laboratory, Pune.
4. Dr. D. D. Dhavale, Department of Chemistry, University of Poona, Pune.
5. Dr. U.M.X. Sangodkar, Department of Marine Biotechnology, Dr. R.B. Tangsale, Department of Physics, Dr. (Mrs.) Suneeta Nair, Pool Officer (CSIR) Goa University and Dr. P.R. Pednekar, Hindustan Ciba-Geigy Goa participated in the teaching programme.

Details of Research Students:

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

The research student working under the guidance of Dr. B.D. Desai discontinued his research work.

Research Projects : (Ongoing)

1. Prof. S.K. Paknikar and Dr. V.P. Kamat 'Medicinal Plants of Goa : Chemical Examination in search of Bio-active Compounds'. Funded by Govt. of Goa (Duration 2 years).
2. Dr. J.B. Fernandes and Dr. J.S. Budkuley 'Research and Development of a Fuel Cell. An Alternate Energy Source'. Funded by Govt. of Goa. (Duration 3 years).
3. Dr. **J.B.** Fernandes and Dr. J.S. Budkuley 'Ammonolysis of **C₁₄ alcohols** over Zeolite Catalysts'. Funded by DST, New Delhi. (Duration 2 years).
4. Dr. A.V. Salker
"Development of Industrial and Auto-exhaust gas treatment catalysts'. Funded by CSIR, New Delhi. (Duration 3 years)

5. Dr. S.G. Tilve

'An approach towards total synthesis of cervinomycin —A₁'. Funded by DST, Nel (Duration 2 years)

6. Dr. V.P. Kamat

'Studies on Terpenoids', Funded from unassigned grants, Goa University. (D 2 years).

Some staff members have submitted R&E projects for financial assistance to various agencies, such as CSIR, DST etc.

Visitors to the Department:

- i) Dr. Nitin Borkar, German Remedies, Go offered a lecture on 'Validation in Pharma Industry' (September 21, 1992).
- ii) Dr. U.R. Kapadi, Post-graduate Centre, University, Kolhapur delivered a lecture titled 'Fundamental Aspects of Polymer Chemistry' (September 28, 1992).
- iii) Dr. M.V. Paradkar, Garware College delivered a talk entitled 'Synthesis of N Occurring Heterocycles' (March 10, 1991).
- iv) Prof. H.P. Tiwari, Department of Chemistry, University of Allahabad.
- v) Prof. D.P. Chakraborty, Gen. Secretary Calcutta.
- vi) Prof. R.C. Mehrotra, Emeritus Professor Chemistry, University of Rajasthan, Jaipur.
- vii) Dr. S.C. Pakrashi, Former Director, Institute of Chemical Biology, Calcutta.
- viii) Prof. D.K. Chattoraj, Jadavpur University, Calcutta.
- ix) Dr. N.K. Uberoi, Director, Centre for Educational Development in Higher Education, University of Delhi, Delhi.
- x) Prof. K.V. Sane, Instrumentation Centre, University of Delhi, Delhi.

Visits Abroad:

1. Dr. J.B. Fernandes is presently working at State University of New York as a post-doctoral fellow and is on study leave.
2. Dr. S.P. Kamat returned back in **DE** 1992 after successful completion of teaching and research assignment at California State University, California, U.S.A.

3. Dr. K.S. Rane spent three months at the University of Karlsruhe, Germany under reinstitution programme of DAAD, Germany.
4. Prof. S.K. Paknikar attended the 12th International Congress of Flavours fragrances and Essential Oils, held in Vienna, Austria during October 4-8, 1992. He also visited Germany and delivered lectures at University of Freiburg; Freiburg, University of Erlangen, Erlangen, Bonn University; Bonn, Max Plank Institute; Mulheim/Ruhr, Dragoco; Holzminden.

Participation in Seminars, Conferences and Workshops:

a) Following papers were presented by the staff members:

1. 'Contribution to the Chemistry of Patchouli Oil-Structure of a Fragrant Sesquiterpene Ketone, S.K. Paknikar, 12th International Congress of Flavours, Fragrances and Essential Oils, Vienna, Austria (October 1992).
- ii) 'Action of Phosphorus pentachloride on Isolongifolol - Characterization of Tri-isologifolyl Phosphate, V.P. Kamat, 80th Indian Science Congress, Goa (January 1993).
- iii) 'Electron Spin Resonance of copper vanadates', A.V. Salker, D.K. Chakrabarty and H.V.Keer, 80th Indian Science Congress, Goa (January 1993).
- iv) 'Reduction of nitric oxide by carbon monoxide over some vanadium oxides' 11th National Symposium on Catalysis, Hyderabad. (April 1993).
- v) 'Comparison of the Effects of Cyclosporine-A and Cyclosporin-G on ADP stimulated platelet aggregation', J.B. Fernandes, United States National Symposium of Clinical Research, U.S.A. (April 1993).

b) Weekly Seminar Session is a very important activity of this department. The M.Sc. students, research students, faculty members deliver seminar talks. Lectures by visitors are also arranged on the weekly seminar day as far as possible. Dr. J.S. Budkuley, Dr. B.R. Srinivasan, Dr. K.S. Rane delivered lecture/s during the academic year.

c) The department and the Academic Staff College, Goa University jointly organised a need based refresher course in Chemistry for Goa teachers. A workshop on low cost fabrication of

analytical instruments was a special feature of this course. The course was inaugurated by Prof. R.S. Lawande, Ex-Principal, S College, A mbejogai, Maharashtra. I Chandrasekhar, Dr. V.P. Kamat, Dr.S.P. and Saiker attended this course.

- d) Prof. S.K. Paknikar worked as Local Secretary for the 80th Session of Indian Science Congress on behalf of Goa University. Teachers and students from various departments actively participated in organising this big event which was inaugurated by the Prime Minister of India. A separate room has been identified for the 80th Science Congress room in the department to display the posters depicting the History of Indian Science Congress.
- e) Dr. V.P. Kamat attended a Orientation Course on 'Evaluation' conducted by Academic Staff College, Goa University. He also delivered lectures entitled 'Genesis of PO and 'Newer Methods of Pest Control' under the auspice of Indian Rubber Institute Goa.
- f) Dr. J.S. Budkuley, K.S. Rane, A.V. Salke Srinivasan, V.P. Kannat and Prof. S.K. Paknikar delivered lectures in the subject upgrade programme at different orientation courses organised by the Academic Staff College.
- g) Prof. S.K. Paknikar delivered lectures in a refresher course in Chemistry organised by the Department of Chemistry, University of Pune (June 1993).

Research Publication and other Articles:

N. Chandrasekhar

Electron transfer from nucleobase to 5-bromouracil: Is guanine a better electron sink for the electron in irradiated DNA? With Z. Yuan, M.N. Schuchmann and Sonntag, Int. J. Radiat. Biol. 62, 527 (1993).

Prof. S.K. Paknikar

Molecular Rearrangement of Longifolene in *Arthrobacter ilicis* T₂ with S. Bhonsle, Kaliwal and S. Mavinkurve, Applied and Environmental Microbiology, 59, 1691 (1993);

Revised Structure and Stereochemistry of Jatamansic acid, with G. Rucker, R. E. Breitmaier, G. Will and L. Wiehl, Phytochemistry, 33, 141 (1993).

Dr. A.V. Salker

Reduction of nitric oxide by carbon monoxide over some vanadium oxides, with D.K. Chakraborty and H.V. Keer, Proc. 11th National Symposium on Catalysis, 97 (1993).

3.4 DEPARTMENT OF GEOLOGY

Teaching and Research Staff:

1.	Dr. P.S. Raikar M.Sc.,Ph.D.	Reader & Head
2.	Dr. A.G. Dessai M.Sc.,Ph.D.	Reader
3.	Dr. T.A. Viswanath M.Sc.,Ph.D.	Lecturer
4.	Dr. K. Mahender M.Sc.,Ph.D.	Lecturer
5.	Dr.A.G. Chachadi M.Tech, Ph.D.	Lecturer
6.	Mr. Anthony Viegas M.Sc.	J.R.F.

Contributory Teachers:

1. Dr. M.S. Mannikeri, Professor of Geology from Karnataka University, Dharwar, delivered lectures in Principles of Stratigraphy and Palaeontology.
2. Dr. V.V. Peshwa, Reader in Remote Sensing, Department of Geology, University of Poona delivered lectures and practicals in elective course Remote Sensing.

Details of Research Students:

Name of the Guiding Teacher	No.of Students M.Phil. Ph.D.
Dr. A.G. Dessai	1

Research Project:

1. "Analysis of unsteady flow to a large diameter well tapping multi-aquifer system" UGC sponsored minor research project under the Principal Investigator of Dr.A.G. Chachadi.
2. Microfacies analysis of Miolitic Limestones of Diu, Western Indian sponsored by Department of Science and Technology, New Delhi, Principal Investigator.

Dr. K. Mahender.

3. "Petrology of xenolith bearing Alkaline dyke-

swarm associated with Deccan volc South of Bombay, sponsored by Depart Science and Technology, New Delhi. Pr Investigator Dr. A.G. Desai.

Visitors to the Department :

1. Prof. B. Sheik Ali, Ex-Vice-Chancellor University.
2. Prof. K.K. Singh, Vice-Chancellor, Jiya versity, Gwalior.
3. Prof. K.B. Powar, Ex-Vice-Chancellor, University.
4. prof. R.K. Bannerji from Department o Sciences,I.I.T. Bombay; Prof. R.K. Sukh Head, Department of Geology, Kolhapur, University and Prof. N.M. Vashi from [ment of Geology, M.S. University, Barg

Visits Abroad:

Dr. A.G. Dessai, Department of Geology wa: sored by Goa University on CSIR-CNI lowship for visiting France, under thE French Cultural Exchange Programm 6.11.92 to 12.12.92. Dr. Dessai also de lectures on Deccan Magmatism at Normale Superieure de Lyon, France.

Participation in Seminars, Conference Workshops:

1. Dr. K. Mahender participated in the sponsored 9th Group Monitoring Work! Earth Sciences at Mysore University h 10th and 11th December, 1992.
2. Dr. A.G. Dessai attended the third Groul toring Workshop of Department of Scier Technology held at Pune on 17th an December, 1992.

Research Publications and other Article\$.

1. "Discrete Kernel Solution to Multi-equip(diameter well" published in Proceedinl national on hydraulic engineering s("Hydrosoft-92" - Spain by Dr. A.G. Ch (with Ranganna and John).
2. Texture, Mineralogy and Sedimentation Coast: A comparative study of North an Goa Beaches, West Coast of India. In Jii V.(ed.): Recent Researches in Sedimer PP. 203-213- 1992, Hindustan Publishi

poration, New Delhi by Dr. K. Mahender (with Carvelho and Borcar).

Any other Details:

Field training programme was conducted separately for M.Sc. Part I and Part II students during October/November 1992 and about fifteen days were spent in the field programme. M.Sc. Part I students visited Badami, Gadag Gold prospects, Vajrakaroor, Salem Magnesite, Bangalore granites accompanied by Dr. T.A. Vishwanath and Dr. A.G. Chachadi, M.Sc. Part II students visited Pavagarh, Ambadongar Fluorite deposits, Space Application Centre (SAC) and Institute of Reservoir Studies (I RS-ONGC) Ahmedabad, Zawar Pb-Zn mines and Jharriarkotra Phosphate Deposits in Rajasthan Accompanied by faculty members Dr. A.G. Dessai and Dr. P.S. Raikar as a part of geological field mapping and training programme. A good collection of samples were made for the Departmental Museum.

3.5 DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

The year 1992-93 is the sixth year since the Department of Computer Science & Technology was set up and started MCA degree program. During the year under report 23 students got selected for admission to the six semester MCA course. The functioning of the Computer Laboratory installed with a UNIX based system was generally satisfactory through-out the academic year with all three batches of MCA students getting minimum 4-5 hours of Computer time every week.

1. Teaching and Research Staff

- | | | |
|----|--|---------------|
| 1. | Dr. Pralhad R. Rao
M.Sc., Ph.D. | Reader & Head |
| 2. | Shri S.A.M. Rizvi
M.Sc.(Maths),
P.G. Diploma in Computer Science. | Lecturer |
| | Shri V.V. Navelkar
M.Sc.(Computer Science),
M.S. (Industrial Management
System Engineering) | Lecturer |
| | Miss Yma Pinto
M.C.A. | Lecturer |
| 5. | Mrs. Jyoti D. Pawar
M.C.A. | Lecturer |

2. Contributory Teachers:

1. Dr. H. Shrek.umar, Dept. of Management i:?,1.)a University delivered **40 lectun** 'Comput6r Assisted Management".
2. Mrs. U.A. Katre, Chowgule College of **A** Science delivered 44 lectures on "Date File Structure"
3. Shri Lalitkumar B. Shah, Chartered Ac(tant, Panaji, delivered 40 lectures on "Acc ing & Financial Managment".
4. Shri S.S. Kulkarni, and Mrs. A.S. **Kull** Chowgule College of Arts & Science deli 40 lectures on "Systems Software and 1 puter Programming" and another 40 lec on "Computer Organisation and Asse Langugage Programming".
5. Shri Ramdas Karmali, Customer Suppor ecutive delivered 15 lectures on "P-C. Pr(tivity Tools".
6. Ms. Sharmila Veloso, Nirmala Institute of cation, delivered 30 lectures on "Commu tion Skills".
7. J.B. Nadda, Dept. of Management Stu Goa University delivered 40 lecture "Organisation Structure and Personnel agement".
8. Dr. Y. Valulikar, Dept. of Mathematics, University delivered 33 lectures on "Com based Numerical and Statistical Technic!"

3. Visiting Teachers

1. Dr. S.P. Mudur, Head, Graphics division, rs Bombay delivered 17 lectures on "Corn Graphics"
2. Shri V.V. Kamat was sent by NCST BornL deliver 15 lectures on "Computer Grap and 12 Pictures on "Interactive Corn Graphics"

Dr. S. Ramani, Director, NCST,

Bombay delivered 17 lectures on "Data I munication Network & Distributed Procesi

Shri N.N. Raju, Scientist, NCST, Bombay ered 35 lectures on "Systems Analysis Design".

5. Shri K.G. Satam, Scientist, NCST Bombay delivered 17 lectures on Data Communication Network & Distributed Processing".
6. Shri Ajay Kumar Gupta, Scientist, NCST Bombay delivered 37 lectures on "Unix and Shell Programming".
7. Shri Anant G. Joshi and Shri Bharat N. Desai, Scientist, NCST Bombay delivered 30 lectures on "Computer System Performance and Analysis".

4.1 DEPARTMENT OF **BOTANY**

1. **Teaching and Research Staff:**

1. Dr. B.F. Rodrigues **Lecturer;**
M.Sc., Ph.D.
2. Dr. P.K. Sharma **Lecturer**
M.Sc., Ph.D.
3. Dr. (Mrs.) V.V. Kerkar **Lecturer**
M.Sc., Ph.D.
4. **Dr. M.K. Janarthanam Lecturer**
M.Sc., M.Phil., Ph.D.

1. **Dr. P.D. Chavan**, Reader, Dept. of Botany, Shivaji University, Kolhapur delivered 4 lectures.
2. Prof. M.L. Srivastava, Dept. of Biological Sciences, Simon Fraser University, Canada delivered 2 lectures.

Research Project:

1. **Energy Plantations at Goa University**, ONE Goa Rs.5,00,000, 5 years.

Chief Investigator - Dr. B.F. Rodrigues.

2. "Survey, Screening and Selection of metal tolerant native plant species for launching an effective revegetation programme of Iron ore mines in Goa" DST Goa Rs. 2,26,000, 3 years. Chief Investigator - Dr. B.F. Rodrigues.

Effectiveness of UV-B radiation and interaction with high CO₂ & Temperature on growth, physiology and bio-chemistry of wheat. DST, New Delhi - Rs.2,58,000.

Chief Investigator - Dr. P.K. Sharma.

Participation in Seminars, Conferences & Workshops:

Dr. B.F. Rodrigues

Workshop "Evaluation Techniques" organized by Academic Staff College, Goa University 12-13th September, 1992.

Dr.(Mrs.) Kerkar V.

Workshop on "Biodiversity of Goa" College of Arts & Science, Farmagudi 1992.

M.K. Janarthanam

DST sponsored training programme on "Modern methods in Plant Taxonomy" held at Goa University from 2-26th March, 1993,

All the Staff Members of the Department

1. Participated in the 80th Annual Session of the Indian Science Congress Association' Goa from 3-8th January, 1993.
2. Attended workshop on "Plantation Prospects in Industries & **Allied Complexes**" held at Goa University on 30th January, 1992.

Research Publications and other Articles

- Rodrigues B.F. & S.G. Tome (1992). VAM - Rhizobium interaction on nodulation, total biomass of *Canavalia gladiata* DC.(Swordbean) Plant Cell Inoculation Newsletter 24: 47-50 (USA).
2. Rodrigues B.F., H.N.Nyabuto & S.O (1992). Herbaceous flora in the disturbed area of Ore mines in Goa. Journal of Eco Taxonomic Botany 16(1) : 95-98.
 - Rodrigues B.F. (1992). Characteristic Ore mine wastes in North Goa. Indian Congress. Abstract No. 327, pp. 199
 4. Sharma P.K. & Hall D.O. (1992). Chlorophyll composition & photosynthesis of sorghum under high light and salt stress. Plant Physiol. 140 : 661 - 666.
 5. Sharma P. K. & Hall D.O. (1992). The role of carotenoids in protection against photo-oxidation in Photo-synthesis, photoreaction productivity (Abroal Y.P., Mohai Govindjee eds.), pp. 469 -478. INH, N,

6. Sharma P.K. & Singhal G.S. (1992). Effect of photo-inhibition on photosynthesis and lipid peroxidation. *J. Photochem. Photobiol. B.Biol.* 13: 83 - 94.
7. Sharma P.K. & Singhal G.S. (1992). Effect of water stress on primary photosynthetic process: Interaction with light and temperature. *Ind. J. Biochem. Biophys.* 20: 10-14.
8. Sharma P.K. & D.O. Hall (1992). Changes in Carotenoid composition and photosynthesis in Sorghum under light and salt *J. Plant Physiol.* 146 : 661-666.
9. Sharma K.K. and G.S. Singhal (1992). Effect of water stress on primary photosynthetic process. *Ind. J. Biochem. Biophys.* 30 : 10-14.
10. Ambiye Vijaya and A.G. Untawale (1992). Deep water Marine algal flora of the submerged banks of West Coast of India in *Oceanography of the Indian Ocean*. Edtd. by B.N. Desai 247 - 251.
11. Kamat S.Y, S. Wahidulla, C.G. Naik, L. D'Souza, Vijaya Kerkar, D.S. Bhakuni, A.K. Goel, H.S. Garg and R.C. Srimal (1992). Bioactivity of Marine Organisms VI. Antiviral evaluation of marine algal extracts from the Indian coast. *Bot. Mar.* 35: 161-164.
12. Janarthanam M.K. & A.N. Henry (1992). Bladder worts of India. *Botanical survey of India, Calcutta.*

Any other Details:

1. Dr. P.K. Sharma was invited to present a research proposal for financial assistance to DST in its Brain storming session held at Lucknow from Nov. 29 to Dec. 2, 1992.
2. Dr. P.K. Sharma was invited to deliver a lecture in Dept. of Atomic energy (Govt. of India) sponsored symposium on Photosynthesis and Plant Molecular Biology held at Jawaharlal Nehru University, New Delhi from 17-19 March, 1993. Whole Department is actively engaged in planning and implementation of plantation programme on the University campus.

4.2. DEPARTMENT OF ZOOLOGY

Teaching and Research Staff:

1. Dr. A.B. Shanbhag Reader & Head

2. Dr. I.K. Pai Lecturer & Teacher-in charge upi 16th Nov.
3. Dr. S.K. Shyama Lecturer
4. Dr. R. Roy Lecturer

Contributory Teachers :

1. Shri M.P. Tonsekar, S.P. Chowgule College, Iv
2. Shri M.S. Antony - do -
3. Shri P.N. Kavri - do
4. Dr. D.K. Tikare - do -
5. Shri K.N. Mishra - do -
6. Dr. (Mrs.) Lucy Gomes, Dhempe College,
7. Dr. P.V. Desai - do -
8. Shri S. Godse - do -
9. Dr. S.R. Ganihar - do -
10. Dr. (Mrs.) Y. Modassir- do -
11. Mrs. S. Halkar - do -
12. Shri J. Menezes - do -
13. Dr. (Mrs.) M. Mallya, Carmel College, N
14. Miss Subhadra Devi, - do -
15. Shri Manoj Borkar - do -
16. Dr. A.V. Deshpande - do -
17. Dr. S.H. Bhosale - do -
18. Dr. J.R. Falerio, I.C.A.R. Complex, Oh
19. Shri S.A.M. Rizvi, Dept. of Computer Science Goa Univ

Research Projects :

Dr. A.B. Shanbhag - A Comprehensive Comparative study on the impact of moisture afforestations on the native environment of Goa, D.S.T.E. Goa Govt.

Visitors to the Department :

1. Dr. S.Y. Paranjape, National Professor, of Zoology, Poona University, Poona the Department in December, 1992.

2. Prof.(Mrs.) P.M. Hejmadi, Professor of Zoology, Utkal University, Bhubaneshwar, visited the Department in Jan. 1993.
3. Prof. J.S. Datta Munshi - Professor Emeritus, Bhagalpur University visited the Department in the month of January, 1993.
4. Prof. Ruth Bellair, University College of London visited the Department in the Month of January, 1993.
5. Dr. Chiaki Katagiri, Hokaido University, Japan visited the Department in the month of January, 1993.

Participation in Seminars, Conferences and Workshops:

1. Dr. A.B. Shanbhag, Dr. I.K. Pai and Dr. S.K. Shyama participated in (a) 80th session of Indian Science Congress at Goa University 3 - 1 - 1993 to 8 - 1- 1993 (b) 33rd Annual Conference of A.M.I. at Goa University 5 - 11 - 1992 to 7- 11 - 1992.
1. Dr. S. K. Shyama & Dr. R. Roy participated in W.H.O. sponsored workshop in Integrated Disease Vector Control at Goa University 1 - 3- 1993 to 5 - 3- 1993.
2. Dr. I.K. Pai and Dr. S.K. Shyama attended the Orientation Course at Academic Staff College, Goa University 21 -5 - 1992 to 17 -6- 1992.
3. Dr. A. B. Shanbhag participated in (a) Seminar on Goals and quality of higher education sponsored by A.I.C.H.E., Nirmala Institute of Education, Panaji - 13th April, 1993 (b) Seminar on Parent Teacher Association, P. E. S. College, Farmagudi - 18th April, 1993.
4. Dr. S. K. Shyama attended Refresher Course in Bio-Sciences at Mangalore University - 7- 12-1992 to 30-12-1992.

Research Publications and other articles :

1. Y. A. Heblekar & A. B. Shanbhag (1992). Some observations on Avifauna of Goa, Bio Diversity of Goa, 34.
2. I. K. Pal, S. N. Hegde & N. B. Krishnamurthy. Effect of two agricultural pesticides on mulberry silkworm. *Bombyx mori*, Mysore University. Ul. Platinum Jubilee issue, Section B(Science) 1992, vol. 32:334 - 337.
3. I. K. Pal. Extension of sericulture in Goa. Prob-

lem and prospects, Natl. Vonf. on m sericulture, Mysore, Dec. 10-11-1992.

4. I. K. Pai & S. N. Hegde. Biochemical al of PABA induced toxicity in mulberry si *Bombyx mori*, Int. Symp. on Env'tl. Mu and human health, Madras. February 1993.
5. S. K. Shyama, M. Abdul Rahiman 8 vinayalaxmi. Oestrogen (Ethy Oestrac duced genotoxicity in bone marrow ertho of mouse, Proceedings of the Interr Symposium of Environmental mutage human health and XVIII Annual confer EMS' 1993, 48.
6. Roy, R., Ghosh D., and Das A. B. Homeoviscous adaptation of differenl branes in the brain of an air breathing teleost, *Channa punctatus* during se variation of environmental temperature... Biol. 17, 209-215.

Popular Scientific Articles :

Dr. I. K. Pai

1. Control of bird nenance in Sericulture Silk (Govt. of India Publ.) 1993, 31(9):
2. Mental retardation : A Global **problem, IN** Times, 14 July, 1993 : pp. 10.
3. Shunti besaya, Spices India (Govt. c Publ.) 1992, 5(10) : 2-3.
4. 8 articles on Sericulture (Kanna "Krishiloka" magazine and one an "Kasturi" Kannada monthly entitled "El of life on earth".
5. Reshmekrishi - V : Hippunerale t usthuvari, Krishiloka, 1993, 27 (1) : 6-
6. Jeeva srusti aadiddu heege, Kasturi, Jul 103-108.
7. Reshmekrishi VI : Hippunerale sarru roopureshegalu, Krishiloka, 1993, 26(1

4.3 DEPARTMENT OF MICROBIOLOGY

Teaching and Research Staff :

1. Dr. (Miss) S. Mavinkurve Professor Ph. D.

2. Dr. J. D.'Souza Reader
Ph. D.
3. Dr. D. J. Bhat Reader
Ph. D.
4. Dr.(Miss) I. Furtado Lecturer
Ph. D.
5. Dr.(Miss) S. Bhosle Lecturer
Ph. D.
6. Dr.(Miss) S. Nazareth Lecturer
Ph. D.(on study leave w.e.f. 18.9.90 to 30.9.92)
7. Ms. B. Lobo Lecturer
Ph. D. (w.e.f. 14.11.91 to 30.9.92)
8. Mr. N. D'Souza, M.Sc.
UGC faculty improvement programme w.e.f.
31.3.90 to 31.3.1993.
9. N. Kamat, M.Sc.
Senior Research Fellow (Goa DST) w.e.f,
6.6.90
10. Mrs. S. M. Kaliwal, M.Sc.
Senior Research Fellow (CSIR) w.e.f. 1.1.91.
11. Mrs. S. Raj, M.Sc.
(i) Project Assistant (UGC) w.e.f. 1.8.92.
12. Mr. S. Sebastian, M.Sc.
UGC fellow w.e.f. 19.8.91 to 28.5.1992.
13. Ms. N. Parmekar, M.Sc.
Junior research fellow (DAE) w.e.f. 9.10.91
14. Ms. F. Sequeira, M.Sc.
Research Assistant (Goa DST) w.e.f. 2.9.92.
15. Ms. F. Saldanha, M.Sc.
Research Assistant (Goa DST) w.e.f. 26.9.92.
16. Ms. M. D'Souza, M.Sc
Research Assistant (DOE) w.e.f. 16.10.92.
17. Ms. S. Phal, M.Sc.
Research Fellow (GU) w.e.f. 12.1.93.

Contributory Teachers :

1. Mr. M. B. Kaliwal, Entomologist, Directorate of Health Services, Goa, delivered 15 lecturers.
2. Dr. V. S. Padbidri, Scientist, N. I. V. Pune, delivered 15 lecturers.

1. * Prof. J. Menezes, Lecturer, Dhempe C Panaji, delivered 18 lecturers.
 2. * Prof. S. V. Kamat, Lecturer, Dhempe C Panaji, delivered 20 lecturers.
 3. * Dr. A. Govai, Computer Programmer, delivered 12 lecturers.
- * Teachers for the common course for I Science and Microbiology in Statistics, ematics and Computers.

Visiting Teachers :

The following lectures/talks were organised department jointly with the Goa Unit of Asso(of Microbiologist of India.

- i) Dr. N. C. Srinivasan, head, Div. of Biochi Sciences, NCL, Pune, delivered lectui "Commercial Enzymes from Actionomy on 12th September, 1992.
- ii) Dr. (Mrs.) Lalitha Kabilan, Malaria Res Centre, New Delhi, delivered lecturers cell regulations of immune responses in modium falciferuses Malaria" on 5.2.19
- iii) Dr. ulhas Naik, State University of New Sunny Brroklyn, New Yourk, delivered l ers on "Phophorylation of recptor prote platelets" on 4.12.93.

Details of Research Students :

Name of the guiding Teacher No. of Studen
M.Phil./PI

1. S. Mavinkurve
2. J. D.Souza
3. D. J. Bhat

Research Project : (ongoing)

Prof. S. Mavinkurve

- i) Department of Atomic Energy, Bombay sored project on "Genetic Studies on ps monas strain S. transforming Santonin" f 2,37,900/- during the year 1990-93.
- ii) U.G.C. sponsored project on "Mechani Transport and transformation of santon Rs. 95,000/- during the year 1990-93.
- iii) CSIR sponsored project on "Interactic tween microorganism & hydrophobic subs longifolene & santonin" for Rs. 1,96,000, ing 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

- i) 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/-.

Dr. Joe D'Souza

DST (Goa) sponsored project on "Studies on improving garbage disposal system in Goa" for Rs. 1,18,000/-.

- ii) ' Dept. of Environment & Forests, Govt. of India, New Delhi, sponsored project on "Effect of mining on microbial ecology" of main project "Mining activity and its impact of water chemistry, Microbial Ecology & Environment, Bicholim Taluka, Western Ghats, Goa-Possible restoration measures" for Rs. 3,81,600.

Visits abroad :

1. Dr. S. Nazareth Visited Trieste, Italy during the period September 1990 to September 1992 on 2 year Research Scholarship in genetic engineering & Biotechnology.
2. Dr. Joe D'Souza visited Barcelona, Spain from 6-12 September, 1992 to present paper at "6th International symposium on Microbial Ecology".
3. Dr. Joe D'Souza visited Portugal during the period 1.4.93 to 24.7.93 on Scholarship from Fundacao Oriente, Instituto Nacional de Investigacao.

Participation in Seminars, Conferences and Workshops:

1. Dr. I Furtado participated in iCAR Project review meeting at Delhi during the period 6-Dec. 1992.
2. Dr. S. Mavinkurve participated in DAE project discussion at BARC, Bombay during the period 25-30 January 1993.
3. Dr. S. Bhosle participated in short term training course on "Ligninases" at Coimbatore during the period 1-18 Feb. 1993.
4. Dr. I. Furtado participated in refresher course in Microbiology at Hissar during the period 8-29 Feb. 1993.

5. Dr. D. J. Bhat participated in a UGC on 'Recent advances in Pl. Sciences Dept. of Botany, Bharatiar Uni Coimbatore on 29.3.1993.

6. Dr. D. J. Bhat participated in DBT sr Brain storming session on 'Food Biotechnology' during the period 5-9 May, 1993

Research Publications and other Articl

Papers Published :

- 1) "Molecular rearrangement of longifc *Arthrobacter ilicis* strain T2". S. BI Kaliwal, S. K. Paknikar and S. Mavinl

Applied Environment Microbiology 59,

1691-1693, May 1993.

- 2) 'New Conidial Fungi from Western Ghal India'. D. J. Bhat and W. B. K Mycotoxon, 49 : 9-90 1993.

Papers Presented :

The following papers were presented at Annual Conference held at the Goa U between 5th-7th November, 1992 :-

1. "Isolation and screening of cultures bolic activities and their applic composting. V. Kamat & Joe D'SouzE
2. "Some observation on Aquatic Hyphor Forest streams of Goa, Western Ind Pinto and D. J. Bhat.
3. "Microorganisms in the Mangrove Envi Nelson De souza and Joe D'Souza.
4. "Mode of utilization of Commercial La a Sesquiterpene by *Arthrobacter ilk* Kaliwal, S. Bhosle and S. Mavinkurvl
5. "Metabolism of Sucrose by *Arthrobac* F. Saldanha, S. Bhosle and S. Mavir
6. "Electrophoretic Karyotype of *Fusark* (mart.) sacc." Santa Nazareth al Bruschi.
7. "Study on melanisation in termi *orientalis* Heim and morphology of it phic isolate AVE - PMT". N. Kamat.
8. "Morphology of *Termitomyces* sp. iso 5 in shaken culture". N. Kamat.
9. "Fruiting of an in-vitro grown termitor isolate on Potato Dextrose Agar uncle conditions". N. Kamat.

10. "Metabolism of Benzoate by *Arthrobacter ilicis*"
D. S. Kuvelkar, S. Mavinkurve and S. Bhosle.
11. "Isolation of variant of *Pseudomonas* S ATCC 43388" C. D'Souza, I. Furtado and S. Mavinkurve.
12. "Mutagenesis of *Fusarium Solani* (Mart.) Sacc".
Santa Nazareth and Carlo Bruschi.,
13. "Studies on improving garbage disposal systems in Goa". F. Sequeira and J. D'Souza.
14. "Isolation and characterisation of Extreme Halophiles from salt - pans of Goa" F. Sequeira and I. Furtado.

(This paper was awarded consolation prize amongst the papers presented as posters.)

15. Paper presented at "6th International symposium on Microbial Ecology" at Barcelona Spain held between 6-12th Sept. 1992. "Role of microorganisms & soil enzymes in the estuarine environment" Nelson D'Souza and Joe D'Souza.
16. Paper presented at the UGC Seminar on 'Recent Advances in Plant sciences' held at Bharatiar University, Coimbatore on 29.3.1993. "Men and Molds" Dr. D. J. Bhat.
17. Paper presented at the workshop on "Integrated disease vector control" held at Goa University between 1-5 March, 1993" Biotechnology in Medicine", Dr. J. D'Souza.

Any Other Details:

1. Alumini : The Department formed the 'Alumini' association of the past students. A meeting was held on 25th July, 1992 and an Executive Committee was formed.
2. The 33rd Annual Conference of AMI : The 33rd annual conference of AMI was successfully held on 5-7th November, 1992.
3. A workshop on 'Integrated control of vector control' was organised jointly with Malaria research centre, panaji on 1-5, March, 1993.
4. The department actively participated in the arrangement of 80th Indian Science congress jointly organised by Goa University and national Institute of Oceanography.
5. The student and staff of Department of Microbiology participated in (i) The workshop of Biodiversity organised by Department of Science and Technology Goa. (ii) the Science week organised by Department of Marine Bio-

technology, Goa University on 22-27 Feb 1993.

- 6) Extension services : Microbial analysis of bage samples was carried out for the sponsored project by Karnataka State (for Science and Technology.

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4.1tOrt'ARTMENT OF,NRI_nE I ° TTECHNC

1. Teaching

iTig^{le} & Research Staff

- | | |
|----------------------------|-----------|
| 1. Dr. U.M.X. Sangodkar, | Professor |
| M.Sc.; Ph.D. | Coordina1 |
| 2. Dr. P. M. Reddy | 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.; Ph.D. | |

Research Staff

- | | |
|-------------------------|------------|
| 1. Dr. C. Rivonkar | Research |
| M.Sc.; Ph.D. | AssociatE |
| 2. Mr. L. H. Bhosle | |
| 3. Ms. Joanita Coelho | J.R.F., |
| 4. Mr. Neil Fernandes, | J.R.F., DI |
| 5. Mr. Manish Baradwaj, | J.R.F., DI |
| 6. Ms. Trupti Walke | Technica |
| | Asstt., DE |

2. Contributory Teachers :

1. Dr. A. H. Parulekar, Asstt. Director, N.I.O
2. Dr. C. G. Naik, Scientist, N.I.O.
3. Dr. T.V. Ravindran, Scientist, N.I.O.
4. Dr. R. B. Bhosle, Scientist, N.I.O.
5. Dr. A. B. Wagh, Dy. Director, N.I.O.
6. Dr. S.S. Sawant, Scientist, N.I.O.
7. Dr. A. Sarkar, Scientist, N.I.O.
8. Dr. Z. A. Ansari, Scientist, N.I.O.
9. Dr. S.R.S. Nair, Scientist, N.I.O.
10. Dr. Anil Chatterjee, Scientist, N.I.O.
11. Dr. D. Chandramohan, Scientist, N.I.O.
12. Dr. Lata Raghukumar, Scientist, N.I.O.

13. Dr. Usha Goswami, Scientist, N.1.0.
14. Dr. A.G. UntawaJe, Asstt. Director, N.1.0.
15. Shri A. Goveia, Scientist, N.1.0.
16. Dr. S. G. P. Matondkar, Scientist, N.1.0.
17. Dr. S. Verlenkar, Scientist, N.1.0.

Details of Research Students :

Name of the guiding Teacher	No. of Students
Dr. U. M.X. Sangodkar	M.Phil. 4 Ph.D 4

Research Projects :

Dr. U.M.X. Sangodkar

"Application of Natural and recombinant Microorganisms to biosurfactant production, oil Spill Degradation and pollution Control". Funded by Department of Biotechnology, Ministry of Science & Technology, Govt. of India, new Delhi, for 3 years. Amount Rs. 27.00 lakhs.

Topics of Research for Dissertation ;

1. Ajoy R. Shaw

Extracellular Differentiation inducing factor stimulates Akinet formation in the marine cyanobacterium *Nodularia Spumigena* HK VV (Supervised by Dr. P. M. Reddy).

2. Sushmita Saha

Characterization & immobilization of a selected strain of Alkaline protease producing marine bacteria (supervised by Dr. U. D. Muralidharan).

3. Sanjay Kumar

In Situ detection of catechol 2,3 Dioxygenase (EC. 1.13.11.2) Enzyme activity in gels, purification & study of catechol 2,3 deoxygenase from a marine isolate *Moraxella* sp. for degradation of aromatic compounds (Supervised by Shri Sanjeev Ghadi).

4. Satyakam Chakravarty

Molecular breeding of oil degrading marine microorganism : isolation & characterization of mixed cultures utilising M-Toluic acid. (Supervised by Dr. U.M.X. Sangodkar)

5. Priya F. de Souza

Rodent peritoneal macrophages, monolayer culture maintenance in vitro (Supervised by Dr. U. Barros).

6. Vaishali Handa

Study of degradative pathway of nicotine in *Pseudomonas* using trans Tn5. (Supervised by Dr. U.M.X. Sangodkar)

7. Shaji R. V.

Tissue culture of the seaweeds *Gelidium* & *Sargassum cinerimum*. After standardise the methods for surface sterilization & callus induction. (Supervised by M. Reddy).

