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10/7/95

GOA UNIVERSITY



ANNUAL REPORT 1993-94

^a, A UNIVERSITY STANDS FOR HUMANISM, FOR TOLERANCE, FOR REASON, FOR THE ADVENTURE OF IDEAS AND FOR THE SEARCH OF TRUTH. IT STANDS FOR THE ONWARDS 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

Shyam Bhatn
10/7/95

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PREFACE

I have the pleasure of presenting the Ninth Annual Report of Goa University for the academic year 1993-94. The report covers the period from June, 1993 to May 1994.

The report is presented in six chapters, Chapter I and Annexures I to V deal with the University Bodies like the Executive Council, the Academic Council, the Court, the Planning Board and the Finance Committee.

Chapter II deals with the academic programme. This covers the Faculties, the Departments, the affiliated Colleges and recognised Institutions. During the year under report there were 23 Post graduate Teaching Departments in addition to the Centre for Latin American Studies, the Centre for Women's Studies and the Academic Staff College. The details are given in Annexure VI. The number of colleges both professional and other than professional, affiliated to the University was 34 and the number of 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 the infrastructure like the buildings, roads, transport, electricity, water supply, sewerage, postal service, banking services, etc. Chapter IV deals with the administration and the financial position of University. The expenditure of the University and other details regarding the officers of the University are given in Annexure IX, X and XI. Chapter V deals with the Library and Chapter VI deals with student activities.

During the year under report, the University made notable progress. In our efforts to make this University a centre of excellence and also to explore new frontiers of knowledge, we have been strengthening considerably the infrastructure for developing the existing Departments/Centres and planning for new hi-tech areas for providing opportunities for learning and research for younger generations. We have also encouraged N.S.S. and other students' welfare activities. We organised a number of seminars and lectures on various topics and through them kept the students and teachers informed about the latest developments in the 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 understanding support and full cooperation at every stage in implementation 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 our student community, for whose bright 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, 1995.

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 1993-94 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 ninth year of its existence.

(i) AUTHORITIES OF THE UNIVERSITY:

Separate lists of the members of the Executive Council, the Academic Council, the Court, the Planning Board and the Finance Committee are given in Annexures 1,11,111, 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 Annual Report of the University for the year 1992-93.
2. Consideration of the Annual Audit Report and Annual Accounts of the University for the year 1991-92.
3. Consideration of Financial Estimates of the University for the year 1994-95 and Revised Estimates for the year 1993-94.

THE EXECUTIVE COUNCIL:

The Executive Council held nine 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. Nomination of a Professor (other than Dean) of the University teaching Departments on the Academic Council.

2. Nomination of a Dean of Faculty on the Planning Board of the University.
3. Nomination of a member on the Building Committee in place of Dr. Deshpande who resigned for personal reasons.
4. Nomination of a Member of Executive Council on the Sports Council of the Goa University.

(ii) POLICY MATTERS

1. Consideration of draft statutes governing the terms and conditions of service of the teachers in the University Teaching Depts.
2. Consideration of the benefits to be extended to the non-teaching staff of the university till it frames its own rules.
3. Reconsideration of the Statute S. 116 regarding redressal of grievances.
4. Statute S. 115.38 Additional provision to be incorporated in the service conditions.
5. Appointment of Special Officer for updating and reviewing the statutes and ordinances of Goa University.

(iii) PERSONNEL MATTERS

1. Reconsideration of the resolution of the Executive Council giving promoting to the EX-CPIR staff with retrospective effects i.e. from 1.6. 1985.
2. Recognition of persons as teachers of the University for guiding Ph. D. students in the subject of Geology, Chemistry, Marine Science, ENT, Paediatrics and Education.
3. Approval of the Recruitment Rules for the post of Director of Sports in the pay scale of Rs. 2200-75-2800-100-4000.
4. Recommendations of the Selection Committee for the appointment to the post of (1) Reader in Political Science (CLAS) (2) Reader in Economics (CLAS) (3) Lecturer in Portuguese (CLAS) (4) Lecturer in Spanish (CLAS) (5) Project Assistant in Centre for Latin American Studies (CLAS) and (6) Project Assistant in Centre for Women's Studies (CWS).

(iv) ACADEMIC MATTERS

1. Nominee of the Executive Council on the Board of

Evaluation.

2. Participation of Vice-Chancellor in the 15th Commonwealth Universities Congress and Conference of Executive Heads.
3. Amendment to 0.26 regarding M. Phill. Degree Course.
4. Proposal for admitting students to the degree at the Sixth Annual Convocation of the Goa University to be held on February 12, 1994.
5. Consideration of the proposal to confer a honorary degree on His Excellency the President of Argentina.
6. Renaming of the Dept. of Marine Science and Dept. of Marine Biotechnology as Dept. of Marine Sciences & Marine Biotechnology.

(v) FINANCIAL AND ACCOUNTS MATTERS

1. Revised Estimates for the year 1993-94 and Budget Estimates for the year 1994-95.
2. Consideration of the membership fee prescribed by the International Association of Universities.

(vi) LEGISLATIVE ADDENDA, AMENDMENTS, ETC.

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

S. 115 - Statute governing terms and conditions of service of teachers appointed in the Teaching Deptts./Centres/Institution of the University.

S. 116 - Statute regarding Redressal of Grievances (This statute is made in supersession of Statute S. 100 of the University).

Ordinances:

0.43 - Ordinance regarding Code of Professional Ethics for University and College Teachers.

0.44, 0.45, 0.46 & 0.47 - Ordinances relating to the three year integrated degree courses in Arts, Science & Commerce (B.A., B.Sc., & [B. Com.](#)) except B.Sc. (Home Science) and B.Sc. (Special).

0.48 - Ordinance relating to the award of Certificate of Proficiency, Diploma of Proficiency and Advance Diploma in Foreign Languages Studies.

ACADEMIC COUNCIL

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

1. Restructuring of the courses at Under-graduate in the Faculty of Arts, Science & Commerce from the Academic year 1994-95.

For F.Y.B.A., B.Sc. & B. Com from the Academic year 1994-95, for S.Y.B.A., S.Y.B. Com. & S.Y.B.Sc. from the Academic year 1995-96 and for T.Y.B.Com & T.Y.B.Sc, from the Academic year 1996-97.

2. Ordinance relating to the award of Certificate of Proficiency, Diploma of Proficiency and Advance Diploma in Foreign languages studies at Goa University.
3. The introduction of T.Y.B.A. courses in French & Portuguese at Goa University from the Academic year 1993-94.

PLANNING BOARD

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

1. Modernisation of University Administration.
2. Proposal to introduce *new* courses in the University studies :
 - a) Food Processing
 - b) Diploma Course at Post-Masters level in Environmental Sciences.
 - d) Acupuncture.
 - e) Establishment of Goa Institute of Science and Technology at University.

Homoeopathic College in Goa International Course in Indian Culture, Polity, Society and Economics.

FINANCIAL COMMITTEE

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

1. Annual Accounts of Goa University for the year 1992-93.
2. Consideration of the revised Estimates for the year 1993-94 and Budget Estimates for the year 1994-95.

CHAPTER II

ACADEMIC PROGRAMMES

A. Post-graduate Programme

(I) FACULTIES & DEPARTMENTS

Till 1993-94 the following departments were functioning in the University:

1. Faculty of Languages: English; Hindi; Konkani; Marathi; French; Portuguese.
2. Faculty of Social Sciences; Economics; History; Political Science; Sociology; Philosophy.
3. Faculty of Natural Sciences: Mathematics; Physics; Chemistry; Geology; Computer Science & Technology, Electronics.
4. Faculty of Life Sciences & Environment: Botany; Zoology; Microbiology; Marine Biotechnology; Marine Science.
5. Faculty of Commerce: Commerce
6. Faculty of Management Studies: Management Studies.

(ii) MULTIDISCIPLINARY CENTRES

1. A Centre for Latin American Studies. This is sanctioned by the University Grants Commission. To begin with, courses in History and Political Science related to the Latin American Countries have been offered at the M.A. level.
2. A Centre for Women's Studies. This has also been sanctioned by the University Grants Commission.

(iii) ACADEMIC STAFF COLLEGE

This University is one of the 50 universities in the country selected by the University Grants Commission for setting up of an Academic Staff College which started functioning early in 1988-89. The jurisdiction of this Staff College extends not only to the area of this University, but also to that of neighbouring Universities in Maharashtra, Karnataka and elsewhere.

(iv) KONKANI ENCYCLOPAEDIA

The University has undertaken a project of prepa-

ration of Konkani Encyclopaedia. The Encyclopaedia will contain entries relating to general knowledge with emphasis on information regarding the Konkani speaking region, its people, history geography, art and culture, customs and manners, etc.

The Encyclopaedia will consist of about 3000 pages in three volumes around 1000 pages each.

The first volume of the Konkani Encyclopaedia containing 1000 entries is already released at the hands of Dr. Shivram Karanth, Dnyanapith Award winner, Kannada Writer and Encyclopaedist.

The second volume is in its last stage of completion and the release of this volume is expected shortly.

This project will be the first of its kind in Konkani and will go a long way in providing valuable information of Konkani readers.

B. Affiliated Colleges

In all 34 colleges covering a wide spectrum of academic disciplines have been affiliated to Goa University. They are:

- (a) Arts, Science & Commerce.
- (b) Medicine, Dentistry, Pharmacy, Nursing & Ayurvedic Medicine.
- (c) Law
- (d) Education
- (e) Home Science
- (1) Engineering & Architecture
- (g) Fine Art
- (h) Music

of the affiliated colleges 13 are Government colleges and the rest under private management.

CHAPTER III

INFRASTRUCTURAL DEVELOPMENT

The infrastructure facilities like roads, electricity, water supply, sewerage, etc. have been provided in the campus and are functioning satisfactorily. The University has also provided a post office, State Bank Counter, Kiosks, canteen etc.

The Boys' and Girls' Hostels which have been constructed some time back have been provided with additional facilities for accommodating more students.

During the year one modern Glass House has been constructed from the magnificent grant of the Ministry of Science and Technology, Govt. of Goa.

Also the building (having 250 M² floor areas) financially supported by the UGC has been completed.

During the year land development including terracing, proper drainage and raised platform etc. within the Faculty enclave has been carried out with a view to provide facilities for an open air forum. The re-roofing work of 'A' & 'B' type quarters (36 Nos.) has been completed.

The major building work undertaken during this year namely the Library Building has been partially completed and remaining work is in full swing.

B. COMPUTER CENTRE

Upgradation of Computer System

The University has established its Computer Centre in March, 1987 with WIPRO S-286 machine having WDOS (Wipro Data Operating System) operating system. Payroll system was first computerised and then computerisation was extended to financial accounting, Library and Examination systems. Currently result processing of major examination like B.A., B.Sc., [B.Com.](#), LL.B. and B.Ed. is done on computer. However, in the rapidly changing computer world, the computer machinery acquired in 1987 became obsolete and could not keep pace with the growing need of our University because of both constraint in disk space and memory.

Considering the above fact, upgradation of computer system was very much needed. The UGC, extended the granting-in-aid facility to the University for setting up upgradation of computer system and approved an outlay of Rs. 12.00 lakhs for the purpose. The University appointed an expert committee under the

Chairmanship of Dr. D. B. Pathak, Professor, I.I.T. Bombay, to finalise the configuration of new system taking in to account the need of the University in the changing computer environment.

The above technical expert committee suggested new system consisting of A 486 EISA based UNIX server with UNIX operating system, A 486 EISA based NOVEL operating server and a PC-AT 386. The University has acquired the above computer machineries along with the necessary software in Dec. 93.

The Computer Centre is now better equipped and intends to cover more areas for computerisation.

ADMINISTRATION FINANCIAL POSITION

(A) Grants from the State Government: 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 1993-94:

1.	Academic Staff College	Rs. 16,12,833.00
2.	Grants for Minor Research Projects	Rs. 10,784.00
3.	Latin American Studies	Rs. 5,50,000.00
4.	Organisation of Conference of Director of Area Studies Centre	Rs. 60,000.00
5.	Major Research Project Dr. S. Mavinkurve	Rs. 29,400.00
6.	Master of Management Studies	Rs. 6,60,000.00
7.	Financial Assistance for setting up Central Computing Facility	Rs. 10,00,000.00

(C) The following grants have been received from the Central Government Departments and other agencies for the year 1993-94 (Names of the individual members connected with the project are indicated in the bracket):

1.	Council of Scientific & Industrial Research	CSIR Fellowship	Rs. 1,40,175.00
2.	-do-	Project on Interaction (Dr. S. Mavinkurve)	Rs. 19,249.00
3.	-do-	Development of Industrial & Auto- Exhaust gas treatment catalyts (Dr. A.V. Salkar)	Rs. 26,320.00

4.	Council of Study of Invari-Scientific & Industrial Research (Dr. Jayanthan)	Rs. 15,000.00	
5.	Dept. of Research Science & Projects:- Technology		
	a) Dr. K. Mahender	Rs. 15,000.00	
	b) Dr. S. G. Tilve	Rs. 25,000.00	
	c) Dr. A.G. Dessai	Rs. 2,00,000.00	
	d) Dr. Ram Ballav Roy	Rs. 1,80,000.00	
	e) Dr. N. Chandrasekhar	Rs. 70,000.00	
	f) Dr. Y.S. Prahlad	Rs. 2,95,020.00	
6.	Dept. of Environ-ment Fo rest & Wild Life	Research Project (Dr. C. L. Rodrigues)	Rs. 79,240.00
7.	Dept of Atomic Energy	Genetic Studies on Pseudomonous (Dr. S. Mavinkurve)	Rs. 45,000.00
8.	Dept. of Atomic Energy	Library Books for Dept. of Mathematics	Rs. 50,000.00
9.	Indian Council of Philosophical Research	Fellowships to Mrs. Milan Dessai	
10.	Dept of Bio-technology	Application of Natural & Recombinant Micro-organisms to Biosurfactant production, oil spill degradation & control (Dr. U.M.X. Sangodkar)	Rs. 1,05,000.00
11.	Shastri Indo-Canadian Institute	Development of Indo-Canadian Studies in University	Rs. 20,000.00
12.	Indian Council of Social Science Research	Research Project (Dr. M. H. Assadi)	Rs. 13,500.00

13. Department SERC Visiting of Science Fellowship to & Techno- Dr. S.G. Tilve logy. Rs. 10,500.00

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 enriched year after year. Today, the total collection has reached to 71,100 volume of books, covering a number of disciplines under Humanities, Science and Social Sciences, and a wide range of subjects like Philosophy, Sociology, Politics, Economics, Education, Languages and Literature in English, Hindi, Marathi, Computer Science, Physics, Chemistry, Geology, Marine Science, Microbiology, Zoology, Botany, Bio-Technology, Management Studies, Arts, History and Biographies.

The Library has a separate journal section which subscribes to 434 journals some journals are also received as gratis. Besides, the library consists of several dissertations. In addition, the special needs of Historical Research are catered 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.

(D) The following have been received from the State Government for the year 1993-94.

1.	Goa State Council for Science	Survey & Identification edible Mushrooms of Goa- (Dr. S. Mavinkurve)	Rs.	70,500.00
2.	-do-	Research & Development of Fuel Cell - (Dr. J. B. Fernandes)	Rs.	47,600.00
3.	-do-	Studies in improving garbage system in Goa. (Dr. Joe D'Souza)	Rs.	59,000.00
4.	Goa State Council for Science	Survey, Screening & Selection of Metal Tolerant (Dr. B.F. Rodrigues)	Rs.	46,600.00
5.	Goa Govt. Grant-in-Aid	Construction of Glass House & Accessories	Rs.	3,17,000.00
6.		Development of Geological Museum	Rs.	25,000.00

- a) About 610 books from the heirs of Prof. Vithalrao Sukhtankar.
- b) About 80 books in Portuguese from Dr. Shridhar Tamba.
- c) A collection of about 467 books in Philosophy (of Prof D. Andrade's Collection from the Bombay Philosophical Society, Bombay).
- d) About 519 books in Portuguese mainly concerned with Portuguese Literature of the 19th Century from Advocate Paul Mascarenhas in the memory of his late father.
- e) About 146-149 books in French and Portuguese from Prof. G.V. Kantak.

Collection of books\periodicals etc. No. 721 donated by Shri Carmo Azavedo on Goa and by Goan authors.