Visitors to the Department :

1. Prof. A. Tamaki, Nagasaki University (Japan) undertook a study in Oct-Nov. 1992 on benthic communities along the Goa Coast (collaboration with Dr. C. L. Rodrigues) study was sponsored by the Japanese Society for the promotion of Science (JSPS) and Indian Council of Scientific Research.
2. Prof. P. G. Kurup, Cochin University of Science and Technology.
3. Dr. TAYEB Nicole, Hospital La Tronche, France.
4. Dr. M. C. Srinivasan, Head, Biochemical Sciences Division N.C.L. Pune 411008.
5. Padmashri Dr. G. Padmanaban Dept. of Chemistry I.I.Sc. Bangalore.
6. Dr. S. Ramachandran, Secretary, DBT, Ministry of Science & Technology, Govt. of New Delhi.
7. Dr. Ulhas P. Naik, state University of New Health Science centre, Brooklyn New U.S.A.
8. Dr. S. Y. Paranjape, Professor, Dept. of Zoology, Pune University, Pune.
9. Prof. D. P. Burma, Molecular Biology Institute of Medical Sciences BHU, Varanasi
10. Dr. S.D. Tripathi, CIFA, Bhubaneswar
11. Prof. N. C. Dutta, Calcutta University, Calcutta Zoology, Calcutta 700019.
12. Prof. Ruth Bellaris, Dept. of anatomy, University College London, Gower street, London WC1E6BT U. K.
13. Prof. Chiaki Katagiri, zoology Institute, Faculty of Science, Hokkaido University, Sapporo Japan.
14. Prof. D. K. Chatterji, Dept. of Food Tech and Biochemical Engineering, Jadavpur University, Calcutta.

15. Dr. Olavi Wvorela, Medical Practioner, Finland.
16. Mr. Anil de Sequeira, Food process Engineering, Reading university, U.K.
17. Dr. E DeSa, Dy. Director, NIO.
18. Dr. R. S. Lawande, Chemistry Dept., Pune University.
19. Dr. M. V. Paradkar, Dept. of chemistry, Post Graduate Research Centre, A. G. College, Pune.
20. Prof. Sohan P. Modak, Dept. of Zoology, Molecular Engineering Laboratory, University of Poona, Pune 411007.

Visits Abroad : Dr. P. M. Reddy visited Cholburi Thailand (1992).

Participation in Seminars, conferences & Workshops :

Dr. P. M. Reddy

International consultation on Rice Biosafety in southeast Asia - held at Jomtien, Cholburi, Thailand (Sept. 1-3, 1992).

Sanjeev S. Ghadi, Savita Kerkar and U. M. X. Sangodkar participated in International Symposium on Ocean Technology, NIO, Goa 1992.

Joanita Coelho and U. M. X. Sangodkar participated in Annual Conference of Microbiologists of India, Goa 1992.

U.M.X. Sangodkar participated in i) Brain storming session on Biodegradable plastics, organised by Dept. of Biotechnology, New Delhi.

ii) Brain Storming session on Mprine Biotechnology organised by Department of Ocean Development, New Delhi and American Embassy, New Delhi.

Research Publications and Other Articles :

P. M. Reddy : Ability of the microorganisms to move the genes in natural environments. In International consultation on Rice Biosafety in southeast Asia - held at Jomtien, Cholburi, Thailand (Sept 1-3, 1992). (Paper presented).

S. G. Ghadi and U. M. X. Sangodkar : Molecular Breeding of oil degrading Microorganism : Development of Phenol Degrading mutant of

pseudomonas cepacia AC1000. Proc(of International Symposium on Oear nology, Goa, 1992.

Savita Kerkar : Studies on antibiotic I tion by Marine streptomyces. Proceed International symposium on Ocean T ogy, Goa, 1992.

J. Coelho and U. M. X. sangodkar : Cc Biodegradation of Hexamethylene diar Pseudomonas species. 33rd Anual Conl of A. M. I. Goa p236, 1992.

Any Other Details : Dr. P. M. Reddy vw in who's who in Science and Technolog quis who's who in america, USA 1992)

DEPARTMENT OF MARINE SCIENCE

Teaching and Research Staff :

1. Dr. U.M.X. Sangodkar Professor M.Sc.,Ph.D.
2. Dr. C.L. Rodrigues Reader **M.Sc.,Ph.D.**
3. Dr. G.N. Nayak Reader M.Sc.,(A.G.)Ph.D.
4. Dr. H.B. Menon Lecturer M.Sc., Ph.D.
5. Dr. S. Upadhyay Lecturer M.Sc.,Ph.D.
6. Mr. S. Bukhari, J.R.F. M.Sc,
7. Ms. A. Balamani J.R.F.,UGC M.Sc.
8. Ms. Shakuntala Caeiro J.R.F., DOI
9. Mr. Mohan Girap **J.R.F., DOI**
10. Mr. Blaize Fernandes J.R.F., DOI
11. Mr. Sanjeev Raikar Technical I DOEn.

Contributory Teachers:

1. Dr. Ramesh Babu, Scientist, N
2. Dr. P.V. Sathe Scientist, I
3. Dr. Solimabi Wahidulla Scientist, N
4. Dr. S.N. DeSouza Scientist, Is
5. Dr. S.C. Goswami Scientist, I
6. Dr. T.G. Jagatap Scientist, Is
7. Dr. Babpn Ingole Scientist, N

8.	Dr. N. Ramaih	Scientist, N.I.O.
9.	Dr. A. Sarkar	Scientist, N.1.0.
10.	Dr. S.Y.S. Singbal	Scientist, N.I.0
11.	Dr. C.G. Naik	Scientist, N.I.0
12.	Dr. T.V. Ravindran	Scientist, N.J.O.
13.	Dr. N.B. Bhosle	Scientist, N.1.0.
14.	Dr. A.B. Wagh	Dy. Director, N.I.0
15.	Dr. S.S. Sawant	Scientist, N.1.0.
16.	Dr. Analia Mesquita	Scientist, N.1.0.
17.	Dr. Sujatha Kaisary	Scientist, N.1.0.
18.	Dr. N.H. Hashimi	Scientist, N.1.0.
19.	Dr. M.V. Ramana	Scientist, N.1.0.
20.	Dr. R. Nigam	Scientist, N.1.0.
21.	Mr. S.U. Kamat	Dhempe College, Pa nail
22.	Mr. J.A. Menezes,	Dhempe College, Panaji.
23.	Dr. A. Gouveia	Scientist, N.I.O.
24.	Dr. P. Chandramohan	Scientist, N.1.0.
25.	Dr. Ramesh Kumar	Scientist, N.I.O.
26.	Dr. S. Rajendran	Scientist, N.I.O.
27.	Dr. S.W. Naqvi	Scientist, N.1.0.
28.	Dr. A.B. Valsankar	Scientist, N.I.O.
29.	Dr. A.H. Parulekar	Scientist, N.I.O.
30.	Dr. A.G. Untawale	Scientist, N.I.O.
31.	Dr. V.P. Devassy	Scientist, N.1.0.
32.	Dr. C.T. Achuthankutty	Scientist, N.I.O.
33.	Dr. Usha Goswami	Scientist, N.I.O.
34.	Dr. M. Madhupratap	Scientist, N.I.O.
35.	Dr. M.V.M. Wafar	Scientist, N.1.0.
36.	Dr. Z.A. Ansari	Scientist, N.I.O.
37.	Dr. A. Chatterji,	Scientist, N.I.O.
38.	Dr. M. Dileep Kumar	Scientist, N.I.O.
39.	Dr. M.D. George	Scientist, N.I.O.
40.	Dr. V.K. Dhargalkar	Scientist, N.I.O.
41.	Dr. Joseph P. Royan	Scientist, N.I.O.
42.	Dr. Parveen Rattan	Scientist, N.1.0.
43.	Dr. S. Verlencar	Scientist, N.1.0.
44.	Dr. S. Matondkar	Scientist, N.1.0.
45.	Dr. S.N. Harkantra	Scientist, N.1.0.
46.	Dr. A.C. Anil	Scientist, N.1.0.
47.	Dr. V.N. Kodagali	Scientist, N.1.0.
48.	Dr. T. Pratima	Scientist, N.1.0.
49.	Dr. S.M. Karisiddaih	Scientist, N.1.0.
50.	Dr. Sreekumar Nair	Scientist, N.1.0.

Details of Research Students:

Name of the guiding Teacher	No. of Stud
	M.Phil. P
Dr. C.L. Rodrigues	
Dr. G.N. Nayak	

Research Projects:

Dr. C.L. Rodrigues

Taxonomical and Ecological Sunv Lakshadweep for Perumal Park - Fun(Dept. of Environment, New Delhi. A Rs.3,41,000 for 3 years (on going).

Dr. G.N. Nayak

1. Spatial variation in the texture and mine of Chapora beach, North Goa, West Cc India. Funded by UGC New Delhi. A Rs.12500-00, 2 years. Project compl Report submitted in November, 1992.
2. Studies on sediment flux of rivers, estua adjoining coastal waters of Goa, west GI India. Funded by DOEn, Govt. of Indh Delhi. Amount Rs.3,59,200.00, for 2 yea 6 months, DOEn project.)
3. Mining activity and its impact on water c try, microbial ecology and enviroor Bicholim Taluka, Western Ghat, Goa - pc restoration measures. Funded by DOEn of India, New Delhi. Amount Rs. 7,96,4 for 3 years DOEn projects). - sub proje (- (on going).

Topics of Research for Dissertation:

Aftab Ahmed Can

Hydrography and volume transport of th Coast of India (Supervised by Dr. H.B. **IV**

Anita Fernandes

Ovarian maturation in penaeid prawns (vided by Dr. S.R. Sreekumaran).

Ashwini A. Wagh

Some aspects of quantitative ecology ing diatoms (Supervised by Dr. Anil A.1

Boris John Nazareno Countinho

A study of prosobranchs along the rocky of the Goa Coast, with particular refer(planatis sulcatus (Born) (Supervised C.L. Rodrigues).

Devanand S. Satarkar

Studies on petroleum hydrocarbons in the Mandovi estuary, Goa. (Supervised by Dr. S.P. Fondekar).

Edward Nicholas Fonseca

Evaluation of the analysis of organochlorine pesticides and PCBs from the marine environment. (Supervised by Dr. A. Sarkar).

Eldred S. Gracias

Spatial variation in the soft sediment macro-invertebrate assemblage at Marmagoa Harbour, Goa. (Supervised by Dr. Z.A. Ansari).

Gayatri Puranik

Studies on mineralogy and the deposition environment of clays at the Mandovi estuary (Supervised by Dr. G.N. Nayak).

Kanakadandi Shanta S.

Fundamental concepts of the directional ocean wave spectra from synthetic aperture radar (Supervised by Dr. H.B. Menon).

Mangesh Gauns

Fine scale vertical and spatial distribution of intertidal meiofauna at Dias Beach, Goa. (Supervised by Dr. Z.A. Ansari).

Maria Judith B.D.DeSouza

Studies on marine phosphate solubilising Bacteria. (Supervised by Dr. Shanta Achuthankutty)

Participation in Seminars, Conferences and Workshops:

Dr. G.N. Nayak

1. Presented a paper on "Spatial and temporal distribution of total suspended matter and other associated parameters in the Zuari estuary Goa" at IX Convention of Indian Association of sedimentologists (IAS) held at Poona University Pune between 28-29 Dec. 1992.
2. Attended DOEn project monitoring workshop held at Trivendrum Sept. 1992.

Dr. S. Upadhyay

International Ocean Technology Symposium (27-29 August, 1992) held at NIO, Goa.

Research Publications and Other Article

Dr. G. N. Nayak

Distribution of heavy minerals and prov sediments in the beaches around Karwa Coast of India. Jour. Ind, Assoc. Sedim, 9 pp 77-90.

Dr. Harilal B. Menon

Harilal B. Menon, "Fronts food grain (31 Accepted for presentation in the Intern symposium and workshop held at Ken rifle Fisher. Research Institute, Kenya, 7th - 12th April, 1993.

5.1 DEPARTMENT OF COMMERCE

Teaching & Research Staff:

- | | |
|--------------------------------------|----------|
| 1. Dr. B. Ramesh | Reader |
| M.Com. ;M.Phil;Ph.D. | |
| 2. Dr. P. Narayana Reddy | Lecturer |
| M.Com. ;Ph.D. | |
| 3. Mr. Nandakumar Mekoth | Lecturer |
| M.Com. | |

Contributory Teachers:

1. Dr. D.V. Borkar, Principal, Shree Da College of Commerce & Economics, M Goa.
2. Dr. William R. Da Silva, Reader & Head, of Sociology, Goa University.
3. Smt. Archana Kakodkar, Documentatio cer & Research Staff, Centre for Latin can Studies, Goa University.
4. Shri A.P. Kamat, Lecturer, S.S. Dempo C of Commerce & Economics, Altinho, I Goa.
5. Shri S.V. Sukthankar, Lecturer, Govt. C of Arts, Science & Commerce, Kha Marcela, Goa.
6. Shri G.R. Kamath
7. Shri Lalitkumar B. Shah, Chartered A tant.
8. Prof. R.B. Nair, Director, VVM's Insti Management & Research, Margao, Gor
9. Shri C.Y. Ramani, Chartered Accounta
10. Shri U.D. Kamat, Director, Directorate o ism, Govt. of Goa, Panaji.

11. Shri A.M.H. Mubarak Ali, Resident Manager, Hotel Mandovi, Panaji, Goa.
12. Shri Satish G. Hegde, Lecturer, Dept. of Management Studies, Goa University.

Visiting Teachers: ,

1. Dr. P.S. Rao, Prncipal, Chhatrapati Shahu Central Institute of Business Education & Research, Kolhapur.
2. Prof. Dakshina Murthy, Head, Dept. of Commerce, Nagarjuna University, Nagarjuna Nagar, Guntur (U.P.)
3. Dr. K.C. Vijayakumar, Calicut University, Malappuram, Kerala.
4. Mr. Rajesh Chheda, Chartered Accountant & Investment Consultant, Panaji, Goa.

Details of Research Students:

Name of the Guiding Teacher	No. of Students	
	M.Phil.	Ph.D.
1. Dr. B. Ramesh	8	
2. Dr. P.N. Reddy	6	
3. Mr. Nandakumar Mekoth	3	

Research Project:

Dr. B. Ramesh

- i) ~~M.B.C~~ sponsored, under progress.
- ii) Awarded Ph.D. degree in Dec. 1992 by S.K. University for his thesis entitled 'Productivity and Profitability of Public Sector Banks in India'.

Dr. P.N. Reddy

Marketing Practices and Problems of Village Industries in Goa.

Participation in Seminars/Conferences/Workshops:

Dr. B. Ramesh

- i) Attended a one-day seminar organised by the Centre for Latin American Studies, Goa University.
- ii) A Four Week Refresher Course in Commerce for College Lecturers was co-ordinated in the month of October, 1992 at the Academic Staff College, Goa University.

- iii) Organised a one-day seminar on 'Worm trepreneurship' in March, 1993 by the C ment.

Dr. P.N. Reddy

- i) Attended and presented a pap('Liberalisation of Indian Economy : LE from Latin American Countries' organi! Centre for Latin American Studies, Go versity.
- ii) Attended two day seminar on 'Canadiar ies Seminar on Canada and India' : A parative Studies Programme, Goa Univ
- iii) Organised and participated one day s(on 'Women Entrepreneurship in Goa March, 1993.

Mr. M. Nandakumar

Attended a training course in Research odology in Social Sciences sponsored by I at CIRT, Pune from 28th October to 18 vember, 1992.

Research Publications and other Articles

Dr. B. Ramesh

- i) Contributed a paper in absentia on 'Fir and Cost Information and Evaluation (Antibiotics and Pharmaceuticals Ltd. XVII Annual Conference of Indian Accc Association and International seminar o ics in Accounting held from 14th to 161 1993 at Udaipur.
- ii) Contributed a paper in absentia on 'Dire eign Investment and Financial Highlic Selected Companies in India' from M 30th, 1993 organised jointly by the Ind socation for Management Developme Inter-University Council of Business Edi and Research at Aurangabad.

Dr. P.N. Reddy

Quality of Work Life in Garments Inch Goa, Indian Journal of Commerce, JunE

6.1. DEPARTMENT OF MANAGEMENT Si

Teaching and Research Staff :

1. Dr. A. Sreekumar **Head**
B.Sc.(Engg.),M.B.A.
Fellow of IIM (Ahmedabad)

2. Dr. J.B. Nadda Reader
[M.Com.](#), M.B.A., Ph.D.
3. Mr. S.G. Hegde Lecturer
[B.Com.](#), M.B.A.
4. Dr. Satish Kumar Lecturer
M.B.A., Ph.D., F.D.P.
(IIM Ahmedabad)
5. Mr. M.S. Dayanand Lecturer
[B.Com.](#), M.B.A.

Contributory Teachers:

1. Ms. Ema Pinto
MCA, Lecturer, Dept. of Computer Science & Technology, Goa University delivered 30 lectures in the subject of 'Introduction to Computers'.
2. Mr. S.L. Sardessai,
Faculty Member & Head, Dept. of Economics, S.S. Dempo College of Commerce, Panaji, delivered 30 lectures in the subject of 'Business Environments'.
3. Mr. Maria Sequeira,
B.Sc., M.M.S., Managing Partner, Tonia Distilleries, Raia, Salcette - Goa delivered 30 lectures in the subject of 'Management Concepts'.
4. Mr. Joaquim Sarto Gracias,
[B.Com.](#), M.B.A., delivered 30 lectures in the subject of 'Financial Accounting & Business Law'.
5. Mr. S.K. Datta,
B.E., M.M.S., Executive Engineer, Electricity Dept., delivered 30 lectures in the subject of 'Quantitative Techniques for Management Decisions'.
6. Mr. Anand Sangoram,
[B.Com.](#), C.S., C.A., [M.Com.](#), delivered 75 lectures in the subject of 'Financial Management, Working Capital Management & cost & Management Audit'.
7. Mr. U.A. Katre,
Reader & Head, Dept. of Computer Science, Chowgule College of Arts & Science, Margao delivered 30 lectures in the subject of 'Computer Applications & Information Management'.

1. Mr. Nandakumar Mekoth, [M.Com.](#), 1_4 Dept. of Commerce, Goa University delivered 30 lectures in the subject of Management accounting.
2. Mr. R.D. Kamat,
C.A., Financial Controller, Automobile Corporation of Goa Ltd., delivered 30 lectures in the subject of 'Tax Planning Management'.
3. Mr. M.D. Dhodapkar,
M.Sc. Manager, The United Western Bank delivered 15 lectures in the subject of 'V Capital Management'.
4. Mr. G.R. Kamat,
B.A., [B.Com.](#), C.A., IIB., MAM, delivered lectures in the subject of 'International Accounting'.
5. Mr. S.P. Sathe, [B.Com.](#), delivered 30 lectures in the subject of 'Import/Export Procedures'.

Visiting Teachers:

1. Dr. V.M. Nair,
Consultant to Mitsubishi Corporation, visited the Department and delivered lectures on the topic of 'Project Appraisal'.
2. Ms. Mayna Singh,
Director Academy of Hospitality, visited the Department and delivered lectures on the topic of 'Marketing and Product Positioning'.
3. Shri P.L. Tandon,
Director Cesa Goa Ltd., visited the Department and delivered lectures on the topic of 'Management and Global Change'.

Details of Research Students:

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

Participation in Seminars, Conference Workshops:

1. Mr. M.S. Dayanand participated in a workshop organised by Association of Indian Management Schools on "Case Writing and case study" in May 1992 in Bangalore.
2. Mr. S.G. Hegde participated in a workshop on Research Development in Management.

organised by the Association of Indian Management Schools in collaboration with Canadian Consortium of Management Schools in June 1992 in Bombay and presented a paper on "Understanding Complaints and Complaining Behaviour - with Reference to Bank Customers in Goa.

3. Dr. J.B. Nadda participated in the workshop on Case Development organised by Indira Gandhi National Open University - April, 1992.
4. Attended International Symposium on "Member Control in Co-operation held under the auspices of Institute for rural Management, Anand, Gujarat, Dec. - 1992.

Publications :

1. Dr. A. Sreekumar jointly with A.H. Kalro, G. Srinivasan and A. Tripathy has published a paper on "Control Limit Models for Cash Management in Bank Branches in Prajnan Vol. XXI No.2, July — Sept., 1992.
2. Mr. S.G. Hegde has published a paper, "Industry Academic Collaboration for An Improved Management Curriculum. Some Thought in Management and Labour Studies, Vol. 17, No. 4, October, 1992.
3. Mr. S.G. Hegde and Dr. A. Sreekumar have jointly published a paper on "Understanding complaints and Complaining Behaviour with Reference to Bank Customers in Goa in a book on "Management Research in India" edited by Abad Ahmed and E. Abraham.

7.1. CENTRE FOR LATIN AMERICAN STUDIES

1. Teaching and Research Staff:

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

2. Contributory Teachers :

1. Dr. K.L. Chawla, Post Doctoral Research Fellow, Jawaharlal Nehru University, New Delhi, delivered 18 lectures.
2. Dr. Varun Sahni, Formerly Fellow, Lincoln College. Oxford University, presently Research

Associate, Centre for Contemporary Sri Rajiv Gandhi Foundation, New Delhi, delivered 36 lectures.

3. Details of Research Students:

Name of the Guiding Teacher No. of Students
M.Phil/ M.Fil

Dr. V. Shivkumar

4. Visitors to the Department:

- 1) Ambassador of Cuba - Mrs. Sonia Diaz
- 2) Ambassador of Venezuela - Dr. Frank E
- 3) Ambassador of Argentina - Dr. Victor E. B
- 4) Prof. Ferreira Jr., Associate Professor New Delhi.
- 5) Prof. Anirudh Gupta, Professor, SIS, JNU Delhi.
- 6) Prof. A.P. Rana, M.S. University, Baroda
- 7) Prof. Ramesh Babu, Bombay University
- 8) Dr. P.M. Kamat, Reader, Bombay University
- 9) Ms. Alice Louise Kriskern, Dy. Field Director, U.S. Library of Congress, New Delhi.
- 10) Mr. Roger C. Rasco, Director, USIS, Bombay
- 11) Mr. John A. Carroll, University of Massachusetts
- 12) Dr. Ide Abraham, Programme Officer, Science Research Council, N.Y.
- 13) Prof. A.C. Tikekar, Professor, Bombay University.
- 14) Prof. R. Narayanan, Dean, SIS, JNU, New Delhi
- 15) Mr. S.P. Godrej
- 16) Prof. K.L. Chawla, JNU, New Delhi.
- 17) Dr. Varun Sahni
- 18) Prof. B. Sheik Ali
- 19) Ambassador N. Krishnan

5. Participation in Seminars, Conferences and Workshops :

- a) Prof. V. Shivkumar was appointed as Secretary for the 27th Annual Conference of IAAS hosted by Goa University, held March 29-31, 1993.

Prof. Shivkumar jointly with Dr. Varun Sahni presented a paper on 'US-LATIN AMERICAN RELATIONS: Emerging Trends' at the Conference.

- c) Mr. Pushkar presented a paper on Indian Relations at the Canadian Seminar on 11-12 March, 1993.

- d) Mr. Pushkar presented a paper on US-Chile Relations in the 70's at the IAAS Conference held at Goa University in March, 1993.
- e) Prof. Shivkumar is working on a project entitled "Post-Cold war relation : An inter-American Perspective". He was awarded Scholar-in-Residence award for working in the above project by the ASRC, Hyderabad.
- f) Prof. Shivkumar delivered a lecture on MTA (Master in Tourism Administration) students on a theme 'Tourism as a factor in international Relations'.

7.2 CENTRE FOR WOMEN'S STUDIES

The Centre is an Extension, Research, Documentation and Training Centre.

I Faculty

1. Dr. Adi H. Doctor Professor (Pol. Sc.) and Incharge C.W.S.
2. Kum. Shaila Desouza Research Officer (Appointed on 9th July. 1992)

I Visitors to the Department:

1. The UGC Review Committee (Dr. Karuna Ahmed, J.N.U., Dr. Indira Sen, LIT., New Delhi and Dr. Renuka Narang, Bombay University) visited the Centre on the 3rd August, 1992.
2. Dr. Stan De Mello, Lecturer at the School of Social Work, University of British Columbia, Vancouver, visited the Centre in August. 1992 to collaborate with work on Women and Development and to network on issues of common interest.
3. Mamasahab Kulkarni, Founder of the Anti Dowry Movement, Bombay spoke to students, faculty and staff of Goa University together with local women activists Ms. Albertina Almeida (Bailancho Saad) and Ms. Prashanti Talpiankar on Dowry: The Maharashtra Experience the Goan Scenario on the 17th Sept. 92.
4. Ms. Madhu Kishwar, activists/journalist and editor of 'ivianushi' a journal about women and society visited the Department in January, 1993.

Projects:

The CWS has completed the data collected for the compilation of a directory of Servicing Women in Goa which will be printed in 'Women in Goa' which includes services available at Government, semi-governmental organizations and tary organisations).

2. The Research Officer is involved in CASE STUDY of Bailancho Saad w Sreekumar, Head of Department of M ment Studies.

IV. Participation in Seminars, Conferences, Workshops Visits etc.:

Shaila Desouza, Research Officer

1. Visited the Research Centre for Women Studies, SNOT University, Juhu campus in the week of September 1992 to study the work of the Centre there and to bring back appropriate material for the CWS, Goa University.
2. Organized a two day seminar on 'Worn Law : Some perspectives on the Social Status of Women in Goa' on the 23rd and 24th January, 1993. It was well attended by activists, academics, journalists and I.E. Ms. Madhu Kishwar (Faculty Delhi University) and well known social activists and El 'MANUSHI') gave the key note address. Adv. M.S. Usgaonkar, Sr. Advocate, Bombay High Court gave the valedictory address. The proceedings of the seminar will be published shortly.
3. Organized a seminar together with the Entrepreneur Group, for its wing in POI to set up Women's Cooperatives' in February, 1993.
4. Presented a paper 'Making Invisible Visible' at a seminar organized by the Department of Commerce, Goa University on the 1st March, 1993 on Women Entrepreneur Goa.
5. Organized a seminar on 9th March, 1993 to celebrate International Women's Day. A tribute to the Women Freedom Fighters were invited to share their experiences of Goa's Freedom Struggle. The seminar was attended by Local women's organizations, faculty, other staff of Goa University and members of the public. The proceedings were documented and will be published in the next year.

6. Attended the Sixth National Conference on Women's studies, organised by the Indian Association for Women's Studies at Mysore on the 31st May, 1993-4th June, 1993. The Conference discussed the "Dynamics of the new Economic Policy : Implications for Women".

V. Co-Curricular and Other Activities:

Shaila Desouza, Research Officer

1. Networks with local women's organizations and other organizations concerned about women (local, national & international)
2. Spoke at the 3rd Annual Gathering of the Women Entrepreneurs Association on 21st February, 1993 on the problems of women in Goa.
3. Was invited to lecture in Casa Polloti Seminary, Assagoa on 25th February, 1993 on 'Gender Discrimination'.

VI Documentation:

The documentation at the Centre includes information about women under the following heads:

1. Health
2. Law
3. Child Labour/Children
4. Tourism
5. Development
6. Violence.

8.1 ACADEMIC STAFF

COLLEGE Teaching Staff:

1. Dr. F.A. Fernandes, Reader
M.A.;Diploma in Higher Education; Ph.D.
2. Dr.(Mrs.) P. Rebeiro Lecturer
M.A.;B.Ed; Ph.D.

Contributory Teachers:

Senior teachers from the University faculties and a few college Principals.

Visiting Teachers: Some Professors from various universities in India.

Participation in Seminars, Conferences & shops:

- (a) Participated in Workshop for the re guides in American Studies held on 11th October, 1992 at Ahmedabad.
- (b) Conducted and organised Canadian Seminar 'A Comparative Perspective: C and India' in Goa University on March 12th, 1993.
- (c) Organised two days orientation course nior college teachers in Goa Universi affiliated colleges to Goa University on' ation Methods'.
- (d) Organised Coaching classes for UGC an' test in May, 1993.

Dr.(Mrs.) P. Rebeiro:

- (a) Attended the I.C.S.S.R. Sponsored Wo on 'Human transactions and Commun Skills', held in the Department of Psyc on Thursday, Friday and Saturday 24th, 26th September , 1992 at Poona Univ Pune.
- (b) Presented a paper on 'Rehabilitation Orthopedically Handicapped and the F Science and Technology' at the 'Psyc and Educational Sciences' session of dian Science Congress (80th Session) Goa from 3rd to 8th January, 1993.
- (c) Helped in the arrangement of the Psyc session during the 80th session of the Science Congress.
- (d) Helped in arrangement of N.E.T. clas; May, 1993.

Academic Staff College has organised 4 tation courses, two refresher courses in cal Science, three refresher courses in F one refresher course in Philosophy, on based refresher course in Commerce a need-based refresher course in Chemi

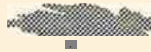
9. 1 KONKANI ENCYCLOPAEDIA

Dr. T.D. Halarnakar
M.A.; Ph.D.

Executive Editor

Participation in Seminars, Workshops, Conferences, etc.:

- 1) Attended workshop on Konkani Short Stories in the capacity of resource person, organised by Goa Konkani Akademi, in June, 1992.
- 2) Delivered lectures on Konkani Encyclopaedia, to the team of translators from the Central Translation Centre, Bangalore, which visited Encyclopaedia Office in September, 1992.
- 3) Attended Seminars organised by Konkani Department, Goa University in October, 1992.
- 4) Attended Seminar on 'Folklore' and chaired one of the sessions of the seminar, organised by History Department, Goa University in April, 1993.
- 5) Presented paper "On the formation of Konkani Encyclopaedia", in the seminar organised by Sociology Department, Goa University in April, 1993.
- 6) Delivered lecture in "Konkani Youth Meet" academic development of Konkani, organised by P.E.S. College of Arts & Science, Farmagone, February, 1993.
- 7) Presented paper on "Konkani Drama" India Konkani Parishad, held in January
- 8) Nominated as the representative of the Chancellor on the general body of the Konkani Akademi in January, 1993 and after elected as the member of the Executive Body of the Akademi.
- 9) Nominated as Convenor of "Konkani Teacher Training Course", organised by Konkani Education Mandal for the year 1992-93.
- 10) Appointed as Reviewer for the text book Konkani, produced by State Institute of Education, Government of Goa in November,
- 11) Appointed as the Judge on jury, constituted by All India Radio Panaji, to select best entries sending to National Competition organised by Department of Information and Broadcasting, Government of India in December, 1993.
- 12) Writing a regular weekly, column in 'Suna Konkani Daily'.



ANNEXURE - VII

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 1993, there were 30 affiliated colleges and 5 institutions recognised by the University. A list of these colleges and institutions as on that date is appended as Annexure IX. A brief report on the activities of various institutions is given in this chapter.

A Colleges other than Professional
Professional Colleges

– 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.

Teaching and Research Staff:

1. Shri G.V. Nadkarni, M.Sc.
Principal
2. Shri J.A. Menezes, M.Sc.
Lecturer & Vice-Principal
3. Shri A.V. Sakhardande, M.A.
Lecturer
4. Shri P.K. Khaunte, M.A.
Lecturer
5. Smt. Ramola Antao, M.A.
Lecturer
6. Kum. Margaret Lopes, M.A.
Lecturer
7. Shri Rabin B. Pinto, M.A., D.H.E.
Lecturer
8. Kum. Maria Isabel Vaz, M.A., D.H.E.
Lecturer
9. Shri S.S. Walimbe, M.A.
Lecturer
10. Shri M.C. Philip, M.A.
Lecturer
11. Shri Edwin Cortez, M.A.
Lecturer
12. Shri K.S. Govekar, M.A.
Lecturer
13. Dr. P.D. Xavier, M.A.
Reader
14. Mrs. Vrishali Umesh Prabhugaonkar,
Lecturer
15. Dr. G.N. Mishra, M.A. Ph.D, LL.B.
Reader
16. Shri Ave Cleto Afonso, M.A.;LL.B.
Lecturer
17. Dr. (Smt.) Zinia Siqueira Lobo Silva, M.A.
Lecturer
18. Shri Edgar M.R. Cotta, M.A.
Lecturer
19. Shri S.S. Nadkarni, M.A.
Lecturer
20. Shri M.J.Kulkarni, M.A.
Lecturer
21. Shri Ravindra D. Ghavi, M.A.
Lecturer
22. Dr. C.S. Tiwari, M.A.;Ph.D.
Reader
23. Shri H.V. Upadhye, M.A.
Lecturer
24. Smt. S.S. Hodarkar, M.A.
Lecturer
25. Shri S.U. Kamat, M.Sc.
Lecturer
26. Shri G.V. Kulkarni, M.Sc, D.H.E.
Lecturer
27. Shri Sovonku mar Sanyal,
28. Shri S. K. Haldankar, M.Sc.
Lecturer
29. Dr. K.G. Kamat, M.Sc., Ph.D. D.H.E.
Reader
30. Dr. R.A.S. Dhume, M.Sc;Ph.D;D.H.E.
Reader

31. Shri V.S. Dinge, M.Sc.
Lecturer
32. Dr. N.R. Naik, M.Sc.;Ph.D.
Reader
33. Shri R.L. Lawande, M.Sc.
Demonstrator
34. Shri L.C. Marchon, M.Sc.; B.Ed.
Demonstrator
35. Dr.(Mrs.) Vrinda Pradip Sinai Borkar,
Lecturer M.Sc.;Ph.D: D.H.E
36. Dr.(Mrs.) Lina S. Talwadkar, M.Sc.;Ph.D.
Lecturer
37. Dr. Udai S. Naik, M.Sc.;Ph.D.
Lecturer
38. Shri V.R. Acharya, M.Sc.
Lecturer
39. Shri A.F. Barbosa, M.Sc;Dip.Ed
Lecturer
40. Shri G.V. Kelkar, M.Sc.
Lecturer
41. Miss Sharmila P. Kamat, M.Sc
Lecturer
42. Shri Sandeep S. Burye, M.Sc.;D.H.E
Lecturer
43. Shri Murthy P.S. Ramu, M.Sc
Lecturer
44. Smt. Swati R. Pawar, M.Sc
Lecturer
45. Shri S.M. Shetty, M.Sc
Lecturer
46. Shri G.K. Kelkar, M.Sc Total number of text books/reference
Lecturer periodicals, academic journals in the Lib
47. Dr. (Smt.) P.G. Kelkar, M.Sc.;Ph.D
Reader on 20.4.1993.
48. Shri G. I. Hukkeri, M.Sc
Lecturer
49. Shri K.G. Hiremath, M.Sc
Lecturer
50. Shri P.N. Pangu, M.Sc.
Lecturer
51. Smt. Mangala Prabhu Dessai, M.Sc
Lecturer
52. Smt. S.S. Sakhardande, M.Sc.
Lecturer
53. Dr.(Smt.) Lucy Gomes,
M.Sc.;Ph.D.
Lecturer
54. Shri S.J. Godse, M.Sc.
Lecturer
55. Dr. S.R. Ganihar, M.Sc;Ph.D.
Lecturer
56. Smt. Sucheta G. Halkar, M.Sc.
Lecturer
57. Dr.(Mrs.) Yasmeen Modassir,
Lecturer M.Sc.;M.Phil
58. Dr. P.V. Dessai, M.Sc.;Ph.D.,B.Ed.
Lecturer
59. Shri F.B. Antao, M.Sc.
Lecturer
60. Shri A.M. Nadkarni, M.Sc.
Lecturer
61. Shri. R.P. Gurav. M.Sc.;D.H.E
Lecturer
62. Shri A.G. Agshikar, M.Sc
Lecturer
63. Shri Orlando A. Fernandes,M.Sc.
64. Shri Chandrakant Porob, M.A;
Certificate in Physical Edu
Physical Education Director
65. Shri B.R. Phadnis,
Librarian.

Details of Research/Masters Students:

Name of the guiding Teacher No. of Stud'
Dr. G.N. Mishra 4 (for

Library:

periodicals, academic journals in the Lib
on 20.4.1993.

1) Text books	19,025
2) Reference books	610
3) Academic journals	24
4) Peirodicals	14

N.C.C., Sports, Debates, Cultural Acti N.S.S., Educational and Extension etc.:

N.C.C.

This year enrolment of cadets for N.C.(
was 50, of which 16 were from Higher S
ary and 34 were from College.

The regular parades are being conducted this year on Sundays during 9.00 a.m. to 1.00 p.m. Our cadets participated in different training activities.

1. The cadets - Sandeep Gaonkar, Subhash Mahato and Vijay Singh - participated in Goa Trek during 23-11-92 to 9-12-92 at Fatorda Stadium. Sandeep Gaonkar also attended Pre-Republic Day Camp at Bijapur from 26-10-92 to 14-11-92.
2. Inter Unit Sailing Camp was conducted at Udipi in Karnataka and our two boys - Su raj Padle - participated in the same during Aug - Sept. 92.
3. Cadet Sudhir Palkar took active part in Nausainik Camp at Vizagapathan in Oct. 1992.

Cadet Captain Anil Singh has been selected for Sea Attachment at Bombay during 14th Dec. 92 to 22nd Dec. 92.

All the cadets centrally participated in N.C.C. Day Function in our College on 22.11.92. They also presented a cultural programme.

N.C.C. (Girls Wing)

The activities of the N.C.C. (Girls Wing) began in July, 1992 with the enrolment of 40 cadets for the training programme for the academic year 1992-93. Of these, 20 cadets were enrolled for the Army Wing under the leadership SCUO Aruna Pinto and 20 cadets were enrolled for the Naval Wing under the leadership of Cadets Captain Suvarna Volvoikar. Regular parades started in the third week of July.

During the course of their training, the girls cadets received instructions in foot drill, signals first aid, home nursing and weapon training. Cadets of the Naval Wing were also trained in ship modelling and boat pulling.

In addition to the regular training activities, the cadets also took an active part in the various extra-curricular activities that were organised during the course of the year like cultural presentations, hikes etc.

The girl cadets, along with cadets from the Army and Navy Wings of the College participated in a tree plantation drive organised by the Goa University from July 26, 92 to August 92. More than eight hundred saplings were planted by the cadets. These saplings will be part of the proposed Botanical Garden of the Goa University. The tree plantation drive concluded with a valedictory function on August 9,

1992 during which the Vice-Chancellor, C Dubhashi praised the efforts of the N.C.C.

On the occasion of the Independence C Principal of Dhempe College Shri G.V. N unfurled the National Flag. This was followed by a short ceremony during which the cadets took the N.C.C. oath and also pledged to renounce dowry or giving of dowry. The function concluded with the signing of the N.C.C. songs.

The N.C.C. day was observed with the taking of the N.C.C. oath by cadets. This was followed by a short cultural programme organised by them.

The platoon of Army girl cadets under the leadership of SCUO Aruna Pinto participated in the 19th December parade held at the Campalgi. They also took part in the Republic Day parade at the same venue this year.

This year, a large number of cadets enthusiastically participated in various camps held in C in the rest of the country. CUO Anita Durl attended the Trekking Camp held at Ooty from 10 to May 30, 92. SCUO Aruna Pinto took part in a mountaineering course organised at Ma Himachal Pradesh from June 1 - 26, 92. CSN Viegas was selected for the Basic Leadership Camp from June 1-26, 92 and then for the second from August 3-13, 93. Due to her proficiency in firing, Nancy was further selected for the **BLI BLC** III Camps held at Belgaum and for a Republic Day selection camp at New Delhi. Supriya Halarnkar participated in the CRTC Somanhalli while cadets Nusrat Solanke and Are Tehsildar attended the BLC Camp at Triva.

Eight Army cadets and seven Naval cadets attended the Annual Training Camp held at Fatorda Stadium, Margao in November, 1992; Naval cadets also attended the Annual 1 Camp for Naval cadets held at the INS M Verem from December 8, 1992. The cadets performed well in the various competitions organised during the course of these camps.

Four cadets appeared for the C certification and nine cadets for the **B certification**.

The cadets also lent their services for social service programmes like blood donation fund raising for the National Association of the

To conclude the year's N.C.C. programme, the cadets had a day's outing to Hawai Beach, Don

was organised in which all the cadets participated enthusiastically.

Gymkhana activities began with the election of Gymkhana games' secretaries. The following were the Gymkhana games' secretaries:

1. Estrocio Petro (Peter) T.Y.B.A.
(Gymkhana General Secretary)
2. Raposo Allwyn F.Y.B.Sc.
- Hockey Secretary
3. Torcato Desmond SYBSc
- Basketball Secretary
4. Singh Anil T.Y.B.Sc.
- Table - Tennis Secretary
5. Budge Nilesh S.Y.B.Sc.
- Badminton Secretary
6. Pereira Marcel T.Y.B.Sc.
- Football Secretary
7. Sharda Rajesh T.Y.B.Sc.
- Cricket Secretary
8. Menezes Norvin SYBSc
- Chess Secretary
9. D'Souza Xavier T.Y.B.A.
- Best Physique, Weight Lifting
& Power Lifting
10. Hodarkar Balakrishna T.Y.B.Sc.
- Kho-kho Secretary
11. De Araujo Joao Gonsalo T.Y.B.A.
- Volleyball Secretary

The College participated in the various Goa University intercollegiate tournaments. Our college secured 2nd place in the Inter-Zonal Table Tennis for women under the captainship of Kum. Uma Shirodkar of T.Y.B.Sc. In the Zonal Basketball we were Zonal winners in the women section under the captainship of Kum. Shirwina Fernandes of S.Y.B.A. and Runners-up in the men section under the captainship of Shri Desmond Torcato of S.Y.B.Sc. in the Inter-Zonal Volleyball for women we secured 2nd place under the captainship of Kum. Jessie De Araujo of T.Y.B.Sc. in the Zonal kho-kho for men we were Runners up under the Captainship of Shri Balakrishna Hodarkar of T.Y.B.Sc.

Shri Xavier D'Souza of T.Y.B.A. bagged two gold and a bronze in Bharatkumar, Bharat Shri in the 41st National Body Building Championship held in Bangalore this year. He had been selected for the Indian Squad for the Mr. World Championship which

was to be held in November, 1992 in the States of America. But due to some unavc circumstances he could not go for this comp This is the second time that Shri Xavier hai selected to represent India in the Mr. World ci Earlier he had finished 7th, in the world.

Kum. Apurva Sabnis of F.Y.B.A. emen the fastest woman in the State level Athletic IV women organised by Goa Amateur Atheltic tion at Sports Complex - Campal.

Kum. Uma Shirodkar of T.Y.B.Sc. hac selected as Vice-Captain of State Cricket V team to represent Goa in the Sr. West Zone Wc Cricket Championship held in Pune from De 14.

Shri Desmond Torcato and Shri Onassis , of S.Y.B.Sc. represented Goa in the Senior E ball Nationals held at Bangalore from Jan. 12

N.S.S.

The inauguration of the N.S.S. activities College for the academic year 1992-1993 WE on July 20th 1992 at the hands of the Vice-Pr Prof. J.A. Menezes. He enlightened the volu on the significance of N.S.S., its aims and tives. The Prog. Officer Prof. R. Murthy exr the nature of the work to be accomplished dur course of the year. On 15 August 1992 as a the Independence Day celebrations, the N.S, unteers participated in the cleaning up of Il lege campus. On the 2nd of October, 1992, a: of the Gandhi Jayanti celebrations, some volunteers participated in the Inter-College P Singing and Debate competition organised Field Publicity Officer, Govt. of India and the Regional Centre, Poona, and won the first p

Our volunteers have also done social the Out-Patients Department (O.P.D.) of GoE cal College and in the Central Library. TheE helped in collecting donation for the Tuber Association of Goa in recognition of their effo contributions, the T.B. Association awarded cial Merit Certificate to the N.S.S. Unit of o lege.

As a part of the University Talk Programme, AIDS Awareness week celebri the institution from the 1st of December, 199; 7th of December, 1992. In this connection, nars, talks, debate sessions and film show organised on 'AIDS'. The College was dE 'AIDS AWARE' by the Principal G.V. Nadkai

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, student bodies and social organizations in there various programmes.

Statistical details regarding the teaching programme and the students:

Sr No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students in 1992-93 (sexwise)		
				Boys	Girls	Total
1.	ARTS	BA.	3years			
			FY.BA.	49	116	165
			SY.BA.	39	105	144
			TY.BA.	411	141	151
			Total	136	324	460
2.	SCIENCE	B.Sc.	3years			
			F.Y.B.Sc.	105	104	209
			S.Y.B.Sc.	59	98	157
			TY.B.Sc.	58	90	148
			Total	222	292	514

Results of the College percentage-wise:

T.Y.B.A. (April 1992)	54.10%
T.Y.B.A. (October 1992)	45.76%
T.Y.B.Sc. (April 1992)	71.42%
T.Y.B.Sc. (October 1992)	40.65%
T.Y.B.A. (April 1993)	38.20%
T.Y.B.Sc. (April 1993)	66.04%

A-2 SMT. PAR VATIBAI CHOWGULE CULTURAL FOUNDATION'S COLLEGE OF ARTS & SCIENCE, MARGAO - GOA.

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 for Arts & Science wings and an independent building for the Department of Computer Science. There are 20 classrooms in addition to other halls/rooms required to carry out its administrative, curricular and extra-curricular activities. The college has a big playground admeasuring about 30,000 sq. mts. and has facilities for major outdoor games like cricket, volley - ball, basket ball, tennikoit,

athletics, etc. The Foundations has prese dertaken construction of yet another bui house the Library of the college and to mal able all modern amneties to its staff and si The Project is expected to be completed by 1994. The College has 10 quarters for teach and 6 for the non-teaching staff.

Shri V.R. Shirgurkar is the Principa College.

Teaching and Research Staff:

1. Shri U.S. Nagarcenkar, M.Sc.
2. Shri P. Narayanan, M.Sc.
3. Shri N.B. Shirwaikar, M.Sc.,
4. Dr. R.V. Gaonkar, M.Sc.;Ph.D.
5. Jaymini V. Gauns Dessai, M.Sc.
6. Dr. A.V. Veeresh, M.Sc.;Ph.D.
7. Shri E.M. Raykar, M.Sc.,
8. Shri S.K. Naik, M.Sc.
9. Shri B.V. Shirwaikar, M.Sc.
10. Shri R.S. Padiyar, M.Sc.
11. Shri S.J. Borkar, M.Sc.
12. Shri S.G. Deshpande, M.Sc.
13. Shri S.P.S. Kakodkar, M.Sc.
14. Dr. P.K. Onkar, M.Sc.;Ph.D.
15. Shri V.R. Nagwekar, M.Sc.
16. Shri Narendraku mar G. Rivonkar,
17. Shri U.A. Katre, M.Stat; M.Tech.
18. Smt. Aparna U.Katre, M.Stat.
19. Shri Chaitanya Voolapalli, B.Tech
20. Shri S.S. Kulkarni, M.Sc.
21. Smt. A.S. Kulkarni, M.Sc.
22. Shri S.P. Verenkar, M.A.
23. Shri E.M. Travassos, M.A.
24. Shri Debasish Mazumdar, M.A.
25. Shri C.S. Nagarcenkar, M.A.
26. Shri P. Ferdinand, M.A.
27. Shri R. Singh, M.A.
28. Shri M. Chagas Silva, M.A.
29. Shri Mitra D.S. Borkar, M.A.
30. Shri S.R. Ingle, M.A.
31. Dr. S.M. Ambli, M.A.Ph.D.
32. Shri Nandkumar N. Sawant, M.A.
33. Shri S.M. Borges, M.Sc.
34. Shri M.A. Katti, M.Sc.
35. Shri H.S.S. Nadkarni, M.Sc.
36. Shri Sayed Jamal Bukhari, M.Sc.

37. Dr. R.Y. Mishra, M.A. Ph.D.
38. Shri G.M.A. Shaikh, M.A.
39. Shri P. Antony, M.A.
40. Shri Santa Mayenkar, M.A.
41. Shri Ravindra R. mardolkar, M.A.
42. Shri Shrikrishna S. Adsul, M.A. M.Phil.
43. Shri K. Shreedharan, M.Sc.
44. Shri V.S. Amonkar, M.Sc.
45. Shri Anand P. Masur, M.Sc.
46. Shri Kirti V. Sahakari, M.Sc.
47. Shri R.V. Path, M.A.
48. Dr. Rajendrakumar V. Joshi, M.A.; Ph.D.
49. Shri S.S. Naik, M.A.
50. Shri R.R. Ghantwal, M.Sc.
51. Shri V. Narayan, M.Sc.
52. Shri S.M. Sadique, M.Sc.
53. Shri N.V. Ramat, M.Sc.
54. Shri S.N. Pal Raiturkar, M.Sc.
55. Shri B.N. Hosurkar, M.Sc.
56. Shri V.D. Date, B.Sc.
57. Shri K.B. Pillai, B.sc.
58. Mis's J. Siqueira, M.A. (Po!. Sc.)
M.A. (Eng.) Ph.D.
59. Shri G.M. Kale, M.A.
60. Shri S.S. Phadke, M.A. (Sanskriti)
M.A. (Sociology); Ph.D.
61. Shri.B.V. Bhosale, M.A.
62. Shri Devashish Bagchi, M.P.Ed.;M.Phil.
63. Shri M.P. Tonsekar, M.Sc.
64. Shri M.S. Antony, M.Sc.
65. Shri P.N. Kavri, M.Sc.
66. Dr. D.K. Tikare, M.Sc.;Ph.D.
67. Shri K.N. Mishra, M.Sc.; M.Phil. (Zoology)

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

a) SPORTS

Highlights of the College's Performance in the year 1993-94 at various levels:

- | | |
|---------------|--------------------------------|
| Handball | : All Goa Inter College Winner |
| Basketball | : All Goa Inter College Winner |
| Volleyball | : Runners up |
| Cricket | : Runners up |
| Cross Country | : Runners up
(Women) |

Mr. Anthony Francisco Coutinho *repre* Goa University Football Team (winners dia Inter Varsity Football) and •Repre Goa State under 21 team, also National pion.

70,ablihed Goa University High Jump reco

Weightlifting, Body-building & Power I College team gave excellent performan ning 4 gold, 2 silver 1 bronze medals.

JUDO : Mr. Imran Khan overall individual Chi (Open weight category).

b) N.C.C.

The NCC cadets participated in large r in various NCC activities organised at th and National level. Cadet Navi Naman at Wind Surfing Camp at Udipi. He was ti cadet selected from Karnataka - Goa DI ate in the Republic Day Camp. From I Wing, J.Samadhan Nikam was selectec Best Cadet from the Goa and KarnatakE torate and participated in the Best Cadi petition during Camp at Delhi. He w pointed Platoon Commander from Rajpe held on 26th January, 1993. From Girl: 10 cadets donated blood at a combine(Donation Camp held at Damodar Colleg enteen cadets attended the Annual T Camp held at Jawaharlal Nehru Stadiun from 4th Nov. to 13th Nov. 1992. Our begged second place at the State IE Kavitha ...as selected as the Best Under of the Camp. Annual firing was held February, 1993 on the college groun Smita Prabhu Dessai was declare Shooter. Eight of our girl cadets were s for the National Integration Camp to be Mysore in the month of May. S. Kavith declared the best Girl Cadet of 1992-9

d) N.S.S.

Our N.S.S. volunteers engaged them& the activities involving creative social

Literacy day was observed on 13th Sep 1992.

2. Nearly 100 volunteers took activie int M.P.F.L. Five adult literacy centre opened on 1st December, 1992 in Similarly seven adult literacy centr€ opened on 13th November, 1992 at village, of Quepem taluka of South Goa

3. Four NSS volunteers (2 male and 2 female) attended leadership training programme 1992 conducted by Goa University on 13th - 15th December, 1992.
 4. NSS volunteers organised "Keep Aids Away" campaign and 'Save Oil' day on 10th January, 1993.
 5. As a NSS activity at the district level our NSS Unit has joined "Tobacco Free Cities by the year 2001".
 6. Y.F.R.R. Camp was conducted for ten years from 15th October to 24th October, 1992 at Fatorpa village of Quepem taluka of South Goa District.
- d) Cultural Activities:

In the cultural field the college has been doing excellent work by organising 'Spic Macay' activities for the last 5 years. This year Spic Macay started with a lecture demonstration of Ustad Fariduddin Dagar. The lec-dem was held on 17th August, 1992 at 10.20 a.m. in the Library Hall of Smt. Parvatibai Chowgule College. Ustadji explained Dhrupad - Dhamar style of classical music to the audience giving live demonstrations. The students as well as teachers liked Ustadji's exposition of Dhrupad. The question answer session added extra beauty to the programme. The programme was well received and appreciated by the students, teachers and critics as well. We look forward to give more programme in the coming year and expect wholehearted participation from students at large.

ACHIEVEMENTS OF STUDENTS:

Miss Rakhi Kamalakar Mhalsi stood first in University at the T.Y.B.A. examination held in April, 1993.

Miss Leena Fernandes stood First in University at T.Y.B.A. examination held in April, 1993.

Both the above students were awarded "Lions Club of Margao Scholarship for topping the list of T.Y.B.A. and T.Y.B.Sc. examination respectively.

In addition to the above, the following students were awarded subject prizes for having scored highest marks in the respective subjects at T.Y.B.A. examination, held in April, 1993.

Name of the Award	Name of the Candidate
Mrs. Manju Ghanashyam Nagarsenkar Memorial Scholarship for obtaining highest marks in English	P.S. Deepa
Late Professor Jose Carmelo Coelho Scholarship for obtaining highest marks in English	P.S. Deepa
Shri N.D. Naik Scholarship for obtaining highest marks in Konkani	Buyann Mando Ulhas
Sannt. Mirabai Rudraji Sardessai (Vimaltai Usgaonkar) Prize for obtaining highest marks in Philosophy.	Raj Sonif Tony

The directorate of Education and other institutions organised various Essay and Elocution petition during the year. This college student won a large number of prizes in these competitions.

Achievements of Teachers:

Miss Celsa Pinto, from the Department of Education in the Higher Secondary Section was awarded Ph.D. by the Goa University this year. Dr. Onkar invited to participate in a workshop organised by college teachers represented various SAAR (Society for Advancement of Academic Research) tries. It was organised by Delhi University and the topic was 'Law-cost Chemical Instrumentation'. Onkar is responsible for organising similar workshop for the teachers in Goa in May 1993. P1 V.R. Shirgurkar submitted a paper on 'Economic Policy and its impact on the Education Policy which was read at a National level seminar organised at National Institute of Educational Research and Administration, New Delhi. Many teachers - Shri. Ingle, Shri Padiyar, Dr. Joshi, Shri Pal Shirwaikar, participated in refresher courses this academic year. Shri Kamat and Shri participated in a small workshop - orientation organised at Madras under the auspices of Gandhi Open University.

Results of the College percentage-wise:

Course	Total Enrolment (93-94)			Percentage	
	Boys	Girls	Total	Oct/Nov 92	Mar/93
F.Y.B.A.	58	122	180		
S.Y.B.A.	37	85	122		
T.Y.B.A.	41	102	143	13.3	6]
F.Y.B.Sc.	136	116	152		
S.Y.B.Sc.	73	97	170		
T.Y.B.Sc.	71	87	158	32.6	6]
P.G.D.C.A	14	11	15		

A-3 ST. XAVIER'S COLLEGE, MAPUSA-GOA

This is a Diocesan College which was established in June 1963 by the Archdiocese of Goa and Daman. It caters to instruction on 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. Rev. Antimo Gomes, M.A.:B.Ed.
Principal
2. Mr. P.M. Usgaonkar, M.Sc.
Lecturer
3. Mr. G.R. Dukle, M.Sc.
Lecturer
4. Mr. A.S. 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.Cc.
Lecturer
8. Mr. Peter Morris, M.Sc.
Lecturer
9. Mrs. Flavia Barbosa, M.Sc.
Lecturer
10. Mr. B.S. Keshavan, M.Sc.
Lecturer
11. Mr. S. C. Tavakari, M.Sc.
Lecturer
12. Miss M. Elaine Rodrigues, M.Sc.:
Lecturer
13. Mrs. Marina Monteiro, M.Sc.
Lecturer
14. Mrs. Sheila Velho Martins, M.Sc.
Lecturer
15. Mr. Nelson D'Souza, M.Sc.
Lecturer
16. Mr. S. Ramaswamy, M.Sc.
Lecturer
17. Mr. B.A. D'Souza, M.Sc.
Lecturer.
18. Mr. A.S. Mudbidri, M.Sc.
Lecturer
19. Mr. M.M. Savarimuthu, M.Sc.
Lecturer
20. Mr. G.G. Bakhle, M.A.
Lecturer
21. Mr. Vasco F.F. Pinho, M.A.
Lecturer
22. Mr. Daniel D'Souza, M.A.
Lecturer
23. Mrs. Sudha Chari, M.A.;Ph.D.
Lecturer
24. Mrs. Ruth D'Souza, M.A.
Lecturer
25. Mr. James Fernandes, M.A.
Lecturer
26. Mr. F. David, M.A.
Lecturer
27. Mr. A.P. Tripathi, M.A.,Ph.D.
Lecturer
28. Mr. Y.N. Mense, M.A.
Lecturer
29. Mr. Thomas Mendonsa, M.A.
Lecturer
30. Mrs. Emilia Mascarenhas, M.Sc.
Lecturer
31. Mr. B. Rajasekhar, [M.Com.](#)
Lecturer.
32. Mr. Rajendra Kanekar, M.Sc.
Lecturer
33. Mrs. Anuradha Kakodkar, M.A.
Lecturer
34. Mrs. Ursula Pinto, M.Sc.
Lecturer
35. Mr. Tushar Anvekar, M.Sc.
Lecturer
36. Mrs. Pamela Fernandes, M.A.
Lecturer
37. Mr. Satish Bute, M.A.B.Ed.
Lecturer
38. Mrs. Aruna Ganu, M.A.B.Ed.
Lecturer
39. Fr. Walter D'Sa, M.A.;B.Ed.
Lecturer
40. Mr. Benedict Soares, M.Sc.
Lecturer
41. Miss Magdalene D'Souza, M.A.
Lecturer
42. Miss Edwina Fernandes, M.Sc.
Lecturer
- 43 Mr. P.M.V. Tharakan, B.P.Ed.
Director of Physical Education

Library :

Total number of text books, reference books, periodicals and academic journals in the library as on 20/4/1993

Books	29,919
Journals	45

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

N.C.C.: Besides participating in parades on National Days, Tree Plantation, Blood Donation Camp, etc. This year 2 girl cadets were selected for Trekking to Ooty and 8 girl cadets and 2 boys cadets were selected for National Integration Camp at Bangalore. 2 boy Cadets also represented the College for army attachment camp at Bangalore. The highlight of the N.C.C. activities was the selection of Mr. Jayandrath Mapari of the College to represent Goa at the Republic Day Parade at New Delhi.

Sports : During the year, the college won many laurels, especially the girls, at the inter-collegiate level sports competitions as given below:

1. Football (women) Champion
2. Cricket (women) Champion
3. Athlets (women) (Ind.Team)Champion
(Individual & Team)
4. Badminton (women) Runners-up
5. Hockey (women) Runners-up
6. Table-Tennis (Women) Runners-up (indvl.)
7. Weightlifting (men) Champions
8. Best Physique (men) Runners-up

Cultural Activities: Our students took part in all the main cultural programmes organised by different colleges and also University, like 'Jubileans', 'Creations', 'Unigo', etc. and won many first prizes overall, and in different individual competitions held under it. In elocution competitions, our students scored major success in winning cups and shields. Special mention could be made of Miss Valerie D'Souza and Mr. John A. Lobo for having won the elocution competitions. Our students also prepared and presented Konkani Programme on A.I.R. under 'Yuvavani', Our own 'Plus Point' cultural programme has become a regular yearly feature in which students take keen interest and

participate enthusiastically in all the citions held under it like Debates, elocuti essay writing etc.

Eminent persons from different walk: were invited to give talk to the student the aegis of the different cultural asso of the college.

This year the college organised the exhibition on 23rd December which 1,AN gured by the Vice-Chancellor D Dubhashi, who was also the Chief Gue. College Day Function on the same dal

N.S.S.: The N.S.S. Unit of St. Xavier's began its activities in right earnest Bes annual feature of campus cleaning, hospitals, home for the aged etc. the volunteers conducted the (1) Literacy si Xelpem, Duler in order to identify the ill to implement the Adult Literacy prog launched by the Goa Govt. The Adult I Teaching Programme (Each One Tea(to contribute towards the task of maki 100% literate was undertaken by the teers subsequently; (2) Participated Intl awareness Programme held at Vivekanand Hall, Panaji; (3) NSS vol and 3 Programme Officers attended th tation programme organised by Goa Society how to conduct the survey a eradicate the tobacco habits from Goa annual camp was held at Arambol in studetns took part in various projects benefit of the villagers; (5) As a final! NSS activities, the NSS mela was hel College campus in which various comp like Quiz, Spelling Bee, Fancy Dress, I' Integration songs were presented.

Educational: Mr. B. Rajashekar, N.S.S. Pro! Officer, attended the Orientation Col N.S.S. sponsored by the Department c Affairs and Sports, Govt. of India, at To lute of Social Sciences, Bombay.

3 days Faculty Improvement Proc. "Course on Self-Renewal" for becoming (and hence effective) teacher, condu Dr. Daulalbhai B. Desai, Prof. of Ec (Rtd.), Faculty of Education & Psycholo' University, Baroda.

Statistical details regarding the teaching programme and students:

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1991-92			
				1st yr.	2nd yr.	3rd yr.	
1.	A R T S	BA.	3 years				
				Boys:	65	57	55
				Girls:	<u>142</u>	<u>125</u>	
				Total:	<u>284</u>	<u>182</u>	163
2.	Science	B.Sc.	3 years.				
				Boys:	61	43	37
				Girls:	78	<u>37</u>	<u>33</u>
				Total:	<u>139</u>	<u>80</u>	<u>70</u>

Examination	No. of Students appeared		No. of Students Passed	
	Boys	Girls	Boys	Girls
April 93				
T.Y.B.Sc.	36	31	32	28
T.Y.B.A.	56	97	33	68
Oct. 92				
T.Y.B.Sc.	16	4	6	1
T.Y.B.A.	22	28	7	4
April 92				
T.Y.B.Sc.	42	49	22	39
April 92				
T.Y.B.A.	59	90	28	52

Publications :

The Annual College Magazine was published for which students and faculty members contributed with their articles on the theme "Environmental Awareness". The College Bulletin 'Impact' for private circulation was brought out by the English Literary Association, with some fine articles of topical interest.

Information about campus development, etc.:

- The College Library was extended by another 150 sq. mts. making it one of the largest libraries (918 sq. mts.) in the State, to accommodate the increasing number of students availing themselves of the library facilities.
- The Central Bank of India opened their extension **counter in the College premises for the benefit of the staff and students.**

A-4 DEMPO CHARITIES TRUST SRINIVASINAI DEMPO COLLEGE OF COMMERCE, ECONOMICS, ALTINHO, PANAJI-GOIA

This College established in June 1966 aims to impart instruction in the approved subjects leading to [B.Com.](#) Shri D.S. Bhende is the Principal of the College and is also a lecturer in English. The College, however, does not provide any hostel facilities.

Teaching & Research Staff:

- Mr. D.S. Bhende, M.A. Principal
- Dr. V.R. Naik, M.A.; Ph.D. Vice-Principal (Reader)
- Mr. S.L. Sardesai, M.A. Lecturer
- Mr. A.P. Kamat, M.A. Lecturer
- Mr. A.M. Rangnekar, M.Sc. Lecturer.
- Mr. S.J. Pai, [M.Com.](#); **LL.B.** Lecturer
- Mr. A.R. Sakhardande, Lecturer
- Mr. V.H. Borkar, M.Sc. Lecturer
- Mr. D.B. Naik, M.A. Lecturer
- Mr. N.N. Naik Gaunekar, [B.Com.](#); F. Lecturer
- Mr. V.A. Naik, [B.Com.](#); F.C.A.; LL.B. Lecturer
- Mr. S.R. Dhume, [B.Com.](#), F.C.A. Lecturer
- Mr. C.Y. Ramani, F.C.A. Lecturer
- Mr. S.P. Bhandare, [B.Com.](#); F.C.A. Lecturer
- Mr. A.S. Sangoram, [M.Com.](#); F.C.A. Lecturer
- Mr. A.K. Moye, [M.Com.](#); LL.B. Lecturer
- Shri G.I. Jamadar, M.A., B.P.Ed. Director of Physical Education.
- Mrs. C. Bodade, M.A. B.Ed.; M.Phil. Lecturer
- Mr. B.C. Nair, M.Sc. Lecturer

M.Sc. Lecturer

Library:

During the year latest and valuable 231 vols. are added to the existing enriched collection of the library by spending Rs.25363 upto February, 1993. The Library is trying to keep pace with the current developments in the respective academic areas to provide latest timely and accurate information to its members. Heavy inflationary rise in subscription of periodicals has brought some changes in list of periodicals subscribed. However, we have been maintaining the number of 50 periodicals and 12 national and local dailies besides those received as donation. Library has 1112 information pamphlets and 1090 bound volumes of periodicals. Important articles are noted down from local and national dailies. Subjectwise files are maintained for ready reference. Content pages of newly arrived periodicals are xeroxed, displayed and filed from time to time which have proved very helpful in seeking information.

N.C.C.; Sports, Debates, Cultural Activities, N.S.S.; Educational and Extension Works, etc.:

The N.C.C.

- 1) This year N.C.C. started as usual by oath taking ceremony on the auspicious independence Day, 15th August, 1992. On the same day peel off ceremony was also carried out at the hands of the Principal of the college:
- 2) During the Tree Plantation drive carried out at the Goa University Campus our environment loving cadets actively took part in large numbers and planted about 500 saplings in the University campus.
- 3) At the Annual Training Camp held at **NEHRU STADIUM** Fatorda, the strength of the college numbered to 32 cadets which itself makes a mark of willingness of cadets to take part in the NCC activities.
- 4) One cadet of S.S. Dempo College, Shawn Fernandes made a mark by representing GOA and KARNATAKA DIRECTORATE in the A.I.B.L.C. camp held at Delhi. He was awarded GOLD MEDAL in the competitions which were held during the camp and became the first cadet to win a GOLD MEDAL for GOA.
- 5) As part of the extra curricular and adventurous activity the N.C.C. cadets had gone for hike to TAMBDI SURLA trekking for about 12 kms.

through the enchanting forests, cross streams in a spirit of sporting on the w
A cycle expedition was also flagged of Jan., 1993 to ST. JOSEPH'S ISLAN cadets were bearing the message of PETROL" which is as much important for self sufficiency.

- 6) Dempo College Platoon participated LIBERATION DAY on 19th Dec. and 26th January, REPUBLIC DAY PARAC Platoon was lead by SENIOR UNDEF CER Nilesh S. Rane.

Sports:

The year 1992-93 was quite satisfactor as we did well in the inter-collegiate (M & W) ments organised by goa University. Followir detailed break-up of the games.

Badminton (women) winners:

Under the able Captainship of Leena P(our College won the inter-collegiate Badmin first time.

Power lifting (men) winners:

Under the kind cooperation of Sachin our college won the title in power lifting se(

Best Physique (Men) winners:

Under the able guidance of Norbert our college won the title in the inter-Collegi(Physique Competition organised by Goa Un

Basket-Ball (Men) North Zone Winners:

Under the kind cooperation and able ship of Mr. Joseph Fernandes our college first position in the Basket Ball tournament finals. But unfortunately we lost in semi-I Inter zonal tournament.

The following teams reached the semi fina

- 1) Volley-Ball (men)
- 2) Badminton (men)
- 3) Kabaddi (men) The

following teams lost in first round

- 1) Football (men)
- 2) Table Tennis (men)

The following players represented in 19) Gulam Ahmed Cricket Tournament for 1992-93.

- 1) Vinay Palekar
- 2) Manoj Kharde
- 3) Sandeep Signapurkar

In swimming (men) section Mr. Gulati Vishal Secured III place in 100 mts. Breast stroke.

In Badminton Leena Pednekar played for India in Junior Section.

Best Sports Boy of 1992-93 :

Mr. Sunil Naik, T.Y.B.Com.

Best Sports Girl of 1992-93 : Miss Leena Pednekar, F.Y.B.Com.

Prof. A.M. Rangnekar (Gym. Chairman)

Prof. V.H. Borkar (Vice-Chairman)

Shri G.I. Jamadar
(Director of Physical Education)

Literary and Cultural Activities:

- 1) Our students Sanjit Rodrigues, Ajay Kudnekar, Sagar Athanikar, Miss Ujwala V. Naik, Miss Madhavi Karekar, Miss Leena Pol and Miss Shama Panvelkar participated in a quiz programme which was telecast over Panaji Doordarshan.
- 2) Shri Mukund D.Barve from F.Y.B.Com. participated in an Elocution competition organised by the Maharashtra Information Centre.
- 3) Miss Nisha Nambiar of S.Y.B.Com. and Miss Shilpika Venkatraman of S.Y.B.Com. participated in the Essay competition conducted by the Vivekananda Bharat Parikrama and Miss Nisha Nambiar won the 2nd place.
- 4) Miss Nisha Nambiar of S.Y.B.Com. won the 3rd place and a cash prize of Rs. 1,000 in the Essay Competition on Dr. T.B. Cunha arranged by the Directorate of Education, Govt. of Goa.
- 5) Miss Nisha Nambiar participated in an Essay competition conducted by Political Science, Dept. of Goa University. She wrote an essay on the topic "Should Indian States get more autonomy?" and won the first cash prize of Rs.500.
- 6) Miss Nisha Nambiar of S.Y.B.Com. and Miss Shilpika Alghary of S.Y.B.Com. participated in the Essay competition organised by the University for the 40th Anniversary of Independence and Jawaharlal Nehru Centenary.
- 7) Miss Nisha Nambiar of S.Y.B.Com. and Mr. Rahul Coutinho of T.Y.B.Com. participated in the elocution competition on the Anti-Movement.
- 8) Miss Shilpika Venkatraman and Mr. Countinho participated in the Elocution competition organised by Lions Club of Chicalim. Rahul won the second prize.
- 9) Miss Nisha Nambiar, Miss Merilyn Gorni and Miss Salome Sampy participated in the 'spot' essay competition conducted by the Department of Goa University. The topic was "Nature and Significance of the Quit India Movement".
- 10) Mr. Amlesh Kumar, S.Y.B. Com. and Mr. Soares of F.Y.B.Com. participated in the Goa Inter-Collegiate Speech contest for the year 1992.
- 11) Miss Nisha Nambiar of S.Y.B.Com. and Mr. Vishal Gulati of S.Y.B.Com. and Mr. Afraz S.Y.B.Com. participated in the All Goa Collegiate Quiz Competition.
- 12) Miss Nisha Nambiar participated in a competition conducted by the Forest Department on the topic "Biological Diversity and need for human development".
- 13) Jason Viegas and Joan Pires participated in the Razz Mataz Dancing Competition and they also won the All Bombay Dancing Competition.
- 3) Mr. Ajay Kudnekar of T.Y.B.Com. participated in the clay modelling competition organised by the University.
- 4) "Challenge and Response" organised by the Indian Red Cross Society, Panaji.
- 5) Shri Rajneesh Amin of S.Y.B.Com., Shri Gulati of S.Y.B.Com. and Miss Nisha of S.Y.B.Com. participated in the Quiz competition by Shree Damodar College of Commerce and Economics and won the 1st place.
- 6) Shri Mukund Barve of S.Y.B.Com. participated in the elocution competition on "National Integrity-Challenges & Solution" to be conducted by the Maharashtra Parichaya K
- 18) The forum of Free Enterprises, BCC organised a Leadership Camp on 30th and 31st Jan. 1993 in our college. Many students from various institutions of North Goa participated. The camp was sponsored by C

Charities Trust. Mr. Vassudev Dempo inaugurated the camp. Eminent faculty members like Mr. Nikhil Dessai, Mr. Murli Mehta and Mr. Vivek Patki from Bombay conducted it, It was very beneficial to all the students.

- 19) The Annual Social gathering of the College was held on 21.12.1992 at Kala Academy, Panaji. Shri Jagadish Surlakar, Chairman of H.S.S. Board was the Chief Guest, who distributed the prizes. Shri Rahul Coutinho was declared as the best boy student of the year and the best girl student award was shared by Miss Aarti Sardessai and Miss Shama Panvelkar.

Statistical details regarding teaching programme and students:

Branch of study Degree awarded

Commerce [B.Com.](#)

Duration of Degree Course		No. of Students in 1992-93		
		1st yr.	II yr	III yr
3 years	Boys	164	169	104
	Girls	177	133	125

Results of the college percentage wise:

F.Y.B.Com.	71.39%
S.Y.B.Oom.	70.00%
,T.Y.B.Com.	30.00%

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 Education Society, the institution is exclusively meant for women. Sr. M. Posanne A.C., is the principal of the College. No hostel facilities are provided by the college.

Teaching and Research Staff:

- Sr. Rosanne A.C., M.A., B.Ed. Principal.
- Sr. Margaret A. D'Souza A.G. M.Sc. Vice-Principal
- Dr. (Miss) Meenakshi Mallya, M.Sc., Ph.D. Head Dept. of Biology.
- Mrs. Nora Govil, M.A. Sr. Lecturer.
- Mrs. Lucretia Pereira, M.Sc. Sr. Lecturer.
- Mrs. Dina D'Silva, M.A., **D.H.E.** Sr. Lecturer.
- Sr. Florence Mary A.C., M.Sc. Sr. Lecturer.
- Mr. K.J. Augusthy, M.A., D.H.E. Sr. Lecturer.
- Mrs. Marykutty Augusthy, M.Sc. Sr. Lecturer.
- Mrs. Shobha Verenkar, M.A. Lecturer.
- Dr. (Mr.) M.C. Mathai, [M.Com.](#), M.Phil. Head Dept. of Commerce.
- Sr. Emma Maria A.C., M.A. Lecturer.
- Mrs. Molly Joseph, M.Sc. Lecturer.
- Mrs. M.L.Valladares, M.A. Head Dept. of English.
- Mrs. Rajendra, M.Sc. Lecturer.
- Miss Subhadra D. Gadi, M.Sc. Lecturer
- Mrs. Mini N., M.Sc. Lecturer.
- Miss Nirmala Joseph, M.Sc. Lecturer.
- Dr.(Miss) Sulabha Phatak, M.Sc., Ph.I Lecturer.
- Mrs. Albertina Menezes e Velho, M.Sc Lecturer.
- Mrs. Lolita D'Souza, M.A.D.H.E. Lecturer.
- Mrs. Radhika Nayak, M.A. Lecturer.
- Mr. Manoj Borkar, M.Sc. Lecturer.
- Mr. Efrem D'Sa, M.Sc. Lecturer.
- Mrs. **T.** Gladys Mony, M.Sc.,B.Ed., M. Lecturer.
- Miss Nizia Barbosa, M.A. Lecturer.
- Mr. Olavo Gama e Menezes, [M.Com.](#), Physical Education Director.
- Miss Cheryl Varela, M.Sc. Lecturer.

29. Miss Christabel Faria, M.A.
Lecturer.
30. Mr. D.V. 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 Dessai, M.A.
Lecturer.
34. Miss Louise Ann Fernandez, M.A.
Lecturer.
35. Miss Nina Calderia, M.A.
Lecturer.
36. Miss Nirmala Abreu, M.A.
Lecturer.
37. Sr. Matilda Madtha A.C. M.Sc.
Lecturer.
38. Miss Maria L. Fernandes, M.A.
Lecturer.
39. Mr. P.P. Singh, M.A. LL.B., LL.M,
Lecturer.
40. Dr. (Mr.) S.S. Hiremath, M.A., Ph.D.
Lecturer.

Library : Books - 14569; Academic Journals - 22;
Popular Journals - 10;

Information about the Research projects completed by the teachers, and seminars/workshops held by the college:

1. A Seminar on Value - Education, counselling, performance evaluation and self evaluation was organised by AIACHE & Carmel College. It was attended by Sr. M. Rosanne A.C., Sr. Margaret Angela A.C., Mrs. Lucretia Pereira, Mr. K.J. Augusthy, Mrs. Maria Luissa Ferrao Valladares, Mrs. Shobha Verenkar, Sr. Florence Mary A.C., Mr. Rajendra, Miss Subhadra Devi Gadi, Mrs. Lolita D'Souza, Mrs. Radhika S. Nayak, Miss Nizia M. Barbosa, Miss Christabel Faria, Miss Cheryl Varela, Miss Leila Mascarenhas, Mrs. Akalpita Dessai, Miss Louise Ann Fernandez, Mrs. Albertina Velho, Sr. Mathilda Madtha A.C., and Mr. Olavo M. Gama.
2. Sr. M. Rosanne A.C. conducted Orientation, Colloquium on Ministry of teaching for new staff and was attended by Miss Christabel Faria, Miss Cheryl Varela, Miss Leila Mascarenhas and Mrs. Albertina Velho.
3. Refresher course in Chemistry for C teachers was organised by Goa University and was attended by Mrs. Lucretia Pereira, Mrs. Mary A.C., and Miss Cheryl Varela.
4. A seminar on teaching Economics at the graduate level was organised by Goa University and was attended by Mrs. Lucretia F and K.J. Augusthy and Mrs. Radhika S.
5. A Refresher Course for Chemistry teachers was organised by Academic Staff College University and was attended by Sr. Margaret Angela A.C.
6. A Refresher Course in Economics was organised by Gokhale Institute of Post Graduate Studies, Pooja and was attended by K.J. Augusthy.
7. A Refresher Course in commerce was organised by Academic Staff College, Goa University and was attended by Dr. M.G. Mathai.
8. One day seminar for teachers of English was organised by Goa University and Govt. College Sanquelim. It was attended by Mrs. Maria Luissa Ferrao Valladares and Miss Nizia Barbosa.
9. Seminar on Canadian Studies was organised by Goa University and was attended by Mrs. Maria Luissa Ferrao Valladares and Miss Nizia Barbosa.
10. Seminar on Goals of Higher Education was organised by Nirmala Institute of Education and was attended by Mrs. Maria Luissa Ferrao Valladares and Miss Nizia M. Barbosa.
11. VIIIth Local History Seminar was organised by Goa University. It was attended by Sr. Margaret Angela A.C.
12. Mrs. Shobha Verenkar attended a seminar on 'Nayer Kavita Tatia Nayer Kayal Mohabhang' organised by Goa University.
13. I.C.S.S.R. Workshop on Goan Folklore Theories, perspectives and Methodologies was organised by Goa University and was attended by Sr. Emma Maria A.C., and Miss Mascarenhas.
1. "Is there a case for socialism" organised by Department of Political Science, Goa University and attended by Mrs. Radhika S. and Mrs. Lolita D'Souza.
2. Miss Christabel Faria attended an Orientation Course organised by T.I.S.S.