- g) About 324 books mostly on Ayurveda from Dr. Raghuvir P. Sinari.
- h) A collection of books numbering 289 in Portuguese from Shri Xavier De Monte Furtado.
-) A collection of books numbering 1676 mostly Marathi from Shri Wamanarao Kundaikar.
-) A collection of 125 books mostly Portuguese from the Xavier Centre for Historical Research, Porvorim.

- k) A collection of 68 books and some periodicals mostly in Portuguese from Gulbenkian Foundation through Embassy of Portugal in India.
- l) A collection of about 499 books and magazines from Bertha Menezes Braganza.
- 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.
- 1³) A collection of about 585 books mostly in Philosophy from Dr. G.N. Lawande.
- q) A collection of about 150 books donated by Dr. B. Sheik Ali.
- r) A collection of about 244 books donated by Dr. P.R. Dubhashi.
- s) A collection of about 206 books donated by Dr. S.K. Gandhe.

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

Also the USIS Library, Alliance Franciase and W.H.O., British Council Library donate books regularly to the University Library. This include 190 books especially in Latin American Studies in the USIS Collection. They are in Spanish.

II. Working Days:

The Library is kept open for all the days except Sundays through 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 examination days, the Library is kept open even on Sundays and Public Holidays.

The normal timings of the Library are 9.00 a.m. to 6.00 p.m. on week days and 10.00 a.m. to 5.30 p.m. on 1st, 3rd and 5th Saturday of the month.

III. Readers and use of Library:

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

Teachers and students of the local colleges are

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

The Library continue to received presentation of books/periodicals from number of persons and institutions.

IV Other Materials:

Goa University Library has a collection of maps and audio video/cassettes.

Bibliographical and Documentation Services:

Bibliographies of reading materials available in the Library were compiled and supplied on demand to staff members on special subjects. A list of latest addition of books is circulated to the University Departments. Recently, an exhaustive list of periodicals holdings of the Library has been published. A Library hand-book giving details about the Library collection etc. has also been published. Exhaustive list of articles on Goa appearing on various journals is getting ready.

Recently Library has acquired PC/AT-386 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 of the University Library.

Classifications and Cataloguing:

Books are classified according to Dewey Decimal Classification and subject and author (Main) catalogue are maintained. There are separate catalogue for collections. Moreover, the Library collection (Books & Journals) is on computer now. Serious Reader/Research students can avail the facility of having a print of the holdings of the Library: authorwise, subjectwise, etc.

Activities:

An exhibition of books was held in the Library during November, 1993 to mark the 'National Book Week' having a theme 'Role of Information in Environmental Conservation' and reference books.

Participation in Seminars/Conferences/Workshops:

1. V.R. Navelkar & Vivek Pissurlekar attended the 39th ILA Conference held at Bangalore during January 7 to 10, 1994.

2. V.R. Navelkar attended workshop "New Computer based libraries"

held at I NFLIBNET Programme, Ahmedabad during 10-22 Feb. 1994.

STUDENTS ACTIVITIES

A. Sports Section of the Goa University had another active year of sports and games.

The various schemes of the Department of Sports were implemented in a systematic and effective manner, so as to boost the level of performance of our talented University sportsmen and attain positive results at the Inter-University competitions.

As in the last year, this year also the Inter-Collegiate competitions for Men & Women were organised in the sports disciplines given below:

1. Badminton (Men & Women)
2. Table-Tennis (men & Women)
3. Weight Lifting
Power Lifting Men
Best Physique
4. Football (Men & Women)
5. Kabaddi (Men & Women).
6. Volleyball (Men & Women)
7. Basketball (Men & Women)
8. Chess (Men & Women)
9. Cross-Country (Men & Women)
10. Hockey (Men & Women)
11. Cycling (Men)
12. Tennikoit (Women)
13. Athletic (Men & Women)
14. Handball (Men & Women)
15. Tennis (Men)
16. Judo (Men)
17. Cricket (Men & Women)
18. Kho-Kho (Men & Women)
19. Swimming (Men & Women)

The Closing Ceremony of every event was organised in an auspicious manner by presenting Trophies, Medals and Certificates to the Winners of the Competitions at the hands of eminent personalities in the field of Education, games and sports.

The VIII Goa University Athletic Meet was held at Campal Sports Complex. The Vice-Chancellor Dr. P.R.

Dubhashi, Goa University was Chief Guest for the opening ceremony which was presided over by the Registrar Dr. A.K. Heblekar.

PARTICIPATION IN INTER-UNIVERSITY COMPETITIONS:

The Goa University deputed three (3) teams to participate in the Inter-University tournaments during the year 1993-94, in the disciplines given below :-

1. Football (Men & Women)
2. Athletic (Men & Women)
3. Cricket (Men)

The teams were selected by duly nominated selection committees comprising sports and eminent personalities from the respective sports disciplines.

ORGANISATION OF ALL INDIA INTER-UNIVERSITY WOMEN FOOTBALL TOURNAMENT:

The Goa University organised successfully the All India Inter-University Women's Football Tournament at Pt. Jawaharlal Nehru Stadium, Fatorda, Margao.

B. NATIONAL SERVICE SCHEME

THE MOTTO:

The motto on watch word of the N.S.S is "NOT ME BUT YOU". This expressed the essence of democratic living and upholds the need for selfless service and appreciations of the other 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 NSS to demonstrate this motto in its day-to-day programme.

With a view to keep the above objectives in mind, the Goa University has enrolled 3000 volunteers from different colleges in Goa for the regular activities and 1500 for special camping programme.

Regular activities undertaken during the year 1993-94 are as follows:

1. Lecture & discussion on **the Evil of Dowry**.
2. Literacy rally & meetings in adopted village.
3. Celebration of Independence Day & Sadbhavana Diwas.
4. Planting 600 trees & collection funds for Vivekanand Bharat Parikrama.
5. Archeological 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 1993 at New Delhi.

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

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

Goa University has constituted the following students bodies, in order to administer the activities of the students:

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

ACTIVITIES:

1. Participation in National Culture Exchange Programme (India Unifesto '93), organised by West Zone Cultural Centre, Udaipur in July '93 at Madras.
2. Telequiz on Panaji T.V. Centre in September '93.
3. Inter-Collegiate Debating Competition on Co-operation in September, '93.
4. Participation in National Debating on Co-operation, organised by Council for Co-operative Training, New Delhi in October, 93 at Mysore.
5. Organisation of National Seminar on "Students Services" in collaboration with Association for Students' Services of Indian Universities (National Association of the Directors of Students' Welfare in

Indian Universities) in October '93.

6. Organisation of group discussion on "Dowry System and Allied Women Problems", in association with Anti Dowry Movement, Bombay in December '93.
7. Participation in Inter University Youth Festival (West Zone) organised by Association of Indian Universities, held at Amravati and won first prize in Western Music (Solo), second prize in Western Group Singing and first prize in Rangoli, November, '93.
8. Participation in Inter-University (National) Youth Festival organised by AI U at Kruksheeta in February '94 G.U. team won first prize in Western Music (Solo) and first prize in Western Group Singing.
9. Organisation of Sitar Recitation of Padma Bhushan, Prof. Debu Chaudhary, Dean of the Faculty of Music, University of Delhi in February '94.
10. Organisation of Inter-University Quiz Contest (West Zone) on National Heritage of India, sponsored by Association of Indian Universities in February '94.
11. Participation in Inter-University Elocution Competition, organised by Anti-Dowry Movement, Bombay in January '94.
12. Organisation of University Inter-Collegiate Youth Festival at Farmagudi, Ponda, Mapusa and Quepem in January '94.
13. Participation in Inter Collegiate One Act Play competition, organised by Kala Academy in January '94.
14. Organisation of University Inter Faculty Youth Festival for Post Graduate Students' in February '94.
15. Organised leadership development camp for University students in January '94.

Dr. T.D. Halarnakar, Director, Students' Welfare

Participated in the seminar on "HEALTHY LIFE STYLES", organised by Tata Institute of Social Sciences, Bombay in July '93.

Delivered a lecture on "THE LIFE AND TEACHING OF SWAMI VIVEKANAND" for N.S.S. students of Dempo College of Commerce & Economics, Panaji, in September '93.

Delivered lecture on "ORGANISATION OF CULTURAL PROGRAMMES IN EDUCATIONAL INSTITUTIONS" for NSS students in Angle Higher Secondary School, Canacona in November '93.

Represented Goa University in Inter-University Youth Festival, organised by AIU at Amravati in November '93.

ANNEXURE - I

List of the Members of the Executive Council
(As on June, 1993)

- | | |
|---|--------------------------|
| 1. Vice-Chancellor
Goa University | Chairman
(Ex-Officio) |
| 2. Dr. B.N. Desai
Director,
National Institute of
Oceanography,
Dona Paula, Goa. | -Member |
| 3. Shri A.P. Bhatikar
Chairman,
Mormugao Port Trust,
Mormugao, Goa. | - Member |
| 4. Professor K.J. Mahale
C/o Dr. Kiram Khanolkar,
Deluxe Apartments,
Tonca, Cazanralem,
Goa 403 002 | - Member |
| 1. Shri Shivanand Salgaonkar
Industrialist,
Vasco-da-Gama, Goa | - Member |
| 2. Adv. Gurudas V Naik
Menino Building,
Ponda, Goa. | - Member |
| 3. Professor A.H. Doctor
Dean,
Faculty of Social Sciences,
Goa University. | -Member |
| 4. Dr. V.J. Monteiro
Dean,
Goa Medical College,
Bambolim, Goa. | - Member |
| 5. Shri D.,V. Borkar,
Principal,
Shree Damodar College of
Commerce & Economics,
Margao, Goa. | - Member |
| 6. Dr. S.K. Paknikar
Professor of Chemistry,
Goa University. | - Member |

- | | |
|--|--------------------------------------|
| 11. The Secretary (Finance)
Government of Goa,
Secretariat, Panaji, Goa., | -Member
(Ex-Officio) |
| 12. The Secretary (Education)
Government of Goa,
Secretariat, Panaji, Goa. | - Member
(Ex-Officio) |
| 13. The
Registrar
Goa University | -Member
Secretary
(Ex-Officio) |

ANNEXURE - 11

List of the Members of the Academic Council
(As on June, 1993)

- | | |
|---|--------------------------|
| 1. Vice-Chancellor
Goa University | Chairman
(Ex-Officio) |
| 2. D e a n ,
Faculty of Natural Sciences,
Goa University. | -Member
(Ex-Officio) |
| 3. D e a n ,
Faculty of Life Sciences &
Environment,
Goa University. | - Member
(Ex-Officio) |
| 4. D e a n ,
Faculty of Medicine | - Member
(Ex-Officio) |
| 5. D e a n , Faculty of
Social Sciences | - Member
(Ex-Officio) |
| 6. D e a n ,
Faculty of Engineering &
Architecture | - Member
(Ex-Officio) |
| 7. D e a n ,
Faculty of Law | - Member
(Ex-Officio) |
| 8 Dean,
Faculty of Performing Art &
Music | - Member
(Ex-Officio) |
| 9. Dean,
Faculty of Languages | - Member
(Ex-Officio) |

10 .	Dean , Faculty of Commerce	- Member (Ex-Officio)	21.	Dr. B.A. Gomes, Principal, Govt. College of Arts, Science & Commerce, Sankhalim, Goa.	- Member
11 .	Dean , Faculty of Management Studies	- Member (Ex-Officio)			
12 .	Dr. R.B. Prabhu, Professor, Deptt. of Physics,	- Member	22.	Dr. K.M. Mathew, Reader, Deptt. of History, Goa University.	- Member
13,	Dr. V.N. Kamat Dalai Professor Deptt. of Chemistry, Goa University	- Member	23.,	Dr. J. S. Budkuley, Reader, Deptt. of Chemistry, Goa University.	- Member
14.	Dr. U.M. X. Sangodkar Professor, Dept. of Marine Sciences, Goa University	- Member	24	Dr. (Snnt.) S. M. Noronha, Lecturer, Deptt. of Economics, Goa University.	- Member
15.	Dr. V. Shivkumar, Professor, Centre for Latin American Studies, Goa University.	- Member	25.	Dr. M. Ganesh Lecturer, Deptt. of Mathematics, Goa University.	- Member
16.	Dr. S. K. Paknikar Professor, Deptt. of Chemistry, Goa University.	- Member	26.	Dr. I.K. Pai, Lecturer, Deptt. of Zoology, Goa University.	- Member
17.	Shri D.S. Bhende, Principal, S.S. Dempo College of Commerce & Economics Altinho, Panaji.	- Member	27.	Shri Suresh Krishna Naik Smt. Parvatibai Chowgule Cultural Foundation's College of Arts & Science, Margao, Goa.	- Member
18.	Dr. (Miss) Z. Pabani Principal, Goa College of Home Science, Campal, Panaji.	- Member	28.	Dr. Gorakh Nath Mishra, Dhempe College of Arts & Science, MI ramar, Panjim, Goa.	- member
19.	Shri V.R. Shrigurkar Principal, Smt. Paravatibai Chowgule College of Arts & Science, Margao, Goa.	- Member	29.	Dr. Shyam Behari Dixit Professor, Goa Medical College, Bambolim, Goa,	- Member
20.	Shri P. N. Timble Principal Govt. College of Arts & Commerce, Quepem, Goa.		30	Dr. Atchut Balchandra Shanbag Reader & Head, Deptt. of Zoology, Goa University.	- Member

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|--|---------------------------------------|---|----------|
| 31. Shri Ganpat Govind Bhakle
St. Xavier's College,
Mapusa, Goa. | - Member | Dean,
Faculty of Fine & Performing Art,
Goa College of Music,
Kala Academy, Campal, Panaji. | |
| 32 The Director of National Institute
of Oceanography Dona Paula,
Goa. | -Member
(Ex-Officio) | 5. Dr. (Miss) S. Mavinkurve,
Professor of Microbiology,
Goa University. | - Member |
| 33. Dr. R.A. Mashelkar,
Director,
National Chemical Laboratory,
Poona. | - Member | 6. Dr. A.K. Joshi,
Professor of English
Goa University. | - Member |
| 34. Dr. N. Nag.
Director,
Indian Institute of Technology,
Powai, Bombay. | - Member | 7. Dr. S.K. Paknikar,
Professor of Chemistry,
Goa University | - Member |
| 4. Shri C.S. Naringrekar, | - Member
- Member | | - Member |
| 35. Dr. S.K. Gandhe,
Pro-Vice-Chancellor,
Indira Gandhi National
Open University,
New Delhi. | | 8. Dr. R.B. Prabhu,
Professor,
Dept. of Physics,
Goa University. | |
| 36. The Deputy Librarian
Goa University | - Member
(Ex-Officio) | 13. Dr. V.N. Kamat Dalal,
Professor of Chemistry,
Goa University | - Member |
| 37. The Registrar,
Goa University | - Member
Secretary
(Ex-Officio) | 14. Dr. V. Shivkumar,
Professor,
Centre for Latin American
Studies, Goa University. | - Member |
| | | 15. Dr. U.M.X. Sangodkar,
Prof. of Marine Biotechnology,
Goa University. | - Member |
| | | 16. Dr. (Miss) Zahira Pabani
Principal,
Goa College of Home Science,
Dayanand Bandodkar Road,
Campal, Panaji. | - Member |
| | | 13. Shri Cajetan P. Fernandes
Principal,
Xaverian Educational Society's
Fr. Agnel College of Arts &
Commerce, Pilar, Goa. | - Member |
| | | 14. Shri D. L. Naik
Principal,
C.E.S. College of Arts & Commerce,
Cuncoim, Salcete, Goa. | - Member |

ANNEXURE-111

List of the Members of the Court (As on June, 1993)

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|--|--------------------------|--|--|
| 1. Vice-Chancellor
Goa University | Chairman
(Ex-Officio) | | |
| 2. Dr. S.G. Deo,
Dean,
Faculty of Pure Sciences,
Goa University. | - Member | | |
| 3. Shri M.N. Samant,
Dean,
Faculty of Law,
M.S. College of Law, Panaji. | -Member | | |