16. Mrs. Akalpita Dessai attended a one day seminar on syllabus, organised by Konkani Department, Goa University.
17. Miss Louise Ann Fernandez attended NCC training Course at Gwalior organised by WOTS Gwalior.
18. Mr. Olavo M. Gama attended a seminar on Role of Physical educators organised by Goa University, Sports Department. He also attended a Research Project - Effect of selected Callisthnic and weight bearing exercises, in the performance of vertical Jump organised by Shivaji University, Kolhapur.

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

N.C.C. : In Carmel College there is NCC training for the cadets of Carmel College as well as Damodar College. The total number of vacancies allotted by Goa Girls in N.C.C. is 50 for Carmel College and 15 for Damodar College.

N.C.C. Parades are held every Tuesday from 1 p.m. to 5 p.m. A total number of 40 parades are required to be completed within a year. Officers from the PI staff come from Panjim to inspect the parades alongwith Miss Louise Ann Fernandez, the Officer incharge of NCC in the college.

Miss Pramila was appointed the senior most cadet under officer.

The Annual training camp for the senior girls wing NCC organised by 1 Goa Girls Bn N.C.C. was held on the Jawaharlal Nehru Stadium at Fatorda from 4th to 14th November Cadets from various colleges of Goa attended the camp. The entire training programme was designed by the new commanding officer Col. VRD Padle. The various activities during the camp included the cross country competition in which Miss Subhangi Kamat from Damodar College got the 8th place and Miss Monica D'Mello from Carmel College got the 2nd place in the signals competition. The best cadet award was given to Miss Raksha Kochkar from Carmel College and Miss Chelsia Gonsalves from Damodar College. Besides, there was also the Drill Competition Kit layout competition and First Aid Competition. Three of the cadets, Miss Raksha Kochkar, Rekha Kumari and Elvita Vas were selected to attend the parade at Panajim on 19th December, Prior to this camp 2 cadets from Carmel

College, Miss Cresnella Luis and Miss J1 D'Souza were among the 25 cadets from ent colleges to represent Goa in the BL(held in Belgaum. Miss Jennifer D'Souze tied herself in the General Stream ar selected to go for a camp at Bijapur in 01 Later she was given the CSM rank. Ten from Carmel College also donated blood blood donation camp held in Damodar C in the month of August.

The Independence day on the 15th of , was celebrated with the hosting of the the Principal of the college. March Past ing of the National Anthem and a spe Miss Riva Antao. The Republic day ci tions on the 26th of January was witnes the staff and students of Carmel Colle Rosanne unfurled the flag, took the sall inspected the guard of honour. This w lowed by a short programme presentedf and students of the college.

N.S.S. : The NSS Volunteers of Carmel C conducted the following activities duni academic year 1992-93.

At the beginning of the year a socio-ec(and literacy survey was conducted ID! volunteers living in and around the a village Anuz, the purpose was to find in, lems and requirements of the village. were payed and medicines provided sick. Talks on the importance of educati banking and the consequence of alcholis given. Around 20 volunteers took up Ac eracy Mission, Margao, which provided names and addresses of illiterates from around Nuvem. Lecturers too were e aged to take up at least one person.

The NSS Volunteers were also involve(development of wood lots allotted by tl iversity with the view of promoting the environmental consciousness and a s(belongingness to the University. The Chancellor Dr. Dubhashi deeply appr the efforts. Besides the work done on campus keeping the surroundings clea ing to trees and Botanical gardens we maintained.

The volunteers also extended help Hospicio (Margao) and the hime for the Margao, Verna and Majorda. Free tul school going children were undertaken. mas celebrations were organised at the

village and at the Lar de St. Terezinha Margao. The N.S.S. Unit had an AIDS awareness programme for the college students wherein a play was enacted, song sung and posters and charts were displayed in the college and a poster competition was held.

Sports : Sports activities for the year 1992-93. The College participated in the following events: Basket - Ball, Football; Volley-Ball; Tennikoit; Kabaddi, Cricket; Handball; Athletics.

The College emerged winners in Volley-ball, Handball, tennikoit and were runner-up in Basket-ball and Kabaddi.

Five of the players were on the University Football team which won the All - India Inter- varsity Championship.

Cultural Activities : The students always participate in activities like All India Radio Programme, Elocution and Essay Competitions, Women's Cell, Class-wise Canteens, Fashion Show, Quiz Programmes, Debates etc. at the Collegiate and Inter-collegiate level and are awarded various prizes in this field.

Statistical details regarding teaching programme and students :

Sr. No.	Branch' of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93 (seirwise)		
				1st yr.	2nd yr.	3rd yr
	ARTIS	BA.	3 years			
			Girls:	130	113	111
2.	Science	B.Sc.	3 years			
			Girls	58	58	59
3.	Commerce	B.Com.	3 yrs.			
			Girls	81	68	64

Results of the College percentage-wise:

Faculty	March/ April,1992		Oct/ Nov.,1992		March/ April,1992	
	App:	Pass :	App:	Pass :	App :	Pass :
BA	89	58 65.1%	27	14 51.85%	115	66 57.39%
B.Sc.	43	29 67.4%	11	03 27.27%	54	48 89%
B.Com.	89	58 39.6%	49	14 28.57%	59	13 22.3%

Publications : College project on Environmental-ism and College Magazine.

Information about Campus development, construction of new buildings, opening of new subjects. etc. :

Construction of the College Canteen is going on.

A-6 MURGAON EDUCATION SOCIETY'S LEGE OF ARTS & COMMERCE NAGAR - GOA

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

Teaching and Research Staff:

1. Prof. M.S. Kamat, M.A. Principal.
2. Prof. H.T. Nagvenkar, M.A. Vice-Principal
3. Prof. N.B. Kale, M.A. Lecturer.
4. Prof. D.A. Kamat, M.Sc. Lecturer.
5. Prof. K.S. Nairi, M.A., LL.M. Lecturer.
6. Prof. (Miss) Maria de Ceu Rodrigues, Lecturer.
- 7." Prof. Prakash Pawar, [B.Com](#) (Hon) FC Lecturer.
- Prof. B.S. Ingalhalli, M.A. Lecturer.
8. Prof. M.L. Bhuttewadkar, M.Corn, Lecturer
9. Prof. S.N.D, Poojary, M.A. Lecturer.
10. Prof. B.V. Kolekar, [M.Com](#) Lecturer.
11. Prof. R.B. Patil, M.A. Lecturer.
12. Prof. B.S. Nagarsekar, [M.Com.](#), LL.B., F Lecturer
13. Prof. Ulhas Shetye, M.A., LL.B. Lecturer.
14. Prof. (Mrs.) Lalita Joshi, [B.Com.](#), M.B.A Lecturer.
15. Prof. (Mrs.) Rekha Gaonkar, M.A. Lecturer.
16. (Prot Mrs.) Sandhya Bhandare Sequeii Lecturer

18. Prof. Vasant Sail, [M.Com.](#)
Lecturer.
19. Prof. Ashok M. Sambargi, M.A., M.Phil.
Lecturer.
20. Prof. (Mrs.) Rashmi Bhargava, M.A.
Lecturer.
21. Prof. Ganesha Somayaji, M.A.
Lecturer.
22. Prof. (Miss) Channpa R.Parab, [M.Com.](#)
Lecturer.
23. Prof. (Mrs.) Meenakshi Gedam, M.A., M.Phil.
Lecturer.
24. Prof. (Mrs.) Arati S. Chati, M.Sc., M.A.
Lecturer.
25. Shri P.A. Borgava, M.A., M.P. Ed.
Sports Director.
26. Prof. Ehrlich Barreto, M.Sc.
Lecturer.

Library : Total No. text books - 497;

Reference books 9824; No. of Periodicals - 47;

Academic Journals - 29.

Information about the Research Projects completed by the teachers, and seminars/workshops held by the College:

The teachers have brought laurels to the Institution. Mrs. Rashmi Bhargava represented the college at the 80th Indian National Science Congress held at Goa in January, 1993. She read a widely appreciated paper on Psychology titled as symposium of 'Role of Psychologists in Combating the Social Evils and Tensions'. Mrs. Rekha Gaonkar of the Dept. of Economics was awarded teacher fellowship by the University Grants Commission for completing her research at the Karnataka University for the Ph.D. degree. Prof. N.B. Kale participated in two seminars organised by Goa University for the teachers of Marathi and Konkani.

Prof. Ganesha Somayaji read a paper on Sociology of religions at an All India seminar in Goa. He has been also selected by the Government of India to undergo pre-Commission training in N.C.C.

Prof. Mrs. Lalita Joshi, Lecturer in Business Management had the distinction of being appointed as the first executive director of Murgaoon Education Society's Institute of Management training and Research.

Prof. R.B. Patil and Prof. V.V. Sail, and N.S.S. Orientation Course at the Tata Inst social sciences, Bombay. Shri V.S. Hajar selected by Poona University to undergo Re course for the College Librarians, under th Faculty Improvement Scheme. Shri P.A. B participated and successfully completed a Re Course for the Directors of physical Educat der the UGC's Faculty Improvement Schi Gwalior. Prof. Mrs. Sandhya Bhandare participated in a Refresher Course for the te of English at the Poona University under th Faculty Improvement Scheme.

The Past M.E. Sites Association this y the occasion of Teachers' Day f elicited four Teachers of our College and Higher Seconda The celebrities that were honoured by our h students were prof. Narendra Kale, Prof. Kamat, Prof. Mrs. Melita Correia Quadros ar Milind Mhadgut. At this heart warming fund Kashinath Mahale a Great Goan and forme Chancellor of Manipur University was ths Guest. The Speaker of Goa Legislative As honourable Shri Shaikh Hassan Haroon over the function. Both the dignitaries were al for the peaks of excellence scaled by the College in which endeavour its teachers ha' tributed a lion's share.

N.C.C., Sports, Debates, Cultural Acti N.S.S., Educational and Extension works

The N.C.C. Cadets of Army, Navy an wings celebrated the Independence Day of I organising a massive three plantation prog on the M.P.T. Hills for the third year in succ This year they organised a magnificent am tacular one day NCC "Mela" on the sprawli lege grounds. Para sailing, Aero modelling, attack Drill and demonstration of martial ar the highlights of this function.

62 N.C.C. Cadets and N.S.S. Volunte nated blood for the Goa Blood Bank.

M.E.S. College Annual Athletic Me organised on M.P.T. grounds. Mr. Torcato Fer of F.Y.B.A. bagged Individual Championship and Miss Shah i Shetty of F.Y.B.Com. won IA Individual Championship. Mr. Torcato Fer bagged Gold Medal in Cross Country race ON by Goa University and at the Goa State Meet he secured Gold medal in 1500 mts. was also the member of the Goa University team to participate at the Inter-University Meet held at Gwalior. Mr. Roy Fernandes w

Medal in Cycling race from Carmel College to Goa University organised by Goa University. Mr. Sandeep Kulshrestha won Gold Medal in Body Building Championship organised by Goa University. Mr. Joseph Afonso was the member of Goa University Football team which won All India, Inter-University Ashutosh Mukherji Football Championship held at Jabulpur. College Hockey team led by Mr. Gilbert Moses won the South Zone Championship at the Inter-Collegiate Hockey Tournament.

At the All India Essay Competition organised by Maharashtra Chamber of Commerce and Industries, Bombay, Miss B.B. Shah secured third prize for a Essay in English on the subject "Changing Scenario" of Indian Economy. At the Wild Life Week Celebration Essay Competition organised by Forest Department of Government of Goa, two students Shri Rama Shankar Kevat secured second prize and Miss Rajani Gandhao secured the third prize the Hindi essays. Miss Anita Devker and Shri John Pinto were selected to represent Goa University for the All India Inter-University Debating Competition on "Co-operation".

Under the dynamic leadership of the General Secretary 'Shri Augusto pereira, the students' Council organised series of educative and innovative programme throughout the year. In August, 1992, the council celebrated the Diamond Jubilee of August Kranti. The Lady students of the college under the leadership of Miss Anita Devker celebrated the "Ladies Week" by organising several innovative programmes like "Wealth from Waste" Competition of glittering fashion show.

The activities of NSS Wings of the college during the current year were inaugurated by Dr. Sharad Vaidya, the renowned surgeon and honorary secretary of Goa Cancer Society. He gave a call to the NSS Volunteers to launch tobacco free Vasco City by the year two thousand. The NSS unit has accepted this call and has launched a 8 year plan of tobacco eradication from out Port Town.

The NSS Unit organised a special camp at village Kalay during the October vacation. In collaboration with the Directorate of Sports and Youth Affairs, Government of Goa has organised the valedictory function of the National Youth Week celebrations in Goa. On this occassion Shri Prashant Joshi, Vice-President of Cricket Control Board of India was the Chief Guest. On this historic occasion the chief guest named the college Gymkhana Hall as "SWAMI VIVEKANANDA HALL" and unveiled life size portrait of Swamiji in the hall.

The most notable and unforgettable evening the year was the visit of Vivekanand Parikrama party to our College on 31st Oct. led by Dr. Laxmi Kumari. The party halted campus enroute from Vasco to Margao. A gathering of students, staff and the memb Murgaon Education Society welcomed the pal Laxmi Kumari praised the college for its splendored progress.

The art circle of the college in collab with Kala Vrind, Vasco organised one day c workshop cum seminar at which 50 selectee and girls possessing artistic talents were expc various opportunities available in different fie art and culture.

Statistical details regarding teaching progr and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Studen in 1992-93	
1.	Commerce	B.Com.	3 years	1st yr	2nd yr.
			Boys	163	99
			Girls	111	93
2.	Arts	B.A.	3 yrs		
			Boys	62	36
			Girls	79	70

Results of the College percentage-wise:

	March 1992	Oct.1992	March,
T.Y.B.A.	62%	41%	871
T.Y.B.Com.	29%	31%	331

A-7 VIDYA VIKAS MANDAL'S SHREE DAM COLLEGE OF COMMERCE & ECONOI MARGAO - GOA

The College was established in June 1! impart instructions in the approved subjects k to [B.Com.](#) degree. The College is run by the Vikas Mandal, Margao. Shri D.V. Borkar is th cipal of the College. The College, however, do provide hostel facilities.

Teaching and Research Staff :

1. Shri D.V. Borkar, [M.Com.](#), LL.B. Principal & Head of the Dept. of Comm(
2. Shri G.M. Prabhudesai, M.A., LL.B. Vice-Principal & Head of the Dept. of Economics.
3. Shri G.G. Kondli, B.A., M.A. Lecturer

4. Shri V.G. Patil, B.Sc., M.Sc.
Lecturer.
5. Shri R.T. Virkar, [B.Com](#),[M.Com](#).
Lecturer.
6. Shri J.M. Verlekar, B.A.,F.C.A.
Lecturer.
7. Shri N.T. Mathew, [B.Com.](#), F.C.A.
Lecturer.
8. Shri Suhas B. Mulay, B.Sc.,M.Sc.
Lecturer.
9. Shri M.A. Redkar, [M.Com.](#), LL.B.
Lecturer.
10. Shri V.F. Chimulkar, [B.Com.](#), F.C.A.
Lecturer.
11. Shri D.A. Bale, B.A., F.C.A.
Lecturer
12. Mrs. J.M. Rebello, B.A., M.A.
Lecturer
13. Mrs. M.E. Abranches, B.Sc., M.Sc. D.H.E.
Lecturer.
14. Mrs. U.N. Pulapaka, [B.Com.](#), [M.Com](#).
Lecturer.
15. Shri A.R. Neelgar, B.Conn.,[M.Com](#).
Lecturer.
16. Shri G.S. Keni, [B.Com.](#), C.A.
Lecturer.
17. Mrs. Prita Mallya, M.A., M.Phil.
Lecturer.
18. Mrs. Lydia Menon, M.A., LL.B.
Lecturer.
19. Miss Florence Rebello, B.A.,M.A.
Lecturer. M.A.(Hist),D.H.E
20. Shri P.P. Singh B.Sc.,M.A.,LL.B.,LL.M.
Lecturer Dip. in Labour Laws
21. Shri Narayan Desai, B.A.,M.A.
Lecturer.
22. Mrs. N. Gopinathan, B.A., M.A.
Lecturer.
23. Miss Prisca I. Branganza, [B.Com](#),[M.Com](#)
Lecturer.
24. Shri S.V. Yalagi, B.A., B.Lib. Sc.,M.Lib. Sc.
Librarian.
25. Shri S. T. Naik, B.A.,B.P.Ed.
Sports Director.

Library : Total No. of Books - 8753; No. of *ence* books - 4823; No. of text books - 2447; periodicals - 40; No. of Academic Journals -

NCC, Sports, Debates, Cultural Activities Educational and Extension works, etc.:

NCC (Special Achievement) : The cadets ated themselves actively in all adventure t and social service activities with re-affirmed c tion and sincerity.

1. Leading Cadet Edwison C. Pinto, Sayyec and Nd. Quadros Faraday J. attende'd phase of the Pre R.D. Camp held at B(during July '92. Later the above cadet: with Cadet Riyaz A. Shah, Cadet Mohammed Iffhan, Cadet Sanjay P. V attended the IInd and IIIrd phase pr' camp held at Belgaum, at Bijapur durin '92 and Oct. '92 respectively.
2. P.O. Cadet Segio Do Carmo Fernand! Ldg. Cadet Stanley Joseph attendh specialised Boat Pulling Camp held at during Sept.'92.
3. P.O. Cadet V. Girish Shenoy attended tl Sainik Camp held at Vishakhapattanam Oct.,'92.
4. The tree plantation drive was carried out the college complex and the J.N. Stadiui plex during July - Sept'92. **In all** 100 ne lings of different varieties were planted cadets.
5. As a unique gesture our 14 cadets ler helping hand for the cause of the bli collecting nearly Rs.2850/- towards tl tional Association for the Blind, Kar Branch Bangalore, during Nov.,1992.
6. A Centrally organised Blood donator camp was organised in the college Sept.'92.
7. 14 Naval Cadets of the Division donate(to the G.M.C. Blood Bank.
8. Two cadets are selected to attend the N Integration camp to be held at Mysore May, 1993. Ronald Menezes and Savordekar at ended the camp.
9. The results of 'C' certificate examina 1991-92 are 100% All five cadets of th sion who had appeared have passed • ami nation.

Sports :

1. Football: Eight of our footballers were selected to constitute the Goa University Football team. The women football team also reached the semi finals at the Goa Inter collegiate tournament and 2 of the Women players were selected for the Goa University team of 1992-93. This team also won the All India Inter University (Women) Football tournament held at Amravati.
2. Kho-Kho : AT the Inter Collegiate Kho-kho tournament (Men), the college team won the championship.
3. Basket Ball : Our women basketers not only clinched the south zone championship but also retained the Inter Zone Championship for 1992-93. The male Basketers had to be content with the runners up cup at the Inter Zone level.
4. Badminton : The Badminton (Men) team won the runners up position at the Inter Collegiate tournament.
5. Handball : The team was the runners up of the University Championship for 1992-93.
6. Athletics: The Cross Country teams (Men and Women) have won the championship which shows determination and confidence of the athletes. In the Individual events at the Inter collegiate Athletic championship, the women team got the runners up trophy while the men took 3rd position.
7. In the Inter collegiate Men's Cycling Championship and in Women's tennikoit Championship the teams were the runners up. Miss Joy Dias won the runners up position in the Inter collegiate lawn tennis tournament.

Shri Sudhaker Naik, Sports Director accompanied the Goa Jun or Athletic team at the All India Inter State Athletics Championship held at Ajmer - Rajasthan as the Manager. He also accompanied the Goa State Senior Athletic team at the All India Road Walking competition held at Poona.

NSS : The College NSS Unit had enrolled about 389 volunteers. Besides the routine activities, two camps were organised - one at Savoi Verem and the other at Bethora. Miss Ruth Keni and Miss Schita Naik attended a leadership camp organised by the Goa University. The NSSS volunteers Collected Rs. 21,400/- for the Vivekananda Parikrama.

Cultural Activities : Round the year variou tural programmes are organised. The int(legiate competitions include the prestil U.N. BENE QUIZ COMPETITION, the Kamat Inter Collegiate Magazine conte the Satpute Memorial Poets Meet.

Statistical details regarding the teac programme and students :

St. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Student in 1992-93	
1	Commerce	<u>B.Com.</u>	3 years	1st yr.	2nd yr.
			Boys	168	201
			Girls	237	151
			Total	405	352

Results of the College percentage-wise:

		No. of Students appeared	No. of St pass
		(1st half of 1992 - I	
<u>B.Com.</u>	Boys	281	90
	Girls	218	87
	Total	499	17'
		(2nd half of 1992 -	
	Boys	180	31
<u>B.Com.</u>	Girls	113	25
	Total	293	56
		(1st half of 1993 -	
<u>B.Com.</u>	Boys	213	59
	Girls	176	75
	Total	389	13J

Information about campus development, struction of new buildings, opening of nev ject, course programmes:

Principal D.V. Borkar delivered 2 lectu the 26th Orientation Programme held at Kol from 28.10.92 to 24.11.92, organised by the D ment of Education, Shivaji University, Koll Prof. R.T. Virkar, Prof. (Mrs.) Uma Pulapaka V.G. Patil attended 2 day workshop on Eval held by Academic Staff College, Goa Univer 11th & 12th Sept., 1992. Prof. R.T. Virkar, Pro Neelgar, Prof. (Mrs.) N. Gopinathan and Prof Pulapaka attended Refresher Course in Corn held by Academic Staff College, Goa Unix from 19.10.92 to 7.11.92.

Prof. G.G. Kondli and Prof. (Mrs.) Prita Mall tended the Indo-Canadian Seminar held a University on 11th and 12 the March, 1993.

**A - 8 DNYANPRASARAK 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 Mandal. 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.
I 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.
II Vice - Principal
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. Path I 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., MCA
Lecturer.
20. Pawar P.P., B.Com.C.A.
Lecturer.
21. Joshi D.V., [B.Com.](#) C.A.
Lecturer.
22. Vaze S.M., [B.Com.](#), C.A.
Lecturer.
23. Kamat S.J., B.Conn., C.A.
Lecturer.
24. Dhavjekar G.T., B.Sc., LL.B.
Lecturer.
25. Souza S., M.A., LL.B.
Lecturer.
26. D'Souza Domitel, M.A.
Lecturer.
27. Uchgaonkar P.A., M.A.
Lecturer.
28. Kulkarni P.P., M.A., B.Lib.
Librarian.
29. Nesarkar B.A., M.A., B.P.Ed,
Physical Education Director.

Library : Total number of books - 8249; Tott
bers of U.G.C. Reference book - 443;
Book Bank - 672; periodicals - Academil
2 (UGC); Non - Academic - 8; Newspaper
Donated books - Ajagaonkar - 2334 & C
222.

**N.C.C, Sports, Debates, Cultural Activities
Educational and Extension Works, e**

N.C.C. (Boys Wing) : The aim of the r
general is to develop qualities of chE
courage, comradeship, discipline, lea(
and secular outlook.

NCC Unit completes 18 years under 0
leadership of Coy. Commander Majl
D'Lima. Some of the activities that we
ducted are, the independence day c
tions, with an impressive march - past
cadets, when the Principal Prof. G. M
took the salute, a cycle expedition on 0
ber 6th to Forth Aguada, and for the fir
an NCC Mela for 2 days. It was inaugun

the eve of the Liberation Day by Major R.K. Birla, the Adm. Officer of 1 Goa BN NCC. He also took the salute at the Parade commanded by SGT, Nilesh Salgaonkar. The cadets gave a demonstration of a section attack and Bayonet fighting. It also included games, refreshment stall, etc. Cadet under Officer Ajit Baretto commanded the parade while SGT Shrikant Mulgaonkar Commanded the Platoon at the Liberation Day Parade at Mapusa. Various Competition activities like Drill, Elocution, and slow cycling were held during the year in which the cadets participated whole heartedly. The cadets participated and won prizes in a number of activities organised by 1 Goa BN NCC. A combined Annual training camp was attended by 47 cadets which was held at Fatorda in November. At the camp CUO Ajit Baretto was selected as best cadet. Cadet Sunil Kudnekar Secured the third place in the Cross Country, while L/CPL Santosh Dhargalkar and cadet Vishwambar Shirodkar were selected as Best Pilot and Regimental Police respectively. Cadet Vengurlekar Nitin was selected in the special squad. L/CPL Godfrey Pinto, L/CPL Shirodkar Ashish and L/CPL Manoj Karkera were selected as best Quarter Guard. CPL Salgaonkar Surendra and Cadet Ramkrishna Mandrekar donated blood to an emergency call for blood. The annual classification firing at 3 MTR Navelim was attended by 69 cadets. There was a thumping response from the cadets for the Blood Donation drive.

L/CPL Meganand Mapsekar attended the BLC course 1 at Belgaum while CPL Rajesh Mulgaonkar and CPL Pankaj Natekar attended the Rock climbing training camp held at Bangalore. L/CPL Godfrey Pinto and L/CPL Karkera Manoj attended the Goa Trek.

The Shield for the best NCC Cadet for the year was given to Cadet under officer Mr. Ajit Barreto of T.Y.B.Com.

N.C.C. (Girls Wing) : The NCC Girls' Wing had completed six years under the able command of 2/Lt. Mrs. Sandra D'Souza. But this academic year 1992-93 saw a change in the girls NCC with the selection of a new officer in charge Miss Ingrid Valles.

This year the girls wing was allotted 10 additional vacancies taking the total strength to 70.

This year CPL Felicia Fernandes was promoted to cadet senior Under officer and CPL

Sonia Bodke was promoted to Cade Officer. CPL Irene Dias was promoted to Sergeant Major and CPL Ayres Dias promoted to Sergeant. The cadets are divided into 4 groups namely Alpha, Bravo, Chai Delta.

CSUO Felicia Fernandes and CPL Castelino were selected for the All India King Expedition at 00ty in May'92.

CPL Rashmirekha Arlekar was selected for the Rock climbing training camp atlore in August, 1992.

A batch of 17 cadets from the college selected to attend the first stage of training camp at Belgaum.

CPL Namita Salkar very successfully represented Goa at the Basic leadership course firing at Delhi in Oct, 1992.

In November, 1992, 25 cadets of the College attended the combined Annual Training held at Fatorda, Margao. The girl cadets won the Best College Trophy for their excellent performance.

They earned the college a good number of letters of commendation were sent by the commanding Officer Lt. Col. V.R.D. Padte Principal and Officer in Charge.

The cadets went for a cycling expedition to Baga Beach, also for a trek to Tamdi - the month of August.

During the Liberation Day, 15 of our cadets were selected for the parade at Campal, and 25 of the cadets were selected for the Liberation Day celebrations held at Hutatma Mapusa.

Various competitions were held during the year in which the cadets participated wholeheartedly and won prizes. The cadets visited inmates of the Home for the blind at Mapusa in Dec., 1992.

A Blood Donation Drive was held in the college and several of the cadets donated blood. Cadets received training in Drill, First Aid, Nursing, Signals, firing, self-defence, ME etc.

Besides the usual activities for the first NCC fete was jointly organised by the college and both boy and girl cadets. It turned out to be a grand success.

35 of the cadets were also selected for the Republic Day celebrations held at Panaji, and Mapusa, respectively.

A picnic to Arambol was organised and the cadets enjoyed themselves thoroughly.

Miss Felicia Fernandes was awarded the Best NCC cadet award for the Academic year 1992-93

Sports : 'Bandekar' has always dominated University Sports. 'Bandekar is always on winning sides. Hence we are all champions of champions in short span of time).

1. Cross-Country Competition (Men & Women) Both Men and Women Teams won Bronze Medal at the Inter-Collegiate Cross Country Competition of Goa University 1992-93.
2. Weight Lifting/Power Lifting & Body Building. The College team emerged as Runners-up at the competition 1992-93.
3. Kho-kho (Men) Zonal Champions.
4. Kabaddi (Women) : Zonal and Inter-Zonal Champions of Goa University 1992-93.
5. Kho-Kho (Women): Women Team emerged as zonal and Inter-Zonal champion at the Inter-Collegiate Tournament.
6. Kho-Kho (Men) Zonal Champion.
7. Hockey (Men): College Men's team stood out as champion for the fourth year in succession.
8. Hockey (Women) : Won championship at the Inter-Collegiate Hockey Tournament of Goa University.
9. Football (Men) : College Footballers bagged Inter-Collegiate Football championship of Goa University 1992-93.
10. Football (Women) : Emerged as Runner-Up at the Inter-Collegiate Football Championship.
11. Volleyball (Women) : Zonal runners-up.
12. Athletics (Men) : The College athletes bagged team championship (Men) with 63 points to its credit at the Inter-Collegiate Athletic championship.

The Decathlon Trophy bagged by the College Athlete. Balkrishna Misquin, second year in succession.

4 x 400 mts. Relay : Our Boys relay team bagged silver Medal in 4 x 400 mts. Relay.

4 x 100 mts. Relay : Our boys relay bagged gold medal in 4 x 100 mts. **F** Members: Sandeep, Philip, Balkrishna Napoliao.

4 x 100 mts Relay : Our Girls Relay bagged Silver Medal in 4 x 100 mts. Members : Brenda, Mary, Sunita and Sh

4 x 100 mts Relay : Our Girls relay team Silver medal in 4 x 400 mts. Relay. Members: Mary, Sunita, Carmelina and Sharon.

University Representations

1 Football (Men)

1. Sebastiao D'Costa
2. Joaquim Fernandes
3. Leandro Almeida
4. Rony D'Silva
5. Oskar Pereira

Represented Goa University at the All Inter-University West Zone and Inter-Football Championship held at Goa Jabalpur (M.P.). In which Goa University declared champions. Our student, Sebl D'Costa captained the Goa University T

2. Football (Women)

1. Miss Mary Moonjappilly
2. Miss Shivilila Haldankar
3. Miss Angela D'Souza
4. Miss Sharon Lobo

Represented Goa University at the All Inter-University West-Zone and Inter-Football Tournament held at Amravati in Goa University was declared champion:

State Representation :

1. Balkrishna K.P. Misquin, played Ranaji T Matches.
2. Rajesh Naik represented Goa State at Inter-State.
 - a) Subbia Pillai Cricket Trophy
 - b) Gulam Ahmad Cricket Trophy
 - c) Chinnaswamy Cricket Trophy - Cap
 - d) Arlem Invitation Cricket Trophy.
 - e) Ramchandra Rao Cricket Trophy.
3. Paresh Misquin represented Goa State Inter-State

- a) Subbia Pillai Cricket Trophy.
 - b) Gulam Ahmad Cricket Trophy - Captain.
4. Praveen Barde, represented Goa State at the Inter - State.
- a) Patta B. Raman Cricket Trophy - Captain
 - b) Gulam Ahmad Cricket Trophy
 - c) Chinnaswamy Cricket Trophy
 - d) Played Vijay Hajare Cricket Trophy as the Member of West Zone Team.

5. Miss Meghana Mahambre :

- a) Member of the West-Zone team.
- b) Captain of Jr. West-Zone Team.
- c) Member of the Sr. West-Zone Team to play Poison Trophy at Poon.

N.S.S. : NSS activities of the college as usual were conducted with zest and zeal. The enrolment for NSS was 32. various activities were conducted throughout the year under the Regular and Special Camping.

The activities conducted under the Regular Camping were as follows :

- A. Construction Projects : Various construction activities under-taken at different places.
 - 1. At Chikhalim Colvale - Rods were repaired.
 - 2. At Dhargal - Pernem - A road was repaired alongwith the cleaning of the temple area.
 - 3. Construction work was also done at Assagao Bardez.
- B. O.P.D. Project : As usual a batch of ten girls visited regularly the OPD of Asilo hospital rendering the services to the patients and hospital staff.
- C, Home for the Aged : A batch of girls visited the Home for the Aged of Provedoria at Mapusa rendering their services to the old patients.
- D. Adult Education Project : They actively participated in the National Programme of Adult Education. A survey of illiterate was conducted to identify the illiterate learners and motivate them to learn. About 60 adult illeterate learners are being taught by NSS Volunteers under Each-one, Teach one programme.

Two Adult Education Centres : are being run by

our volunteers at Canca - Parra., to rri adults literate.

E Other activities : Various other activities taken were :

- 1. AIDS awareness activities.
- 2. Collection of fund for Goa Cancer SOM
- 3. Various training programmes and leat training to our students.

SPECIAL CAMPING ACTIVITES : The Specie was held at Chikhalim - Colvale duriri Dec., 1992 to 27th Dec., 1992. The ac undertaken during the special camp WE

- 1. Repairs of Dams : As a follow-up of lasi work, this year too we repaired the other the dam at Chikhalim. Approximately 4(dam was repaired while raising its he arrest the rush of sea water in the agric fields.

We are glad to state that the repair of t side of the dam done last year has fruitful, because the farmers could ct their lands after the gap of 18 years, tE bumper crop out of our efforts.

- 2. Various Competitions : For the benefit of ers various competitions for children and were conducted. The prizes were given winners.
- 3. A velictory function was held on 2611 1992. prizes were given to the Winners competitions at the hands of the Guest

An entertainment programme was pres which was appreciated by the huge auc The best boy - NSS Volunteer - award year 1992-93 is awarded to Mr. Sagar Lin of T.Y.B.Com. and the best girl - NSS teer - award is awarded to Miss Si Tendulkar of T.Y.B.Com.

Statistical details regarding the tea programme and students :

Sr. No,	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Studer in 1992-93	
				1st yr.	2nd yr.
	Commerce	<u>B.Com.</u>	3 years	1st yr.	2nd yr.
			Boys	330	335
			Girls	241	198
			Total	571	533

Results of the College percentage-wise.	Appeared	Passed	Percentage
April, 1992			
Fin. Accts & Auditing	269	63	23%
Business Management	123	40	33%
cost Accountancy	50	18	36%
October, 1992			
Fin. Accts & Auditng	194	45	23%
Business Management	67	23	34.33%
Cost Accountancy	33	05	151.15%
April, 1993.			
Fin. Accts & Auditing	230	98	42.61%
Business Management	80	27	34%
Cost Accountancy	68	21	31%

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

The University Grants Commission's sanction of Rupees eight lakhs to the College for various development schemes like an independent library building, book-bank and equipments, faculty improvement programmes for teachers, remedial courses and material for the students belonging to weaker sections etc. was the significant achievement of the year. This year the college received Rupees one lakh fifty seven thousand as the first instalment which was spent for the earmarked purpose. This is an addition to the already acquired complete set of T.V., Video cassette Player/recorder and educational Video cassettes etc.

A-9 GOA VIDYAPRASARAK MANDAL'S COLLEGE OF COMMERCE & ECONOMICS PONDA - GOA

The College was established in January, 1986 to impart instruction in the approved subjects leading to [B.Com.](#) degree. The Institution is run by the Goa Vidyaprasarak Mandal. Shri Ashok G. Jumde is the Principal of the College.

Teaching and Research Staff :

1. Shri A.G. Jumde, M.Sc. Principal.
2. Mrs. Gulab A. Borkar, M.A. Lecturer.
3. Mrs. Sheila S. Pereira, M.A. Lecturer.

1. Shri Sanjay L. Singbal, [B.Com.](#), A.C.A. Lecturer.
2. Shri Chandrakant N. Phadte, M.Sc., M. Lecturer.
3. Shri Gurudev S. Badiger, M.A. Lecturer.
4. Shri Umesh M. Bhende, [M.Com](#), LL.B. Lecturer.
5. Shri Makarand M. Chikodkar, M.A. Lecturer.
6. Shri Prabhuling G. Dandin, [M.Com](#). Lecturer.
7. Shri Ganesh V. Khandeparkar, B.A., LL Lecturer.
8. Ms. Ana Andrade, M.Sc., M.Phil. Lecturer.
9. Shri Raghupati G. Bhatt, M.A., M.Phil. Lecturer.
10. Shri Suhas B. Desai, [B.Com.](#), A.C.A., L Lecturer.
11. Shri Shridhar P. Bhat, [B.Com.](#), A.C.A., Lecturer.
12. Shri Pradip N. Maske, B.Sc., M.A. Lecturer.
13. Ms. Meera V. Naik, [M.Com](#). Lecturer.
14. Mrs. Betty D'Silva, [B.Com.](#), M.P. Ed. Director of Physical Education.

Library:

Total number of text books - 1369;
Total No. of Reference books - 2578;
Periodicals - 13, Academic journals - 19

Information about the Research Projects pleted by the teachers and seminars shops held by the College:

- a) Shri U.M. Bhende, Ms. Ana Andrade ar R.G. Bhatt, Lecturers in our college, hr tended orientation Programme from 21 to 17th June, 1992 at Goa University.
- b) Shri P.G. Dandin, Lecturer in Commer tended Refresher Course in Commerc

19th October 1992 to 7th November, 1992
organised by Goa University at Bambolim.

- c) Shri U.M. Bhende and Shri M.M. Chikodikar, Lecturer in our College participated in the two day workshop on "Evaluation for the Sr. College teachers" organised by Goa University.
- d) Shri M.M. Chikodikar attended "skills training for NSS Personnel on Transfer of Technology for water Conservation" from 13th November to 18th November 1992 at Dapoli organised by Tata Institute of Social Sciences, Bombay.