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|-----|--|----------|-----|--|--------------------------|
| 15. | Dr. J.B. Fernandes,
Principal
Govt. College of Arts & Commerce,
Khandola, Marcela, Goa. | - Member | 28. | The President,
Dhempe Charities Trust,
Dempo House,
Campal, Panaji, Goa. | - Member |
| 16. | Shri G.G. Mayekar,
Principal,
V.N.S. Bandekar College of
Commerce, Mapusa, Goa. | - Member | 29. | The Vice President
Chowgule Education Society,
Mormugao Harbour, Goa. | - Member |
| 17. | Shri Satish G. Hegde,
Dept. of Management Studies,
Goa University. | - Member | 30. | The Chairman,
University Students Council,
Goa University. | - Member
(Ex-Officio) |
| 18. | Dr. Pallavolu M. Reddy
Dept. of Marine Bio-Technology,
Goa University. | - Member | 31. | Admiral Jayant Nadkarni (Retd),
B-341 Clover Garden,
4, Naylor Road, Pune 411 001 | - Member |
| 19. | Shri Errol Peter D'Souza,
Dept. of Economics,
Goa University. | - Member | 32. | Prof. D. B. Wagh,
249 Shaila Telang Road,
Matunga, Bombay - 19. | - Member |
| 20. | Shri Kashinath G. Hiremath
Dhempe College of Arts &
Science, Miramar, Panaji. | - Member | 33. | Shri Ramesh Pai
Chairman
T.A. Pai Foundation,
Manipal, Karnataka. | - Member |
| 21. | Shri Suhas J. Godse,
Dhempe College of Arts &
Science, Miramar, Panaji | - Member | 34. | Dr. D.R. Sardesai
President,
The Asiatic Society of Bombay
10-A Lands End,
Malbar Hill,
Bombay 400 006. | - Member |
| 22. | Dr. Vinay N. Jindal,
Deptt. of Neuro Surgery,
Goa Medical College,
Bambolim, Goa. | - Member | 35. | Shri Shambu Bhau Bandekar
Ex-Dy. Speaker,
H.No. 4/16-A, Tabrawado,
P.O. Saleigao, Bardez, Goa. | - Member |
| 23. | Dr. Pawan Kumar Chandra
Goa Dental College &
Hospital, Bambolim, Goa | - Member | 36. | Shri Tukaram Gaunkar
Principal,
Higher Secondary Section,
P.E.S. College,
Farmagudi, Ponda, Goa. | - Member |
| 24. | Smt. Maria Luissa A.J. Valladares
Carmel College for Women,
Nuvem, Goa. | - Member | 37. | Smt. Nirmala Sawant
Marcela, Goa. | - Member |
| 25. | Shri Ulhas G. Shetye,
Melquides Building,
Fr. Joseph Vaz Road,
Vasco-da-Gama, Goa. | - Member | 38. | Smt. Suman Pednekar
Principal,
District Institute of
Education & Training,
Alto Porvorim, Goa. | - Member |
| 26. | Shri C.S. Gokhale,
College of Engineering,
Farmugudi, Goa. | - Member | | | |
| 27. | Shri Armando B. Coelho,
St. Xavier's College
Mapusa, Goa. | | | | |

39. Shri D.P. Pednekar, Deputy Registrar Goa University. – Member
40. Registrar, Goa University – Member Secretary (Ex-Officio)

3. Secretary (Education) Govt. of Goa, Secretariat, Panaji, Goa. - Member (Ex-Officio)
4. Secretary (Finance) Govt. of Goa, Secretariat, Panaji, Goa. - Member (Ex-Officio)
5. Shri A.P. Bhatikar, Chairman, M.P.T. Mormugao, Goa. - Member

ANNEXURE -IV

List of the Members of the Planning Board
(As on June, 1993)

1. Vice-Chancellor Goa University Chairman (Ex-Officio)
2. Dr. S.C. Gupte Vice-Chancellor, University of Poona, Ganeshkhind, Pune. – Member
3. Dr. S.G. Deo, Dean Faculty of Pure Science, Goa University - Member
4. Dr. V.A. Pal Panandikar Director, Centre for Policy Research New Delhi. – Member
5. Dr. Rame Gowda, Vice-Chancellor, Karnataka University, Dharwad. - Member
6. Registrar Goa University - Member Secretary (Ex-Officio)

6. Dean, Faculty of Commerce & Management Studies, Goa University. - Member (Ex-Officio)
7. Shri V. B. Prabhu Verlekar Chartered Accountant, Panaji, Goa. - Member
8. Finance Officer Goa University - Member Secretary.

ANNEXURE-V

List of the Members of the Finance Committee
(As on June, 1993)

1. Vice-Chancellor Goa University Chairman (Ex-Officio)
2. Registrar Goa University – Member (Ex-Officio)

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 Science & Technology

4. Faculty of Life Science & Environment

- 4.1 Department of Botany
- 4.2 Department of Zoology
- 4.3 Department of Microbiology
Department of Marine Sciences & Marine Biotechnology
- 4.4

5. Faculty of Commerce

- 5.1 Department of Commerce

- 5. Smt. Kiran J. Budkuley Lecturer
M.A.
- 6. Shri A.R. Fernandes Lecturer
M.A., M.Phil.

Visiting Teachers:

1. Dr. S.B. Gokhale, Reader, University of Pune visited the Department in September 1993. He delivered eight lectures to M.A. students (Part I) on Paper EN CI: Linguistics.
2. Dr. M.S. Malshe, Associate Professor, Indian Institute of Technology, Bombay visited the Department in September 1993. He delivered six lectures to M.A. students (Part I) on Paper **En CI**: Linguistics
3. **Dr. B.V. Nemade**, Gurudev Tagore Professor of Comparative Literature, University of Bombay, visited the Department in September 1993. He delivered a series of ten lectures to the M.Phil. Part I students on Paper I : (b) Language Teaching and Testing.

Details of Research Students:

6. Faculty of Management Studies	Name of the Guiding Teacher	Guiding Teacher students	Ph.D.
6.1 Department of Management Studies	1. Dr. A.K. Joshi	5	1
	2. Dr. A. B. Patil	5	
	3. Dr. F.A. Fernandes	4	
	4. Smt. A.P. Vashishta		
	5. Dr. K.S. Bhat		1

II University Centres

1. Centre for Latin American Studies
2. Centre for Women's Studies

III. Academic Staff College

IV. Konkani Encyclopaedia.

1. Ms. Sheila Pereira completed her M.Phil. in English during the academic year. She worked under the guidance of **Dr. A.K. Joshi**, Professor and Head of the Department.

2. Ms. Isabel **I** Dennis completed her **M. Phil** in English during the academic year. She worked under the guidance of **Dr. F. A Fernandes**, Reader & Off. Director, Academic Staff College, Goa University.

1.1 DEPARTMENT OF ENGLISH

Teaching and Research Staff:

- 1. Dr. A. K. Joshi Professor & Head
M.A., Ph. D.
- 2. Dr. Anand B. Patil Reader
M.A., Ph.D.
- 3. Smt. Anita P. Vashista Lecturer
M.A. M.Phil.
- 4. Dr. K.S. Bhat Lecturer
M.A., Ph.D.

Research Project:

Dr. A. B. Patil

1. Dr. S. G. Malshe Research Fellowship (of Rs. 3000/-) awarded by the SNDT Women University, Bombay for the Research Project "A Comparative Study of the Nineteenth Century Literature in British Bombay and Portuguese Goa."

Visitors to the Department

1. Professor R.B. Patankar, former Head of the Department of English, University of Bombay visited the Department. He delivered a lecture on "Literature, Literary Criticism and Aesthetics" on 24th August 1993.

2. Two Canadian Professors namely Dr. Adeena and Dr. Janice Williams from the University of Alberta in Edmonton visited the Department in 17th January 1994. Dr. Adeena delivered a lecture on "Feminism and Post Modernism". The Programme was conducted in English Lecture Hall and the Academic Staff College Lecture Hall respectively.

3. The UGC Panel on English and Foreign Languages visited our University for its two-day meeting and the teachers of the Department had a special meeting with the panel.

Participation in Seminars, Conferences & Workshops

Dr. A.K. Joshi

1. Participated in Seminars at Dhule, Kanakavlli, Margao and in some Seminars organised at Goa University.

Dr. A. B. Patil

1. Participated in the Indo-British Symposium on Literary Translation sponsored by the British Council and HINDU at Madras: 5th to 9th April 1994; Presented a paper entitled "An Author in Search of Translators/Translations".

2. A Paper entitled "A Comparative Study of Colonial/partial neo-Colonial Discourse in two Goan Novels" was accepted for presentation at the Sixth International Commonwealth Conference held at Hyderabad - 4th October 1993. It is published in ARIEL (Canada).

3. Participated at 7-Day Workshop on Folklore conducted by CII L, Mysore and the Department of Sociology at Goa University between 6th - 12th December, 1993.

4. Presented a paper on the Indian response to "John Updike's A Sandstone Farmhouse" at the discussion programme on the American Short Story organised by the Department of English, Goa University and USIS, Bombay on 27th July, 1993.

5. Attended the following Seminars:

a) Hindi Sahitya Sangosti - 8th August, 1993.

b) The Konkani Writers' Gathering- 22nd August 1993.

c) Two-day seminar on Rahul Sankrutyan organised by the Department of Hindi, Goa Univer-

sity - 27th Sept. 1993.

d) One-day seminar on Socio-economic Issues in Canada organised by the Department of History, Goa University on 4th March 1994.

Mrs. Anita P. Vashishta

1. Attended a Refresher Course in English at Goa University from August 16 - September 6, 1993. Presented a paper "The dialectic of the Other".

2. Contributed a paper on Joyce Carol Oates entitled "The Swimmers" by the Department of English, Goa University and USIS, Bombay on July 27, 1993.

3. Delivered a lecture at Dhempe College of Arts and Science, Miramar on "Colonial and Post Colonial Literature" in November 1993.

4. Delivered two lectures at Chowgule College, Margao on "Approaches to Feminism and Colonialism", in January 1994.

Dr. K.S. Shat

1. Attended a National Workshop on "Metaphor in Philosophy and Truth in Literature" held at Simla Institute of Advanced Studies in September 1993 and presented a paper entitled "Literature as an Unruly Metaphor: From Ontology to History".

2. Attended a National Seminar on "Indian Folk Theatre" at Pune in October 1993 and presented a paper entitled "Yakshagana and the Discourse of Modernity."

3. Attended an International Conference on "Russian Formalism, Modern Literary Theories and Indian Poetics" organised by Delhi University at Delhi in March 1994, and presented a paper entitled "Problematizing Literariness".

Smt. K.J. Budkuley

1. Panelist for a Book-Discussion programme on the O'Henry Awards Winning Stories 1991, organised jointly by the Department of English, Goa University and USIS on 27/9/93. Presented a paper on "Contemporary American Short Story".

2. Attended a Conference of English-Teachers held at Goa University on 11/12/93. Participated in the discussion on the Restructured Syllabus at the Under-graduate level.

3. Participated in a Seminar organised by the Konkani Department of Goa University on 'Contemporary Konkani

Literature : An Evaluation', on 25-26, November 1993. Attended II Refresher Course in English held at the Academic Staff College, Goa University from 7/01/94 to 24/02/94. Presented a paper entitled 'Contending with Textual Reality'.

5. Attended a two day seminar organised by the Marathi Department of Goa University in 1980-90: Marathi Literature of the last Decade on 28/2/94 and 01/3/94.

6. Participated in a ten-day Workshop on Lexicography organised jointly by the Central Institute of Indian Languages (CI IL) Mysore, and Department of Konkani, Goa University, in March 1994.

Shri A. R. Fernandes

1. Presented a paper on the O'Henry Awards Prize Winning Stories in a Book Discussion programme organised by the Department of English and USIS, Bombay, on 27th July, 1993.

2. Participated in the Workshop on Folklore December 6 - 12, 1993, organised by the Department of Sociology, Kala Academy, Goa Konkani Academy and CI IL Mysore.

3. Participated in the X International Canadian Studies Conference held at Goa University from May 10 to May 13, 1994.

4. Attended the 32nd Orientation Course at the Academic Staff College, Goa University from May 20 - June 16, 1994.

Publications:

Dr. A.K. Joshi

Marxist Feminists (in Marathi) **Shrivani** Oct. 1993 Issue.

2. The manuscript of a translation of **Bertolt Brecht on Theatres** was completed during the academic year and sent to the Publisher.

Dr. A.B. Path!

Books published in English:

1. Western Influence on Marathi Drama, Panaji: Rajhauns Vitaran 1993, p.330, Rs. 300/-

Books published in Marathi

1. Marathi Natakawaril Ingraji Prabhav, Bombay: Lokwangmay Graha, 1993,

Popular Articles:

Short Stories published in Marathi and translated in other languages.

1. Katha Eka Patrachi Anushthubh, April 1993.

2. "Khanda", **Pratisthan**, May 1993.

3. "Chakradharachi Kahani" **Gomantak Diwali**, Nov. 1993.

4. "Sawalat Puram", **Anushthubh Diwali**, Nov. 1993.

Translations:

1. My story "Gudara" in Marathi - published in **Marathawada Diwali** (1992) is selected and translated for the representative anthology Bhartiya Kahaniya in Hindi published by Dnyanpeeth Prakashan, New Delhi.

2. '**Phugadya**' (published in Satyakatha, 1980) is translated by Satyadeo Tripathi in Hindi for the anthology published by the National Book Trust

Articles published in English:

1. 'The Whirligig of Taste: Impact of Alienation?' **Indian Literature**, Aug, 1993.

2. Can Creative Writing be Taught or Caught? '**VIDYA**' published by Chowgule College, Margao, Goa, 1994.

Articles published In Marathi:

1. 'Russion Pretgharatil Ek Brahman **Lalit** May 1993.

2. 'Sthalantarachya Don Kavita' **Samaj Probodhan Patrika** Diwali, Nov. 1993.

3. "A Maggot" chya Nimitthane **ek Panchanama'**, **Rasik Diwali** Nov. 1993.

4. Entries on Balzac and Brecht contributed to the **Konkani Encyclopaedia**.

Smt. A.P. Vashishta

Book Review - "A Long Journey" - **Goa Today**, October 1993.

Dr. K.S. Bhat

1. 'The Politics of Reading and the Birth of a Classic: Juxtaposing Moll Flanders with If Tomorrow Comes' published in **Punjab University Research Bulletin Vol. 23 No. 2 Oct. 1992.**

2. "Literature as an Unruly Metaphor: From Ontology to History" to be published by Inter-University Centre in an anthology edited by Prof. Sunder Rajan.

3. "Yakshagana and the Discourse of Modernity" to be published by Centre for South Indian Studies: New Perspectives on South India's Culture, History and Living.

4. "Problematizing Literiness" to be published by Delhi

University in an anthology edited by Abhay Maurya.

Smt. K.J. Budkuley

1. Konkani: 'Vidyarthi Yuva Mel: Ek Niyal' in **Sunaprant** 23/01/94
2. "Athwya Vollerant Konkani: Kain Ugdas, Kain Shitkovnyo", **Suna prant**.
3. Kavya Kshitijavaril Kavya Pakhran: Kshitjrang in **Gomanta k**, 24/01/94.

Any other Details:

Dr. A.K. Joshi

1. **Invited** as a U.G.C. Visiting Fellow at Shivaji University Kolhapur for a period of two weeks in January 94.
2. Worked in the capacity of Dean of Faculty of Languages on several bodies and committees of the University.
3. Organised a seminar on undergraduate syllabus in English at Goa University.
4. Did the organisation of academic sessions of the Annual Conference of Indian Association of American Studies in May '93.
5. Organised an intensive Certificate Course in German at Goa University in collaboration with the Max Mueller Bhavan, Bombay.
6. Worked as co-ordinator for two Refresher Courses in English.

Dr. A.B. Patil

Radio talks broadcast in the special series "Expression of Reality in Commonwealth Writers" arranged by AIR Panaji, 12 minutes

1. Expression of Reality in R.K. Narayans Novels, 24 June '93, 9.15 p.m.
2. Expression of Reality in V.S. Naipaul's Works 16 Dec. '93.
3. Expression of Reality in Derek Walcott's Writings 10 March '94.

Lectures and addresses etc.

1. Inaugurated the Literary Association at Ajara College, Ajara, District Kolhapur and delivered a speech in Marathi on writing of a travelogue 5th Sept. '93.
2. Two lectures in English a) Teaching of Shakespeare's plays (b) Study of literary text in the historical context in one-day seminar held at the P.G. Centre of Kanakawali

College, Dist. Sindhudurg - 5th Dec. '93.

3. Worked as a Resource person for the one-day Workshop on Creative Writing organised by Smt. Parvatibai Chowgule College, Margao, Goa on Dec. 20, 93.

4. A public speech delivered at the Parent-Teachers Meeting in Balbharati Vidyamandir, Ribandar, Oct. 9, 1993.

5. Delivered two lectures on "Marathi Natalawaril I ngraja Prabhav" in the Department of Marathi, Goa University.

6. Delivered lectures on several literary topics at the Refresher/Orientation Course conducted by the Academic Staff College of Goa University.

7. Appointed as a Reviwer for **New Quest**.

8. Interviewed by Madhav Patil for his M. Phil. dissertation on 'Anand Path's **Kagud ani Sawall**'. The M. Phil Dissertation is submitted to the Shivaji University.

9. Expert on the Committee, Maharashtra Sahitya Sanskriti Mandal.

Shri A.R. Fernandez

1. Member of the Goa University Committee for Economic Co-operation.

Any other Details:

1. The Department of English in collaboration with the USIS, Bombay organised a Book Discussion Programme on 'The O'Henry Awards Prize Winning Stories 1991', The Programme was held on 27th July, 1993 at the Arts Faculty Seminar Hall. Four teachers from the Department and two M.A. (English) students presented papers at the Seminar. On 28th July 1993 the Department also organised a video-display on American authors at the Department of Marine Science Hall.

2. Two M.A. (English) students from the Department, namely, Ms. Sonali Mujumdar and Ms. Zayra M.A. Pereira participated in the All India Paper Reading Contest held at Pune University in February '94. Ms. Zayra Pereira received third prize for her paper.

3. Ms. Zayra M.A. Pereira a student of M.A. English (Part II) was awarded the Second Prize of Rs. 7,000 in the Maulana Azad Essay Competition in English for the citizens of SAARC countries, 1993, on the subject "Maulana Azad's views on learning about Religions as a part of the National Educational System". This Essay Competition is organised annually by the Indian Council for Cultural Relations (ICCR) New Delhi.

1.2 DEPARTMENT OF HINDI

Teaching and Research Staff:

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

Visiting Teachers

1. Dr. Harimohan, Prof. & Head, Dept. of Hindi, Garhwal University, Shreenagar, Garhwal, (U.P.) visited the department in August, 1993 and delivered two lectures to M.A. (Part I & II) students under the visiting teachers programme of Central Hindi Directorate, New Delhi.
2. Prof. S.K. Mishra, Retd. Professor and Head, Dept. of Hindi, S.V. University, Vallabh Nagar, Anand, Gujrat was invited to deliver 8 lectures to M.A. (Part I & II) and M. Phil classes in Hindi in March, 1994 in the subjects - Poetry and Western Criticism.

Details of Research Students

Name of the Guiding Teacher	No of Research students	No. of Students declared successful at M.Phil/ Ph.D M.Phil/ Ph.D
Dr. B.R. Mishra	1	3
Dr. B.K. Sharma	2	3
Dr. S.R. Tripathi	5	1

Visitors to the Department:

1. Dr. Pushpal Singh, Reader, Deptt. of Hindi, Punjab University, Amritsar, visited the Department when he was on his personal visit to Goa.
2. Dr. L.D. Gautam, Reader, Dept. of Hindi, Delhi University, Delhi visited Department when he was

Participation in Seminars, Conferences and Work-

attending Canadian Literature seminar in Goa University.

shops:

Dr. B.R. Mishra

1. Conducted a workshop of all the Hindi teachers in colleges affiliated to Goa University in July, 1993.
2. Organised a seminar on Mahapandit Rahul Sankrityayan in September, 1993 in which papers were presented on the Philosophy and fiction of Rahul Sankrityayam. The Seminar was inaugurated by Dr. P.R. Dubhashi, Vice-Chancellor, Goa University.
3. Participated as an expert member in 10 day workshop at Vardha, organised by State Education Department, Goa and Hindi Sansthan, Hyderabad jointly in December, 1993 to prepare text book.
4. Presented a paper in a seminar on Samkalin Hindi Kavita Me Virod ke Swar, organised by the Department of Hindi, Somaiya College, Bombay in March, 1994.
5. Participated in 10 day workshop jointly organised by State Education Department, Goa and Hindi Sansthan, Hyderabad, in Goa in March, 1994.
6. Organised a seminar on RamkumarVarma in April, 1994 in Goa University with cooperation of Ramkumar Varma Trust, Allahabad.,

Dr. B.K. Sharma:

1. Worked as a Resource person for a workshop for Non-Hindi Neo Writers organised by Central Hindi Directorate, Ministry of Human Resource Development (New Delhi) at Raj Mahendry A.P. from 4/7/93 to 11/7/1993.
2. Presented a paper on 'Rahul Sankrityayan Ka Vision Aur Pratibadhta' in a Seminar on Rahul Sankrityana organised at Goa University on 27th Sept. 1993.
3. Presented a paper on Indology of Rahul Sankrityayan at Bhopal M.P. on 7/11/1993 in a seminar organised by Jawandee Lekhak Sangh.
4. Participated in Multi Lingual poetic symposium organised by Roopambara (Calcutta) at Oberoi Vasco on 2/10/1993.
5. Participated in poetry recitation at Multi Lingual poetry (National) Symposium of Doordarshan Kendra Panjim on 9/12/1993.
6. Presented a paper entitled Samkaleen Kavita mein

Sharwat ta on 28th January, 1994 at Bombay organised by Bombay University.

7. Participated in 'Ramkunnar Varma Sangoshty' on 18th & 19th April, 1994 organised by Goa University and the Ramkumar Varma Trust, Allahabad at Goa University Complex.

Dr. (Mrs.) Ishrat Khan:

1. Participated in a seminar on (Rahul Sanskrityan) organised by the Department of Hindi, Goa University on 23rd & 24th September, 1993.
2. Participated in a Seminar on the Literature of Ramkumar Varma organised by the Department of Hindi of Goa University and the Ramkumar Varma Trust, Allahabad on 18th & 19th April, 1994. Also presented a paper on Ramkunnar Varma Ka Itihas lekhan Eak Mulyakan.
3. Participated in a seminar and presented a paper on Rahul Sanskrityan organised by the Sahitya Sanvad and Gomanchal Hindi Vidhapeeth on 12th September, 1993.
4. Attended a Marathi seminar, organised by the Dept of Goa University in March 1994.

Dr. S.R. Tripathi

Participated and presented papers at

- i) University of Bombay, January, 1994. Sub: Sahitya Ki Prasangikata & Samkalinata. Paper: Sur Kavya ki prasangikata.
- ii) **Goa University**
Sub: Rahul Sankrityayan: Darshan Aur Sahitya
Paper: Rahulji ki Upanyasoki Itihasdristhi
- iii) **Goa University - 18th & 19th April, 1994**
Sub: Ramkumar Varma Vividh Agam

Dr. R.S. Mishra:

- 1) **Attended a seminar and presented a paper on Hindi Rastra Bhasha evam Rajya Bhasha on 5/12/93 at Kankavali College, Sindhudurg District, Maharashtra.**
- 2) **Attended** a seminar and presented a paper on Mahapandit Rahui Sankrityayan, Yatra, Sahitya evam dristi on 27-28 Sept., 1993 at the Department of Hindi, Goa University.
3. Delivered lectures for the post-graduate students in Hindi at Kankavali College, P.G. Centre (Bombay University) in the month of November, 1993. Delivered a talk on the importance of Hindi in office

at L.I.O office in Kankavali

3. Presented a paper **in a seminar on Rahul Sankrityayan in September, 1994 in Goa University.**
4. Participated in a seminar on 'Ramkumar Varma vividh Ayam' in April, 1994.

Miss Chhaya Chodankar:

1. Presented a paper on 'Ramkumar Varma aur Ekandi' in the seminar organised by Hindi Department.
2. Attended a seminar organised by Konkani Department on 'Contemporary **Konkani Literature** in the month of **November, 1993.**
3. **Attended a 10 days workshop on Lexicography** organised by the Department of Konkani and CILL Mysore.
4. Attended a workshop on folklore organised by Sociology Department Goa University in the month of Dec. 1993.
5. Attended the centenary celebration of Dr. **P.P.S.** Pissurlekar organised by the Department of History, Goa University in the month of May, 1994.

Publications

Dr. B.R. Mishra

- i) Edited the book 'Pundulipi' published by Sankalp Prakashan, Bombay in June, 1993.
- ii) Wrote an introduction for a book titled iLokmangal **Aur Sant Sahitya'** by Dr. Omprakash, Tripathi published by Lok Bharati, Allahabad.

Dr. B.K. Sharma

Book :

- i) Astitva- (short) story collection by Miling Prakashan, Hyderabad.
- ii) Karfew ke Dhabbe - Story collection by Miling Prakashan, Hyderabad.

Articles Published:

- i) Article published in Poornkumbh: Hyderabad entitled 'Atom Vishle'shan Aur Kavikarm' October, 1993.
- ii) Article published in Dakshin Bharat (Madras) December, 1993 entitled Nirgum Dhara ke Bhakton ka Pathak Samuday by **D.H.P.** Sabha Madras.
- iii) Article published in Gomanchal entitled Rahul ka Darshnik Vision evam pratibadhata in December, 1993 in Goa.

Dr. (Mrs.) Ishrat B. Khan:

Article:

"Rahul Ji ka Bhasha-Vishya Dhrishtikone" published in Gomanchal patrika September, 1993.

Dr. Satyadev Tripathi:

Book published:

"**Shivprasad Singh ka** parvati Kathasahitya" June, 1993.

Article published in Magazines:

- 1 Hans - June 1993 (1) Do gaz zamin to mil gayee Afsan-a-Jang Men (2) Aurat ke bahane Mard ki vahi Aropil Dastan.
- ii) Akshara - ANK-23-Swatantryottar Mohbhang ke Ayam
- iii) Natrang-Ank-57-EK Adad Insan ke Bahashi Badshah Banane ki Dastan.
- iv) Dastavez-Ank-61 - 'Uharkatha' (Novel) ki Samiksha.
- v) '**Dakshin Eharat**' January to March, 1994. Kalewale (Epic in Fini) Ki Samiksha.
- vi) **Dakshin** Samachar (Saptahik) 9th Nov. 1993 Shabd Charcha Bhagna & Bhang.
- vii) Gomanchal-year-1 3Ank-3-Rahul Sankriyayan ke Upanyason mein Itihasdriшти.
- viii) **Dharmyug** 1-15 February, 1993-Madhyakalinata ke Khandaharon mein Srijan ke Sans.
- ix) **Uttarpradesh** (Masik) December, 1993 - Patrakarita Baman S ahityik Patrakarita.
- x) **Saba** rang Jansatta (Saptahik) 16th January, 1994 'Katha mein Samaya ki Parakh'.
- xi) **Maharashtra** Manas - 16-30- September, 1993. Aaj Jarurat Hal Bhartiya Bhasha-divas mananeki.

Articles included in Books:

Natya Prahsikshan: Swarup aur Dishayem

Editor Vishwamohan Devaliya Natyadyapan ki Pranaliyan".

Dr. R.N. Mishra:

Books:

Sameekha: Vividh Ayam (May 1994) Published by Aman Prakashan Kanpur.

Article

-) Samsamayic Nagari stri-purish sambando ki yatarth-prasturi antata: (Upanyas).

Pandulipi editor, Dr. B.D. Mishra,

Dr. Davesh Thakur ke Vyaktivta Krititva ka Mulyankan. Publisher Sankalp Prakashan Bombay, June, 1993.

- ii) 'Maha Pandit Rahul Sankriyayan' *Gomaritak* Rashtra Bhasha Vidhapeth, Margao, Goa.
- iii) Sair kar duniya ki gaphil (Mahapandit Rahul Sankriyayan ka Ghumakkad Shtrika) August, 1993. Bharti Sansthn Jaipur.
- iv) Reetikal me shringar aur Alankriti ki Prashanata ke mul stotoki khoj. Bharatvani Masik Patrika, South India Hindi Prachar Sabha Dharwar.
- v) Dinkar ke kavye me Rashtriya evam sanskritik chetana ke swar. Hindi Sahitya Mandal partika - Masik November, 1993. Keral Hindi Sahitya Mandal Kochin.

Miss Chhaya **Chodankar:**

Article on 'Samaj Sudharak Kabir' in '**Bharatwani**'.

Popular Articles:

Dr. Satyadev Tripathi

Theatre Review:

-) Navbharat Times (Bombay) 2nd November, 1993. "Shankar Shesh Smriti Natya Samaroh".
- ii) Navbharat Times (Bombay) 28th November, 1993, Prithvi Theatre"
- iii) "Festival"
- iv) Navbharat Times (Bombay) 6th February, 1994. 'Apani Apani Kiali' (Jamilabaikalali Natak)
- v) **Jansatta** 5th January, 1994, "1993 mein Bombay ka Hindi Rangmanch".
- vi) Jansatta 23rd March, 1994. "Angreji Mein Tuglague".

1.3 DEPARTMENT OF KONKANI

Teaching and **Research Staff:**

1. Prof. (Dr.) O.J.F. Gomes Professor & Head
M.A., Ph. D.
2. Smt. P.S. Tadkodkar Lecturer
M.A., D.H.E.

3. Dr. (Smt.) Chandralekha A.D'Souza
Lecturer
M.A., B.Ed., Ph.D.
4. Smt. Madhavi Sardesai
Lecturer
M.A., M.Phil.

Contributory Teachers:

Dr. Mathes Almeida, Director, Thomas Stephens Konkani Kendra, Panaji, M.A., Ph.D. - Linguistics originally from Kundapur-Mangalore, delivered a course of 20 lectures on Kannada script, in the second term, to enable the students to read Konkani literature in that script, as part of the curriculum for Paper-V- Linguistic Study of Konkani.

Details of Research Students:

No research students were registered during the year. However, enquiries in this regard from at least three research candidates have been attended to and directions given to them. Research scholars from abroad in particular have been coming for advice and guidance, which has been readily given on a frequent basis.

Research Project:

U.G.C. has since conveyed its approval for the major Research Project of Prof. O.J.F. Gomes, entitled "Reconstruction of Old Konkani Literature" in January, 1994, and released its first instalment of Rs. 85,000/- for the purchase of P.C. with software.

He completed the reconstruction of the bare text from the archaic phonetically-worded script of the full third volume of "Vonvalleacho Mollo" of Miguel de Almeida (Garden of Sherpard) and "Sant Antonichim Acharyam" of Antonio Saldanha, two of the several Konkani prose classics of the 17th Century which are prescribed for study in paper VIII of M.A. in Konkani at the University running into 550 pages and 150 pages respectively.

Prof. Gomes gave finishing touches to the major research work on the Konkani portion of the "Medieval Indian Literature" project of the Sahitya Akademi translation and editing of 20,000 words selection of Medieval Indian Literature (Konkani) and an introductory literary survey of 10,000 words on it, as the Konkani Language Editor-cum-Adviser.

Prof. Gomes continued to contribute the final research notes on several topics for Vol. VI of the "Encyclopaedia of Indian Literature" of the Sahitya Akademi (New Delhi) and also served as Editor-cum-Advisor for the said volume of the Encyclopaedia during the year.

Visitors to the Department:

1. Dr. Alexander Henn, Ph.D., Research Scholar from the Department of Anthropology, University of Heidelberg, Germany, working on comparative religion with special reference to religious manifestations in Konkani culture, discussed with Prof. Gomes, matters pertaining to his research in two sessions.
2. Prof. Charles Hobgood of the Department of Anthropology, University of Chicago, U.S.A., visited the Department and discussed with Prof. Gomes matters relating to Konkani culture, language characteristics etc.
3. Rev. Dr. Lagrange Fernandes, Ph .D. from Portugal, a research scholar and former Professor in History in various Seminaries, visited the Department and discussed his research on Old Konkani Literature, Indo-Portuguese History etc. with Prof. Gomes.
4. Dr. Lalita Handoo, of Central Institute of Indian Language, Mysore visited the Department and held discussions on linguistics matters relating to Konkani lexicography and co-ordinated the 10 days workshop of Lexicography organised by the Department of Konkani in collaboration with C.I.I.L. Mysore.
5. Prof. K.J. Mahale, former Vice-Chancellor, Manipur University, and a member of the Executive Council, Goa University, visited the Department and delivered a lecture on the multilingual electronics dictionary project in which he is engaged at a workshop on Lexicography organised by the Department of Konkani in Collaboration with C.I.I.L. Mysore.
6. Dr. Manohar Sardesai, former Head, Department of French, Goa University and Executive Board Member of Sahitya Akademi visited the Department often and delivered a lecture on Konkani Lexicography in the workshop on that subject organised by the Department of Konkani in collaboration with C.I.I.L. Mysore.
7. Dr. (Mrs.) R.S. Rajyashree of Central Institute of Indian Language, Mysore visited the Department and held discussions with the staff members and delivered lectures at the workshop on Lexicography organised by the Department of Konkani in collaboration with C.I.I.L. Mysore.
8. Prof. Horst Turk, Chief of the Translation Research Department of the University of Gottingen, Germany, visited the Department and delivered a lecture on "Translation Cultures" with the Vice-Chancellor of Goa University, Dr. P.R. Dubhashi in the chair, and addressed staff members and students of various language departments.
9. Dr. (Mrs.) Gudulla Turk, wife of Prof. Turk, a Judge in the German Judicial Service, also met the staff

and students of the Department of Konkani and others discussed various academic matters.