N.C.C., Sports, Debates, Cultural Activities, NSS, Educational and Extension Works, etc. :

Sports :

During the year 1992-93 the College teams have participated in various Inter-Collegiate tournaments organised by Goa University such as Table-Tennis, Badminton, Volley-ball, Foot- 1. ball, Kabaddi, Kho-kho, Cross - Country, Cricket, etc. The Kabaddi team secured runner-up place in inter-collegiate tournaments. Shri Prashnat Naik of 2. T.Y.B.Com. class has bagged third place in All Goa Power-lifting competition organised by Goa Power lifting Association.

3.

N.S.S.

During the year 1992-93 the college had enrolled 217 volunteers under NSS Unit. Under Regular Activities, the Volunteers have done Campus Cleaning Programme, implementation of M.P.F.L. programme, work in I.D. Hospital, etc. workshop on Adult education, to train Secondary School teachers was conducted in the college in collaboration with A.D.E.I. Three of the College teachers and one from P.E.S. College gave guidance and lectures on "Adult 1. Education" to Secondary School teachers. About 60 school teachers from Ponda Taluka attended the workshop. Golden Jubilee of Quit India Movement was celebrated by the NSS Unit. Poster competition on "Communal Harmony" was organised on the same day. The NSS Volunteers were trained this year also by the teachers, who were trained as Master Trainers at the training camp held under M.P.F.L. programme organised by Directorate of State Literacy Mission, to implement Each one Teach One Programme. The volunteers have implemented the programme. Quami Ekta Week was

also celebrated by the NSS Unit. On occasion an Elocution competition and National Indian Dress Competition were organised. Special NSS camp of the college NSS Unit held from 12th Oct., to 21st Oct., 1992 at Satode - Ken, Ponda. Camp was attended by 80 volunteers. They did the work of levelling and repairing of road near Shri. Sateri of about 200 mts., cleaning of premises of Panchayat, Betal temple and Primary School. Apart from field work the campers took part in lectures and discussion sessions. NSS volunteers also participated in Vivel Parikrama Programme. Two of the volunteers attended Leadership training program. NSS Volunteers organised by Goa University NSS Volunteers participated in VY (Shibirs) at Bombay and Bangalore organised by Vivekanand Kendras.

Cultural Activities:

As a part of celebration of "World Brotherhood Day" a poster competition was organised on 18th Sept., 1992.

All Goa Inter-Collegiate Elocution Competition for late Shri Tukaram Ramchandra 1 Memorial Trophy was organised on Sept., 1992.

A singing competition in Konkani, Marathi, English and Hindi was held on 26th Sept.,

- 4. Poet's Meet in Konkani and Marathi organised on 27th Nov., 1992, in the presence of Shri Sudesh Lotlikar, a poet & a writer.
- 5. Rangoli and flower arrangement competitions were organised for the students on 11th Sept. 1992.

ACCOMPLISHMENTS:

Shri Arjun Naik of F.Y.B.Com, won 1st prize in Rangoli competition organised by Junior Chamber as a part of Jaycee celebration.

- 2. Shri Ratish Pawar of S.Y.B.Com. won 1st prize for Poster competition on AIDS organised by Jaycees' Club, Ponda.
- 3. Shri Ganadhish Prabhudessai secured 1st prize in Konkani Poetry Reading Competition organised by Damodar College, Marg. He also won the first prize in Konkani Poetry Reading Competition organised by Govt. College Khandola, 1st Prize in Konkani Poetry Reading Competition.

- Competition organised by C.E.S. College, Cuncolim.
4. Following students secured prizes in competitions for Jubilations '92 organised by Govt. College, Khandola.
 - a) Ms. Veronica Fernandes & Party - 1st prize in Arty Eats.
 - b) Shri Yeshwant Gauns - 1st Prize in Colour Clash.
 5. Following students secured prizes in various competitions for 'UTSAV' 92 organised by Govt. College, Sanquelim.
 - a) Shri Sagar Haldankar and Ms. Suchita Bakhale - 2nd prize in Sere Gama.
 - b) Shri Savio Pereira, Edwin Dias, Uday Naik, Menino Fernandes and Edwin David secured 3rd prize in 'MUBANDH KAAM CHALU' competition.
 - c) Shri I=Wish Pawar - 2nd prize in 'CHITRAKAR'.
 - d) Ms. Melse Fernandes and Ms. Vidya Naik secured 1st prize in 'pretty petals' competition.
 - e) Shri Arjun Naik and Shri Umesh Kerkar won 1st prize in 'Heavenly Colours' Competition.
 - f) Ms. Smitha Sarjyotishi, Shri Sameer Kapdi and Shri Nishad Bakhale secured 2nd prize in 'Spell-o-fun'.
 6. Shri Yeshwant Gauns of the college participated in west zone Inter-University Youth festival held at Bhavanagar University, Gujarat, on behalf of Goa University.

Educational & Extension Work :

1. The Commerce Association of the College has successfully conducted the various activities by inviting experts to deliver talks on different fields.
 - a) Mr. A. M. Karnik, Labour Consultant, Panaji, delivered a talk on "Labour and Implications on the small scale industries".
 - b) Mr. Pranabkumar Mukherjee, Mines Manager, Chowgule Group of Companies, Pale, Spoke on "Future of Mining in Goa".
 - c) Mr. Dipak Kudalkar, Personnel Executive, MERCK India Let., Usgao, delivered a talk on "Interview Techniques".

2. The College students' Council was initiated by Shri M.S. Kamat, Principal, College Vasco.

Under the programme 'Editor Month',

1. Shri Raju Nayak, Editor of 'Sunaparant' talk on the issues connected with Jour
2. Adv. Uday Bhembre, a Journalist & delivered a talk on "Language Disputes i
3. A lecture on "Commercial Aspects of a paper" was delivered by Shri Ajay Ambe Asstt. Director, Maharashtra Parichaya & Former Editor of 'Lokmat'.
4. A lecture & discussion session was arranged in the presence of Shri Vishnu Wagh, Apapale Vartaman.

Students' Council for the first time, fully organised an Educational Tour to India.

Fun Week was organised with enthusiasm by Students' Council. Bazaar Day and Societizing, both annual activities, were organised in December, 1992.

3. "Literary Association" was inaugurated by Arun Heblekar, Principal of PES C Farmagudi, on 7th December, 1992. Renowned Marathi writer Shri V.A. Burjor present for the 'Story Telling' programme organised by this College in collaboration with Maharashtra Parichaya Kendra on 18th January, 1993.

Statistical details regarding the tea programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93	
				1st yr.	2nd yr.
1	Commerce	B.Com	3 years	196	143
			Boys	126	100
			Girls		

Results of the College percentage-wise.

April, 1992	58.04 %
October, 1992	35.16%
April, 1993	61.93%

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.
Vice-Principal
3. Mr. B.V. Apte, M.A.; D.H.E.
Lecturer
4. Mr. A.V. Bhandiwad, M.A.
Lecturer
5. Mr. M.V. Dixit, M.Sc.; D.H.E.
Lecturer
6. Ms. K.N. Desai, M.Sc.,
Lecturer.
7. Dr. A.V. Deshpande, M.Sc.; Ph.D.
Lecturer
8. Mr. S.D. Gokakkar, M.Sc.
Lecturer.
9. Dr. P.R. Hede, M.A.; B.Ed., Ph.D.
Lecturer
10. Mr. S.S. Hinde, M.Sc.
Lecturer
11. Ms. S.V. Kamat, M.Sc.
Lecturer
12. Ms. V.V. Kamat, M.A.
Lecturer
13. Mr. G.V.S. Kundaikar, M.Sc; M.Phil.
Lecturer
14. Mr. M.N. Kulkarni, M.Sc.
Lecturer
15. Mr. S.H.P. Keluskar, M.Sc.; M.Phil.
Lecturer.
16. Dr. (Ms.) K.R. Kunkolienkar, M.A;Ph.D.
Lecturer
17. Mr. B.L. Malik, M.Sc.
Lecturer
18. Ms. Susan Marcos, M.Sc.
Lecturer
19. Ms. V.V. Prabhudesai, M.A; M.Phil.
Lecturer
20. Ms. S. Ramaswamy, M.A.
Lecturer.
21. Mr. R.G. Shetker, M.Sc.; B.Ed.
Lecturer
22. Ms. V.S. Samant, M.A.
Lecturer
23. Mr. V.D. Vaze, M.Sc.
Lecturer
24. Dr. P. Bhattacharya, M.Sc; Ph.D.
Lecturer
25. Dr. S.H. Bhosale, M.Sc.; Ph.D.
Lecturer
26. Ms. S.R. Borker, M.Sc.
Lecturer
27. Shri J.G.R. Monteiro, M.A.
Lecturer
28. Ms. M.V. Rane, M.Sc.
Lecturer
29. Mr. B.V. Bhave, M.A.
Lecturer
30. Ms. A.M. Rao, M.A.
Lecturer
31. Mr. Badruddin, M.A.; M.Phil.
Lecturer
32. Mr. G.P.P. Khanolkar, M.Sc.
Lecturer
33. Ms. C.F.E. Fernandes, M.Sc.
Lecturer
34. Mr. V.J. Pissurlekar, M.Sc.
Lecturer
35. Ms. M.M. Kelkar Barve, M.Sc.
Lecturer
36. Ms. Flavia M. Noronha, M.A.
Lecturer
37. Mr. B.G. Kanolkar, M.A; B.Ed.
Lecturer
38. Ms. S.G. Kavlekar, M.Sc.
Lecturer
39. Mr. **D.M.** Desai, M.A.;M.P.Ed.
Physical Education Director.

40. Mr. R.R. Mardolkar, M.A.
Lecturer
41. Ms. M.F. Albuquerque, M.Sc.
Lecturer.
42. Ms. N.G. Kamat, M.A.
Lecturer

Library :

1. Total number of books	5161
2. Total number of text books	1584
3. Total number of reference books	1941
4. Total number of general books	1636
5. Total number of periodicals	13
6. Total number of academic journals	32

Information about the Seminars/Workshops attended by the teachers and their academic achievements:

A one day Seminar on Parent - Teachers Association was held on 18th April, 1993. This Seminar was organised by P.E.S. College of Arts & Science, Farmagudi, as a annual activity.

This Seminar was inaugurated by Hon'ble Vice-Chancellor of Goa University Dr. P.R. Dubhashi, Shri Dubhashi in his inaugural speech emphasized the need of the Parent - Teacher Association and appreciated the efforts of P.E.S. College.

The Seminar was held in three sessions.

Session I : Topic of this session was 'Expectations from Graduates'. This session was chaired by Dr. A.S. Dingu, Vice - Principal.

Miss Renuka Dharmadhikari, Miss Anupa Desai, Mr. Harish Korde and Mr. Bhikaji Majik, spoke on behalf of the students. They requested to improve the Library and Laboratory facilities in the Colleges. They also demanded the clear-cut definition of the term 'Vocationalisation' of education.

Prof. Ms. Caroline Fernandes, Mr. Vishwa Prabhu Gaonkar and Prof. Baddrudin presented their papers on the topic 'Expectations from Graduates'. Prof. Ms. Caroline Fernandes suggested that the students should be supportive through observance of discipline, conduct by sense of maturity and active participation.

Mrs. Revathi Ramachandran, a parent also spoke on the occasion.

Session II : The topic of the second session was 'Parent - Teacher - Association. This was chaired by Dr. (Mrs.) Bharati Kunkc

Shri Ramesh Sapre, Principal, Mustifur School, Panaji and Stephen Mathunpal, A.J. de Almeida High School, Poni the speaker.

Shri Sapre presented his paper on the topic 'Role of Parents in Parent Teacher Association'. In his hour long speech he related his experiences in this field and expressed his views. He also presented a model of the

Shri Stephen Mathunpal emphasized the importance of constant Rapport between parents and teachers.

The Third Session was held under the chairmanship of Dr. A.K. Heblekar, Principal

Dr. Jagdish Surlekar, Principal, Peoples School, Panaji sent his paper on a 'Working Model of Parent Teacher Association. Dr. A. K. Heblekar addressed the audience in the concluding session. He appreciated the teachers community to work hard for the P.T.A. successful.

The Seminar was attended by nearly 600 teachers, Parents and Students Representatives of P.E.S. College.

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

Sports:

Under the able and enthusiastic guidance of D.M. Desai Director of Physical Education and Prof. G.V. Kundaiker, Chairman of Department of Physical Education other members of the Committee started its activities in the first week of July, 1992.

To select various teams participating in Inter-Collegiate tournaments like Table Tennis, Badminton, Chess, Judo, Football, Kho-Kho, Volleyball, Cricket, Swimming, Athletics and get valuable experience enriched their skills and talents.

ACHIEVEMENTS IN INTER-COLLEGIATE

1. Judo (Men) lift up the Inter - Collegiate Championship continuously for the last two years organised by Goa University.

2. Our Kho-Kho (Men) team won runners up title in Inter-Collegiate Championship organised by Goa University.

INDIVIDUAL ACHIEVEMENTS:

1. Mr. Naik Sagar, F.Y.B.A. Roll No. 299 selected to represent Goa at the National Championship in Kho-Kho at Bangalore (Karnataka).
2. Mr. Gaude Ramdas B., S.Y.B.A., selected for Goa State Kabaddi team to participate in National Tournaments.
3. Mr. Virendra Kenkre from S.Y.B.A., Roll No. 1083, won Gold medal in Judo Inter-Collegiate Championship organised by Goa University.
4. Mr. Clement Jerome Gilfred from S.Y.B.A., Roll No. 1136, won Gold Medal in Judo Inter-Collegiate Championship organised by Goa University.
5. Mr. Gramopadhye Sanjay V. from F.Y.B.A., Roll No. 231, won Gold Medal in Judo Inter-Collegiate Championship organised by Goa University.
6. Mr. Naik Nityanand D. from S.Y.B.A., Roll No. 1084, won Silver Medal in Judo Inter-Collegiate Championship organised by Goa University.
7. Mr. Umarey Jayant D. from S.Y.B.Sc. Roll No. 2647, won Silver Medal in Judo Inter-Collegiate Championship organised by Goa University.
8. Miss Prashanti Tilve from S.Y.B.A., Roll No. 1018, won silver and Bronze medal in Long Jump and short put at Inter-Collegiate Athletic Championship organised by Goa University.
9. Mr. Prabhu Pradeep C. From S.Y. B.A., Roll No. 1071, won Silver medal at Inter-Collegiate Athletic Championship organised by Goa University.

The VIIIth Annual College Athletic meet was organised on 26th January, 1993 on our College ground successfully.

Cultural Activities :

- A. The cultural activities conducted by the College for the year 1992-93 were as follows:—

Activity
1. Rangoli Competition	14.08:
2. Flower arrangement Competition	15.08
3. Painting competitions	15.08:
4. Patriotic Singing Competition (solo)	14.08.
5. Marathi Singing Competition(Group)	14.08
6. Patriotic Singing (Hindi)	14.08:
Group Competition	
7. Singing competition (Konkani) ..	14.08:
8. Singing competition (Marathi) .	14.08:
9. Singing competition (Hindi)	— c
10. Hindi Poetry competition.....	— c
11. English Poetry competition	— c
12. Marathi Poetry competition	— c
13. Konkani Poetry competition	— c
14. College Social gathering 1992-93	— c

- B Our students participated in the various cultural activities and other activities conducted by the other institutions in the year 1993;
 1. All Goa Konkani Poetry Competition - Prize Organised by Damodar College, Margao
 2. All Goa Inter-College & Higher Secondary Konkani Poetry Competition 1993. Organised by Gomantak Kala Association, Margao on 26.01.1993 Mr. Harsh H. Borkar - T.Y - Third Prize.
 3. Essay Competition - First Prize. Organised by Vivekanand Bharat Parikrama.
 4. Essay Competition - Second Prize Organised by Goa University.
 5. Essay Competition - First Prize organised by Mangirish Youth Club Miss RE Dharmadhikari - S.Y.B.A.
 6. Marathi Elocution Competition - Third Prize Organised by Gomantak Vidhya Nil Margao. Mr. Pradeep Dessai - F.Y.B.A.
 7. All Goa Marathi Poetry Competition - First Prize - Organised by Damodar College, Margao
 8. Marathi Poetry Competition - First Prize organised by C.E.S. College, Cuncolim.

9. Marathi Poetry Competition - First Prize Organised by 'Rasik Ranjan' Vasco.
10. Marathi Poetry competition - Consolation Prize - Organised by 'College Vishwa' - Tarun Bharat.
11. Konkani Poetry Competition - Second Prize Organised by 'Rasik Ranjan', Vasco.
12. Konkani Poetry Competition - Consolation Prize - Organised by 'Udenteche Vangadi', Dicholi Mr. Rajay R. Pawar -S.Y.B.A.
13. Konkani Poetry Competition - Consolation Prize - Organised by 'Aurbai Prakashan', Volvoi.
14. Konkani Poetry Competition - Third Prize Organised by 'Udenteche Vangadi', Dicholi - Ivy Mascarenhas - S.Y.B.A.
15. Marathi Poetry Competition - First Prize. Organised by 'College Vishwa', Tarun Bharat Miss Pratibha Naik - T.Y.B.A.
16. Hindi Essay Competition - First Prize Organised by 'Prayas' Miss Kuldeep Kumar - F.Y.B.A.
17. Marathi Poetry Competition - Third Prize organised by Government College, Khandola Miss Ratan K. Chodankar - F.Y.B.A.
18. Marathi One Act Play Competition - 1992-93 - Third Prize. Organised by Kala Academy, Panaji Mr. Avinash Modak & Group.
19. Marathi One Act Play Competition - 1992-93 Organised by Kala Academy, Panaji ('R' for Ragging) Mr. Avinash Modak - Certificate for Acting (T.Y.B.A.)

N.S.S.

This year 174 students joined National Service Scheme. Adult Literacy was the major project undertaken during the year 1992-93. It was prepared to extend full cooperation to Govt. of Goa's resolve to achieve 100% literacy by the end of the May, 1993. Under Each One Teach One component of the Literacy programme 54 volunteers are imparting literacy to 92 adult in various villages of Ponda Taluka. Our N.S.S. unit had the distinction of starting two adults education centres at Kurti and Marcaim with 18 & 16 illiterates respectively.

Our N.S.S. students rendered valuable assistance during Vivekanand Parikrama's stay in Goa in the month of October. They collected a fund of Rs.2500/- for the Parikrama and provided organisational assistance for the same.

Bharat Jan Gyan Vigyan Jatha organised by our college in eleven vill Ponda Taluka. Through this unique proc our students created awareness am(lages about science, environment, heE literacy.

The other regular N.S.S. activities cor were coaching to SC/ST and poor st service to orphans, work in slums, Shrar and AIDS awareness, The annual blood tion camp was held on 19th January, 1 students donated blood.

N.S.S. SPECIAL CAMP:

The annual special camping programm N.S.S. unit was organised at Marcaim, from 23rd December, 1992 to 1st Ji 1993. There were 77 participants in thir It was inaugurated by the village Sarpa Bholu Naik in the presence of the loca Mr. Raghu Naik, Prin. Heblekar and teachers. Under the Shramdaan pro" volunteers repaired a road at Kara waddo. Two enlightening lectures war ered by Shri K.D. Sadhale (President Vishwa) and Prof. Bhushan Bhаве or conservation & Swadeshi movement tively. Group discussions were held o awareness, Relevance of N.S.S. and N.S.S. projects undertaken by the stuc

The most important project of the camp organisation of Bharat Jan Gyan Vigya at Adanwada, Wadaliwada and Axonw eas of Marcaim village. The programmi a tremendous impact on the villagers. cultural programme was organised for lagers on 31st December, 1992. Th people also participated.

The villagers extended full cooperation camp.

Statistical details regarding the teg programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Stude	
				1st.yr.	2nd yr.
	Arts	BA	3 years		
			Boys	81	100
			Girls	90	72
			Total	171	172

2	Science	B.Sc	3 yrs			
			Boys	79	55	28
			Girls	56	50	33
			Total	135	105	61

Results of the College:

April, 1992

T.Y.B.A. : College Result : 50.81%

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%
Marathi (3 units)	93.33%
History (3 units)	68.57%

April, 1992

T.Y.B.Sc. : College Result : 71.21%

Botany (6 units)	80.00%
Chemistry (6 units)	72.40%
Chemistry (3 units).....	100.00%
Physics (6 units).....	77.77%
Physics (3 units)	80.00%
Maths (3 units)	16.66%
Zoology (3 units)	100.00%
Microbiology (3 units)	100.00%
Zoology (3 units)	62.50%

October, 1992

T.Y.B.A. : College Result -..... 37.83%

Economics (3 units)	18.18%
History (3 units)	50.00
Psychology (3 units)	00.00%

Hindi (3 units)	33.3
Politics (3 units)	100.0
Philosophy (3 units)	42.8
Marathi (3 units)	100.0
Konkani (3 units)	100.0

T.Y.B.Sc. College Result · 41.6

Chemistry (6 units)	2
Physics (3 units)	100.0
Zoology (6 units)	66.6
Physics (6 units)	50.0
Maths (3 units)	33.3

April, 1993

T.Y.B.A. : College Result · 58.4

Economics (3 units)	59.0
Politics (6 units)	93.7
Philosophy (3 units)	52.3
Marathi (3 units)	38.8
Hindi (3 units).....	78.5'
Politics (3 units)	83.3:
History (3 units)	78,5'
Psychology (3 units)	33.3;
Marathi.(6 units)	60.01
Konkani (3 unis).....	92.B.

T.Y.B.Sc. - College Results · 73.9'

Physics (3 units)	100.01
Physics (6 units)	62.51
Chemistry (6 units).....	71.0!
Zoology (6 units)	85.7
Maths (3 units)	50.01
Chemistry (3 units)	90.91
Botany (6 units)	66.61
Microbiology (3 units)	90.91

Information about campus development :

During the academic year 1992-93: our c has started imparting education in add subject viz. Marathi (6 units) at /T.Y.B.A.

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. The Goa University has now granted permanent affiliation to the Naval Academy with effect from the academic year 1993-94.

the Naval Academy has exclusive buildings for conducting training classes and for accommodating cadets as well teaching staff. The academic wing has a total of 16 classrooms. It houses the staff rooms, the laboratories for physics, Examination Cell, Draughtsman room and a drawing bay.

Teaching and Research Staff:

1. Cdr. L. Rdhakrishnan, M.Sc. (Maths)
Principal M.Sc. (Defence Studies)
2. Lt. Cdr. K.B. Mehta, M.Sc. (Physics)
Vice Principal/
Controller of Examinations.
3. Lt. K.S. Venugopal, M.Sc. (Applied Maths)
Registrar.
4. Lt. G. Ojha, M.Sc. (Chemistry)
Head of the Chemistry Faculty.
5. Lt. H.N. Satish, M.Sc. (Physics)
Head of the Met & Oceanography Faculty.
6. Lt. G. Varughese, M.Sc. (Physics)
Member of the Physics Faculty.
7. Lt. G. Varughese, M.Sc. (Physics)
Member of the Physics Faculty.
8. Lt. R. Giridharan, M.Tech (Atmospheric
Member of Science & Technology)
the Physics Faculty
9. Lt. V.S. Kumar, M.Sc. (Operation Research)
Head of the Maths Faculty
10. Lt. K.M. Ajay, M.Sc. (Maths)
Member of the Maths Faculty
11. Lt. Rajvir Singh, M.Sc. (Maths)
Member of the Maths Faculty
12. Lt. Simon Xavier, M.Sc. (Maths)
Member of the Maths Faculty.
13. S. Lt. Ben H. Berson, B.E. (Mech.)
Member of the Physics Faculty
14. S.Lt. P. Goel, M.Sc. (Physics)
Member of the Physics Faculty.
15. Shri K.F. Joy, .B.Sc; B.Ed.
Demonstrator in Physics Laboratory.

Library:

A Well stocked library is available for the cadets. Each cadet is issued with a standard text books for study.

Adquate number of reference books, calcs and journals of academic and general I are available in the Library. The Total nur books and periodicals are as follows:—

Text books	6866
Reference books	4539
Periodicals	33
Academic Journals	536

N.C.C., Sports, Debates, Cultural Activiti N.S.S., Educational and Extension Work: Sports :

A Gymnasium has been set up inside tk emy campus.

The Naval Academy participated in th Collegiate Football, Cross Country, Baskett Aquatics Championships conducted by the sity for the year 1992-93.

The Academy has following sports facil 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 One
- (g) Squash Court One
- (h) Tennis Court..... One
- (j) Cricket (Net Practice only) One
- (k) Boat Pool with a number of boats for trE water sports.

Reprographic Cell : The Reprographic C xeroxing, cyclostyling, spiral binding ai Ironic stencil cutting facilities. These f are extensively used for preparing instil support materials, question papers and of weekly training programmes.

Training Design and Evaluation Cell: Thi ing Design and Evaluation Cell moni1 progress of classroom instructions, s' Teaching schemes, Lessons plans an lion banks for each subject are made a to assist the instructors in executing thE effectively. Training aids such as 0) Projectors, Slide projectors and Audi(Aids are utilised to assist the trainees 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 : The University Cell liaises 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. 14 PCs are available for training.

Laboratories : Electronics, Electrical, Optics and Head and General Physics Laboratories are located in the academic wing.

Meteorological Observatory: A Surface Meteorological Observatory has been set up to impart practical training in meteorology for third semester cadets.

Teaching Courses and Students:

The Academy conducts 3 years 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, 1993 are as follows:—

S.No.	Semester	No. of cadets
1.	Sixth (46 NAC)	34
2.	Fifth (47 NAC)	29
3.	Fourth (48 NAC)	40
4.	Third (49 NAC)	29
5.	Second (50 NAC)	24
6.	First (51 NAC)	23

Results of the Academy

Results of the examinations conducted during the academic year 1991-92 are as follows:

Month	Passing our term	No. of students appeared	No. of Students passed	Percentage of pass
May 92	44 NAC	33	33	100%
Nov. 92	45 NAC	23	23	100%
May 93	46 NAC	35	35	100%

Information about campus development of new buildings, opening subjects, course programmes:**Office for Teaching and Non-Teaching :**

Offices for teaching and non-teaching 5 located in the Academic Wing and Administrative Block respectively.

Lecture-cum-Assembly Hall : A centrally conditioned 456 seat Lecture - cum - Assembly Hall is available for the training purpose. Various guest lectures by eminent speakers, various walks of life are organised in this Hall. Facility also exists for screening of instructional films in this hall. Quiz, Elocution, dramatic competitions and programmes are organised in this hall.

A-12 CUNCOLIM EDUCATION SOCIETY: COLLEGE OF ARTS & COMMERCE CUNCOLIM - GOA.

The College is run by the Cuncolim Education Society. It was established in August 1958. Shri Dinkar L. Naik is the Principal of the College. The College, however does not have any hostel facility.

Teaching and Research Staff:

1. Shri Dinkar L. Naik, M.A. Principal.
2. Shri Laximan G. Naik, [M.Com.](#) Lecturer
3. Smt. Flavia Dias e Colaco, M.A. Lecturer
4. Smt. Savita S. Nadkarni, [M.Com.](#) Lecturer
5. Smt. Sarala V. Katageri, M.A. Lecturer.
6. Smt. Apoorva A. Marathe, M.A. Lecturer
7. Shri Augusto J. Pinto, M.A., BEd. Lecturer.
8. Shri Avinash V. Raikar, M.A. Lecturer
9. Shri Anand S. Dessai, M.Sc. Lecturer.
10. Ms. Teja N. Usgaonkar, M.A. Lecturer.

11. Smt. Tolentina Xavier, B.Sc., LL.B.
Lecturer.
12. Shri Pravin P. N. Gaonkar, [M.Com.](#)
Lecturer
13. Shri Sandeep Patil, M.A.
Lecturer
14. Ms. Chatura R. Shirwaiker, M.A.
Lecturer
15. Shri Remy Dias, M.A.
Lecturer.
16. Shri Argemiro Rodrigues, [M.Com.](#)
Lecturer.
17. Shri Prakash R. Morakar, M.A.
Lecturer.
18. Ms. Sunetra P. Narvekar, M.A.
Lecturer
19. Shri Mohammad Mushahidullah Khan,
Lecturer M.A., M.Phil.
20. Ms. Anupa A. Naik, M.A.
Lecturer.
21. Ms. Maria Fatima Monteiro, M.A.
Lecturer
22. Shri Nelson Rebello, M.A.
Lecturer
23. Shri Ramlal S. Vernekar, M.P.Ed.
Director of Physical Education
24. Shri Gaus Khan Usman Khan, B.A, B.Lib.Sc.,
Librarian M.Lib.I.Sc.

Library : Total No. of text books - 1109;

Reference Books -	799;
Maps and Atlases -	25;
Academic Journals -	60;
Periodicals -	22;

Information about the Research projects completed by the teachers, and seminars/Workshop held by the college:

Following teachers are engaged in doing M.Phil.

1. Shri Augusto J. Pinto and Shri Laximan G. Naik have completed their M.Phil. Part I and are engaged in writing the dissertation part of the same.
2. Shri Morakar Prakash R. has completed M.Phil.
3. Smt. Savita S. Nadkarni has registered for M.Phil.

The College staff and students held work on (1) Economic Liberalisation (2) Stock ket SCAM (3) State of the Nation.

N.C.C., Sports, Debates, Cultural Activ N.S.S., Educational and extension works,

The students' Council, the college Gym' and the College NSS Unit which together most of the college Extra - Curt activities were inaugurated by Shri Frar Sardinha, Hon'ble Minister for Agricultui

Cultural Activities : The students' Council cl by Prof. (Smt.) Flavia E. Colaco conducti following competitions: Elocution compe Essay competition, English, Hindi, Konka Marathi Singing Competitions, Inter-clas; Competitions and Wall paper competition Council also conducted the 3rd Annual College Kavi Sammelan in English, Konkani and Marathi languages in whi colleges participated.

At the Kala Academy One Act Play comp Rufa Gonsalves and Ilston Afonso won p Prizes were also bagged by Savita Card Goa University's History Department's Competition, Dulcina Vaz at M Vivekananda Kendra's Elocution Comp and Kennedy Rebello at the Poet's M Govt. College, Khandola. Apart from thl College team consisting of shefali V Daulatrao Rane Sardessai, and Falgaonkar won the second prize in tF Competition organised by Shree Damoth lege, Margao.

This year's outstanding performer in Curricular Activities was shefali Vaidyz won the first prize in the elocution comp organised by Sarvajanik Ganeshotsav M Margao and Special Prizes in Competit ranged by the Vivekananda Kendra, Go Anti-Dowry Movement, Bombay. She sented Goa University in the National De Competition and also in the Inter-Uni' Youth Festival. Among the most prominel tors who were invited to talk to the Facu students on topics of current interest A/(noted Freedom Fighter Shri Prabhakar ' on the Freedom Movement of Goa, Dr. Rodrigues and Dr. Anil Pai Rakikar or and Mr. Tony Correia Afonso on '5 VIVEKANANDA'.

N.S.S. : The NSS activities were inaugurated with the Vanamahotsav celebration. Seedlings obtained from the Govt. Agriculture Department were distributed to all. A workshop organised over a period of 5 weeks was conducted by the workers of the Association of Social Health of India to educate them on the dangers of Drug and Alcohol addiction. Volunteers were trained in methods of identifying and Rehabilitating such addicts.

The NSS Unit organised a function to welcome the Vivekanand Bharat Parikramah on the campus. They collected a sum of Rs.2000/- for the Parikramah. Talks were also held on the Philosophy of Swami Vivekanand.

The NSS volunteers undertook Cleanliness Campaign in Cuncolim Municipal Area. A talk was delivered by Dr. Jorson Fernandes to the volunteers to create Awareness about Blood Donation. A debate was organised by the unit to alert students to the dangers of Tobacco consumption. Many of the Volunteers undertook voluntary service to hospitals, Rural Health Centres, Primary Schools and Old Age Homes in Cuncolim, Balli and Canacona and other areas.

The Unit very actively participated in the Mass Programme for functional literacy. Adult Literacy classes started the previous year at Tamnem and Loliem in Canacona Taluka were continued and the progress observed there was very satisfactory.

Annual NSS Special Camp was held at Naquerim Betul. During the camp, NSS volunteers improved the Village Road by clearing the encroaching Shrubbery, Levelling the ground and cleaning the Road-side drains.

Sports: Department of Physical Education and Sports prepared students for participation in the various sports activities organised by Goa University.

College teams participated in Badminton, Football, weight Lifting, Body Building and Power lifting competitions and Volley-Ball, Kho-Kho and Cricket tournaments organised by Goa University.

In Weight Lifting, Body Building and Best Physique Competition, Shri Samit Shirodkar won the Bronze Medal in the Best Physique Group.

In Volleyball, the College team qualified Inter-Zonal Competition. The College u Kho-Kho team put up a good show. The runners-up in All Goa Inter-Collegiate Kb Championship organised by Goa Univ Miss Roshan Naik participated in 29th Kb National Championship held at Bangalo

Statistical details regarding teaching progr and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93
1	Arts 3 4	B.A.	3 years 1st yr.	23
			2nd yr.	41
			Third yr.	17
5	Commerce 6	<u>B.Com.</u>	3 years 1st Yr.	88
			2nd Yr.	75
			3rd Yr.	36

Results of the College percentage-wise:

T.Y.B.A.	April'92	Oct.'92	Ap
Economics	46.15%	22.22%	
Sociology	87.83%	71.42%	46.
Hindi	82.60%	42.85%	1
History	91.30%	83.33%	43.
Political Science	94.20%	100%	63.
T.Y.B.Com.			
Com. & Mktg. (<u>Ind. Org.</u> & Mngt.)	18.18%	22%	41.
Paper I	39.77%	28.57%	30
Paper II	35.22%	100.00%	72
Paper III	36.36%	40.54%	43
Sociology	63.63%	58.82%	68
Export Management	68.18%	63.63%	76

Information about campus development, struction of new buildings, opening c subjects, course programme:

Library building is under construction; classrooms are also under constructio the subject GEOGRAPHY was introduc A.Y.B.A.

A-13 GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, SANQUELIM - GOA.

This is a first 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. Gonnes, 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.

Teaching and Research Staff:

23. Mrs. Sunita Kanekar, M.A., **B.Ed.** Lecturer.

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.

Vice-Principal & Lecturer in Chemistry
(Physical) Lecturer.

4 Mr. D.G. Bandiwadkar, M.Sc.
Lecturer

5 Ms. Lucy James, M.A.
Lecturer.

6. Mr. N.B. Bhat, M.Sc.
Lecturer.

7. Mr. K.R. Badiger, M.A., M.Phil.
Lecturer Dip in Gandhian Studies.

8. Mr. D.B. Arolkar, M.Sc.
Lecturer.

9. Mr. C. Rao, [M.Com](#)
Lecturer.

10. Mr. K.K. Bable, M.P.Ed.
Physical Education Director.

11. Mrs. Sowmini Thomas, M.Sc., D.H.E.
Lecturer.

12. Mr. Anil Karambelkar, M.Sc.
Lecturer.

13. Mrs. Maria Helena Souza, M.A., B.Ed.
Lecturer.

14. Mr. Sayed Abdullah, M.A., M.Phil.
Lecturer.

15. Mr. Tensing Rodrigues, M.A.
Lecturer.

16. Mr. R.K. Tani, M.Sc., B.Ed.
Lecturer.

17. Mr. Ashok Chodankar, M.Sc.
Lecturer.

18. Ms. Rekha Mishra, M.A.
Lecturer.

19. Mr. Joydeep Bhattacharjee, M.Sc.
Lecturer.

20. Ms. Rosalina Pereira, M.Sc.
Lecturer.

21. Mrs. Shubhada M. Joshi, M.A.
Lecturer.

22. Mr. M.B. Ghosarwadkar, [M.Com.](#)
Lecturer.

24. Mr. Ramrao S. Wagh,
M.C.A. Lecturer.

25. s. Anjana Raju, [M.Com.](#)

3 Mr. J.P.P. Pacheco, M.Sc., B.Ed., D.H.E.
Lecturer.

26. Mr. G.A. Konesar, [M.Com.](#), D.B.M., B.E

27. Ms. Maria Imelda Braganza, M.Sc., M.f
Lecturer.

28. M
r. Gervasio Mendes, M.A.
Lecturer.

6. Dr. K.S. Muralidhar,
M.Sc., Ph.D. Lecturer

7. Ms. Agneta Dias,
M.A. Lecturer

8. Mrs. Sneha Mahambre, M.A.,
M.Phil. Lecturer.

9. Mr. Shirish D. Kamat,
M.Sc. Lecturer.

33. Ms. Rufina Borges, M.A.
Lecturer.

34. Mr. Sharat N. Jamkhadi, M.A.
Lecturer.

35. Ms. Sujata Sail, M.C.A.
Lecturer.

36. Ms. Norma Menezes, M.A.
Lecturer.

37. Mr. Sanjay Jahagirdar, M.Sc., M.Phil.
Lecturer.

Library :

Total No. of Text books - 982; Reference
6259; Total No. of periodicals 12; A/
Journals - 34.

Research Projects completed by the teachers and Seminars/Workshops held by the College:

1. N.B. Bhat, Department of Physics submitted dissertation for the award of M.Phil. degree to Goa University. The Project being "X-ray diffraction studies of some coloured glasses".
2. Joydeep Bhattacharjee, Department of Chemistry submitted his thesis for the award of Ph.D. degree in Chemistry to Goa University. The title being "Studies in Natural Projects".
3. A Faculty Improvement Programme of 3-days was held in the College on "Teaching and Learning Skills" - Management and Mastery conducted by Prof. K.C. Peter, Consultant, Portable Universities; and by Mr. Krishna Lawande, Personnel Manager, C.M.M. Group of Companies, Panaji, on "Attitudes and performance", from 11th to 13th November, 1992.
4. Day long Conference of English teachers from Goa University and its affiliated colleges held on 30/1/1993. Three papers were presented : (1) "The Prison House of History: Understanding the making of literature" by Prof. K.S. Bhat, Goa University; (ii) Life and Literature - "The inevitable equation" by Prof. Kiran Budkuley, Goa University; and (iii) Reframing the syllabus at the Undergraduate level - Prof. Ramola Antao, Dhempe College. Dr. A.K. Joshi, Prof. and Head, Department of English, Goa University chaired the Conference.

N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension work, etc.

Sport : The College has a very impressive playground. The College conducted various sports activities throughout the year to bring about all around development of the students. The College participated in inter-collegiate Badminton, Table-tennis, Chess, Foot-ball, Kabaddi, Volley-ball, Tennikoit, Weight lifting, Kho-Kho, Cricket and Athletics. The men's Kabaddi team won the inter-collegiate Kabaddi Championship, 1992-93, and the women's Kabaddi secured 2nd place in North Zone Inter-Collegiate Kabaddi Tournament, 1992-93, Two students of the College won bronze medals in Discus Throw and High Jump in the Inter-Collegiate Athletics Meet, 199-93. The Tennikoit and Kho-kho (Women) teams reached upto quarter fi-

nals in Inter-Collegiate Tournaments. The College held the V Annual Sports Meet, 199 Independence Day, Goa Liberation Day) Republic Day functions were celebrated flags hoisting and various competitions also held in these days.

Debates:

1. An All Goa Inter-Collegiate Debating Competition for the ACGL Shield was held on 1 1992. It was sponsored by ACGL, Honda
2. A Debate was held on 12/08/92 for the cc studetns. The theme of the Debate wa5 should have nuclear power".

Cultural Activities :

Written and enacted plays by the stuc were held on 15/12/92. The one Act Play in Hindi, Konkani & Marathi. College Ai Social Gathering was held on 21/12/199

N.S.S.:

Special Camp was held for 1gclays in Oct, 1992 at Kopardem, Sattari: Lteracy wee adults, Vanamahotsava, Sadbhavana Quami Ekta Week, National Youth Week, (pus Cleaning, Symbolic Cleaning of San Market, Blood Donation Camp, personalit velopment programme and some of the a ties done by N.S.S. some projects were undertaken by volunteers.

Education and Extension Work :

Dr. B.A. Gomes, Principal of the College talks on :

Talk on "Discipline in the Campus" at a fun of Lions Club of Bicholinn on 1/7/1992.

2. A talk on "Youth Leadership" at the Leade Development Programme for the bene N.S.S. Leaders held on 6/8/1992 by the C torate of Sports and Youth Affairs, Panaj
3. Two talks on the "Need for Environmental cation" for School teachers on behalf of Institute of Education held on 24/2/199: 27/3/1993.
4. Talk on "Dr. Ambedkar - From Depths o pression to Collusus" held on 14/4/93, E Bharatratna, Dr. Babasaheb Ambedkar \ tional Centre, **M.P.T.** Vasco.

Mr. R. K. Tan, Botany Department participated in an expedition team which was sent to Mount Everest base camp at Nepal. The trekking was from 3rd May to 21st May, 1993. The team was sent through Youth Hostels Association of India, Goa State Unit.

Mr. Sunita Kanekar, Konkani Department attended seminar on "R.V. Pandit and his poetry" at Goa University in November, 1992. She also participated in All India Konkani Sahitya parishad from 16th to 17th January, 1993 in Margao. She participated in the Get together of Konkani teachers in the Goa University on the topic "Syllabus and teaching methods of Konkani at undergraduate level in January, 1993.

Mr. J.P.P Pacheco attended the first need-based refresher course in Chemistry, held at Goa University in March, 1993.

Inter-Class Science Quiz Competition was held on 21st January, 1993.

Elocution competition for college students was organised on 26th January, 1993. The prizes were donated by the Directorate of Health Services, Bicholim Branch. Another Elocution competition was held in August, 1992 by the English Literary Association. Other competitions that were held are English solo Singing competition. Poetry Recital Competition.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93		
				1st yr.	2nd yr	3rd yr
	ARTS	B.A.	3 years			
			Boys	45	33	11
			Girls	50	44	27
			Total	95	77	38
2	Commerce	<u>B.Com</u>	3 years			
			Boys	59	24	14
			Girls	38	28	9
			Total	97	52	23
3.	Science	B.Sc.	3 years			
			Boys	42	24	
			Girls	32	21	6
			Total	74	45	25

Results of the College percentage-wis

April 1992		Oct/Nov.1993;
T.Y.B.A.	83.88%	T.Y.B.A.
T.Y.B.Sc.	100%	T.Y.B.Sc.
T.Y.B.Com.	88.37%	T.Y.B.Com.
Overall	88%	Overall

April 1993

T.Y.B.A.	70.27%
T.Y.B.Sc.	100%
T.Y.B.Com.	66.66%
Overall	77.50%

Publications/Paper presented :

- Ms. Maria Imelda Braganca, Metherr partment presented the following pz Paper on Nonlinear Variation of Pe Techniques at the Indian Science Cori in Jan., 1993 at Goa University. (entitled "On Variation of ParametE niques (a linear case), published in U sored Journal Mathematics Educatio
- Economics Association has publi: monographs.
 - Child and Adult employment in Amona Villages.
 - Market penetration and Market selected brands of consumer goods.

Information about campus developme struction of new buildings, openin subjects, course programmes:

Basement of the Commerce Block w oped and rooms were provided to C' fice, N.S.S., Sports, Examination ar visual programmes.

Tree plantation was done on the si College ground.

Six units at Third Year level were intr Economics for T.Y.B.A. and Ph' T.Y.B.Sc.

A-14 GOA COLLEGE OF HOME SCIENCE, GOA.

The Goa College of Home Science is Government of Goa. It was establis[year 1988. Kum. Z. Pabani is the pr the College.

Teaching and Research Staff :

1. Dr. Zahira Pabani, Diploma in Home Science, D.H.E., M.A., M.Phil,Ph.D.
2. Smt. Daisy John, B.Sc., M.Sc. (H.Sc.).
3. Smt. Parvathi Rao, M.Sc.,(H.Sc.), M.S. (Nutrition), Diploma in Dietetics.
4. Smt. Rajal Shinkre, B.Sc.(H.Sc.), M.Sc. (H.Sc).
5. Smt. Singuella de Cunha, B.Sc.(H.Sc.), M.Sc. (H.Sc.)
6. Kum. Rita Godinho, B.Sc.,M.Sc.,

Library: Text books - 823; Reference books - 295; Periodicals 9; Academic Journals - 23;

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 teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93		
				1st yr.	2nd yr.	3rd yr.
1.	Home Science (Home Sc.)	B.Sc.	3 years	50	24	18

Results of the College percentage-wise

March - April, 1992	March-April, 1993
- 78.6% F.Y.B.Sc.	- 78.5%
S.Y.B.Sc. - 94.7%	S.Y.B.Sc. - 94.7%
T.Y.B.Sc. - 92.8%	T.Y.B.Sc. - 93.3%

Publication : NIL

Information about campus development, construction of new building, etc.:

The College building is at Campal, Panaji.

A-15 GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, KHANDOLA, MARCELA-I

Govt. College of Arts, Science & Commerce Khandola, Marcela - Goa is established in 1989. The College is affiliated to Goa University and imparts instruction in courses leading to B.A., [B.Com.](#) & B.Sc. degrees. It is under the Directorate of Education, Govt. of Goa. John B. Fernandes is the Principal of the college.

Teaching and Research Staff:

1. Dr. John B. Fernandes, B.Sc., M.Sc., Principal Dip. H.Ed., Ph.D. ()
2. Mrs. Seema P. Rath, B.A., M.A. Lecturer.
3. Mr. Prabir Kumar Rath, B.A. (Hons.), Lecturer M.A. C
4. Mr. S.M. Tadkodkar, B.A., B.Ed.,M.A. Lecturer.
5. Dr. Jivexa Bhattacharji, B.Sc., M.Sc., 1:1 Lecturer.
6. Ms. Ivone De Menezes, B.Sc., **B.Ed., M.** Lecturer.
7. Ms. Fatima D'Souza, [B.Com](#), [M.Com](#). Lecturer
8. Dr. Bibial G. Dias, B.A., M.A., B.Ed.,Ph.D. Lecturer.
9. Dr. Usha Bhende, B.Sc., M.A., Ph.D. Lecturer.
10. Ms. Christine D'Souza, B.A., M.A., B.Ed Lecturer.
11. Mr. Vithal Sukhthankar, B.Sc., M.C.A. Lecturer.
12. Dr. Tara Shankar Dey, B.PE.,M.PE., D. Physical Education Directory M.Phil.,
13. Mr. Miguel A.B.P.C. Martins, B.Sc., M.S Lecturer.
14. Mr. Jaison Joseph, B.Sc., M.Sc. Lecturer.
15. Mr. Prakash Vazrikar, B.A., M.A. Lecturer.
16. Ms. Sharmila Kelekar, B.A.M.A. Lecturer.
17. Ms. Asha Gawas, B.A., M.A. Lecturer.

18. Mr. Aureliano Fernandes, B.A., B.Ed.,
Lecturer. B.PH.,M.A.
19. Mr. Artemio Fernandes, [B.Com.](#) [M.Com.](#)
Lecturer.
20. Mr. P.V. Chodankar, B.Sc., M.Sc.,
Lecturer.
21. Mr. Sitaram Sukhthankar, [B.Com.](#), [M.Com.](#),
Lecturer M.B.A.
22. Mr. Mahesh Pal, B.A.,M.A.
Lecturer.
23. Ms. Dilecta Colaco, B.Sc., M.Sc.
Lecturer.
24. Ms. Anita Jacob, B.A., M.A.
Lecturer.
25. Mr. Shridhar M. Gurav, B.Sc., M.Sc.
Lecturer.
26. Ms. Isabel Dennis, B.A., M.A. Lecturer.

Library : Text books + Reference books - 9747; Periodicals - 17, Journals - 10. The College has 9747 reference books as on 30 March, 1993 to cater to 578 students. Besides there are 10 journals on various subjects, 17 popular and scholarly magazines and 16 newspapers.

Seminars : The first and second year students of all three streams present seminars using audio-visual media under the guidance of Lecturers teaching Foundation Course and other subjects. Facilities in the Audio-Visual room include an over head projector, slide projector, 16mm film projector, music system, T.V. + VCR, Music and video encyclopaedia.

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

Sports : Students of the College participate in all competitions organised by Goa University. They reached the semi-final stage in the North Zone Inter Collegiate football competition and were runners up at Inter Collegiate men's hockey tournament.

N.S.S. : N.S.S. Volunteer Hitendra Volvoikar was chosen to participate at the Republic Day celebrations at New Delhi in January, 1993. The N.S.S. Unit undertook the work of cleaning the campus and community development activities. The other Associations in the College include Science Association, "Save Our Soul", Nature Club, Psychology-Political Science Association (PPSA), Geography Association,

Economics Forum, Abhyas Mandal, Col Department and English Department organised guest lectures, study tours arrangements for the students.

Cultural Activities : Under the banner of Students' Council the College organised Religious annual, inter collegiate (Cultural) jubiliations'92 on 10th, 11th and 12th December, where eleven colleges participated. A group of students represented Goa University at the Inter University Youth festival organised by West Zone Cultural Centre, at Gujarat traditional folk dance category.

The Annual College Day held on 20th December'92 was a colourful display of student talent and creativity.

College Magazine : The annual college magazine Mahashala '92-93 was released by Prof. Dr. John B. Fernandes. The magazine covers students' concerns like Global warming, India for the 21st century, Liberalisation Policy and Religious Conflict. Prof. Fernandes is the Editor.

Statistical details regarding teaching staff and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students in 1992-1993	
1.	Commerce	B.Com.	3 years	1st yr.	2nd yr.
			Boys	93	61
			Girls	47	21
				140	91
2.	Arts	B.A.	3 yrs.	41	31
			Boys	60	41
			Girls		
				101	71
3.	Science	B.Sc.	3 yrs.	40	
			Boys	27	
			Girls		
				67	1

Results of the College percentage-wise:

	March/April 1993
Arts	53.5%
Commerce	37%
Science	100%

Information about campus development, construction of new buildings, opening of new subjects, course programmes:

New Courses introduced.

Degree course in Computer Science at F.)

A-16 GOVERNMENT COLLEGE OF ARTS, SCIENCE & COMMERCE, QUEPEM - GOA.

Established in 1989, the Government College of Arts, & Commerce, Quepem, is run by the Govt. of Goa. The College imparts instruction in the courses leading to B.A. and [B.Com.](#) degree. Shri P.N. Timble who is also a lecturer in Economics is the Principal of the College. No hostel facilities are provided by 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 Amballor, M.A., M.Phil.
Lecturer.
8. Smt. Asha A. Mangutkar, M.A., B.Ed.
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.,
Lecturer. LL.B.
18. Miss Amrita R. Dessai, M.A.
Lecturer.

2. Miss Bernadette Games, M.A.
Lecturer.
3. Miss Elizabeth Henriques, M.A.
Lecturer.
4. Smt. Prannada U.G. Dessai, M.A , B.Lit
Librarian.
5. Shri Rajan Mathew, M.P.E.
Director of Physical Education.
6. Shri K. Hegde Dessai
Lecturer.

Library : Total No. of books - 6850; Magazin(Journals - 15; Video Cassettes - 70; Cassettes - 69; Newspapers - 14.

Information about the Research Projects pleted by the teachers, and Seminars shops held by the College:

OPEN FORUMS:

1. "Free Port in Goa" organised by the Ecol and Environment Study Circle.
2. "Regional Political Parties - understandir role and relevance" organised by the P Science Study circle.
3. "Konkani in the Eighth Schedule" organ the Student Council in Collaboration 1A Literary Study Circle.

SEMINARS:

1. "Konkani language syllabus for students organised by the Literary study circle.
2. "Employment Opportunities in Goa" org by students Consumer Co-operative S(
3. "Biodiversity" organised by Economi(Environment study Circle in collaboratil the Block Development Office, Quepen

WORKSHOP:

1. "Public Speaking" and "Leadership" org by the Communicatiosn study circle in c ration with the Chandor Jaycees.

N.C.C., Sports, Debates, Cultural Acti N.S.S., Educational and Extension etc.:

NSS : Total enrolment -133; Boys -92 and G Two orientation programme were held fi students for the year 1992-1993. Studen engaged in various activiteis like tree tion and campus work, Literacy prog

and participation in various competitions. Youth week celebrations took off, with a talk on 'Swami Vivekananda by Madhav Pandit. Among the programme that followed were, a hike to Siddh Nath Parwat, Literacy campaign and blood donation. 36 volunteers donated blood. The ten-day special camp was held at Kurpem, Sanguem. 66 volunteers participated in addition to 3 teachers and 2 locals. The following projects were undertaken:

1. Construction of Community Stage.
2. Trekking to Vichudrem.
3. Clearing the premises of Kurpem Church and the approach road to Kurpeshwar Temple.
4. Literacy programme for the villagers.
5. Cultural activities for the locals.
6. Talks by experts in different fields.

Cultural Activities : The Cultural Union of the College conducted various competitions throughout the year. Essay, elocution, singing, rangoli competitions and debates were held. 'Kala Sangam' an intercollegiate Youth Festival was also organised by the Cultural Union.

Students participation in inter-collegiate competitions was laudable. They bagged prizes in a variety of competitions. The college cultural group was awarded the 2nd prize at the Kala Academy's inter-collegiate One-Act-Play competition. In addition to individual prizes were bagged by Umesh Naik (Best Actor Award), Mita Shastri (Consolation prize for Best Actress Award) Michael Fernandes (For **Best Lighting**) Miss Bernadette Gomes (**Best Directors** Award). 'The Bench', an adaptation of **E. Albee's 'The Zoo Story'**, was bagged in the college, by the theatre group "Khell".

Sports : The Sports council organised a Physical Fitness Programme for a period of 10 days. **Students participated in inter-class as well as inter-collegiate tournaments and fetched medals at both the state and University levels.**

Study Circles/Associations : All the associations/Study circles were active throughout the year. Seminars, Workshops, Symposiums, talks, **study tours were conducted which helped in supplement class-room teaching with current information and develop the analytical ability of the student.**

The History study circle, in collaboration with the Department of Archeology and Ari organised a tour to some of the historical sites of Goa. Students of commerce undertook a visit to Agro Chemicals as part of the programme.

Guest Lecturers : The following guest lecturers were invited under the auspices of various study circles/association to address the students.

Dr. Robert Newman — 'Observations on Goan Society over the last two decades'

Prof. Devendra Bale — 'Share Market Scan',

Prof. R. Bhalerao — 'Life of Vivekananda'.

Prin. Gopalrao Mayenkar - 'Dnyaneshwa Chirantan Prerana'

Shri Anshu Prakash, IAS - 'District Administration'

Shri P.V. Salelkar, Director of Education - (Yashwantrao Chavan Education).

Prin. D.V. Borkar — Reading habits among students.

Shri D.A. Hawaldar, Director of Employment Opportunities in Goa.
Shri N.N. Phadte, Industrial Consultant

Dr. Manjit Singh — 'the Punjab Problem'.

Shri D.N. Hemmady — 'Consumer Protection role of NSS Volunteers'.

Shri. Prabhakar Rane — 'Responsibility Accounting'.

Shri Ajit Raut Desai — 'Role of Students in Life Education Programme'.

Shri Raman — 'Entrepreneurship Development'.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93	
1.	ARTS	BA.	3 years	1st yr.	2nd yr.
			Boys	43	15
			Girls	31	35
			Total	74	50
2.	Commerce	B.Com.	3 yrs.		
			Boys	77	41
			Girls	41	26
			Total	118	67

Results of the College Percentage-wise:

	April, 1992	April, 1993
T.Y.B.Com.	38%	64.86%
T.Y.B.A.	64.29%	76.00%

Information about Campus development, construction of new buildings, opening of new subjects, course programmes :

The college is now housed in its own premises constructed at a cost of Rs.50.00 lakhs. There is provision for a spacious library, laboratories, college canteen and rest rooms for students and staff. The college has approached the University for starting new courses and mainly the science stream. For development of campus to provide sport facilities have been submitted to the Govt. of Goa.

A-17 ROSARY COLLEGE OF COMMERCE, & ARTS, 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.](#) and B.A. degrees. Prof. Inacio Piedade Newman Fernandes is the Principal of the College. The College, however, does not provide any hostel facilities.

Teaching and Research Staff:

1. Prof. Newman Fernandes, M.A., LL.B. Principal.
2. Mr. Savio Falleiro, M.A. Lecturer.
3. Ms. Neeta Mazumdar, M.Sc. Lecturer.
4. Ms. Smita Naik, M.A. Lecturer.
5. Mr. Presley Rebello, M.A. Lecturer.
6. Ms. Anna Rodrigues, **M.A.** Lecturer.
7. Mr. Filipe Rodrigues, [M.Com.](#) Lecturer.
8. Mr. Balchandra Gaonkar, **M.A.** Lecturer.
9. Mr. Francis X. Lobo, M.P. Ed. Director of Physical Education.

10. Ms. Immaculada Gonsalves, M.A. Lecturer.
11. Ms. Layla Mascarenhas, M.A. Lecturer.
12. Mr. Edwin Cotta, M.A. Lecturer.
13. Ms. Fatima Monteiro, M.A. Lecturer.
14. Ms. Derina Dourado, [M.Com.](#) Lecturer.

Library : Total number of text books and ref. books are 1541; Periodicals - 12; an demic Journals - 11.

N.C.C., Sports, Debates, Cultural Acti N.S.S., Educational and Extension etc.:

N.S.S. : Altogether 134 students enrolled selves as N.S.S. volunteers. This is again total strength of 100 which has been all the college by the Goa University. The C N.S.S. unit concentrated mainly on the Literacy Drive'. 118 N.S.S. student volunteers opted for the 'Each One Teach One' r Besides the Literacy drive, some N.S.S. volunteers are helping in Government Libraries, public hospitals, old aged homes, etc. The volunteers were also involved in various related activities including campus ing.

Two NSS student volunteers of the were sent to attend and participate in day 'Leadership Training Programme' Savio Falleiro, the college NSS program Officer, attended a 11 day Orientation! for NSS programme Officers at TISS, E Bombay. The valedictory function of unit of the Rosary College is to be held March, 1993. 139 students have successfully completed over 120 hours of work and during this year.

Sports : The Department of Physical education inaugurated at Rosary College of Commerce Arts, Navelim, at the hands of Mr. K, D'Silva, Director of Sports, Goa University. Rosary College is the first college to introduce physical Education as an academic discipline for all its students. The topics covered during Physical Education Certificate Course - Introduction to P

Education; Basic & Systemic Anatomy; Physiology of exercise; Components of fitness; First Aid and Safety Education; Sports psychology; Health programme; Nutrition and Yoga.

The rosary College organised various programme for its students in the academic year 1992-93:

A. Intramural Programme for Men

1. The Inter-Class football tournament.
2. The Inter-Class Basketball tournament.
3. The Inter-Class Volleyball tournament
4. The Inter-Class Cricket tournament
5. The Inter-Class Athletic Meet
6. The Inter-Class Tug-of-war Competition

B. Intramural Programme for Women.

1. The Inter-Class Basketball tournament
2. Inter-Class Tug-of-War for Women
3. Inter-Class Athletics Meet.

C. Extramural Programme (Inter-Collegiate Competition (Boys Section))

1. Rosary College Navelim participated in the Inter-Collegiate Badminton tournament for Boys held at Campal Indoor Stadium.
2. The College participated in the Inter-collegiate chess tournament for boys at Pharmacy college, Panaji.
3. The College participated in the Inter-Collegiate Football tournament at Navelim, 2STC grounds.
4. The College participated in the Inter-Collegiate Cross Country Race at Goa University, Taleigao.
5. The college participated in the Inter-Collegiate Cycling Competition.
6. The College participated in the Inter-Collegiate Basketball competition at Rosary College grounds.
7. The College participated in the Inter-Collegiate Kabaddi tournament held at Fatorda stadium.

1. The college participated in the IntE legiate Kho-Kho tournament for boys I : Fatorda grounds.

2. The College participated in the IntE legiate Cricket tournament at Chowgul lege ground.

3. The College participated in the IntE legiate Volleyball tournament held at F Municipal Court.

Girls Section: The College participated in the Collegiate Basketball tournament for girl College also participated in the Inter-giate Kabaddi tournament for girls. M Coutinho won the 1st place in 800 nit: also won 1st place in 1500 mts. and s place in 400 mts. She broke 2 Goa Uni) records in 800 and 1500 mts. Miss Gomes won 3rd place in 400 mts.

The first Annual Sports Meet was held sary College grounds. At the end of thE Physical Education Certificate Course was conducted. 250 studetns appear exam out of which 39 passed. They awarded certificates.

Statistical details regarding teaching progr and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Studen In 1992-93		
				1st yr.	2nd yr.	
1.	Commerce	B.Com.	3 years			
				Boys	77	32
				Girls	49	22
				Total	126	54
2.	Arts	BA.	3 years			
				Boys	19	8
				Girls	44	29
				Total	63	37

Results of the College percentage-wise:

T.Y.B.Com. Examination of April, 1993- 27.:

Information about campus development struction of new buildings, opening c subjects, course, programmes.:

In the course of the first year of College, a sional building was put up and was occu: January, 1991. The College Office, Prin Office, Library, Faculty Room, Men's Cc Room, Women's Common Room, Sports Audio-Visual Room, some Classroom

housed in this building. In August, 1991, the foundation stone of the New College Building was laid. The ground floor is ready and the work is in progress.

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. Dr. Cajetan Fernandes is the principal of the College. The College, however, does not provide any hostel facilities.

Teaching and Research Staff:

1. Dr. Cajetan Fernandes, M.A., Ph.D. Principal.
2. Mr. Mario D'Souza, M.A., M.B.A. Lecturer.
3. Ms. Annie Shakoor, MA. Lecturer.
4. Mr. Agnel Dias, M.P.Ed. Director of Physical Education.
5. Mr. Pankaj Parekh, [M.Com.](#) Lecturer.
6. Ms. Biula D'Cruz, M.A. Lecturer.
7. Ms. Soraya Sa, M.A. Lecturer.
8. Mr. Shailendra Mehta, M.A. Lecturer.
9. Mr. Dilip Borkar, M.A. Lecturer.
10. Ms. Magdalena D'souza, M.A. Lecturer.
11. Ms. Asha Panandikar, M.Sc. Lecturer.
12. Mr. B. Ingalhalli, M.A. Lecturer.
13. Mr. Somnath Patil, [B.com.](#), LL.B. Lecturer.

Library : Total No. of text books & reference books - 1189; Academic Journals - 22; Periodicals -6.

Seminars/Workshop held by the College : The Col-

lege conducted a faculty Improvement shop for teaching & non-teaching staff.

N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension 1 etc.:

N.S.S.: The College N.S.S. Cell held its , Special Camp at Kalay Farm. The activities undertaken in the camp were as follow

1. Cleaning of Kalay Farm.
2. cleaning of access road leading to the house.
3. socio-Economic survey of the people in Kalay village.
4. Afforestation drive in the Kalay farm belt to Pilar Fathers.
5. Literacy survey of the villagers.
6. Cultural programmes for the children villagers.
7. Construction of a brick house for a residing in the farm.
8. Cleaning of chapel and temple surroundings.

Social Activities: The College conducted the Collegiate Carol Singing Competition on 10th of December. Nine Colleges participated in the competition. The 1st prize was won by Nirmala Institute, 2nd by Carmel College, the 3rd was won by Rosary College. The College had its Annual College Day function on 19th of December, 1992.

Statistical details regarding teaching progress and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-93	
				1st yr.	2nd yr.
1.	Commerce	B.Com.	3 years		
			Boys	38	36
			Girls	41	24
			Total	79	60
2.	Arts	BA	3 Years		
			Boys	16	16
			Girls	20	29
			Total	36	45

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

The Plan of the new college building is being considered.

A-19 SARASWAT VIDYALAYA'S COLLEGE OF COMMERCE & MANAGEMENT STUDIES, KHORLIM, MAPUSA - GOA.

The College was established in July, 1991 to impart instructions in the approved subjects leading to [B.Com.](#) degree. The College is run by Saraswat Vidyalaya, Telang Nagar, Khorlim, Mapusa - Goa. Shri Bhaskar G. Nayak is the Principal of the College. The College, however, does not provide hostel facilities.

Teaching and Research Staff:

1. Shri Bhaskar G. Nayak, M.A.
Principal
2. Shri Sukhaji Naik, [M.Com.](#), B.Ed.
Lecturer.
3. Shri Jayesh Churi, B.A.; M.P. Ed.
Director of Physical Education
4. Mrs. Laximi V. Kamat, M.Sc.
Lecturer.

Library:

Text books - 292; Periodicals - 02; Reference books - 276; and Academic Journals - 02.

Information about the Research projects completed by the teachers and seminars/workshops held by the College:

Workshop on "Agenda for Excellence" held by the College on 2nd March, 1993.

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

N.C.C.: The College does not have a separate N.C.C. wing, however it accommodates the deserving students in N.C.C. units of other colleges.

Sports : The College participated in different event conducted by Goa University. In Athletics at Inter Collegiate level two of the athletes could secure positions.

Cultural Activities: The College participated in youth festivals organised by Govt. College of Arts, Science & Commerce, Khandola and Govt. College of Arts, Science & Commerce, Sanquelim. At Sanquelim, the College secured 2nd place. The College also participated in One-Act-Play competition organised by Kala Academy, Panaji. There were a number of competitions organised by Inter-Class level wherein there was active participation of students.

N.S.S.: The college has a NSS Unit volunteers. A number of projects in Education, Social forestry and Rural development were undertaken by the College. The College undertook Goa University C development project which was well attended by the University Authorities. The NSS Camp was held at Ken i (Pernern group of 36 volunteers completed a road hamlet at Ken. In addition to the campers completed construction of a ball Court for the Local High School.

Statistical details regarding teaching and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students In 1992-92	
				1st yr.	2nd yr.
1.	Commerce	B.Com.	3 years		
			Bovs	167	41
			Girls	102	16
			Total	269	57

Information about Campus development construction of new buildings, etc.:

The Management of the College proposed to construct a College Complex at a cost of five lakhs on the land owned by the college. The necessary formalities are being taken care of. The College also proposed to start a degree programme in Management Education (BMS). The arrangements are being made for a specific approval for the same from Directorate of Education and Goa University.

B-1. GOA MEDICAL COLLEGE, BAMBOLIM, GOA.

The Goa Medical College is run by the Government of Goa. It was established in 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 ANATOMY:

1. Dr. G.J. Bhandari, M.B.B.S., M.Sc Professor.
2. Dr. R.B. Desai, Medico Surgeon As Prof. Lic. in Med (Coimbra) M.Sc.

3. Dr. A.V. Mainker, MBBS, M.S.
Asstt. Professor.
4. Dr. M.V. Bargi, MBBS, M.S.
Asstt. Professor
5. Dr. A.A. Nagarsenker, M.B.B.S. M.S.
Lecturer.
6. Dr. U.P. Bhate, M.B.B.S., M.S.
Demonstrator
7. Dr. P.R. Pal, MBBS., M.S.
Demonstrator.
8. Dr. M.P. Dias, MBBS., M.S.
Demonstrator
9. Dr. R.N. Dubhashi, MBBS., M.S.
Demonstrator
10. Dr. P.E. Natekar, MBBS., M.S.
Demonstrator

b) DEPARTMENT OF PHYSIOLOGY

1. Dr. J.F. Mascarenhas, MBBS. (Born),
B.Sc. (Med) (Bom)M.Sc. (Med) (Born)
Professor.
2. Dr. R.A. Dhume, Medico Cirurgiao Goa,
MBBS., (Born), M.D. (Bom),M.A.M.S.,
Associate Prof. F.A.M.S.
3. Dr. M.E. Abraham, MBBS. (Andhra), M.D.
Asstt. Professor (Born)
4. Dr. V.K. Mulgaonkar, MBBS (Poona),
Professor M.D.
5. Dr. A.S. Borker, MBBS.(Bom) M.D. (Born)
Lecturer
6. Dr. Frida Monteiro, MBBS.(Bom)
Lecturer M.D. (Born)
7. Dr. A. Noronha, MBBS (Shivaji), M.D.(Bom)
Demonstrator
8. Dr. S.D. Sahakari, MBBS (Born),
Deomonstrator M.D. (Born)
9. Dr. M.D. Nagvekar, MBBS (Karnataka)
Demonstrator M.D. (Born)
10. Dr. J.P. Pednekar, MBBS (Born),
Demonstraor M.D. (Born)
11. Dr. S.R. Sardessai, MBBS (Born),
M.D.(Goa)

c) DEPARTMENT OF BIOCHEMISTRY

1. Dr. Shanti Pamnani, M.D.
Professor

2. Dr. S. Chakrabarti, M.D.
Associate Professor
3. Dr. Mrs. P.P. Nadkarni, M.D.
Lecturer
4. Dr. Mrs. Asha A. Naik, M.D.
Lecturer
5. Dr. R.B. Shah, M.D.
Domonstrator

d) DEPARTMENT OF PATHOLOGY

1. Dr. Suzette Menezes, Medico-Circu
Goa MBBS, M.D. (Path. & Bact.)
Prof. & Head.
2. Dr. Nisha S. Nadkarni, MBBS., M.D.
Associate Professor (Path. &
3. Dr. Roque G.W. Pinto, MBBS., M.D.
Asstt. Prof. (Pathology) E
(Pathology)
4. Dr. M.V. Mallya, MBBS, M.D. (Patho
Lecturer D.N.B. (Patholo
5. Dr. Avril I. Dias, MBBS., M.D. (Path(
Lecturer.
6. Dr. Francisco Couto, MBBS, M.D.
Lecturer (Pathology)
7. Dr. Mohan Pai Raikar, MBBS, M.D.
Demonstrator (Pathology)
8. Dr. Premila D'Souza, MBBS,
Demonstrator M.D. (Pathol(

e) DEPARTMENT OF MICROBIOLOGY

1. Dr. Inderjit Singh, MBBS (Punjabi),
Prof. & head M.D. (Micro) I
2. Dr. Mrs. M.P. Verenkar, MBBS (Bor
Asstt. Prof. M.D. (Path & Bact)
3. Dr.Savio Rodrigues, M.B.B.S (Bor
Asstt. Prof. M.D. (Micro.)
4. Dr. V.A. Naik, MBBS (Born), M.D.
Demonstrator (Micro) Born.
5. Dr. N.V. Kharangate, MBBS (Born.),
Demonstrator M.D. (Micro)
6. Dr. Jose M.W. Pinto, MBBS (Born)
Demonstrator (Micro) Born.
7. Dr. Ranjani Narayan, MBBS (Born),
P.G. Student
8. Dr. Ramona D'Souza, MBBS (Born)
P.G. Student
9. Dr. Mavis Vaz, MBBS (Born)
P.G. Student

f) DEPARTMENT OF PHARMACOLOGY

1. Dr. V.G. Dhume, MBBS (Born), M.D.
Professor (Pharmacology)
2. Dr. N.V. Agshikar, MBBS, M.D.
Assoc. Prof. (Pharmacology)
3. Dr. (Mrs.) R.S. Diniz, MBBS,MD.
Asstt. Prof. (Pharmacology)
4. Dr. (Mrs.) S.S. Hede, MBBS,MD.
Lecturer (Pharmacology)
5. Dr. J.S.C. Pereira, MBBS, M.D.
Lecturer (Pharmacology)
6. Dr. (Mrs.) S.A. Bhounsule, M.BBS, MD
Demonstrator (Pharmacology)
7. Dr. (Mrs.) P.N. Bhandare, MBBS, D.G.O.,
Demonstrator M.D. (Pharmacology)
8. Dr. P.V. Rataboli, MBBS, M.D. -
Demonstrator (Pharmacology)
9. Mr. V.R. Naik, M.Pharm.
Senior Pharmaceutical Chemist.

g) DEPARTMENT OF FORENSIC MEDICINE

1. Dr. B.N. Reddy, M.D., D.F.M.
Professor (Forensic Med.)
2. Dr. P.S. Audi, Medico-Cirurjiao,
Asstt. Prof. M.D. (Path & Bact.)
D.P.B. (C.P.S.),
M.D. (Forensic Med.)
3. Dr. M.S. Usgaonkar, M.D., D.F.M.
Lecturer. (Forensic Medicine)
4. Dr. E. Rodriguese, M.D. (Forensic
Demonstrator Medicine)

h) DEPARTMENT OF PAEDIATRICS

1. Dr. H.B. Rao, MBBS.,M.D.,
Prof. & Head Paediatric Resident -
State University of
New York - U.S.A.,
Post Doctoral Fellow
in Paediatric
Endocrinology - State
University of New York
- USA.
2. Dr. Philomena Pereira D'Souza,
Asstt. Prof. MBBS.,M.D.
3. Dr. Maria Piedade Rego Silveira,
Lecturer MBBS., M.D.,D.C.H.
(C.P.S.)

4. Dr. Kiran P Sawardekar, MBBS.M.D
Lecturer (C.P.S.), DNB
5. Dr. Ameeta Mascarenhas, MBBS.,
Sr. Resident M.D. (F)
6. Dr. Sushma Dukle, MBBS, M.D.,
Sr. Resident - D.C.H. (C.P.S.)
DNB (Ped)

i) DEPARTMENT OF DERMATOLOGY

1. Dr. V.L. Rege, D.V.D, M.D.
Professor & Head.
2. Dr. Maria Flora Mascarenhas, D.D
Lecturer. Diplomat N.B.

DEPARTMENT OF T.B. & CHEST DISI

1. Dr. A.S. Bagga, M.D., T.D.D.
Prof. & Head
2. Dr. A.m. Mesquita, **M.D.**
Assoc. Prof.
3. Dr. Durga Lawande, MD.
Asstt. Prof.
4. Dr. A.L. Da Costa, M.D.
Lecturer

Mrs. Milan Saudagar, M.Sc. (Paly)
Palynologist

k) DEPARTMENT OF SURGERY

1. Dr. W.K. Belokar, MBBS., MS, FIG
'Prof. & Head. M.Ch. (Urology)
2. Dr. Vasco D'Silva, MBBS., MS., FI
Assoc. Prof.
3. Dr. Oswald DeSa, MBBS.,MS.,
Assoc. Prof.
4. Dr. A.N. Jadhav, [MBBS. MS.](#)
Asstt. Prof.
5. Dr. D. Amonkar, MBBS, MS
Asstt. Prof.
6. Dr. F.P. Noronha, M.B.B.S., M.S.
Lecturer.

l) DEPARTMENT OF ORTHOPAEDIC SUF

1. Dr. U.G. Nachinolcar, M.B.B.S., M
D.Ortho., F.A.C.S., F Prof.
& Head.
2. Dr. Carlos Barreto, M.B.B.S., M.S.
Asstt. Prof.
3. Dr. S.M. Bandekar,,M.B.B.S., M.S.
Lecturer.

m) DEPARTMENT OF OPHTHALMOLOGY

1. Dr. Pradeep G. Naik, M.S. (Ophth) Born. Professor Uni.,DOMS(CPS), FICS
2. Dr. Ugam P.S. Usgaonkar, M.S., DOMS. Lecturer.

n) DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE

1. Dr. S.B. Dixit, M.D. (SPM), F.I.A.P.S.M. Prof. & Head F.R.S.H.(London)
2. Dr. R.K. Samal, M.D. (PSM), D.N.B.E., Assoc. Prof. C.H.E.
3. Dr. Agnelo Ferreira, M.D. (PSM), D.N.B.E. Asstt. Prof.
4. Mr. Vidal D'Souza, M.A., D.P.E., D.P.H.Ed., Lecturer • C.H.E.
5. Mr. Hariku mar P., M.Sc. Lecturer.
6. Dr. Shivanand Priolkar, D.P.H., M.D., Demonstrator. D.N.B.E., D.H.A.

o) INSTITUTE OF PSYCHIATRY & HUMAN BEHAVIOUR.

1. Dr. Joao Maria Fernandes, MBBS.,M.D. Director & Prof. F.I.P.S.
2. Dr. (Kum) Pushpabai J. Dukle, MBBS., Medical Supdt. & M.D., D.P.M. Asstt. Prof.
3. Dr. Damodar S. Kukalekar, MBBS., M.D. Community Psychiatriast. D.P.M.
4. Shri P.K. Chakraborty, M.A., Dip. in Medical and social Phychiatry. Clinical Psychologist.
5. Dr. Medhavini Sawardekar, MBBS., M.D., Lecturer. D.P.M.