Participation in Seminars, Conferences and Workshops:

1. The Department organised, with the assistance of its "Konkani Saraspat Mandal" (Konkani Literary Association), a get-together of an academic nature, for about 300 students from the colleges of Goa and the University, studying in Konkani for their **B.A. and M.A.** courses, for a discussion on the benefits accruing to them **as a result of the inclusion of Konkani in the VIII Schedule to the Constitution of India. The H.O.D. of Konkani, Prof. Gomes delivered the keynote address and presided over the day-long function.** The faculty members of Konkani departments of **the Colleges and of the University and stalwarts of the Konkani Literary world** participated in the meet which was organised in collaboration of the Goa Konkani Akademi.
2. The Konkani Literary Association with active assistance from faculty members of the Department of Konkani, Goa University carried out fruitful activities like producing the wall-journal "Antarman", cultural programmes of dramatic skits, singing, mimicry, poetry recitation etc. Students were also encouraged and assisted in putting up one-act and other plays at the Goa Kala Akademy Competitions where they won laurels for the Department and Goa University, as also in other literary pursuits.
3. The Department organised a two-days' seminar on "Contemporary Konkani Literature - an assessment" inaugurated by the Vice-Chancellor, wherein Prof. Gomes delivered the keynote address and all staff members participated, with papers on Konkani Prose and Konkani Poetry by Mrs. P.S. Tadkodkar and Dr. (Mrs.) Chandralekha D'Souza respectively and discussions carried out on its quality.
4. The Department **organised a 10-day 'Workshop on Lexicography'** in March, 1994 with special reference to Konkani **in collaboration with the Central Institute of Indian Languages, Mysore.**
5. The Departmental staff members **attended a workshop of Folklore** organised by the Department of Sociology in collaboration with C.I.I.L. Mysore.

Prof. O.J.F. Comes: (Besides the above)

Prof. Gomes, H.O.D., Konkani, attended on invitation an International Inter-disciplinary seminar on "Cultural Key Concepts - the problem of translatability" under the joint auspices of the Centre for German Studies, Jawaharlal Nehru University, New Delhi, Centre for Literary Translation, Delhi and the

University of Gottingen, Germany and presented a paper on "Inter-Cultural Translatability - the case of Ibsen in Konkani".

ii) He took part in the National Symposium of Poets of All-India Radio: Goa on the Eve of Republic Day, 1994, with a Konkani version of a Kashmiri poem (with English & Hindi versions for assistance)

(iii) He attended the "International Conference on Canadian Studies" at the Goa University in May, 1994.

(iv) He participated in the "Workshop on Lexicography" and also delivered a lecture on the "History of Konkani Lexicography" in it.

(v) He participated in the U.G.C. workshop on paper-setting at New Delhi.

Mrs. P.S. Tadkodkar: (Apart from the above).

(i) Attended a Seminar organised by the Hindi Department, Goa University on 18th & 19th April, 1994.

(ii) Attended "International Canadian Conference" at Goa University from 10th to **13th May, 1994.**

Dr. (Smt.) Chandralekha A.D'Souza: (Apart from the above)

(i) Participated in Seminars on 12-9-1993 & 12-12-1993 for "Sahitya Samvad" in Margao.

(ii) Attended a workshop of Central Hindi Directorate, New Delhi as an Export of Konkani, for the preparation of Audio Cassette to teach Hindi through Konkani, during the following periods:

1st November, 1993 to 5th November, 1993.

21st Feb., - 25th Feb., 1994

(iii) Attended Hindi Seminar at Goa University on 23rd and 24th Sept. 1993 on Rahul Sankrityan. .

(iv) Attended **Konkani 'Santh** (for **four days** in Mangalore) 14th November, 1993.

(v) Attended a Hindi Seminar at Goa University and participated in discussions held at Academic Staff College 18th April, on Ramkumar **Varma.**

Mrs. Madhavi Sardesai:

(i) **Participated in the two day 'Konkani Short-story writers' Meet'** held at Mashem Canacona on 21st & 22nd May, 1994.

Publications:

Prof. O.J.F. Comes:

1. A Research paper on "Some Considerations on

the function and use of myth in literature" was published in the "Boletim" of the Institute Menezes Braganza, Panaji, in No. 169, of 1993.

2. A research paper on "Grammatical Studies in Konkani - an overview" was published in the "Boletim" of the Institute Menezes Braganza, Panaji in No. 179, of 1994.
3. A research article "Konkani Literature in the Indian Languages Context", -in Hindi, was published in Sept., 1993 issue of the prestigious illustrated Hindi literary magazines, "Kadambini" New Delhi, of the Hindustan Times Group and was widely acclaimed in the Hindi speaking world, as evidenced by the large number of appreciative letters received from various parts of India.
4. Research notes on several topics, e.g. alphabet, dictionaries, adaptations from Ramayan and Mahabharat, Boat Songs, Satire in Konkani Literature etc. included in Vol. VI of the 'Encyclopaedia of Indian Literature', of which he is the Konkani Language Editor-cum-Advisor also, is under publication by the Sahitya Akademic, New Delhi.
5. Prof. Gomes's bio-sketch was selected and included in the prestigious publication entitled 'BIOGRAPHY INTERNATIONAL - 1993' published in May, 1994.
6. His short-story entitled "VHOKOL" (the Bride) was selected for inclusion in the compilation of Select Literature in Konkani, covering three decades (1961-90) entitled "TEEN DASAKAM" edited by Chandrakant Keni and published by the V.M. Salgaonkar Trust, Vasco-da-Gama, Goa.
7. Another short-story of his entitled "UTKANTA" (The yearning) in its Hindi version, was incorporated in the Selection of Konkani Short-stories entitled "BHARATIYA SHIKAR KATHA KOSH - Konkani Kahaniyam" edited by the famous Hindi Writer and broadcaster, Shri Kamleshwar, published by Pustakayan, a publishing house of New Delhi.

Mrs. P.S. Tadkodkar:

1. Article on 'Contemporary Konkani Prose in Vangaddi Annual 1993-94.
2. Article on 'Adhy Patrakar Sheno Goybab' in Rastramat, June, 1993.
3. Article on 'Jinn Jali Kasturi - Sunaprant, May, 1994.
4. Article on 'Sahitya and Saimb' Rastramat - May, 1994.
5. Article on 'Pastoral Poetry of R.V. Pandit in **Jaag** monthly issue.
6. Translation of articles from Marathi into Konkani on

'Sohirobanath's Literature' in **Rastramat** - December, 1993 to Jan, 1994.

Dr. Chandralekha D'Souza

1. Her book on applied literary criticism entitled 'Konkani Kavyachi Prushthbhumi', was published during this period.
2. Her translation in Hindi of one Konkani short story was selected for inclusion in the Bhartiya Shikhar Katha Kosh - Konkani kahaniyan - edited by Shri Kamaleshwar and published by Pustkayan, a publishing house of New Delhi.
3. Her book review on Naguesh Karmali's 'Vansh Kulachan Denem' was published in the Hindi Magazine 'Prakar' in August 1993.
4. Her article in Hindi appeared in Magazine 'Madyantar, Hyderabad, in August, 1993.

Mrs. Madhavi Sardesal

1. Her article on 'Marriage reforms and women's position' appeared in 'Chitrangi' Konkani magazine in its Divali issue, 1993.

Any other Details:

Prof. O.J.F. Gomes:

1. Assisted the UGC in confidential work relating to preparation of Syllabii, setting of papers etc. for National level tests.
2. Assisted the U.P.S.C. in confidential work relating to Civil Service examinations.
3. Assisted the Goa Board of Secondary and Higher examination as member of Academic Council and Convenor for Konkani, to formulate afresh policy on education so as to redesign the courses in that language up to Higher Secondary according to C.B.S.E. syllabus.
4. Assisted All-India Radio authorities on request, to select Transmission Executives, as member of the Selection Committee.
5. Researched into and completed a booklength manuscript on 'GOA-The Land and the People', on invitation from National Book Trust, India, New Delhi.
6. Assisted K.K. Birla Foundation, New Delhi in the process of selection of books, at various levels of it, for the prestigious Saraswat Samman Award of Rs. 3 lakh given by that Foundation, for the best book in Indian languages.
7. Completed the draft translation of 'Arogya Niketan' of

Tarashankar Bandopadya, into Konkani from Bengali/Marathi versions, for the Sahitya Akademi, New Delhi, a massive 550 pages novel considered as a classic literature.

8. Organised and delivered lectures on learning to read Konkani literature in Roman script, as well as on some aspects of translation in brief, to enable students to cope with these aspects of their papers.
9. Conducted classes in Konkani on several topics for the 'Konkani Shikshan Sanad' course for post-graduate teachers organised by the Konkani Bhasha Mandal, Goa.
10. Liaised with the Union Ministry of Human Resource Development, in the matter of assessment of Konkani & English books and review etc. and advice in literary matters.
11. Served as Adviser-cum-Language Editor for the prestigious project of the Encyclopaedia of India Literature', Vol. VI-of the Sahitya Akademi, as well as for the project on 'Medieval India Literature' (Konkani) & contributed entries for them.
12. Called upon to act as chief guest at several public functions, where promotion of Konkani culture and self-expression in one's own language, was emphasized and the general public enlightened on these issues, with special reference to the need of patriotism in our dealings.
13. Participated in several literary programmes in Konkani also Portuguese on A.I.R. on or relating to Konkani.
14. Lectured to students of the Orientation Course for Lecturers (in Konkani) of the Academic Staff College, Goa University, on two topics.
15. He served as a advisor to the Sahitya Akademi, and other literary bodies likethe Konkani Bhasha Mandal, in the evaluation of books, writing of reviews, for translation and main Sahitya Akademi Awards and other work connected with the Encyclopaedia of India Literature and projects like the Medieval India Literature work of the Akademi, as editor and contributor in respect of Konkani.
16. Contributed on invitation of the National Book Trust, India, in November, 1993, a 3000-words comprehensive research article in English on 'Konkani Literature Today' covering a span of 50 years for the special volume on 'Indian Literature Today' being edited by Prof. Sisir Kumar Das, for the N.B.T.
17. Translated in English a radio feature in Konkani entitled 'Toddum Naka Tanchim Pakham' as 'Pluck nottheirfeathers'. on juvenile delinquents, of

Ramesh

Sakharam Barve, forthe National Akashvani Awards competition in December, 1993.

18. He has been appointed on the National Selection Committee of the Saraswat Samman of the K.K. Birla Foundation New Delhi, the Chavan Parishad' for 1994,

Mrs. P.S. Tad kodkar:

1. Delivered a series of lectures on "Konkani Grammar and language" at D.I.E.T., Porvorim - from 4th April, 1994, to 29th April, 1994.
2. Delivered a lecture on "Literature and Mass Media in Marathi at S.N.D.T. Bombay.
3. Attended Refresher Course at S.N.D.T. University, Bombay, 1st Feb. 1994 to 28th Feb. 1994.
4. Contributed scripts for lecture in seminar at Goa University from 10th May, to 13th May, 1994.
5. Contributed lecture on Characterization in the Literature of Laxmanrao Sardessaiforthe Goa Konkani Academy.
6. Invited as Chief Guest at Khandola by Nehru Yuvak Kendra, Panaji,
7. Working as a member of **B.O.S.** in Konkani, Goa University.

Dr. (Mrs.) Chandralekha D'Souza:

1. Contributed entries on Prakash Padgaonkar's 'Hanv Monis Ashvattama' for the Sahitya Akademi's 'Encyclopaedia of Indian Literature' (Aug. 93).
2. Completed translation of 'Gujarati Tunki Varta' anthology of short-stories into Konkani, for the Sahitya Akademi.
3. Delivered lectures on **translation of poetry from Hindi into Konkani, on 9.12.1993 in Department of Hindi, and on 17.3.1994 for students of Translation Bureau, Bombay.**
4. Delivered talks on A.I.R. on 'Antarrashtriya Sadhbhavana Me Hindi ka yogadan' for Sahitya Dhara programme.
5. Translated from Konkani into Hindi, a feature entitled 'Unke Panko Ko na todana' (Dec. 93) for A.I.R.
6. Compered show for Rashtriya Hindi Akademi, on national telecast (31.12.93).
7. Taken interview of Hindi & Konkani poets for Goa Doordarshan 12-10-93.
8. **Compered** the shows of 'Bahubhashi Sammelan' **17th-20th Jan. 94, and Konkani-Hindi Sammelan on 21.12.93.**

9. Attended Lectures in English on Canadian Creative Writers and Critics on 17.1.94.

Topics: 1) Poetry Recitation and discussions on Feminist Criticism. (ii) Feminism and Post Modernisation.

10. Attended Hindi seminars in Goa University on 23rd, and 24th September, 1993 on Rahul Sankratyan.
11. Attended 32nd Orientation Course arranged by Academic Staff College, Goa University, from 20th May to 16th of June, 1994.
12. Helped as a member of Editorial Board to prepare the text book of Konkani for the VIII std.

1.4 DEPARTMENT OF MARATHI

Teaching and Research Staff:

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

Contributory Teachers

1. Prof. **P.B.** Wader, Former H.O.D., Deptt. of Marathi, Goa University delivered 31 lectures.
2. Prof. S.S. Nadkarni, H.O.D. Marathi, Dhempe College of Arts & Science, Miramar, Panaji, delivered 20 lectures.
3. Prof. G.G. Mayekar, Principal, Bandekar College of Commerce, Mapusa, delivered 10 lectures.
4. Prof. R.D. Ghavi, Lecturer, Dhempe College of Arts & Science, Miramar, Panaji, delivered 18 lectures.

Visiting Teachers:

1. Dr. G.N. Joglekar, H.O.D. Marathi, Fergusson College, Pune delivered 10 lectures.

Details of Research Students:

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

Visitors to the Department

1. Prof. Murlidhar Sayenkar, M.A., Lecturer in English, Thana College, Thana well known Critic of Marathi.
2. Shri Narayan Surve, a noted Marathi poet.
3. Prof. Gangadhar Morje, well-known Scholar & Critic

in Marathi.

4. Prof. Chandrashekhar Jahagirdar, Prof. & H.O.D., Department of English, Shivaji University, Kolhapur - well-known Critic in Marathi.
5. Prof. M.D. Hatakanangalekar, M.A. Former Principal of Willingdon College, Sangli - well-known Critic in Marathi.
6. Prof. Ravindra Kimbahume, M.A., Professor, Department of English, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad - well-known Critic in Marathi.
7. Prof. Avinash Sapre, M.A., H.O.D. Department of English, & Vice-Principal, Chintamanarao College of Commerce, Sangli - well-known Critic in Marathi.
8. Prof. Dr. Nishikant Thakar, Professor in Hindi, Sholapur College, Sholapur, Well-known Critic in Marathi.

They read their papers in the Departmental Seminar on 'Marathi Literature during 1980 to 1990' held on 28th February & 1st March, 1994.

Participation in Seminars, Conferences & Workshops:

Dr. S.D. Komarpant

1. Talk on 'Life and Mission of Sane Guruji' organised by Sane Guruji Kathamala, Chodan Gramapanchayat, & Dayanand High School-Complex at Chodan on 11/6/1993.
2. Delivered Inaugural speech at literary meet organised by Samskar Kendra and Gomantak Marathi Academy at Ramnathi on 29th August, 1993.
3. Presented a paper on 'Ideal Sch000l' in the Workshop organised by Shri Mallukarjun Vidyalaya High School at Kanakona on 10/9/1993.
4. Delivered Talk on 'Development of nationalist thoughts in Goa in 'Vyankatesh Pandurang Sawant Memorial lecture Series at Dnyan Prasarak Vidyalaya, Mapusa on 10/10/1993.
5. Presented a paper on 'Background of New Poetry' in the seminar on 'Marathi Poetry' in Five Decades' jointly organised by Sahitya Academy and Gomantak Marathi Academy at Panaji held on 26 & 27/11/1993.
6. Presented a paper on 'Samaj Prabodhan Kal in the seminar organised by Kankavali College at Kanakavali for Post-graduate Students on 5/12/1993.
7. Talk on the book 'Penish to Goa' by Mrs. Praful

Gaitonde (Translation of In search of to-morrow Edila Gaitonde) at Sahityik Sneha Samvad' organised by daily 'Tarun Bharat' at Kala Academy, Panaji on 9/12/1994.

8. Talk on 'Contribution by Goan Writers to Marathi literature in the seminar organised by 67th Akhil Bhartiya Sahitya Sammelan at Panaji.
9. Participated in the seminar 'Marathi Literature during 1980 to 1990' organised by Department of Marathi, Goa University in collaboration with Gomantak Academy on 28th February and 1st March, 1994.
10. Participated in the workshop organised by Shrimati Parvatibai Chowgule College, Margao on 'Re-structuring the Under-graduate Course of Goa University on 15/3/1994.
11. Talk on 'Heritage of India' in 'uva Samakalp Din' programme organised by Navnirman Abhiyan Goa' at Honda, Sattari.

Shri K.M. Sadre.

1. Seminar at Dhulia organised by K.S. Vani Pragat Marathi Adhyayana Kendra on 2nd and 3rd October, 1993, presented a paper on 'Bhahinabai Chowdhary yanchya Ganyanche Punarvachan.
2. Seminar entitled 'paach Dashakatil Kavita' organised jointly by the Sahitya Academy, Delhi and Gomantak Marathi Academy, Panaji on 26th & 27th November, 1993.
3. 67th Marathi Sahitya Sammelan at Panaji on 28,29 and 30th January, 1994. Introduced the Local Poets' Meet.
5. Seminar organised by the Department of Marathi and Gomantak Marathi Academy, Panaji at the University Campus on 28th February, 1994 and 1st March, 1994.
6. Seminar organised by the Tagore Seat of Comparative Literature of the Bombay University on 5th March, 1994 presented a paper on 'Marathi Ani Konkarniche Grahanpreshan Sambadh - Doan Kadambaryanchya Abhyasadware Nireekshane.

Dr. V.D. Sawant

1. Participated in the Seminar '50 years of Marathi Navkavita' held by Sahitya Academy, New Delhi and Gomantak Marathi Academy at Panaji, Goa on 26th & 27th November, 1993.
2. Read a paper on theory of novel at a Seminar arranged by Kanakavali College at Kankavli on 5th December, 1993.
3. Participated in an Authors Meet held by 'Tarun

Bharat' at Panaji on 9th December, 1993 and gave a brief talk on the novel 'Bhandar Bhog'.

4. Participated in the seminar 'marathi literature in the decade of 1980-1990' arranged by Marathi Department, Goa University on 28th Feb & 1st March, 1994.
5. Participated in the seminar on Vynankatesh Madgulkar's literature arranged by Marthwada Sahitya Parishad, Aurangabad on 28th, 29th & 30th March, 1994.
6. Read a paper in Hindi at the Sangohsthi ' held by 'Sahitya Samvad' at Panaji on 13th April, 1994.

Popular Articles

Dr. S.d. Komarpant

1. Description of rain in Marathi Poetry: Tarun Bharat 14/7/1993
2. Short story by Madhu Manguesh karnik; 'Mora' Aqrtl, Sindhudurg, July, 1993.
3. Goan Marathi Literary Tradition **Mumbai Sakai Goa Special Number**, 15th August, 1993.
4. Book review on 'Loksarita' by Viyayak Khedekar: **Goma ntak** 12/9/1993
5. Pre-liberation Goan Marathi Literature: Published in Deepmal: Souvenir of **67th Akhil Bhartiya Marathi Sahitya Sammelan**, Panaji, January, 1994.
6. The contribution of newspapers to Marathi Literature in Goa **Gomantak, Marathi Sahitya Sammelan Special number**, 28th January, 1994.
7. Post-liberation Goan Marathi Literature: Short Essay: **Navprabha**, Sahitya Sammelan Special number, 29th January, 1994.
8. The landmarks in Goan Marathi Literary tradition: **Vivek Bombay. Marathi Sahitya** special number, 28th January, 1994.
9. Goa Folklore: **Shree Akshardhan, Bombay A.B. Marathi Sahitya Sammelan Special Number**, January, 1994.
10. Marathi poetry written by Dr. D.R. Bendre: Vasant, Bombay A.B. Marathi Sahitya Sammelan Special Number, January, 1994.
11. Background of Neo-poetry: **Mara**, Panaji, A.B. Marathi Sahitya Sammelan **Special Number**, January, 1994.
12. Akhil Bhartiya Marathi Sahitya Sammelan at a glance; Gomantakachee Asmita, Ponda, Marathi

Sahitya Sammelan Special Number, January, 1994.

13. Goan Marathi Writers: (contributed along with Prof. Manohar H. Sardesai & Prof. Ravindra Ghavi) Kolhapur Sakai Marathi Sahitya Sammelan Special Number, 28th January, 1994.

Shri K.M. Sadre

1. 'Mardhekaranchya Kaviteel Stree Pratima' on 28/11/1993 Gomantak literary supplement.
2. Extensive article on the seminar organised on 'Paach Dashakatil Kavita' by Sahitya Academi and Gomantak Marathi Academy Panaji during Nov. 1993. jointly with Prof. Ravindra Ghavi published in the special number released at 67th Sahitya Sammelan, Panaji January, 1994.
3. 'Nemade Yanche Sahitya' published in Sahitya Manthan a special issue released at the 67th Marathi Sahitya Sammelan, Panaji, January, 1994.
4. Article on the chaos in the study of Languages (in Marathi) published in the literary supplement of Gomantak on 17/4/1994.
5. Book entitled 'Nemade Yanche Sahitya : Ek Anvayatha' published in 3/7/1993
(Publisher: Mehta Publishing House Pune)

Dr. V.D. Sawant

1. An Article 'Post-liberation Goan Marathi Literature' was published in 'Deepmal' a Souvenir of Akhil Bharatiya Marathi Sahitya Sammelan held in January, 1994.
2. A poem was published in 'Gomantak Diwali' issue, 1993.

Any other Details

A talk 'Bhalchandra Nemade's Novel Kosala' was broadcasted on 21st December, 1993 by AIR, Panaji.

1.5 DEPARTMENT OF FRENCH

Teaching and Research Staff:

Shri Prasad G. Barve Lecturer & Incharge
M.A.; D.S.A.F.L.E. (Grenoble, France)

Contributory Teachers:

Dr. M.L. Sardesai, Ph.D
Total number of lectures delivered - 94

Visiting Teachers:

Mr. Robert Vigneau, from Paris retired from his duties as i) Cultural attache of French Government to Colombo, Sri Lanka. ii) Cultural attache of the French Government to Tokyo, Japan iii) University of Paris, France. Lecture period was from 1st Feb. '94 to 13th Feb. '94.

Details of Research Students:

Name of the Guiding Teacher	No. of Research students	No. of students declared successful at M.Phil./Ph.D.
Dr. K. J. Mahale	1	

Visitors to the Department:

- i) Visit of Mr. Arun Dhole -- German Student, talk with students on 9/10/93, regarding students in German Schools, German food habits, German Festivals, French Schools, his visits to France, Employment condition, unification of Germany etc.
- ii) Visit of Miss Gabriela Heckner, German Student, talk on European Community to the students on 3/2/94.
- iii) Visits of Mr. Stefan Jirka -- The German Teacher of the Certificate Course in March, 1994, talk on the recent Franco-German Relations.

Participation in Seminars, Conferences & Workshops:

- i) Attended a three day seminar at Panaji on the theme."Evaluation of Exams in French" organised by B.E.L.C. Bombay and Alliance Francaise, Goa (11th to 13th Jan. '94).
- ii) Attended a four day Seminar held at Bangalore from 16th to 19th Feb. '94 "Expression of Communication, in French as foreign language" organised by CLAIM, Madras, Department of French, Bangalore University.
- iii) Attended a three days Seminar from 17th to 19th March, 1994, at Hyderabad. The theme of the Seminar was "Contemporary Novel since 1950, the Pedagogical approach" organised by B.E.L.C., Hyderabad & CIEFL, Hyderabad.
- iv) Attended the International Seminar organised at the Goa University, on Canadian Studies -- May '94.

Any Other Details:

Shri Prasad Barve helped in the organising of the following programmes:

- i) Member of the Committee for Corporate Life Activities -- Campus & Social Service.
- ii) Wrote translation of the Doctoral Degree of Shri Unnikrishnan A.S., from French to English for Administrative Section I, Goa University in December, 1993.
- iii) Was invited to judge the events "East meets West", "Western Music Competitions" & "Collage" events at the University Youth Festival "Plateaunica".
- iv) Passed with 71% the Hindi Exam "Pragya" of the Home Affairs Ministry, Hindi Teaching Scheme (Exam Wing), New Delhi, Department of Official Languages.
- v) Was appointed the Co-ordinator of the German Certificate Course conducted by the Goa University from August, 1993 to April, 1994.
- vi) Was appointed the In-Charge of the Department of French from August, 1993 to April, 1994.
- vii) Helped in administration of the Seminar on Canadian Studies in the Goa University in May 1994.
- viii) Active member of Worldwide life fund for Nature, Goa.
- ix) Active member of Vanasthali German Vikas Kendra, Pune.
- x) Active member of Association of Friends of France, Pune. Undertook its extension work in Goa.

1.6 DEPARTMENT OF PORTUGUESE

Teaching and Research Staff:

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

Visits Abroad:

Dr. Velho was invited by the Gulbenkian International Foundation to participate in the International Symposium of Writers in Portuguese Language to mark the inaugural celebrations of Lisbon Capital of Culture 94 at Lisbon in February, '94.

Participation in Seminars, Conferences & Workshops:

The Embassy of Portugal Cultural Centre and the Department of Germanic and Romance Languages of Delhi University invited Dr. Velho to present research papers on;

- a) **THE TEMPLARS IN INDIA** -- at Delhi University, 3rd December, 1993.

- b) **THE COURTLY PLAYS OF GIL VICENTE**, at the Portuguese Ceultural Centre, on 9th December, 1993.
- c) Dr. Velho was invited to participate with a research paper on Literature as a source of Indo-Portuguese History at the 7th International Seminar on Indo-Portuguese History. Dr. Velho presented a paper on **INDIA IN THE COURTLY PLAYS OF GIL VICENTE**.

Publications:

The Embassy of Portugal Cultural Centre in New Delhi published a paper of Dr. Velho, "INDIA IN THE PORTUGUESE COURTLY PLAYS" in **PORTUGAL NEWS LETTER**, Vol. 1 No. 1/2 Ap/Aug 1994 pg. 12-22.

Any other Details:

Dr. Velho was nominated by FUNDACAO ORIENTE to guide the research work on **INDO-PORTUGUESE FOLKLORE** of a Portuguese scholar Ms. A. C. Alves.

2.1 DEPARTMENT OF ECONOMICS

Teaching and Research Staff:

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

Contributory Teachers:

Prof. G. G. Bakhle

Details of Research Students:

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

Participation in Seminars, Conference & Workshops:

M. A. Shahi

Participated in the 76th and the Platinum Jubilee Conference of the Indian Economic Association held on February 19-12, 1994 at Bombay.

A. R. Padoshi

Conference attended:

1. Attended annual conference of Marathi Arthashastra Parishad at Sangli in November, 1993.
2. Attended annual conference of Indian Society of Agricultural Economics at Ludhiana in December, 1993.

Seminars attended

1. Attended a state level seminar on **G.A.T.T.** and Dunkel Draft at Panaji, Goa and gave a talk on **Dunkel Draft and Indian Agriculture** at the same seminar on 2-4-'94.

S. M. Noronha

1. Participated in the Canadian Studies seminar held on 4th March, 1994 at Goa University on "Social Economic Issues in Canada" jointly organised by the Department of History, Goa University and Canadian Studies Centre.
2. Group discussion on 'Social economic and political aspect of Latin America' organised by the Centre of Latin American Studies, Goa University on 21st February, 1994 in the University campus.
3. Presented a paper in absentia on 'Structure of Employment in India' at the 35th Annual Conference of the Indian Society of Labour Economics held at Ahmedabad from 21-23 January, 1994.
4. Participated and acted as a moderator for one session at the state level seminar on "GATT, Dunkel Draft and Trade Related Intellectual Property Rights (TRIPR) Implications for India" held on 2nd April, 1994 at Panaji, Goa.

Errol D'Souza

1. Attended workshop for Teachers of Economics, Chowgule College on 5/9/1993.
2. Attended workshop on "Emerging Trends in Global Economy", Goa University, on 14/12/93.
3. Attended International workshop on Economic Theory at Delhi School of Economics, Delhi, 8th to 17th January, 1994.
4. Attended 35th Annual Conference of Indian Society for Labour Economics at Gandhi Labour Institute,

Publication:

Ahmedabad, 21st to 23rd January, 1994. Rapporteur for session on "Employment Generation in India".

M. A. Shahi

"Latin American Economic Performance and India's Prospects" (Ready for Publication).

A. R. Padoshi

Completed and submitted the manuscript for the book entitled "Investment Analysis" to Y. B. Chavan Open University, which will publish the book.

S. M. Noronha

1. An article on "Women and Employment" in the Indian Journal of Labour Economics, April-June 1993.
2. "Structure of Employment in India" in the Indian Journal of Labour Economics, Conference Issue, October-December '93 Vol. 36 No. 4.

Errol D'Souza

1. "Fluctuations and Employment Institutions in the tourism sector", Indian Journal of Labour Economics, Vol. 36, No. 4, 1993.
2. "Informal Sector Services in Tourism", text book written for the Indira Gandhi National Open University, New Delhi.

Any other Details:

M.A. Shahi

1. External examiner and Chairman, Board of Examiner for Ph.D., Shri Venkateshwara University, Tirupati.
2. Delivered special lecture upon invitation from Karnataka University, Dharwad.
3. Consultancy to Union Public Service, New Delhi.
4. Member of the Reconstituted Advisory Committee of the Small Industries Services Institute (SISI) Government of India, Ministry of Industry, Margao, Goa.
5. Delivered a lecture on subjects updating, Academic Staff College, Goa University.

S. M. Noronha

1. Member of the Reconstituted Advisory Committee of the Small Industries Service Institute (SISI) Government of India, attached to SISI, Margao, Goa.
2. Member of the Academic Council, Goa University.
3. Member of the Tourism Research Group, Goa University.

Errol D'Souza

1. Convenor, Goa University Committee on Financial Resources.
2. Awarded Associateship of Inter-University Centre for Humanities and Social Sciences, Indian Institute of Advanced Study, Shimla.
3. Awarded Ford Foundation Fellowship to visit Harvard University for the academic year 1994-95.
4. Visiting faculty, Goa Institute of Management.
5. Delivered talks over All India Radio on "Economic Liberalisation and Tax Reforms" and "Union Budget".
6. Public lecture to chartered Accountants Associations of India on "Union Budget, 1994-95".
7. Lectures at Academic Staff College of Goa University, Sanquelim College, Department of Management Studies and T.B. Cunha Memorial Trust seminar on "GATT Dunkel and TRIPS".
8. Book review on "Profiles of Poverty" in Hindustan Times, New Delhi.

2.2 DEPARTMENT OF HISTORY

Teaching and Research Staff:

1. **Dr. K. M. Mathew** Reader & Head
M.A., Ph.D.
2. Dr. (Kum.) Pratima P. Kamat Lecturer
M.A., Ph.D.
3. Dr. N. Shyam Bhat Lecturer
M.A., Ph.D.
4. **Shri Ujjayan Bhattacharya** Lecturer
M.A., M.Phil.

Details of Research Students:

Name of the Guiding Teacher	No. of students M.Phil/Ph.D.	No. of students declared successful at M.Phil./ Ph.D.
1 Dr. K. M. Mathew	5	1
2 Dr. P. P. Shirodkar (Recognised Guide)	3	1
3 Dr. Joseph Barros	3	1
4 Dr. T. R. D'Souza (Recognised Guide)	1	1

Research Project:

1. **Dr. K. M. Mathew and Prof. U.M.X. Sangodkar** are the co-ordinators of a research project entitled "**The Portuguese and the Knowledge of the Sea**". The project is funded by the Indian Council of Historical Research, New Delhi. Shri Xavier Martins was the Research Assistant under this project and it is nearing completion.
2. **Dr. N. S. Bhat** is working on a **I.C.H.R.** research project entitled "Judiciary and Police in Early Colonial South Kanara 1799-1862". It is nearing completion.