ID) DEPARTMENT OF MEDICINE

1. Dr. C.P. Kapoor, MBBS., M.D. Professor.
2. Dr. N.G. Dubhashi, MBBS., M.D. Assoc. Prof.
3. Dr. (Mrs) Lata Kamat, MBBS, M.D. Assoc. Prof.
4. Dr. Rufino Monteiro, MBBS, M.D. Asstt. Professor.
5. Dr. Edwin Gomes, MBBS., M.D. Lecturer.

q) DEPARTMENT OF ANAESTHESIOLOGY

1. Dr. Ramakant Nagesh Shetti, MBBS., D.A.

Prof. & Head. M.S.,

2. Dr. (Mrs) Marilyn P. Nazareth, MBB Asstt. Prof.
3. Dr. (Mrs) Dalia D. Bhandare, MBB; Asstt. Prof.
4. Dr. Sitaram V. Korgaonkar, MBBE Lecturer.
5. Dr. (Mrs.) Shaila Kamat, MBBS., Lecturer M.D. Accui

r) DEPARTMENT OF OBST. & GYNAEC

1. Dr. M. N. Pal, M.D., D.G.O., M.N. Prof. & Head.
2. Dr. D.N. Buhariwalla, M.S. Assoc. Prof.
3. Dr. Prasad Nevrenkar, M.D., D.G Assoc. Prof.
4. Dr. (Mrs.) Milan Bhandare, M.D., Asstt. Prof.
5. Dr. (Mrs.) Anjali Kamat M.D., D.G Asstt. Prof.
6. Dr. (Mrs.) Savita Chandra, M.D., Asstt. Prof.
7. Dr. Nimish Pillai, M.D., D.G.O. Lecturer.

Senior Residents (OBG)

1. Dr. Asheesh Gude, M.D., D.G.O. Senior Resident
2. Dr. Luis Dias, D.G.O. Senior Resident
3. Dr. Manjusha Jindal, M.D. Senior Resident
4. Dr. Ratnavati Stanley, D.G.O. Senior Resident
5. Dr. Mini Chacko/Roy, M.D., D.G. Senior Resident
6. Dr. Michael Menezes, D.G.O. Senior Resident.

Details of Research/Masters students:

a) DEPARTMENT OF ANATOMY

Name of the teacher	No. of stude Full-time
Dr. G.J. Bhandari	2
Dr. R.B. Dessai	4

Following Students have completed M.S.:

Dr. R.N. Dubhashi; Dr. A.K. Mukherjee; Dr. U.P. Bhate; Dr. P.E. Natekar; Dr. P.R. Pal; Dr. (Mrs.) Dipti

b) DEPARTMENT OF PHYSIOLOGY

Name of the teacher	No. of students Full-time
Dr. J.F. Mascarenhas	1
Dr. M.E. Abraham	2

c) DEPARTMENT OF BIOCHEMISTRY

Name of the teacher	No. of students Full-time
Dr. S. Pamnani	2

d) DEPARTMENT OF PATHOLOGY

Name of the teacher	No. of students Full-time
Dr. Suzette Menezes	2
Dr. Nisha S. Nadkarni	4

Dissertations :

- "Fine Needle Aspiration Cytology of Thyroid Lesions and its histopathological Correlation".
By Dr. Suresh R.S. Mandrekar.
- "Fine Needle Aspiration Cytology of Lymph Nodes and its histopathological correlation"
By Dr. Sanjyot Nadkarni.

Dr. Suresh R.S. Mandrekar has been declared successful in M.D. Pathology examination.

e) DEPARTMENT OF MICROBIOLOGY

Name of the teacher	No. of students Full-time
Dr. Inderjit Singh	2
Dr. (Mrs.) M.P. Verenkar	3

Following students have completed their thesis:

Dr. Abhaya Korgaonkar : A Study of Hepatitis B surface antigen in different groups by RPHA and ELISA test techniques.

Dr. Kavita Kamath : Mycobacteriological study of fine needle aspirates of cervical Lymphadenitis.

Dr. Ranjani Narayan : In vitro antimicrobial susceptibility testing of S. typhi isolated from cases of POU by Disc diffusion and tube dilution.

Following students have been declared successful in M.D. Examination:

Dr. Kavita Kamath; Dr. Abhaya Korgaonkar

f) DEPARTMENT OF PHARMACOLOGY

Name of the teacher	No. of students Full-time
Dr. V.G. Dhume	2
Dr. N.V. Agshikar	1

Dr. Sunita De Sa has completed her dissertation on "Anticholinergic action of Nefopidil. Comparison with atropine".

g) DEPARTMENT OF FORENSIC MEDICINE

Name of the teacher	No. of students Full-time
Dr. B.N. Reddy	2
Dr. P.S. Audi	2
Dr. M.S. Usgaonkar	2

h) DEPARTMENT OF MEDICINE

Name of the teacher	No. of students Full-time
Dr. C.P. Kapoor	3
Dr. N.G. Dubhashi	3
Dr. (Mrs.) L. Kamat	2
Dr. S.Y. Natekar	2

Dr. V.N. Savoikar has completed his dissertation. Following students have already declared successful in Masters degree examination :

Dr. Vinay priolkar, Dr. Rama Bhat;

Dr. Neville Alberto and Dr. Mahesh Amonkar.

i) DEPARTMENT OF PAEDIATRICS

Name of the teacher	No. of students Full-time
Dr. H.B. Rao	4
Dr. P. Pereira	2

Following students have completed their M.D. Dissertation or thesis:

Dr. Sucheta Sardesai - Submitted a dissertation entitled 'Intermittent short course Chemotherapy for Tuberculosis'.

Dr. Beryl Maria Antao - 'Aetiopathogenesis of PEM in Goa'.

- Dr. Swati S. Naik - 'Typhoid Fever in Paea - Clinical & Microbiological Profile'.

DEPARTMENT OF DERMATOLOGY

Name of the teacher	No. of students Full-time
Dr. V.L. Rege	3

k) 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. Cherylann Zuzarte and Dr. Lalita Fernandes has been declared successful in M.D. degree.

l) DEPARTMENT OF SURGERY

Name of the teacher	No. of students Full-time
Dr. W.K. Belokar	3
Dr. Vasco D'Silva	3
Dr. Oswald De Sa	4
Dr. A.N. Jadhav	2

Following students have passed their M.S.

1. Dr. Prashant Lawande. Thesis - single Dose Antimicrobial Prophylaxis of surgical wound infection.
2. Dr. Celso Dias.

m) DEPARTMENT OF ORTHOPAEDIC

Name of the teacher	No. of students Full-time
Dr. U.G. Nachinolcar	6

Following students have already declared successful in Masters degree :

Dr. Dinesh Kamath, Dr. Zelio D'Mello; Dr. Rajendra Bhandankar

n) DEPARTMENT OF ANAESTHESIOLOGY

Name of the teacher	No. of students Full-time
Dr. R.N. Shetti	10
Dr. (Mrs.) Marilyn P. Nazareth	4

Following students have passed their M.D. (Anaesthesiology)

Dr. Sanjay Bhandankar; Dr. Anand Sagar;

Dr. Pratima Prabhu Dessai and Dr. Maria Agneta Gomes.

o) DEPARTMENT OF OPHTHALMOLOGY

Name of the teacher	No. of student Full-time
Dr. Pradeep G. Naik	5

Following students have completed Masters tation or thesis and have declared successful in the M.S. examination :

Dr. Shamin Kudchodkar. Thesis - Ocular Manifestations of diabetes Mellitus;

Dr. Nolan De Souza. Thesis - Clinical evaluation of Post operative results using standard posterior chamber implants; Dr. Edwin Fernandes. Thesis - Compression of post operative astigmatism in IOL surgery using different refractive techniques.

ID) DEPARTMENT OF OBST. & GYNAEC

Name of the teacher	No. of student Full-time
Dr. M.N. Pal	3

Dr. D.N. Buhariwalla	6
Dr. Prasad Nevrenkar	6
Dr. Milan Bhandare	4
Dr. Anjali Kamat	2
Dr. Savita Chandra (PPP)	—
Dr. Asheesh Gude has declared successful	

Following students have completed Master tation :

1. Dr. Luis Dias - 'Review of cases of Dysfunctional Uterine Bleeding'.
2. Dr. Ratnavati Stanley - 'Review of Acute Haemorrhage'.

q) DEPARTMENT OF PREVENTIVE & MEDICINE

Name of the teacher	No. of student Full-time
Dr. S. B. Dixit	7

Following students have completed Master dissertation or thesis :

Dr. Nadia Rangel; Dr Vidhya Mandurk
Dr Prithviraj Jadhav.

Dr. Nadia Rangel has been declared successful in Masters examination.

r) DEPARTMENT OF PSYCHIATRY & I BEHAVIOUR

Name of the teacher No. of students
Full time

Dr. J.M. Fernandes 6

Following students have completed Masters dissertation:

1. Dr. Ashutosh Prabhudessai - 'Epidemiologic study of alcohol related admission in a Psychiatric hospital;
2. Dr. M.S. Anand - 'Epidemiological considerations in ECT.

Library : Total No. of Books - 12,405; Reference books - 414; Total No. of bound periodicals - 9615; and total No. of current periodicals - 87.

Information about the Research Projects completed by the teachers, and seminars/workshops held by the college:

DEPARTMENT OF PHYSIOLOGY:

1. Effect of duration of stress on pain threshold in rats.
2. Effect of stress on organ of food compensation alteration of its caloric density in rats.
3. Effect of REM sleep deprivation in rats.
4. Effect of Tulsi leaves ingestion on female reproductive behaviour in rats.
5. Effect of intensity and duration of stress on striatal dopamine in the lordosis male sexual behaviour in rats.
6. Effect of REM sleep deprivation in rats.
7. Role of striatal dopamine in the lordosis male sexual behaviour in rats.

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 Roussel Scientific Institute, India.

3. Oxyhemoglobin induced modifications of human erythrocyte cytoskeletal proteins. The project was supported by R.D. Birla Smarak Kosh, Bombay.

DEPARTMENT OF PATHOLOGY

1. Fine Needle Aspiration Cytology of Thyroid lesions and its histopathological correlation.
2. Fine Needle _Aspiratiien Cytology of 'tymph Nodes and its histopathological corielation.

3. Role of lung biopsy in Pulmonary lesions
1. Role of Endoscopic biopsy in upper GE intestinal tract lesions.

2. Role of Endoscopic biopsy in lower Gs intestinal tract lesions.

3. Biopsy of the cervix.

4. Histopathology of brain tumours.

5. Histopathology of Adnexal tumours

of sk

DEPARTMENT OF MICROBIOLOGY

1. HIV status of cases of bilateral extensivi monary tuberculosis.

2. Incidence of chlamydial infection in w with PID.

3. Study of incidence of Herpes simplex tyj

4. Antibiotic sensitivity, Heomagglutination and hemolysin production in relatic serogroups of uropathogenic EscherichiE

5. Clinicobacteriological study of lower re

on tory tract infections and antibiotics testing of the Pathogen.

6. Serological studies for suspected syphilis using TPHA and VDRL test.

Seminars:

1. Transplantation Immunity
2. Problems of Salmonellosis in India
3. Bacterial Genetics
4. Cell Wall
5. Chemical Disinfectants
6. Newer Vaccines

Workshop :

2 days workshop on **HIV** infection - epidier management & counselling. Held in 1st April, 1993.

DEPARTMENT OF PHARMACOLOGY

1. The Department is one of the Centre for s going National project on 'Development 1 tential Drugs from the Ocean'.

2. The Department holds monthly seminars I for the staff and post-graduate students Department.

A Clinical Profile of Alopecia areata in Goa
DEPARTMENT OF T.B. & CHEST DISEASES.

1. Serum Zinc levels and effects of Zinc therapy in patients of Tuberculosis.

(114)

2. A comparative Trial of various Anti-biotics in Lower Respiratory Tract Diseases.

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 pathiological 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 pathoic study)
10. AC pancreatitis - apache - II scoring
11. Carcinoma of breast-clinico pathological studies.

DEPARTMENT OF ORTHOPAEDIC

Seminars : NTT at Pondicherry - By Dr. C. Barreto (National teaching training)

DEPARTMENT OF ANAESTHESIOLOGY

1. Comparative Evaluation of Pre-Anaesthetic Administration of Cimetidine, Ranitidine and Famotidine (in Elective Non-obstetric Patients) on Gastric juice volume and PH.
2. Bupivacaine for spinal Anaesthesia: A comparative study between 0.5% Hyperbaric and Plain Bupivacaine.
3. Evaluation of sedative and Anti-Emetic effects of Trifluoperazine in Preanaesthetic medication.
4. Incidence of Post Spinal Headache in a Teaching Institution.
5. Indo American workshop on Anaesthesiology update was organised from 3rd to 5th March, 1993. 5 American Delegates and 18 Indian Faculty participated. Over 140 Delegates from all over the Country participated. Evaluation was done, certificates were also issued.

DEPARTMENT OF OBST. & GYN'AEC

1. Dr. M. N. Pal attended a Post Partum Programme Seminar at Kolhapur.
2. Dr. D.N. Buhariwalla attended All India

Anesthesia Conference held in Goa.

3. Dr. Prasad Nevrenkar attended All Anesthesia Conference held in Goa.
4. Dr. Anjali Kamat attended Demonstration MTP, Minilap at FW Workshop in Goa.
5. Dr. Savita Chandra attended seminars shop held by the college.

N.C.C., Sports, Debates, Cultural activities, Educational and extension works etc.:

Sports : Ground facilities : Basket Ball G Volley ball Ground; Two outdoor Bad Courts; Two T.T.Tables.

The College is conducting and sending to represent Goa Medical College in International Tournaments and other activities Table Tennis; Badminton; Volley ball; Football; Basketball; Hockey; Cross Country; Weight lifting; Power lifting, Swimming and Athletics.

Results of the College percentage-wise:

April'92

	No. of students APPEARED		No. of students APPEARED	
	Boys	Girls	Boys	Girls
I MBBS	12	3	6	1
II MBBS	28	27	23	24
III MBBS	23	12	9	6
M.D.	5	4	3	3
M.S.	6	1	6	1
Diplomas	1	3	1	3

October, 1992

	No. of students APPEARED		No. of students APPEARED	
	Boys	Girls	Boys	Girls
I MBBS	41	34	34	23
II MBBS	14	6	7	4
III MBBS	42	27	27	18
M.D.	10	9	9	7
M.S.	2	1	2	
Diplomas	3	4	2	3

Publications:

DEPARTMENT OF PHYSIOLOGY

1. Differential Role of Ovarian Hormones for

preference in Rats. Indian J. Physio. Pharmacol Vol. 36(4) Oct. '92.

2. Role of Caudate Nucleus on Modulation of Blood Pressure Responses in cat. Indian J. Physiol pharmacol Vol. 37(1) January, 1993.

3. Effect of interaction between glucose or Sodium Chloride ingestion and ovarian hormones on some endocrine organs in Rats. Indian J. Physiol Vol. 37(1) Jan. '93.
4. Effect of Organ Weight in Rats. Indian J. Physiol Pharmacol Vol. 37(2) April, 1993.

DEPARTMENT OF BIOCHEMISTRY

1. Early postnatal under-nutrition impairs protein kinase C-dependent phosphorylation in rat brain synaptosomes.
S. Chakrabarti, B.Sonaya, P.P. Nadkarni and S.V.M. Da Silva. Neuroscience Letters, 150 (1993) 65-67.

DEPARTMENT OF PATHOLOGY

1. R.G.W. Pinto, F.Couto, S. Menezes: Idiopathic Eosinophilic Pleural Effusion (A case report) in Indian Journal of Cytology, Vol. 8 & 9, 1991 & 1992 page 22- 27.
2. R.G.W. Pinto, F. Couto, N.Nadkarni, S. Menezes: FNAC of clear cell carcinoma of lung metastasizing to the inguinal lymph node and subcutaneous tissue (A case report) in Indian Journal of Cytology, Vol.8 & 9, 1991 & 1992, Page 28-31.
3. R.G.W. Pinto, Premila D'Souza, N. Nadkarni, S. Menezes: Fine Needle Aspiration Cytology of Male Breast in Indian Journal of Cytology, Vol. 8 & 9, 1991 & 1992, pages 32- 34.
4. Rege V.L., Hede R.V., Nadkarni N.S.: Acrokeratosis Verruciformia of Hopf: Indian Journal of Dermatology, Venereol and leprol. 1992: 58: 95-98.

Papers presented at Conferences :

1. Indian Association of Pathologists and Microbiologists at AFMC, Pune, 26th to 28th Nov. 1992.
 - i) Acute Infectious Lymphocytosis Masquerading as ALL.
 - ii) Persistent Hyperplastic Primary Vitreous.
2. Indian Academy of Cytology, Conference held

at Pune, 17th to 18th, Jan'93.

- i) Utility of FNAC
- ii) Unusual lesions diagnosed by FN
- iii) Infarction Following Fine Needle tion - A Rare Complications.

DEPARTMENT OF MICROBIOLOGY

Cholera epidemic in Goa

Dr. (Mrs.) M.P. Verenkar, Dr. Rodrigues Sa Naik V., Dr. M.J.W. Pinto, Dr. Singh In

HIV, Hepatitis B & Syphilis among sex of Goa, presented at the 2nd International Congress on AIDS in Asia & the Pacific, between 8-12 Nov., '92.

DEPARTMENT OF PHARMACOLOGY

1. Bhandare, P.N.; Rataboli, P.V.; Diniz D' R. S.; Dhume, V.G. Aggravating ac hydralazine on ethanolinduced gastric I Indian J Physiol Pharmacol, 36/2, 130.

2. Bhounsule, S.A.; Diniz D'Souza, R. Dhume V.G. (1992). Protective effect phine on ethanol-induced gastric lesions: are ATP-dependent K channels in Arch. Int. Pharmacodyn. Ther. 318 (Ju 116-123.

Audi M.G.; Hede, S.S.; Diniz D'Souza and Dhume, V.G. (1992). A profile of E drug reactions to antimicrobials. The practitioner, XLV (II), 899-902.

4. Dhume, V.G. (1992) (in Hindi) 'Experience the Department of Pharmacology, Goa I College, in Marine Pharmacology research 69 to 73 in 'Drugs from the Sea' ed S.A.H; Dhawan, B.N.; Garg, H.S., ME and Sharma; published by Department of Development, Government of India, New
5. Rataboli, P.V.; Diniz D'Souza, R.S. and I V.G. 1993 - Effect of antihypertensive d ethanolinduced gastric lesions: is there relation with mucosal blood flow? In Physiol. Pharmacol, 37(1), 88-90.

DEPARTMENT OF DERMATOLOGY

1. Acrokeratosis Verruciformis of Hopf. Published in April, 92.
2. Pemphigus in Goa - sent for publication

92 for Journal of Dermatology, Venereology & Leprology.

3. Profile in Genital Sores in Goa - Published in Indian Journal of sexually Transmitted Diseases in May'93.

DEPARTMENT OF T.B. & CHEST DISEASES

1. Spontaneous pneumo-mediastinum published in Lung India in 1992.
2. Bilateral spontaneous pneumothorax in a case of osteogenic sarcoma published in Lung India in 1992.

DEPARTMENT OF OBST. & GYNAEC.

1. Dr. M.N. Pal : 1) Sturna ovarii - Indian journal of Obst. of Gynaec., Oct. '92. 2) Case report on uterus Diadelphus - Indian Journal of Obst. & Gynaec., April '93.
2. Dr. D.N. Buhariwalla: 1) Three publications in Indian Journal of OBG Gynaecology
3. 2) June'92, Two rare retroperitoneal tumours simulating ovarian tumours. 3) Oct. '92- Familial occurrence recurrent Propholastic disease.
3. Dr. Anjali Kamat
4. Dr. Prasad Nevrenkar - A case report on uterus Didelphus. The Indian Journal of Obst. & Gynaecology Vol. 43/No.2/April / Pg 301.
5. Dr. Savita Chandra - Demographic features of Tubectomy Acceptor in Goa Chorio Adenoma Destuens.
6. Dr. Milan Bhandare - Review of 140 cases of pre-aclampsia

Information about campus development, construction of new buildings, opening of new subjects :

The twin objective of academic excellence (at under-graduate/post-graduate medical courses) and administrative satisfaction was achieved for the year 1992-93. A one time increase of 5 seats at MBBS Course was ordered by High Court of Bombay, Goa Bench in the Common judgement in a number of writ petitions against admissions of candidates qualifying the CBSE examination in 1992. It was averred and held that the CBSE had awarded standardisation marks to its candidates giving them an undue advantage over students qualifying the examination of Goa Board. The wave of resentment against CBSE

students still reverbrates throughout the E The post-graduate teaching programme in our specialities is satisfactory. This has suited in the recognition of three addit post-graduate degrees of **M.D.** Obs Gynaecology, M.D. T.B. & Chest Disease M.D. Physiology awarded by Goa Unive The Medical Council of India has recommen to the Government of India to include t qualifications in the 1st Schedule of Me Council of India Act, 1956.

The Affiliation Inquiry Committee of Goa iversity inspected the College and Depart of Obst. & Gynaecology for extension of ation to the Diploma in Obst. & Gynaec and permitted the college to admit 8 candic in an academic year. Earlier, the Institu Psychiatry and Human Behaviour was inspE by Affiliation Inquiry Committee of Goa Ur sity with a view to extend affiliation to Institute. Stiff competition in academic pur has not dampened the spirit of Goa Me College students towards extra-curricula tivities at the intra or inter-collegiate l Their performance is commendable espe(in Chess and quiz competition.

The MBBS graduates of the College have been provided an opportunity to register Goa Medical Council beginning with the t passing out Final MBBS examination in Apr This will spare them efforts and money t(tam n their registration from Maharashtra l cal Council. The new medical complex houses most specialities like surgery, h cine, neurosurgery, Orthopedic Surc Ophthalmology, ENT, skin & V.D., Radio Anaesthesiology, Blood Bank and clinical chemistry. With this relocation, the Panaji pital is shared by Obstetrics & Gynaec and Paediatrics. The services at Ribandar pital are thus discontinued and the buildi now given to Goa Dental College & Hos The year has also seen the opening o patients Department of the above specia at the Rajiv Gandhi Medical Comple Bambolim.

B 2 GOA COLLEGE OF PHARMACY, PAN GOA.

The College was established in the year 1 It is managed by the Government of GI impart instruction in the subjects leadil B.Pharm degree. Post graduate degree

diploma courses are also conducted by the College. Prof. J. Emmanuel who is also the Professor of Technology is the Principal of the College. As regards hostel facilities, there is one hostel for boys and one for girls.

Teaching and Research Staff

1. Prof. J. Emmanuel, B.Sc.; M.Pharm. Professor & Ag. Principal.
2. Dr. R.V. Gaitonde, M.Pharm; Ph. D. Professor.
3. Dr. B.S.Nath, M.Pharm.; Ph.D. Professor.
4. Dr. R.V. Tamba, M.Sc.; Ph.D. Professor.
5. Shri R.G. Bhatkar, B.Pharm.; M.S. Asstt. Prof.
6. Shri D.M. Shingbal, M.Pharm. Asstt. Prof.
7. Shri S.D. Phadnis, M.Pharm. Asstt. Prof.

Library : Text and Reference books - 4137; Periodicals - 06; Journals - 35.

Statistical details regarding the teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students in 1992-93			
				1st	2nd	3rd	4th
	Pharmacy (Technology)	B.Pharm.	4 years				
			Boys	11	14	08	20
			Girls	18	18	14	14
			Total	29	32	22	34

Results of the college percentage-wise:

March-April, 1992 (Main Exam) — 71%
 July, 1992 (Supplementary Exam) — 83%
 March-April, 1993 (Main Exam) — 77%

B-3 COLLEGE OF ENGINEERING, GOA FARMAGUDI - GOA.

The College, established in 1967, 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 A.K. Srivastava is the principal of the College. The Institute has 4

boys and 1 girls hostel each looked a Hostel Superintendent and adequate staff. The students capacities 120, 112, 120 & 90 respectively. Students have been actively participating in the hostels. Each of the hostels have elected representatives in the form of General Secretary, Mess Secretary and wing prefects. I+III & IV and Girls Hostel have messes on a profit no loss basis by the students assisted by one mess superior each.

Teaching and Research staff:

1. Shri A.K. Srivastava Principal.

Staff of Mechanical Department

1. Prof. G.K. Pacholi, BE(Hons), Dr (Badapest) FIE(India) (MIS. M.E.) (M.I) Professor.
2. Dr. R.L. Shanbhag, B.E. (Mech); M.E. Professor.
3. Dr. B.L.N. Shastry, B.E.; M.E. (Mech) Professor.
4. U.M. Prabhudessai, B.E.; M.E.(Mech) mobile; M.Sc.; M.Tech. Workshop Superintendent.
5. A.R. Naik, B.E.; M.Tech (Mech) Assistant Professor.
6. C.S. Hadimani, B.E., M.E. (Mech.) Asstt. Prof.
7. A.M.K. Poduval, B.E.(Mech).; M.Sc. (I) Asstt. Prof.
8. A.D. Telang, B.E. (Mech); M.Tech. Asstt. Prof.
9. U.A. Amonkar, B.E. (Mech); M.E. Asstt. Prof.
10. M.G. Kulkarni, M.Sc. Lecturer.
11. J.J. Goliwadekar, B.Sc., B.E. (Mech); Lecturer.
12. M.H. Dani, B.E. (Mech), M.E. Lecturer.
13. V.Mariappan, B.E. (Mech), M.E. Lecturer.
14. George Easaw, B.E. (Mech), Lecturer.

15. P.M. Bhandankar, B.E. (Mech), M.E. (Mech) Lecturer.
16. D.V. Shirodkar, B.E. (Mech) Asstt. Workshop Suptd.
17. A.A. Siddiqui, B.E. (Elect) Lecturer.

Staff of Electrical Engineering Department

1. S. N. Lal, B.E.; M.E.; Ph.D. Professor & Head.
2. R. T. Bhagwat, B.E. (Elect); M.E.; Ph.D. Professor
3. K.R. Pai, B.E. (Elect), M.Tech. Asstt. prof.
4. V.N. Shet, B.E. (Elect). Lecturer.
5. V.K. Joseph, B.E. (Elect) Asstt. Prof.
6. D.N. Habbu, M.Sc., M.Tech. Lecturer.
7. F.A. Rodrigues, M.A.; B.Ed. Lecturer.
8. T. Krishnakumari, B.E. (Tech) (Elect) Lecturer.
9. G.R. Kunkolienkar, B.E. (Elect) Lecturer.
10. Chanda Pathak, B.Sc. (Engg.) Lecturer.
11. Jyostna Kamal, B.E. (Elect.) Asstt. Prof.

Staff of ETC Department

1. K. J. Khatwani, B.E.,(M.Tech.), Ph.D. Prof. & Head.
2. P. Raja, B.E. (Elect) Asstt. Prof.
3. Krishnamurthi Bendre, B.E. (ETC) Lecturer.
4. Gurudatta Sardessai, B.E. (E & T.C.) Lecturer.

Staff of Computer Engineering Department

1. R.P. Adgaonkar, B.E.; M.Tech.; Ph.D. Prof. & Head.
2. Laximanarayana J. A., B.E. (Computer Sc.) Lecturer.

3. Sanjay A. Bakal, B.E. (ETC) Lecturer.
4. Umesh Bapat, B.E. (Computer Sc.) Lecturer.
5. Pradosh Dessai, B.E. (ETC); M.M.S. Lecturer

Staff of Civil Department

1. R.S. Karmarkar, B.E.; M.E. (Civil); Ph.D. Prof. & Head.
2. A.M. Deshmukh, B.Sc.M.E. Civil; Ph.D. Professor.
3. S.V. Ramachandran, B.E. Civil; M.Sc. (Engg.); Ph.D. Engg. Mech. Asstt. **Prof.**
4. R. Vellingiri, B.Sc.; B.T.; M.Sc.; Ph.D. Asstt. Prof.
5. P.D. Pai, B.E. (Civil); M.E. (Civil) Asstt. Prof.
6. P.R. Mutgi, B.E.; M.E. (Civil) Lecturer.
7. C.S. Gokhale, B.E. (Civil) Lecturer.
8. J.P. Bhat, M.A.; Ph.D. Lecturer.
9. S.N. Betagiri, B.E. (Civil) Lecturer.
10. Roy Charian, B.E. (Civil); M.E. (Civil) Lecturer.
11. M. Ramachandran, B.E. (Civil); M.E. Lecturer
12. Sreekumar S., B.E. (Civil);M.D. Lecturer.
13. K.G. Gupta, B.E. (Civil); M.E. (Civil) Lecturer.
14. N.D. Goswami, M.A. (Economics) Lecturer.
15. S.B. Sheldarkar, B.E. (Civil); M.Tech. Asstt. Prof. in Eng!
16. Ujwala Padke, M.Sc. (Maths) Lecturer.
17. Jaimol Thomas, B.Sc. (Engg.) M.E. (En Lecturer.

Details of Research/Master students :

Name of the Research Guide	No. of students	Semester
Dr. B.L.N. Sastry	5	Sem. I
Uday Amonkar	5	Sem. III
Dr. B.L.N. Sastry	5	Project Sem. V.

List of the students completing Dissertation:

Guide	Name of student
Dr. B.L.N. Sastry	Shri A. Ferrao Shri George Easaw Shri N.V. Pednekar
Co-Guide Uday Amonkar	Shri Vivek Kamat

List of passed out students

Shri M.H. Dani
Shri Raghuraman
Shri S. Acharya
Shri C.S. Dharey
Shri V. Marriappan
Shri Uday Amonkar
Shri D.V. Shirodkar

Library: Total number of text books, reference books, Academic Journals - 36242; Journals - 49.

Information about the Research Projects completed by the teachers and seminars/workshop held by the College:

- Simulation of sequencing Models under the guidance of prof. Uday Amonkar.
- Process Variability of Banner Cutter (Quality Control) under the guidance of Prof. E. George.
- Parameter programming of the side structure of bus moving Autolisp by prof. E. George.
- Mechanical ore handling and transportation through inland waterways by Prof. U.M. Prabhudesai.
- Inspection and predictive maintenance of pressure vessels and pipings by Prof. U.M. Prabhudesai.
- Analysis of bucket wheel reclaimer by Prof. U.M. Prabhudesai.
- Study and design of variable speed drives by

Prof. R. L. Shanbhag.

- Design for mechanical seals for mechanical machinery and its design aspects by Prof. Shanbhag.
- Computer simulation and modelling of a generation unit by Prof. A.M.K. Poduval.
- Analysis and simulation of I.C. Engines by Prof. A.M.K. Poduval.
- Installation and testing of marine engine installation of 2 cyl. Kirloskar Diesel Engine UTE and its testing by Prof. C.S. Hadir
- Loading in EMS under the guidance of Uday Amonkar.
- Analysis of mechanism using DADS by A.D. Telang & Prof. P.M. Bhandankar.
- Metal Hydride-An Automotive Fuel by F. Mariappan.

Statistical details regarding teaching process and students :

Sr No.	Branch of study	Degree to be awarded	Duration of Course	No. of Students in 1992-93	
				Boys	Girls
	Civil, Mech., Electrical, ETC & Computer	B.E.	4 years	146	29
		S.E.		Boys	Girls
	Civil			27	15
	Mechanical			46	
	Electrical			14	05
	Electronics & TC			19	04
	Computer			23	12
		T.E.			
	Civil			Boys	Girls
	Mechanical			19	07
	Electrical			53	
	Electronics & TC			16	05
	Computer			19	04
		B.E.		20	12
	Civil			Boys	Girls
	Mechanical			26	05
	Electrical			25	
	Electronics & TC			10	03
	Computer			20	01
				27	07

**Results of the College percentage-wise:
July, 1992**

	Appeared	Passed	Percentage
B.E. (Civil	47	38	80.85%
(Mechanical)	41	37	90.02%
(Electrical)	21	19	90.04%
(Electronics & TC)	21	19	90.04%

December, 1992

B.E. (Civil)	25	18	72.00%
(Mechanical)	07	04	57.1%
(Electrical)	02	02	100%
(Electronics & TC)	03	02	66.66%

July, 1993

B.E. (Civil)	40	37	92.55%
(Mechanical)	38	35	92.01%
(Electrical)	17	13	76.00%
(Electronics & TC)	25	23	92.00%
(Computer)	30	30	100%

June, 1992

M.E. (Foundation Engg.) Sem. III	10	10	100%
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Jan, 1993

M.E. (Industrial (Engg.) Sem IV	01	01	100%
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July, 1993

M.E. (Foundation Engg.) Sem. III	08	08	100%
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M.E. (Industrial Engg.) Sem. IV	04	03	75.00%
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Publications : Dr. A.M. Deshmukh published following papers :

1. Deshmukh A.M., Rambabu, K.V. (1992) - interaction Analysis of Plane frames by FEM, Indian Ceotechnica FEM, Indian Geotechnical Conference, Feb, 1993 - Calcutta.
2. Deshmukh A.M., Padmokumar (1992) - Influence of Geotextile on strength of Marine Clay-Geosynethetics & Reinforced Earth National Seminar, August, 1992 M.S.U. Baroda.

**B4- 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 various courses leading to B.Ed. and M.Ed. 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 on the campus by an arrangement with the society of the Daughters of the Heart.

Teaching and Research Staff:

1. Dr. (Miss) Jennifer Fonseca, B.A., B.Ed., M.A., Ph.D. in Education.
Principal.
2. Dr. Valikkodath Verghese Chacko, B.Sc., M.A., Ed. D,
Professor.
3. Mr. Vasant G. Prabhu Lawande, B.A., D.I., B.Ed., M.Ed., M.A.
Lecturer.
4. Mr. Gil Raul Do Rosario Alberto, B.Sc., M.Ed.
Lecturer.
5. Miss Beulah Mendez, B.Sc., B.Ed., M.E.
Lecturer.
6. Miss Sharmila Francisca Veloso, B.Sc., M.Ed., M.A.
Lecturer.
7. Mrs. Rhoda Ferrao Almeida, B.A., M.Ed., M.A.
Lecturer.
8. Mr. Sergio Carvalho, B.A., B.T., M.Ed.
Lecturer.
9. Mr. Nicholas Francis D'Souza, B.A., M.A., M.Ed.
Lecturer.
10. Dr. (Miss) Sugandhi Rasquinha, B.A., M.Ed. M.A., Ph. D. in Edu.
Lecturer.
11. Mrs. Kunda A. Borde, B.A., M.A., B.Ed., Sudhakar M.Ed.
Lecturer.

Details of Research students :

Name of the Teacher	No. of students	
	Jr. M.Ed. + Full-Time	Sr. M.Ed. Part-time
	5	1

Name of students who have already been declared successful in the Masters examination.

1. Miss Freeda Andrade;
2. Fr. Augusthy M.M.
3. Miss Kathleen Celestine Gomes;
4. Mr. J. Selvens
5. Miss Elizabeth Mascarenhas;
6. Mrs. Tresa A.
7. Mr. Prasad Sawant.

Library: Total No. of books - 9972, Periodicals - 24.

Information about the Research Projects completed by the teachers and seminars/workshops held by the College:

A three day workshop on Futuristic Education was organised for the faculty members of our college and three other colleges from the neighbouring States. It was conducted by Dr. B.K. Passi, professor & Head of Department of Education of Devi Ahilya Vishvavidyalaya, Indore.

A one day seminar on 'Goals and Quality in Higher Education' was organised by the college for the Deans, Heads of Department, principals & Lecturers of Colleges of Goa University. Dr. P. R. Dubhashi, Vice-Chancellor of Goa University gave a talk on Goals of Higher Education and Dr. Rama Joshi, former vice-chancellor of the University of Bombay spoke on Quality in Higher Education.

Courses in Konkani Language were conducted for Primary school teachers in collaboration with Thomas Stephen Konkani Kendra, Miramar.

A paper reading seminar was held for the M.Ed. students during which Miss Eutemia Fernandes dwelt upon the topic - Evaluation of the Department of Extension Services of Nirmala Institute of Education 1991-92.

A two day workshop on Effective Communication was conducted for the students by Miss Beulah Mendez.

The Principal, Dr. J. Fonseca and Dr. Sugandhi

Prabhu participated in a workshop on 'Effective Communication' conducted by Dr. Gonsalves at Bangalore.

Mrs. Rhoda Almeida and Miss Vida SE participated on a workshop on 'Women's Education' at Bangalore.

Mrs. Rhoda Almeida and Mr. Gil Alberto lecture at the Academic Staff College Sharmila Veloso gave lectures to the Staff of Master of Computer Applications University.

Dr. Jennifer Fonseca and Mr. Nicholas D were involved in the revision of the curriculum for students of classes V to VII of Goc Sharmila Veloso is involved in the activities of the Board of studies (English) for the Board of Secondary and Higher secondary education.

Mr. Gil Alberto conducted a workshop for Formative Teachers of Standards VIII to X Department of Extension Services; acted as a resource person for a workshop on "Formulation of Question Papers for Vocational courses of Higher Secondary schools, conducted a one day workshop on "Setting on Ideal Question Paper" for teachers of St. Joseph's School, Arpora.

Mr. Nicholas D'Souza conducted seminar on Interpersonal relationships for four sessions (Mr. V.G.P. Lawande, Mr. Gil Alberto Sharmila Veloso, Mrs. Rhoda Almeida, Cholas D'Souza and Mr. Kundaborda) acted as resource persons at a workshop on 'Interpersonal Relationships' and Mr. Sergio Carvalho acted as a resource person at a workshop on Extension Services, conducted by the Department of Extension Services of the College.

N.C.C. Sports, Debates, Cultural Activities, Educational and Extension Works, etc.

Orientation Day: At the beginning of the academic year the B.Ed. students participated in a day programme which was an imitation of effective leadership and team work. Teachers also drew up the vision of Nirmala Institute of Education for 1992-93.

Spiritual Programmes : The Eucharistic celebration and a prayer service were conducted most every month. A one day Self-Rite programme was organised for the Catholics. We were privileged to honour our Mother and deepen the devotion to her when the image of our Lady of Fatima was brought to

Institute of Education in the month of November.

The following were some of the activities carried out by the students:

1. Classroom Research Studies
2. Street plays in Pernem on ill effects of tobacco and dowry.
3. Visit to Sanjay School for the handicapped.
4. Naming of trees on the Campus
5. Live-in session for inter-religious studies

Curricular Activities:

The students visited four Homes for the Aged where they served and entertained the inmates. They also entertained the inmates of the Department of Psychiatry and Human Behaviour, Panaji.

Dr. Ashwin Kumar and his team and Mr. Jovito Lopes gave a session on Malaria as well as arranged an exhibition on the same.

Celebrations were held on various occasions such as Independence Day, Teachers Day, Ganesh Chaturti, Women's Day, Liberation Day, Republic Day, Christmas Day and Nirmala Day. The highlight of the Christmas celebrations was the live crib competition which brought out the true meaning of Christmas in the Indian setting or otherwise. Our students won the first prize at the Carol Singing Competition organised by Fr. Agnel College, Pilar.

Women's Cell 'Shakti' : The Women's Cell Shakti was inaugurated by His Lordship, Archbishop Raul Gonsalves on 22nd August, 1992. The Cell organised the following activities:

1. Talk on Women and Law by Advocate Subhalaxmi Naik.
2. Visit to St. Bridget's Institute which caters to the development of Women mainly **through** a formal system of education.
3. Talk on AIDS by Dr. Jose D'sa.
4. Two day seminar on 'Problems faced by women and measures to overcome them'.