Visitors to the Department:

1. Prof. A. K. Kulkarni, Vice-Chancellor, Tilak Maha Vidyalaya, Pune visited as subject Expert at A.S.C. Refresher Course in History and also conducted Ph.D. Viva Voce.
2. Prof. J.V. Naik, Head, Dept. of History, University of Bombay, visited to conduct Ph.D. Viva Voce.
3. Prof. K.S. Mathew, Head, **Dept. of History Central University**, visited to conduct **Ph.D. Viva Voce**.
4. Prof. K.R. Basavaraja, Dept. of **History, Karnataka University, Dharwar**, visited to attend Meeting of the Board of Studies in History.
5. Prof. B. Surendra Rao, Head, Dept. of History, Mangalore University, visited to **attend** Meeting of the Board of Studies in History.
6. Prof. V.S. Nayar, Anantacharya Indological Institute, Bombay, visited to conduct Ph.D. Viva Voce.
7. Prof. Crawley, Professor of History, University of Guelph, Canada, visited **to assist the faculty in preparing a Course on Canadian History**.
8. **Prof. G. S. Lowe of the University of Alberta, Canada**, visited the Dept. and delivered a Seminar on 'Socio-Economic Issues' in Canada on 4/3/1994.

Participation in Seminars, Conferences and Workshops:

Dr. K. M. Mathew

1. Attended a workshop on Folklore organised by Dept. of Sociology and CIIL, Mysore at Goa University from 6-11th Dec. 1993.
2. Organised/attended the **South Indian History Congress** at S.V. University **Tirupathi 10-12th January 1994**.
3. Organised/attended the VI lth International Seminar on Indo-Portuguese History organised by Xavier

Centre of Historical Research in Panaji. Presented a paper on 'The Naval Establishment at Bassein and Chaul'.

4. Organised/attended the VIIIth Local History Seminar jointly organised by Directorate of Archives and Dept. of History, Goa University on 24-25th February, 1994.
5. Organised/attended the Canadian Seminar at Goa University.
6. Organised/attended the Annual Conference of Indian Association of American Studies at Goa University. Presided over one of its sessions.

Dr. Pratima P. Kamat

1. Participated in the Workshop on Folklore organised by the Department of Sociology, Goa University and the CILL, Mysore, at the Goa University from 6-11th December, 1993.
2. Attended the South Indian History Congress at S.V. University, Tirupathi, from 10-12th January, 1994. Paper presented: "Indo-Portuguese Literature: Its Female Contents".
3. Participated in the VIIIth Local History Seminar organised jointly by Directorate of Archives, Archaeology and Museum, Government of Goa and the Department of History, Goa University, on 24-25th February, 1994.

Paper presented: "Goa in India's Foreign Policy, 1947-1961".

4. Participated in National Seminar on Non-English European Sources on Medieval and Modern India" organised by the Tilak Maharashtra Vidyapeeth, Pune, on 12-14th March, 1994.

Paper presented: "A Glimpse at the Nuno Gonsalves Collection of Goa University as a source of Indo-Portuguese History".

5. Participated in the Round Table Discussion on "Latin American Today" organised by the Centre for Latin American Studies in March, 1994.
6. Participated in the State level Seminar on GATT, Dunkel Draft and Trade Related Intellectual Property Rights - Implications for India" organised by the TB Cunha Memorial Trust Panaji, on 2-4-1994.

Dr. N. Shyam Bhat

1. Attended a Workshop on Folklore for one week jointly organised by the Central Institute of Indian Languages, Mysore, and Department of Sociology,

Goa University, at Goa University, 6-12th December 1993.

2. Attended the 54th session of the Indian History Congress, University of Mysore, Mysore, 16-18th December, 1993, and presented a research paper on "The 'Munro System' in Kanara (1799-1800)".
3. Attended one session of the VII International Seminar on Indo-Portuguese History, Goa University, 22nd January, 1994.

Also helped in organising this session.

4. Presented a research paper entitled "Some Aspects of the trade between early colonial Kanara and Portuguese Goa as reflected in the records of the British East India Company (early half of the Nineteenth Century)" at the 8th Seminar on Local History (Goa), "Goa in the Indian Subcontinent" and Symposium on "Goa's Relations with Coramandel Coast, Ceylon and Bengal" jointly organised by the Directorate of Archives, Archaeology and Museum, Govt. of Goa, Panaji and Dept. of History, Goa University, at the Archives, 24-25th February, 1994.

Also helped in organising the above Seminar.

5. Attended a one-day seminar on "Socio-Economic Issues in Canada" jointly organised by the Dept. of History, Goa University, and the Canadian Studies Centre, Goa University, 4th March, 1994.

Also helped in organising this seminar.

Shri Ujjayan Bhattacharya

1. Participated in a workshop on "Folklore" organised by Department of Sociology, Goa University, and Central Institute of Indian Languages, Mysore, in December, 1993.
2. Participated in 8th Local History Seminar, organised by Directorate of Archives, Archaeology and Museum, Panaji, Goa, and Department of History, Goa University, in February, 1994. Presented a paper on "The Portuguese in Bengal : Their Trade and Settlements in the Sixteenth Century".
3. Attended a session of International Seminar on Indo-Portuguese History, organised by Goa University and Xavier Centre for Historical Research, at Goa University, in January 1994.

Publications

Dr. K. M. Mathew

"Tuhafat-ul-Mujahudeen and its Political and Social Content", in the proceedings volume of ISIPH, Macau, 1994.

Dr. Pratima P. Kamat

1. "Luso-British relations vis-a-vis the 1852 and 1895 Rane Revolts in Goa" to be published in the forthcoming issue of Purabhilekh - Puratatva (Journal of the Directorate of Archives, Archaeology and Museum, Govt. of Goa).

Dr. N. Shyam Bhat

1. "Peasant struggles in South Kanara and Coorg in the Nineteenth Century" - along with Dr. B. Surendra Rao, Mangalore University; a research paper contributed to Dr. Sebastian Joseph (ed.), Colonialism and Nationalism in Karnataka 1800-1900, under the six-volumes project on Karnataka History, Kannada University, Hampi, Karnataka. (Accepted for Publication).
2. "The Muro System in Kanara (1799-1800)", accepted for publication (in summary form) in the 54th Proceedings Volume of the Indian History Congress, Mysore Session, 1993.

Shri Ujjayan Bhattacharya

1. An article entitled "The Portuguese in Bengal: Their Trade and Settlements in the Sixteenth Century" has been submitted for publication to editorial committee of Journal of History, published by Jadavpur University, Calcutta-700032.

Popular Articles:**Dr. Pratima P. Kamat**

1. "Leaves from a City's Past", Times of India Goa Plus, June, 1993.
2. "Charting a new course in History" (Interview of Prof. G. Winius and Prof. S. Subrahmanyam), Gomantak Times Weekender, Panaji, 27-2-1994.

Any other details:**Dr. K. M. Mathew**

1. Chairman Board of Studies in History, Goa University.
2. International Students Advisor, Goa University. Attended the meeting of the I.S. Advisors at University of Poona, at Pune in January 1994.
3. Vice President of the Goan Folklore Society.
4. General Secretary, South Indian History Congress and in that capacity participated in its Annual session held at S.V. University, Tirupati, A.P. (January, 1993).

5. University Representation on the Local Organising Committee for the VIIth International Seminar on Indo-Portuguese History in Goa.
6. Member, Academic Council, Goa University.
7. Member of the Organising Committee for holding the Indian Association of American Studies and also Canadian Studies at Goa University.
8. Convenor, Committee on cleanliness and environment, Goa University.

Dr. Pratima P. Kamat

1. As a resource person, delivered lectures to the participants of the Orientation Course (Subject Upgradation Component) at the Academic Staff College, Goa University.
2. Talks delivered:
 - i) "In search of her story" as the Chief Guest at the Women's Cell at St. Xavier's College, Mapusa, in October, 1993.
 - ii) "Carnaval in Goa - Then and Now" broad cast by the All India Radio, Panaji, on 3-2-1994.
3. Helped to organise the following Seminars/Workshops/Conferences:
 - i) As Joint Secretary, the Session of the South Indian History Congress at the S.V. University, Tirupathi, from 10-12th January, 1994.
 - ii) Seminar session No. 4 of the 7th International Seminar on Indo-Portuguese History at Goa University on 22-1-1994.
 - iii) 8th Local History Seminar in Collaboration with the Directorate of Archives, Archaeology and Museum at the Directorate of Archives, Archaeology and Museum, Panaji, on 24-25th February, 1994.
 - iv) As Convenor, organised the preliminary meetings to establish the Goa Lokved Parishad.
 - v) As a member of the Committee on **Improvement** of Corporate Life and of some of its sub-committees, was involved in the promotion of a rich and varied corporate life on the Goa University Campus.

Dr. N. Shyam Bhat

1. Laboured hard in levelling the ground around the vehicle shed near the Transit Quarters, Goa University, in January 1994.
2. Actively participated in the Children's get-together organised by the residents of the Transit Quarters on 16th January, 1994.

3. Member of Social/Festival Committee, Member of Environment/Cleanliness Committee, Committee for Campus and Social Service - Committees regarding Corporate Life, Goa University. Decided to participate actively in the activities of these Committees. Participating in all cultural and national festivals organised at the Goa University.
4. Contributed a day's salary to the Goa University Earthquake Relief and Rehabilitation Fund in October, 1993.

Shri Ujjayan Bhattacharya

1. Participated in keeping the environment of the social science faculty building clean on behalf of the Committee on Corporate Life for Environment and Cleanliness.
2. Contributed a day's salary to the Earthquake Relief Fund in September 1993.

General:

1. The Department organised session No. 4 of the VIIth International Seminar on Indo-Portuguese History at the Goa University, on 22-1-1994.
2. The Department, in collaboration with the Directorate of Archives, Archaeology and Museum, Govt. of Goa, organised the VI IIth Seminar on Local History (Goa). The theme of the Seminar was "Goa in the Indian subcontinent". A symposium was also organised on "Goa's Relations with Coromandel Coast, Ceylon and Bengal". These were organised at the Archives on 24-25th Feb. 1994.
3. The Department, in association with the Canadian Studies Centre, Goa University, organised a one-day Seminar on "Socio-Economic Issues in Canada". It was organised at Goa University on 4-3-94, Prof. G.S. Lowe, University of Alberta, Canada, was present as the chief resource person.
4. The Department organised a study tour for the students of M.A. History on 5-2-1994. They visited important historical places in Goa such as Safa Masjid, Ponda, Mahadev temple at Tamdi Surla, the Caves at Harvalem and the Saptakoteshwar Temple at Naroa.

2.3 DEPARTMENT OF POLITICAL SCIENCE

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. De Souza | Reader |
| | M.A., M.Phil., D.Phil. (U.K.) |
| 4. Dr. M. M. Sangodkar | Lecturer |
| | M.A., Ph.D. |
| | (left service on 15th Feb. '94) |
| 5. Dr. M. H. Assadi | Lecturer |
| | M.A., Ph.D. |
| | (Left service on 7th July, '94) |

Details of Research Students:

Name of the Guiding Teacher	No. of students M.Phil./Ph.D.
1. Prof. A. H. Doctor	- 3
2. Dr. M. J. Audi	2

Research Projects:

Dr. A. H. Doctor

1. Work on manuscript of book on The Political Thought of Modern India, in final stages.

Dr. P. R. De Souza

1. "Media's Reaction to India's Liberation of Goa in the Context of the Process of Decolonization: A Survey of Indian and Western Newspapers", submitted to the University Research Committee for sanction of grant of Rs. 27,500/-.

Dr. M. Assadi

1. "Understanding the Indian State in the context of politics of rich peasantry: An analysis of peasant movements in Karnatak and Maharashtra", project funded by ICSSR to tune of Rs. 56,700/-.

Visitors to the Department:

1. **Dr. Bhawani Singh**, Professor of Political Science, University of Rajasthan, Jaipur, visited the department and lectured to students and faculty on the Kashmir Problem, 27th July 1993.
2. **Dr. Rajiv Bhargav**, Associate Professor of J.N. University, New Delhi, visited the department and lectured to the students on "Communalism and the Politics of Culture" on 3rd Aug. 1993.
3. **Dr. Sujata Patel** of the SNTD University, Bombay visited the department and lectured to students and faculty on "The Bombay Riots : A Sociological Study" on 5th August, 1993.
4. **Mr. Roger C. Rasco**, USIS Director and **Mr. Raja Chandran**, Press Advisor, USIS, visited the department and met faculty on 18th August, 1993.
5. **Mr. Joseph Brenning**, USIS Director and **Mr. Raja**

Chandran of USIS visited the department and discussed academic programmes and library needs with the department faculty on 21st Jan., 1994.

6. **Dr. Manuel Porto**, member of European Parliament visited the department and also gave a public lecture at the University Conference Hall on the subject of "International Tourism and the European Community" on 7th January 1994.
7. **Dr. Arthur G. Rubinoff**, on a visit to India as a Senior Fellow of the University of Toronto, visited the department and met faculty members on 17th Feb., 1994.

Participation in Seminars, Conferences & Workshops:

Prof. Adi H. Doctor

1. Participated in a Panel Discussion on the book "Reinventing Government" authored by Osborne and Gaebler, organised by the American Centre, Bombay, at the Goa Chamber of Commerce, Panjim, 27th July 1993.
2. Delivered three lectures at Osmania University, Hyderabad, on Political Theory, 29-30 September 1993.
3. Gave three lectures at University of Rajasthan, Jaipur, under the UGC special Assistance Programme (SAP) in Political Science, on Gandhian Thought, Secularism and NAM, on 2-3 November, 1993.
4. Organised a One Day Workshop at Goa University Goa, on "Electoral and Governmental Reforms", on 19th November 1993. Presented a paper on "Rethinking Government -the concept of Entrepreneurial Government" at the Workshop.
5. Participated in State Level Seminar on Panchayati-Raj, organized by Peaceful Society at its Kundai Campus, Goa on 12th December, 1993.
6. Delivered two lectures at the Political Science Department Karnatak University, Dharwad, in the University's Special Series Lectures, on "Gandhi's Ahimsa : Evaluation of Theory and Practise", 4th March 1994.
7. Participated in the International Canadian Studies Conference on "Changing Global Scenario with reference to India and Canada", 10-13 May 1994, Chaired one session.
8. As Course Co-ordinator organized three Refresher Courses for College teachers in Political Science from Maharashtra and Goa, for the ASC of Goa

University during 1993-94. As Resource person

also gave lectures at these courses.

9. Gave a Radio Talk over All India Radio, Panjim, Goa, on "Political Implications of Economic Liberalization", broadcast on 17th March 1994, 9-15 pm.

Dr . M. J. Audi

1. As resource person gave lectures at the Refresher and Orientation Courses conducted by the ASC of Goa University.

Dr . Peter R. DeSouza

1. Gave a talk on All India Radio, Panjim, Goa on "Panchayati-Raj", 29th July 1993.
2. Presented a paper on "Reforming Government: Panchayati-raj institutions" at the one day Workshop organized by Goa University (Political Science Dept. and ASC), on "Electoral and Governmental Reforms", **19th November 1993**.
3. Discussion at the Workshop on Status of Political Science on "Aspects of Political Theory" for the UGC expert panel in Political Science, Punjab University, Chandigarh, 4-5 December 1993.
4. Presented a paper on "Restructuring Panchayati-raj system in Goa" at the State Level Seminar on Panchayati-Raj organized by Peaceful Society at its Kundai campus, Goa, on 12th November 1993.
5. Delivered a lecture at Government College of Arts, Science & Commerce, Quepem on "Social Equality-Problems and Prospects", 13th December 1993.
6. Gave a talk on All India Radio, Panaji, Goa, on "Defending a Republic", 20th January, 1994.
7. Delivered two lectures at Mangalore University, Mangalore on "Democracy and Development - The Konkan Railway Project in Goa" and on "Religion and Politics in India", on 31st January 1993 and 1st February 1994.
8. Participated in a Symposium on "Ideas on Foreign Policy the Post Cold War World" at the Centre for Study of Developing Societies", New Delhi, 31st March 1994.
9. As Resource person gave lectures at the Refresher and Orientation Courses conducted by the ASC of Goa University during 1993-94.
10. Participated in the USIS sponsored Seminar on "Dynamics of Activism", at Panaji, Goa 12-14 May 1994.
11. Participated in the International Canadian Studies

Conference on "Changing Global Scenario with reference to India and Canada", 10-13 May 1994. Chaired one session.