Statistical details regarding teaching course and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students in 1992-93
	Education	B.Ed.	One Year	
				Boys 14
				Girls 83
				Total 97

					Jr.
2	Education	M.Ed.	Two year	Boys	1
				Girls	
		M.Ed.	One year	Boys	1
				Girls	2
				Total	3
			Grand Total		4

Results of the College percentage-wise:

April, 1992	Appeared	Passed	Perc(
B.Ed.	99	94	9!
M.Ed.	4	4	10
April, 1993	Appeared	Passed	Perc(
B.Ed.	97	96	9!
M.Ed.	7	7	10

B-5 GOA COLLEGE OF FINE ART, AL PANAJI - GOA.

This is a Government of Goa Institute established in June, 1972 and imparts instructed approved subjects leading to B F.A. (Applied Art) degree (A.S. Deo is the Principal of the college provides hostel facilities in Govt. flat at Altinho, Panaji for boys and girl students have been accommodated at Govt. Polytechnic and Pharmacy College Hostel.

Teaching and Research Staff:

1. Prof. A.S. Deo, G.D.Art
Principal
2. Shri S.R. Borkar, G.D. Art (Ptg. & Con
Lecturer A.M.
3. Shri A.H. Farouqi, G.D. Art
Lecturer
4. Smt. Rohini Kakode, G.D. Art
Lecturer
5. Shri D. Harihar, G.D. Art; A.M.D.
Lecturer & Incharge of Painting Dept.
6. Shri K.S. Viswambhar, Diploma in Art
Diploma in Music.
Lecturer.
7. Shri S. P. Chendvankar, G.D. Art, A.N
Lecturer.
8. Shri H.R. Kambli, B.F.A. Ptg; M.F.A.
Lecturer.

9. Sri M.M. Chodankar, B.F.A. Ptg; M.F.A. Lecturer.
10. Shri D.G. Singbal, B.F.A. Ptg. Lecturer
11. Shri D.V. Navelkar, G.D. Art (Ptg, & Corn.) Sr. Lecturer & Head of Applied Art Department
12. Shri A.R. Shirodkar, B.A., G.D. Art Lecturer
13. Shri Anthony D'Souza, B.F.A. Applied Art Lecturer
14. Shri M. Vengurlekar, B.F.A.; Applied Art. Lecturer
15. Shri Rajeev Shinde, B.F.A. Applied Art Lecturer.
16. Shri Domnic Cordo, B.F.A. Applied Art Lecturer.
17. Smt. S. Prabhudesai, B.F.A. Applied Art Lecturer
18. Shri Willy Goes, B.F.A. Applied Art Lecturer

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

College actively participated in Inter-Collegiate sports, cultural activities, etc.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students				
				1st	2nd	3rd	4th	5th
1	Bachelor of Fine Art and Applied Art.	B.F.A. Paint-log/ Applied Art.	5 years (Boys) (Girls)	28	27	28	15	22
				12	12	10	14	11

Results of the College percentage-wise.:

Course	Oct-Nov. 1992		March-Apr. 1993		%ge
	Appeared	Passed	Appeared	Passed	
B.F.A. Painting	Nil	13	13	100%	
B.F.A. Applied Art	Nil	20	18	90%	

Publication : Nil.

Information about campus development, construction of new buildings, opening of new subjects, course programmes:

Implimentation of academic programme as p University syllabus. Encouraged studer staff for active participation in acaderr curricular activities. Staff and students a actively participating in various open ai bitions. The staff is invited to give !eon, art to other co-educational institutions overall performance of the college is pro and growth of the institution.

B-6 MAHADEVRAO SALGAOCAR COLLEGE LAW, MIRAMAR, PANAJI - GOA.

The College was established in June 19 since then it has been imparting inst leading to the first degree in Law (LLI sides this Diploma classes of the Goa Ir of Management studies are. also conduc the College.

The College is managed by the Devi Shr Education Society, Vasco-Da-Gama Moreshwar Narayan Samant is the Prim the College.

Teaching and Research Staff:

1. Moreshwar N. Samant, B.A., LL.M. Principal.
2. Shri Leonido Rodrigues, B.A. LL.B. Professor
- Amrut Shivram Kansar, B.A., LL.M, Professor
- Saresh Dinanath Lotlikar, B.A., LL.M. Professor
5. Gurudas K. Tamba, **B.A., LL.B.** Professor
- Ravindranath V. Kunkolkar, M.A. (di LL.M. Professor.
7. Shashank A. Samant, **B.A., LL.M.** Professor.
8. Ranjit D. Satardekar, B.A.,LL.B. Professor.

Library: Total number of text books - 2390; ence books - 5000; Periodicals - 247) demic Journals; Legal Foreign - 09; C Periodicals - 13.

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

Achievement in Sports : This College won the Championship in Inter Collegiate Volley Ball.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree	No. of Students in 1992-93		
	Law	LL.B.	3years	1st yr.	2nd yr.	3rd yr.
			Boys	167	46	5
			Girls	80	36	9
			Total	247	82	60

Results of the college percentage-wise:

April, 1992-50%

October 1992 56.66%

April, 1993 - Not yet declared.

B -7 VIDYA VIKAS MANDAL'S GOVIND RAM NATH 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. Shri Arun S. Nadkarni is the Principal of the College.

Teaching and Research Staff:

1. Shri A.S. Nadkarni, M.A.; LL.M.
Principal
2. Shri Carmo D'Souza, B.Sc; M.Sc.; LL.B; LL.M.
Lecturer
3. Shri J.G. Prabhudessai, B.A; LL.M.
Lecturer (Part time basis)
4. Shri T. Jaques, B.Sc.; LL.B.
Lecturer (Part time basis)
5. Shri M. J. Antao, BA; LL.B.
Lecturer (Part time basis)
6. Smt. Sarojini Da Costa, M.A.; LL.M.
Lecturer (Part time basis)
7. Shri C.A. Couthino, B.Sc; LL.M.
Lecturer (Part time basis)
8. Shri Amarao Henriques, B.A; LL.M.
Lecturer (Part time basis)

Library : Total number of text books, ref books, periodicals and academic jour the Library as on 20.4.1993.

Library Books -	3,646
Reference Books -	1,005
Periodicals —	17
Journals —	4

Information about the Research Projects con by the teachers, and Seminars/Worksii

A seminar was held on Ayodhya Issue.

N.C.C., Sports, Debates, Cultural Activities, Educational and Extension Works, etc.

The College participated in various inter-col sports like:

Badminton Tournament, Table Tennis 1 ment, Football Tournament, and our ; NAIK DESAI SURENDRA won SILVER I in Power Lifting Championship.

Statistical details regarding teaching prog and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Course	No. of Stude In 1992-9,	
	Law	LL.B.	3 years	1st yr.	2nd yr.
			Boys	101	22
			Girls	40	19
			Total	141	41

Results of the College percentage-wise.:

April/May, 1992

Appeared	Passed
1st LL.B.	86 31
2nd LL.B.	37 18
3rd LL.B.	28 11

October/November, 1992

Appeared	Passed
1st LL.B.	56 19
2nd LL.B.	19 5
3rd LL.B.	15 5

April/May, 1993

Appeared	Passed
1st LL.B.	92 28
2nd LLB	32 11
3rd LLB	Not yet declared.

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. Karnat is the Dean as on 1-7-1992 and Dr. R.K. Singh, Dean as on 20-4-1993.

Hostel facilities: The Institution does not have its own hostel facilities. However, the hostel facilities of Goa Medical College are being availed for accommodating students, boys and girls requiring hostel accommodation of this college.

Teaching & Research Staff:

I Department of Prosthodontics and Dental Materials:

1. Dr. R. K. Singh, B.D.S.; M.D.S.
Dean & also
Professor of Prosthetic Dentistry.
2. Dr. Meena A. Aras, B.D.S.; M.D.S.
Asstt. Professor in
Prosthetic Dentistry
3. Dr. Vidya Chitre, B.D.S; M.D.S.
Lecturer in Prosthodontics

II Department of Periodontics:

1. Dr. C.M.W. Franco, B.D.S.; M.D.S.
Assistant Professor
in Periodontia.
2. Dr. Jyothi R. Rao, B.D.S.; M.D.S.
Lecturer in Periodontics
3. Dr. Amita Kenkre, B.D.S; M.D.S.
Lecturer in Community 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.
Asstt. Professor in Dentistry
3. Dr. Sanjay Tewari, B.D.S.; M.D.S.
Lecturer in Operative Dentistry

IV. Department of Oral & Maxillo Facial Surgery:

1. Dr. Pascal Pinto, B.D.S.; M.D.S.
Lecturer in Oral Surgery
2. Dr. Praveen Sharma, B.D.S.; M.D.S.
Sr. Resident
3. Dr. R.B. Kamlakar, B.D.S.
Demonstrator

V. Department of Oral Pathology/Microbiology Dental Anatomy:

1. Dr. Anita Eillen Spadigam, B.D.S;
Lecturer in Oral Pathology.

VI. Department of Oral Medicine and 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
3. Dr. Ivy Fernandes Coutinho, B.D.
Lecturer

VII. Department of Orthodontics:

1. Dr. P.K. Chandra, B.D.S.; M.D.S;
Professor of M.D.Sc. (Orthodontia
& Preventive De
2. Dr. Nandini Kamat, B.D.S.
Lecturer in Orthodontia

VIII. Department of Pedodontia:

1. Dr. Samir Dutta, B.D.S.; M.D.S.
Asstt. Professor in Pedodontia.
2. Dr. AnEl Karina Mascarenhas, B.D
Lecturer in Pedodontia
3. Dr. Juliana D"Costa, B.D.S.
Lecturer in Pedodontia.

Library : Total number of text books, reference books, periodicals and academic journals in the library as on 20-4-1993:

Total number of text books in Library

Total number of reference books

Total number of Periodicals

Total number of Academic Journals

Information about the Research Projects conducted by the teachers, and seminars/workshops held in the Colleges:

Various departments have been carrying different research projects and preparing papers to be presented at the conference fortnightly if not weekly seminars, case reports and paper presentations are held in the college.

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

The Institution participated in inter-college Sports. On the cultural front traditional functions

welcome party was organised, Ganesh festival was celebrated with gaiety. Various competition held during Ganesh Festival had good response from the students community. Annual Social Gathering was held in Dinanath Mangeshkar hall at Kala Academy, Campal, Panaji.

Statistical details regarding teaching programme and regarding students as on 1st October, 1992:

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Students				
				1st yr	2nd yr	3rd yr	Sem. 1	Sem. H
1	Dentistry	B.D.S.	Four yrs.	11	9	11	8	2
				15	16	24	7	11
			Total	26	25	35	15	13

Results of the College, percentage-wise, in respect of the Final Year University Examination

(Results of the examination of March-April, 1993):

1. March - April 1992 92%
2. October-November, 1992 77%
3. March - April, 1993 93%

Information about the campus development, construction of new buildings, opening of new subjects, course programme:

Construction of New College Building work has already been commenced and is expected to be completed with in two years period.

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 S.G. Torney is the Principal of the college. 8 students of IInd and IIIrd year have been allotted Hostel accommodation in flat at St. Inez, Govt. Quarters.

Teaching and Research Staff:

- 1 Mr. S.G. Torney, Principal. G.D. Arch., F.D. Arch., F.I.I.A., Industrial Architecture V.R.C.E. Nagpur, International Course in Development in Housing, C.B.R.I. Roorkee.

2. Mr. V.R. Ambatkar, B.Arch. (NGP); M Asstt. Prof. 1.I.T. (K.G.P.); Co on Pedagogy in A ctuure arranged by Council of Nagpu Course in Air Pori Planning Service: multisteried Bldg. services, vigilanc procedure.
3. Mr. A.R.A. Antao, Diploma in Architect Asstt. Professor.
4. Mr. V.C. Fernandes, B.Arch.; Course c Lecturer. Planning for the ii formal sector in politan Cities. (SPA-New Delhi)
5. Mr. Ashish Rege, B.Arch.; M.Planning Asstt. Prof. (Housing)
6. Mrs. Madhavi Dixit Navare, B.Arch. Asstt. Prof.
7. Mr. Lawrence Rodrigues, 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 text books, reference periodicals and academic journals - Books 3600; Journals - 16.

N.C.C., Sports, Debates, Cultural Activities Education and Extension works etc.:

Sports: College participated in inter-coil games such as Cricket, Table-tennis, E ton.

Cultural Activities:

1. Participated in Allocation Comr organised by G.V.M.S. Ponda and NiN prize Mr. Vinayak Bharne and Mr. Wagle.
2. Students also participated in Razz Dance Competition.
3. Participated in Youth Festival organ Dhempe College and got IVth place.

4. Participated UNIGO Youth Festival organised by Goa University and got third place.
5. Participated in Happening Cultural Youth Festival activities organised by Goa Engineering College, Farmagudi and got 2nd place.
6. Participated in Quiz Competition organised by Grace Youth Association.
7. Participated in National Orator Context won by Mr. Vinayak Bharne held at Hyderabad.

NASA: Deligation of 30 members attended the National Association of Students of Architecture (NASA) convention held at Bhuvneshwar and were awarded 3 citations.

The College also hosted pre Council meeting in December, 1993.

Results of the College percentage-wise:

Subjects	March/	Oct/	March/
	April	Nov.	April
	1992	1992	1993
Professional practice	100%	100%	100%
Working Drawing	100%		
Building Services	100%		
Specification & Material	100%		
Elective - I	100%	100%	100%
Elective - II	100%	100%	100%
Design	100%	100%	100%

Publications : The College published their Magazine during the year 1992-93.

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

The College is functioning in Home Science Building. This College has taken from Government 20,000 Sq. Mtrs. area at Dona Paula where demarkation of Compound hall designed by Chief Architect will be executed shortly and building plan is designed in the office of Chief Architect.

B-10. KALA ACADEMY COLLEGE OF MUSIC, PANAJI - GOA.

The Kala Academy College of Music at Campal was established in 1987 by Government of Goa. It is temporarily affiliated to the Goa Uni-

versity to impart instruction in Indian CIE Vocal and Instrumental Music leading degree in Bachelor of Music, which is a 3 year course of study. Shri C.S. Naringi 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) Principal. M.A.
2. Shri S. S. Karandikar, Sangeet Alankar Lecturer (Vocal Music) (Vocal) Alankar
3. Shri Manab Das, M.Music (Sitar) Visva Santiniketan Sangeet Alankar Lecturer (Sitar)
4. Shri H.Burli, Sangeet Praveen (Vocal) Lecturer (Vocal)
5. Shri Ulhas Velingkar, B.Grade of AIR Lecturer (Tabla)
6. Shri P. Chari Lecturer (Tabla) — (on contract basis)

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 Kala Academy Library.

Statistical details regarding teaching program and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree Course	No. of Student In 1992-93			
				1st yr.	2nd yr.	3rd yr.	4th yr.
1.	Sitar	B.Muslc (Sitar)	5 Yrs Boys Girls		1	2	
2.	Tabla	B.Muslc (Tabla)	5 yrs. Boys Girls	6	4	1	
3.	Vocal Music	B.Muslc (Vocal)	5 yrs. "Boys Total	3		3	
				14	8	4	

There had been a very good response to admission in the College of Music compared to last year. Only those students who passed the aptitude test have only been admitted.

Altogether there are four lecturers on regular basis i.e. two for Vocal, one for Sitar and one for tabla and one Lecturer (Tabla) on contract basis. As usual classes for English, Hindi and Art Appreciation (Painting, Sculpture, Dance and Drama) are being engaged by Visiting Lecturers.

The College of Music had organised Workshop on Dhrupad music which has an ancient tradition in our country. Dhrupad was presented by Gundeachea Brothers from Bharat Bhavan, Bhopal. Dr. Ritwik Sayal's Dhrupad Workshop was also held. Dr. Alka Dev Marulkar of Pune conducted a workshop on classical music for five days. She also presented a concert.

Ms. Vaishali Kagalkar stood first class first and was awarded Vilasini Pundalik Rane Award.

For the academic year 1992-93 2 students appeared for Vth Year (Final) exams i.e. Ms. Vaishali Kagalkar and Ms. Vandana Bhonsle and passed with first class results.

The students of College of Music also presented Choir programme at the time of Prime Minister's visit to Goa University, Taleigao.

B - 11. INSTITUTE OF NURSING EDUCATION, ALTINHO - PANAJI - GOA.

The institute of Nursing Education, established in August, 1993 is run by the Directorate of Health Services, Campal, Panaji - Goa. Miss Jyoti Tiwari is the Principal of the College. No Hostel facilities are provided by the College.

Teaching and Research Staff:

1. Miss Jyoti Tiwari, B.Sc. Nsg., M.Sc.Nsg.,
Principal M.A.(Sec) (Carbotherecis
Nsg., P. Graduate Nsg.,
Adm. Mngt.)
2. Mrs. Carol Noronha, B.Sc., Nsg., M.Sc.Nsg.
Lecturer.
3. Mrs. Lucy D'Souza, RNRM, Dip. in Sr. Tutor,
Sr. Tutor P.B. B.Sc.,Nsg.
4. Miss Evita Almeida, B.Sc., Nsg.
Clinical Instructor

Library : Total number of text books - 1420; Periodicals and Academic Journal are Times of India and Navhind Times. Magazines - Care; Health, Family Planning Association of India; Health

Action; Bombay Hospital Journals and tling Journal of India.

Information about the Research project completed by the teachers and seminars/workshops held by the College:

Conducted one workshop on Community Counselling for the B.Sc. Nursing students.

Results of the College percentage-wise college started functioning w.e.f. 16/8/93

Information about campus development/ construction of New buildings, opening subjects :

New building at Bambolim is under construction.

C-1. XAVIER CENTRE OF HISTORICAL RESEARCH, ALTO PORVORIM

Xavier Centre of Historical Research an autonomous registered society with its aim and objective of promoting research and publications in history with special emphasis: Portuguese period church in India, and world issues.

Xavier Centre of Historical Research established in the year 1978. It is recognised by the Goa University on temporary basis Graduate Institute for historical research for guiding students for research leading to degree of Ph.D. in History (GU/EC-LI dated 4th April, 1986). Permanent recognition granted by GU/Recog. Instt/3/93/394: 16/6/93 following clearances by the Academic Council on 29th April and by Executive Council on 28th May, 1993. Rev. Dr. Teotonic Souza has been the Director since 1978. Facilities consist of only three Guest rooms for individual scholars working on a research project and wanting to consult research material housed at the Institute.

Research and Library Staff:

1. Dr. Teotonic R. de Souza, M.A., Ph.D.
Director
2. Dr. Charles J. Borges, M.A., Ph.D., B.A.
Assoc. Director
3. Fr. Delio Mendonca, M.A.
Administrator and Treasurer

4. Mrs. Lilia Maria D'Souza, B.A., B.Lib. Sc.
Librarian
5. Mr. Alex pires
Library Assistant
6. Ms. Pratibha Shiv Shanker, M.A.
Library Assistant
7. Mrs. Teresa Fernandes, B.A.
Portuguese Tutor (Part time)

Doctoral Research:

Dr. (Mrs.) Maria Fatima Gracias and Dr. (Miss) Celsa Pinto have obtained their doctorates in history in November 1992 under the guidance of Dr. Teotonio de Souza. Their topics were "Health and Hygiene in Goa, 1510-1961" and "Portuguese India and its country trade in the late eighteenth - early nineteenth centuries", respectively. Mrs. Philomena Antony is yet to submit her thesis.

Mrs. Philomena Sequeira Antony has submitted her synopths on the topic "Relations between Portuguese India and Brazil = Sixteenth to Nineteenth Centurites".

Staff Research Activities:

Dr. Teotonio R. de Souza, the Director: Delivered a guest lecture on "Church History of Asia from a Third World perspective" at the South Asia Institute of the University of Heidelberg (Sept. 7, 1992) during the course of his five-month study tour in Europe (April - Sept, 1992); Lectured on "Columbus and Discoveries" at the Centre of Latin American Studies, Goa University; presented a paper on "Hajj without spice?: Politics of Religion between Akbar and the Portugues"; spoke to the participants at the Course organised for tour guides in Goa; participated in the seminar on "Europe and its other 1442-1992", and also in a Colloquium organised by the Portuguese Embassy in New Delhi on "Encounter between Portugal and India".

Dr. de Souza is the Convenor of the 7th International seminar on Indo-Portuguese History (ISIPH) slated for January 1994 in Goa. About 50 delegates are to attend the proceedings and 30 will be present as observers. The Fundacao Calousie Gulbenkian, the Fundacao Oriente (Lisbon), and the Portugues National Commission for Commemorating the Portuguese Dis-

coveries are assisting financially. He has been asked by the Heythrop College, University of London, to head the Asia section for the "Dictionary of Christian Biography". Teotonio is also authoring with three other Latin American scholars a book on a history of Christianity from a Third World perspective to be published by the Latin American Foundation. Fr. Teotonio will write on the Asian situation. Fr. Teotonio is also coiling in the project of Biographical Dictionary of Christian Missions, an ecumenical project under the general editorship of Gerald H. Anderson, U.S.A.

Dr. de Souza spoke at the Academia Brasileira de Letras, Rio de Janeiro; was interviewed by Goa Today for his Comments on the Railway issue; nominated to the Board of Directors (Medieval History) of the Indian Science Academy; was nominated to the Institute Menezes Branganza at a ceremony on 16th April, 1993. He spent three months in Italy and Germany on research in the area of the three and spoke on "The Portuguese Presence in the Goan Folklore" at an international seminar organised by the Universidade Nova de Lisboa.

Dr. Charles J. Borges took over as Assistant Director, XCHR, from May, 1993. He conducted a three-day seminar on "The History of the Society of Jesus in India" for Jesuits in Goa. He attended the seminar on "The Liturgical and Administrative Institutions in Goa through the Ages", and read a paper "The Esplanade of India and its use of the Church as an Alternative Helpmate". Delio Mondonca's dissertation entitled, "The Suppression of Konkani Language: A study of the Alvi Francisco de Tavora" as part requirement for his M.A. degree in History at the Goa University.

Library: The XCHR - Sussen Historical Research Library has now a total of over 13,000 (housed in 98 steel book-cases) cyclostyled volumes of government reports, seminars papers, and 125 volumes of archival material. The section on cartography consists of 25 books and about 15 maps. The journal section contains at least 10 titles, some of them now out of print, and includes many newsletters.

A special language section consists of

naries, grammars and readers in Portuguese for the courses 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 copies and a microfilm reader are of use to readers.

Donations of books came from the late Dr. J.A. Ismael Gracias (Lisbon), the Fundacao Calouste Gulbenkian (Lisbon), and the Indian Council of Historical Research (New Delhi). The Centre is indeed grateful to the Institut^o Cultural de Macau for publishing the tenth in the XCHR Series Jesuits in India: In Historical perspective (1992). The Jesuit Goa Province and the XCHR Community have financially supported our ventures.

Seminar: A national seminar on "Discoveries, Missionary Expansion and Asian Cultures" was organised at Baga Xavier Retreat House from November 18-20, 1992 with participation of 20 scholars and social activists, plus 11 observers. The seminar was held to mark 500 years of "discoveries" and to reflect on its impact on Asia in particular..

Portuguese Language Courses:

These were held as usual at the basic level in October and May of 1992-93 with Mrs. Teresa Fernandes as tutor. These month-long courses are popular with researchers, teachers and college students.

Publications:

- 1 Teotonio R. de Souza and Charles J. Borges (eds.). Jesuits in India : In Historical Perspective. Macau: Instituto Cultural de Macau, 1992.

De Teotonio de Souza's articles: "Church Card or People's Card in Goan Politics", Boletim do Institut^o Menezes Branganza, No. 166 (1992), pp. 41-54.

"500 Years After : From the New World to the New World Order" Boletim do Institut^o Menezes Branganca, No. 167 (1993), pp. 135-141.

"Christianization and Cultural Conflicts in Goa 16th - 19th centuries", Missionaçao Portuguesa e Encontro de Culturas, Universidade Catolica Portuguesa, Braga, 1993, Vol. IV, pp. 383-393.

Dr. Charles Borges' articles: Review of Freedom by James Fernand "Sixth International Seminar on Indoguese History, Macau, 22-26 October, Indica 29 (no. 1, 1992), p 59-60, 71-7

Religious Orders and the Estado da I Balncing Act". Goa's External Relatio P.P. Shirodkar, Panaji: Rajhauns, 199; 31.

C-2 GOA INSTITUTE OF MANAGEMENT SI

Name of the Affiliated Institution Shreevani Education Society's Goa Ins1 Management Studies.

Name of the Society which runs the Inst Devi Shreevani Education Soceity.

Date of Establishment of the Institut^o (June)

Name of the Director in position as on 1 - and 20-4-1993: Shri S. Narasimha Raj.

Teaching Staff of the Institute:

Diploma in Administrative Management1

1. Shri Savari Muthu, B.Sc.; D.A.M.;
2. Shri Vijay S. Hede, B.Tech; D.S.M.
3. Shri Vinay Raykar, M.S.W; LL.B.
4. Shri Anant Prabhu, B.Sc; A.C.S.
5. Shri S. Narasimha Raj, B.Sc.; B.E: F
6. Shri G.B. Halkar, M.S.W.; D.PMIR
7. Shri P.K. Lele, B.A; M.S.W.; LL.B.
8. Shri Arvind Thakar, MBA(NDRI)
9. Shri A.A. Pacheco
10. Shri P.R. Mahambre, M.Sc.
11. Smt. Laxmi Ramaswamy, A.M.I.E.

Diploma in Business Management:

1. Prof. G.G. Bhakle, M.A.; LL.B.
2. Shri S. Narasimha Raj
3. Shri K.N. Lawande, B.A (Hons); M.H.
4. Shri Savari Muthu
5. Shri Vijay S. Hede
6. Shri V.K. Iyengar, [B.Com](#); AICWA; AC
7. Smt. P.D. Dhond, B.A; LL.B.
8. Shri P.K. Shetye, B.Tech.;DBM;

9. Shri V.K. Iyengar
10. Shri K.D. Bhat
- 11. Shri Vaidya**
12. Shri Arvind Thakar
13. Shri A.A. Pacheco.

NOTE: All the Faculty except Shri S. Narasimha Raj are visiting faculty, We also have distinguished professionals 'coming in' as Guest Faculty.

Library - No. of books, periodicals, etc. as on 24.4.1993 around 2,800.

Information of Research Projects, Seminars/Workshops held by the Institute: Four students of D.B.M. Course submitted their Project Reports as part of their course requirement.

During 1-7-1992 to 20-4-1993, six HRD programmes were put through.

	Programme/ W.W.	Organisation/ Groups	Levels Covered
1,	EDP Officers	Goa Shipyard Ltd.	55 Officers covered in 4 batches
2.	Project Appraisal	GDDIDC, Goa	20 Officers
3.	Office Management & Secretarial Practice	Heterogenous	14 office and Secretarial personnel.
4.	Personality Development & effective communication skills	Heterogenous	13 from industries, Offices/Individuals
5.	H.R.D. Programme on Trade Union topics	Hotel LaPaz Gardens	20 office Bearers of Employees Union.
6.	Finance for non-finance executives	Heterogenous	16 executive from Industries/ ORGANISATIONS

NOTE: Programme at Sl. No. 1 was of 6 days: Sl. Nos. 2 & 6 were of 2 days each: Sl. Nos. 3 & 4 were of 3 days each: Sl. No. 5 was of 4 days.

Statistical details regarding teaching programme as on 1-10-92 (No. of participants of course:

D.A.M. - Male : 18, Female : 7 (25)

D.B.M. - Male : 20, Female : 6 (26)

12. Results - percentagewise - of G.U. tions held in June, 1993, being the fina 93 course :

D. A. M. : 25%

D.B.M. : 15 %

13. Publications etc. N
14. Information about campus etc:

Good rapport with Industries & Orgai We also conduct Diploma Course in Tourism Management and in Personn agement & Industrial Relations.

C-3 VIDYA VIKAS MANDAL'S INSTITU MANAGEMENT TRAINING AND RESI

The Institute which was established 1981 is run by the Vidya Vikas Mandal recognised by the Goa University for c ing post-graduate part-time one year in Management leading to DBM and DAI mas. Shri R. Bala Chandran Nair is the I of the Institute.

Teaching and Research Staff:

1. Shri R.B. Nair, [M.Com.](#) Director.
2. Shri A.S. Nadkarni, M.A., LL.M Lecturer.
3. Shri V.D. Bhat, C.A. Lecturer.
4. Shri V.G. Patil, M.Sc. Lecturer.
5. Shri A. Thaker, MBA Lecturer.
6. Shri R.D. Dalvi, [M.Com.](#), LL.B. Lecturer.
7. Shri Suresh Rao, MBA., LL.B. Lecturer
8. Smt. G. Philips, M.Conn. Lecturer.
9. Miss F. Rebello, M.A. Lecturer.
10. Smt. Susan Joseph, [M.Com.](#) Lecturer.

Library : Text books, Reference books, periodicals and Academic journals - 515.

Information about the research projects completed by the teachers and seminars/workshops held by the College:

Training in Hospitality Management for Officers of Goa Tourism Development Corporation Sponsored by Govt. of Goa.

Training in Public Distribution System for Officers of Civil Supplies Department sponsored by Ministry of Food Govt. of India.

Sr. No.	Branch of study	Degree to be awarded	Duration of Degree	No. of Students In 1992-93		
				Boys	Girls	Total
1.	Management	D.B.M.	1 year	15	5	20
2.	Management	D.A.M.	1 year	14	3	17

Results of the college percentage-wise : May/June 1992

		Registered	Appeared	Passed	Percentage
DBM.	Sem. I	4	2		
	Sem. II	14		2	28.57%
D.A.M.	Sem. I	4	7	1	50.00%
	Sem. II	12			
Dec./Jan, 1993.					
DBM.	Sem. I	18	15	3	20.00%
	II	4	2	2	100.00%
D.A.M.	Sem.	17	12	4	33.33%
	If	6	3	1	33.33%

C-5 DIRECTORATE OF ARCHIVES, ARCHAEOLOGY & MUSEUM, PANAJI - GOA

Teaching and Research Staff:

Dr. P.P. Shirodkar Director
M.A.; Ph.D.

Details of Research Students:

Name of the Guiding Teacher No. of students
Full-time

Dr. P.P. Shirodkar **4**

Research Projects: Goa's Through the Ages Project. The Director of Archives is its Editor.

Visitors to the Department : 12 Indians and 12 foreigners

Publications : (i) During the period, the Directorate of Archives brought two issues of six-monthly research journal namely Purabhilekh-Puratatva (Archives - Archaeology)

- (i) Vol. IX No.1. Jan - June 1991.
- (ii) Vol. IX No. 2. July - Dec. 1991, is under Print.

He has also edited and brought out the papers on Goa's External Relation. He has edited and brought out two volumes 1) L.V. Bembre and 2) Trial of Rama Hegcll Gazetted Department.

Seminars: (a) The Director participated in the seminar organised by the Xavier Centre for Intellectual Research Porvorim and read the "Evangelisation by Missionaries - hardships".

(b) Delivered a talk on "Disintegration Soviet-Union and its impact" organised Current Affairs Forum St. Xavier College Mapusa.

(c) Participated in the Local History Seminar organised jointly by the Directorate of Goa University and presented a paper 'Evolution of Military Services in Portuguese India (1510 - 1750).

(d) Chaired the Medieval History Seminar and the Second Akhil Maharashtra Itihas Seminar held at Alibag, Maharashtra.

(e) Represented Goa at 54th Session Indian Historical Record Commission in Rohtak, Haryana on 21st - 22nd April, -

Seminar on Local History of Goa Archive Goa University :

The Directorate of Goa University jointly organised the Local History Seminar held on 18th & 19th March. Besides the Director the following staff members of the Directorate presented their papers on the occasion.

- 1. Shri V.R. Mitragotri - "Communalism in the Administration of the Bhojas and 8 Mauryas".

Worked as a Chairman for Board of Studies and organised a Workshop for the History in Goa's College. Held the meeting on syllabus and the other concerned aspects also attended the meetings of Board of Studies of Latin American Studies and Latin American Studies Advisory Board. He delivered a paper at the Goa University to the Senior Lecturers attending Refresher Courses from Maharashtra, Gujarat and Kerala.

Co-editor of Goa Volume of Archaeological Survey of India:

The undersigned the Goa-People of India Series of the Anthropological Survey of India as the Co-Editor. The Volume is under print.

ANNEXURE – VM
LIST OF AFFILIATED COLLEGES
AND RECOGNISED INSTITUTIONS
IN GOA

I Colleges other than Professional.

- 1.1 Dhempe College of Arts & Science, Miramar, Panaji, Goa 403 001.
- 1.2 Smt. Parvatibai Chowgule Cultural Foundations' 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, Goa.
- 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, Campal, Panaji, 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 Vidyalaya Society's College of Commerce & Management Studies, Khorlim, Mapusa, Goa.

- 1.19 The Xaverian Educational Society's Fr College of Arts & Commerce, Pilar, G
- 1.20 Govt. College of Nursing, Altinho, Pana

II Professional Colleges

- 21 Goa Medical College, Bambolim, Goa 403 001.
- 2.2 Goa College of Pharmacy, Panaji, Goa 403 001.
- 2.3 College of Engineering, Goa, Farmagu 403 405.
- 2.4 Nirmala Institute of Education, Altinho, Goa 403 001.
- 2.5 Goa College of Fine Art, Altinho, Pane 403 001.
- 2.6 Mahadeorao Salgaonkar College o Miramar, Panaji, Goa 403 001.
- 2.7 Govind Ramnath Kare College of Law, Margao, Goa 403 601.
- 2.8 Goa Dental College & Hospital, Bar Goa 403 005.
- 2.9 College of Architecture, 'Savitri Miramar, Panaji, Goa 403 001.
- 2.10 Kala Academy's Goa College of Music, Goa 403 001.

III Recognised Institutions

- 3.1 Xavier Centre of Historical Res Porvorim, Bardez, Goa.
- 3.2 Goa Institute of Management S Miramar, Panaji, Goa.
- 3.3 Institute of Management Training & Re St. Joaquim Road, Margao, Goa.
- 3.4 National Institute of Oceanography, Paula, Goa 403 004.
- 3.5 Directorate of Archives, Government Panaji, Goa 403 001.



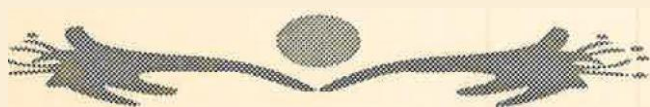
ANNEXURE - IX
EXPENDITURE OF GOA UNIVERSITY

(Rs. in lakhs)

	(1992-93)			(1992-93)			(1992-93)			Budget Estimates (1993-94)		
	ing	Recurr-		ing	Recurr-		ing	Recurr-		ing	Recurr-	
Plan	116.44	283.56	400.00	84.96	266.20	351.16	77.02	171.95	248.97	148.80	208.20	357.00
Non-Plan	245.49	14.80	260.29	227.62	17.55	245.17	201.70	09.27	210.97	247.95	19.75	267.70

ANNEXURE - X
LIST OF THE DEANS OF FACULTIES OF THE UNIVERSITY

1. Dr. A.K. Joshi — Faculty of
Professor & Head, Languages
Department of English
Goa University
2. Shri C.S. Naringrekar — Faculty of Perform-
Principal, ing, Fine Art
Kala Academy's College and Music of
Music, Panaji, Goa.
3. Dr. A.H. Doctor — Faculty of Social
Professor & Head, Sciences
Department of Political
Science, Goa University.
4. Dr. S.K. Paknikar Faculty of Natural
Professor & Head, Sciences
Department of Chemistry,
Goa University.
5. Dr. S. Mavinkurve — Faculty of Life
Professor & Head, Sciences and
Department of Environment.
Microbiology,
Goa University.
6. Dr. V.J. Monteiro — Faculty of
Dean, Medicine
Goa Medical College,
Bambolim, Goa.
4. Prin. A.K. Srivastava — Faculty of
College of Engineering &
Engineering, Goa, Architecture.
Farmagudi, Goa.
5. Shri M.N. Samant, — Faculty of Law
Principal,
M.S. College of Law,
Miramar, Panaji, Goa.



16. Director of

ANNEXURE - XI
LIST OF OFFICERS OF THE UNIVERSITY

1. Vice-Chancellor Dr. P.R.
Dubhash
M.A.;Ph.D;
2. Registrar Shri G.V. Kamat,
M.A.
3. Finance Officer Smt. N.Y. Kapdi,
B.Sc; LL.B; D.F.N
4. controller of Examinations Shri U.S.
Parab
[M.Com](#); B.Ed.
5. Deputy Registrar Shri G.D.
(Academic) Dangi
B.A; [B.Com](#).
6. Deputy Registrar Shri D.P.,Pednek,
(Gen. Admn.) M.A.; B.Ed.
7. Asstt. Registrar Shri A.G. KhanolF
(Exams)
8. Asstt. Registrar Shri U.V.K. Shankl
(Legal) B.A.; LL.B.
9. Asstt. Registrar Shri V.J. Kamat
(Admn.) [B.Com](#).
10. Asstt. Registrar Shri G.J.S. Talau
(Academic) [B.Com](#).
11. Asstt. Registrar Shri M.A. Vaidya
(Academic) B.A.
12. Asstt. Registrar Shri G.D. Nasnod
(Finance) B.A.
13. Asstt. Registrar Shri V.S.N. Alorni
(Exams) B.A.; LL.B.
14. Asstt. Registrar Shri D.G. K. Bam
(Admn.) M.A.;LL.B.
15. Dy. Librarian ~~Shri N.D.E~~
M.A.; M.Lib. Sc.

Dr. T.D. Halarnka
Student's Welfare

M.A; Ph.D.

17. Director of Sports Shri Kennedy D'Silva
[B.Com.](#); M.P.Ed.

18. Systems Analyst Shri D.P.
Naik
M.Sc.

19. Programmer ~~Shri R.~~
M.A.

20. Programmer ~~Shri C.~~
M.Sc.

21. Project Engineer Shri K.R.
Puranik
B.E. (Civil)

23. Garden Superintendent Shri Miguel Brang
M.Sc. (Agri).

24. Asstt. Engineer Shri V.L. Sawkar
B.E. (Civil)

25. Asstt. Engineer Shri S. Talaulikar
B.E. (Civil)

26. Asstt. Engineer Shri A. Srivastava
B.E. (Civil)



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