Dr. M. M. Sangodkar

1. As Resource person gave lectures at the Refresher Courses in Political Science conducted by the ASC of Goa University during 1993-94.

Dr. M. Assad!

1. Participated in the seminar conducted by the Centre for Political Studies of JN University, on "Explaining Indian Politics: The State and the New Liberal Agenda", dated January 19-21, 1994 and presented a paper in the same seminar on "shifting meanings and confronting the State : Peasantry versus the Indian state, 1980-93".
2. Participated in the Orientation Programme conducted by the ASC of Goa University, between March 2nd and 29th March, 1994.
3. Delivered talks in the Academic Staff College of JNU, New Delhi on 1) Peasant Movements in India and 2) Dunckel Draft and the Peasantry, 20th January and 22nd Jan. 1994.
4. Participated in the tenth IASC/ICCs International Conference on Canadian Studies, Goa University May 10-13, 1994.

Publications:

Prof. A. H. Doctor

1. "Resistance Politics: Its Implications for Democracy", in The Indian Journal of Political Science, Madras, Volume 54, No. 2, June 1993.
2. "Implications of Secular Polity" in Social Science Probing, People's Publishing House, New Delhi, Vols. 7-8 (Released in June 1993).
3. "Rethinking Government" in Freedom First, Bombay, issue of July-September 1993.
4. "Missionary Teachings and Social Reformers in Nineteenth Century India" in the book "Discoveries, Missionary Expansion and Asian Cultures", edited by Dr. T.R. DeSouza, Concept Publishing House, New Delhi, 1994.

Dr. Peter R. DeSouza

1. The Church and Politics in Goa: Utilitarian Calculus or Ethical Imperative", in Social Action, Vol. 44, Jan-March 1994.

Dr. M. Assadi

1. "Khadi Curtain, Weak Capitalism and operation Ryot Some ambiguities in Former Discourse,

Karnataka and Maharashtra, 1980-93", Published in the Journal of Peasant Studies, Frank Cass Pub, London Vol. 21; No. 3/4, April-July 94. pp. 212-227.

2. "Sickle Bent discourse: An Analysis of Peasant Movement" published in Social Action, April-July 94.

Any other details:

Prof. Adi H. Doctor

1. Served the University in such capacities as member of the Executive Council and Academic Council and Chairman, Board of Studies.
2. Examiner of Ph.D. thesis from Univ. of Delhi and a D.Litt. thesis from Nagpur University.
3. Member of Indian Political Science Association, American Studies Research Centre etc.
4. Member of the Board of Directors of the Lions Club of Porvorim, Goa.

Dr. Peter R. DeSouza

1. Drafted the "Concerned Citizen's Report" on the Konkan Railway Project in Goa, 1994.

2.4 DEPARTMENT OF SOCIOLOGY

Teaching and Research Staff:

1. Dr. William R. da Silva M.A., Ph.D. (Hamburg)	Reader & Head
2. Mr. S. R. Phal M.A.	Reader
3. Mr. Alito Siqueira M.A.	Lecturer (on study leave)
4. Dr. Sasheej Hegde M.A., Ph.D.	Lecturer
5. Dr. Manjit Singh M.Sc. (Agri), Ph.D.	Lecturer

Details of research students:

Name of the Guiding Teacher	No. of students M.Phil./Ph.D.
1. Dr. W. R. Da Silva	-- 4
2. Mr. S. R. Phal	-- 3

Research Projects:

Sasheej Hegde

1. Remembering the present: Notes as if in Parenthesis, Journal of Arts and Ideas, Nos. 25-26, December 1993, pp. 105-113.

2. In-difference, or a preface to culture critique, Third Text, No. 25, Winter 1993-94, pp. 51-60.
3. Of the Religious and the (Non) Feminine: Open questions (with Seemanthin Niranjana), contribution to Indian Sociology Vol. 28(2) 1994, forthcoming.
4. In place, on course... (Being a student of current research interests and some proposals concerning its teaching). (Mimeographed).
5. Pathways through method: An Essay in Review, Social Scientist, forthcoming.

Participation in Seminars, Conferences, Workshop:

Alito Siqueira

1. World Congress of the World Leisure and Recreation Association, Jaipur, Dec. 1993. (paper presented in absentia).
2. Indian Sociological Conference, Mangalore, Dec. 1993.
3. Attended some seminars in Goa.

Sasheej Hegde

1. Participant in the one-day workshop on Government and Electoral Reforms, 19 November 1993, organised by the Goa University Department of Political Science and Academic Staff College.

Publications:

S. R. Phal

1. "Uneven Development Among Different Scheduled Castes; Goa Situation" in Kerala Sociologist, Vol. XXI No. 2 Dec. 1993. pp. 27-31.

Altio Siqueira

1. Book The Tourism Critique and Tourism Movements in Goa, Equations, Bangalore (forthcoming). Monograph jointly with A. Sreekumar.

Research papers etc.

1. An article from the above publication is also to be published in the proceeding of the 1993 World Congress of the World Leisure and Recreation Association. The article is titled. "Towards Understanding Identity: some Difficulties with the perspective Invention of Tradition."

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. (Sac), 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. | |
| | (Upto 31.8.1993) | |
| 5. | Mrs. Sanjyot D. Pai | Lecturer |
| | Vernekar, M.A. (Phil) | |
| 6. | Mrs. Milan B. Desai | Junior Research |
| | | ICPR, Delhi |
| | | Since August, 1992. |

Details of Research Students:

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

- | | | |
|-----|------------------|---|
| i) | Dr. R. A. Sinari | 3 |
| ii) | Dr. A. V. Afonso | 4 |

Ms. Madhavi Bharne completed Ph.D. project under the guidance of Dr. A. V. Afonso.

Research Project:

The UGC has sanctioned a grant of Rs. 1,73,000/- for the Research Project 'A Phenomenological Study of Indian Religiosity'. The Chief Conductor of the Project is Prof. R. A. Sinari.

Visitors to the Department and Departmental Activities:

1. **Prof. Hans Poser** of the Technical University Berlin, **Prof. John Mayer** of the Brock University, Canada, and **Prof. Darrol Baryant** of Waterloo University, Canada, were short-term Visiting Professors in the Department.
2. The Department organized a one-day discussion session on "The Teaching of Philosophy" in which instructors in Philosophy in colleges in Goa and a few representatives of Philosophy classes (undergraduate and postgraduate) participated as invitees.
3. The Department organized, for I.C.P.R., New Delhi the Young Research Scholars Seminar on "Tolerance, Conflict and Ideology in Indian Perspectives."

Participation in Seminars, Conferences and Workshops:

Dr. R. A. Sinari

1. International Seminar on "The Anthropocentric and Cosmocentric Elements in Indian Thought" in Kolhapur (organized by the Institute of Religious Studies, Pune). The title of the paper presented: "Man-Nature Unison in Hindu Metaphysics."
2. International Seminar on "Scientific Realism" at Delhi University, Delhi. (Organized by University of Delhi and Max Mueller Bhavan, Delhi). The title of the paper presented: "The Real, the Given and the Constructed: Sankara and Husserl".
3. International Seminar on "Swami Vivekananda" in Hyderabad (organized by the I.C.P.R., Delhi). The title of the paper presented: "Vivekananda: the Vedantin in Theory and Practice".
4. Seminar on "NK Devaraja's Philosophy" at Poona (organized by the I.C.P.R., Delhi). The title of the paper presented: "On Professor Devaraja on Philosophy".

Dr. U. A. Vinay Kumar

1. Attended to following lectures:
 - i) On "Philosophy of Religion" - by Darrol Bryant.
 - ii) On "Philosophy of Science" - by Hans Poser.
2. Attended a workshop of the teachers of Philosophy held on 13.08.1993 at Goa University.
3. Mrs. Sanjyot D. Pal Vernekar:
 - 1) Attended a whole day workshop of the teachers of Philosophy held on 13.08.1993 at Goa University.
 - 2) Attended lectures by Dr. Darrol Bryant on Philosophy of Religion and by Dr. Hans Poser on Philosophy of Science.

3.1 DEPARTMENT OF MATHEMATICS

Teaching and Research Staff:

1. **Dr. S. G. Deo** Professor
M.Sc.; Ph.D.
(Till September, 1993. Re-employed till service terminated on December 31, 1993)
2. **Dr. Y.S. Prahalad** Reader & Head
M.Sc.; Ph.D.
(Since October, 1993) No. of Research Students
M.Phil./Ph.D.

3. **Dr. M. T. Nair**
M.Sc.; Ph.D. Reader
4. **Shri A. Banerjee**
M.Sc. Lecturer
5. **Dr. A. J. Jayanathan**
M.Sc.; Ph.D. Lecturer
6. **Dr. M. Ganesh**
M.Sc.; Ph.D. Lecturer
7. **Shri Y. S. Valaulikar**
M.Sc.; M. Phil. Lecturer

Details of Research Students:

Name of the Guiding Teacher	Dr. Y. S. Prahalad
	Dr. M. T. Nair
	Dr. A. J.
Jayanathan	1
Dr. M. Ganesh	1

Research Project:

There are no department projects. However the following projects are undertaken by teachers in their individual capacity.

Dr. Y. S. Prahalad:

Holds a project sponsored by DST, Delhi entitled 'Hydrodynamics and Astrophysics' for three years with a financial assistance of Rs. 4,92,660/-.

Dr. A. J. Jayanathan:

Holds a project sponsored by C.S.I.R. entitled 'Study of Invariants in Topology', with a financial assistance of Rs. 60,000/-.

Visitors to the Department:

1. Professor Istevan Gyori,

Albert Szent Gyoryi Medical University, Computer Centre, Koranyi Fasor 9, H-6720, Szeged, Hungary visited the Department during July, 27-August, 2, 1993 and delivered six lectures on the introduction to the theory of Differential Equations with Delay Mathematical Model on Certain Biological Compartmental Systems.

2. Professor N. G. Marchuk,

Steklov Institute for Mathematics Russian Academy of Sciences, Moscow visited the Department in September, 1993 and delivered two lectures on some Partial Differential Equations.

3. **Professor K. D. Elworthy**, Mathematic Institute, University of Warwick, Coventry, U.K., CV4 7AL visited the Department during December 24-27, 1993 and delivered lectures on Probability Theory and Homology of Manifolds.
4. **Professor Vidar Thomee**, Chalmers University of Technology, Goteberg, Sweden, visited the Department during February 12-15, 1994 and delivered lecture on Finite Element Methods For Poisson Equation.
5. **Professor Jose Maria de Cuadrose Costa**, Chancellor, Concite-Instituto Damiao De Goes visited the Department on February 16, 1994.
6. **Professor A. D. Joshi**, Department of Mathematics, University of Poona, Pune visited the Department during February 19-20, 1994 and delivered D. B. Wagh Annual Lecture Series.

Visits Abroad:

1. **Dr. M. T. Nair:** Visiting Fellow at the Centre for Mathematics and Applications, Australian National University, Canberra, Australia, during June-December, 1993.
2. **Dr. M. Gaflesh:** SERC (U.K.) Visiting Fellow, School of Mathematical Sciences, University of Bath, Bath, U.K. April-June, 1994.

Participation in Seminars, Conferences and Workshops:

M. T. Nair

1. Attended the Conference on 'Computational Techniques and Applications - CTAC93' at Australian National University during July 5-7, 1993 and delivered a invited talk on Parameter Choice For Tikhonov Regularizations.
2. Attended the International Conference on 'Vistas in Modern Applied Mathematics' at Goa University during December 13-16, 1993 and delivered invited talk on Tikhonov regularization with unbounded regularizing operators.
3. Participated in the Discussion Meeting on Harmonic Analysis, at Indian Institute of Technology, Bombay, during February 11-13, 1994.

A. J. Jayanthan

Attended Instructional Conference on Combinatorial Topology and Algebra at I.I.T. Bombay 5-24, December, 1993.

M. Ganesh

Presented a paper in the International Conference

on 'Vistas in Modern Applied Mathematics', held at Goa University, December 13-16, 1993.

A. Banerjee

Delivered a lecture titled 'Elementary Differential Geometry' at I.I.T. Kanpur in November 1993.

Publications

M. T. Nair

Journals:

1. On accelerated refinement methods for operator Equations of the second kind. Journal of Indian Mathematical Society, Vol. 59, (1993), 135-140.
2. An a-posteriori parameter choice for simplified regularization of ill-posed problems (with Santhosh George).

Integral Equations and Operator Theory, Vol. 16, (1993), 392-399.

Research Reports:

1. On Spectral properties of perturbed operators, Research Report, CMA-MR-31-93, SMS-74-93.
2. On a generalization of Arcangeli's method for Tikhonov regularization with inexact data (with Santhosh George) Research, CMA-MR-43-93, SMS-88-93.
3. The trade-off between regularity and stabilization in Tikhonov regularization. Research Report No. MR-8-94.

Centre for Mathematics and Applications, Australian National University.

Any Other Details:

1. The department in collaboration with the ComCon Board, Los Angeles organized an international conference "Vistas in Modern Applied Mathematics" during December 13-16, 1993.

2. Dr. M. T. Nair

l) Gave two subject-upgradation Lectures for participants of orientation course.

3.2 DEPARTMENT OF PHYSICS

Teaching and Research Staff:

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

- | | | |
|----|--|----------|
| 3. | Dr. P. R. Sarode
M.Sc.; Ph.D. | Reader |
| 4. | Dr. G. R. Bhat
M.Sc.; Ph.D. | Lecturer |
| 5. | Dr. (Ms.) Uma Subrannanian
M.Sc.; Ph.D. | Lecturer |
| 6. | Dr. R. B. Tangsali
M.Sc.; Ph.D. | Lecturer |
| 7. | Dr. S. Deshpande
M.Sc.; Ph.D. | Lecturer |
| 8. | Dr. G. M. Naik
M.Sc.; Ph.D. | Reader |
| 9. | Shri Paresh Pal Asnodkar
B.E. | Lecturer |

Contributory Teachers:

Shri T. Suresh, M.Sc.; M.Tech.; Scientist, National Institute of Oceanography, Dona Paula, Goa.

Details of Research Students:

Name of the Guiding Teacher	No. of Research students		No. of students declared successful	
	M.Phil./Ph.D.		M.Phil./Ph.D.	
Dr. R. B. Prabhu	2		1	1
Dr. J. A. E. Desa	3	1	2	
Dr. P. R. Sarode	2	3	1	1

Research Project:

- Structures of Glasses Using Neutrons. J.A.E. Desa. IUC-DAEF sponsored.
- Neutron Scattering Studies of Rare-Earth Based Kondo Systems - R. B. Prabhu and P. R. Sarode - IUC-DAEF sponsored.
- Characterization of Ga-doped superconducting compounds. - P.R. Sarode. UGC Minor Research Project (Goa University).
- Fabrication of a soft x-ray spectrometer. - S. Deshpande. UGC Minor Research Project (Goa University).

Visitors to the Department:

- Prof. D. D. Sarma, I.I.Sc., Bangalore.
- Prof. R. M. Patil, Shivaji University, Kolhapur.
- Prof. J. Mchil, Mangalore University.
- Prof. S. H. Pati, I.I.T., Bombay.

Participation In Seminars, Conferences & Workshops:

- Department of Atomic Energy, Solid State Physics Symposium, December, 1993.
 - "X-ray Diffraction from a Simulated Waste Glass" - R. J. Parab, J.A.E. Desa, P.K. Wattal, P.B. Jahagirdar.
 - "X-ray Absorption Study of Cerium Intermetallics" - P. R. Sarode, K.R. Priolkar, R.B. Prabhu.
 - "Neutron Scattering and Thermoelectric Power of Cerium Heavy Fermion Systems" R.B. Prabhu, P.R. Sarode, K.R. Priolkar, S.K. Paranjpe.
- P.R. Sarode participated in the National Seminar on Solid State Ionics, held at Department of Applied Physics, Guru Nanak Dev University, Amritsar, during February 14-16, 1994. Invited talk on EXAFS.
- P.R. Sarode attended a National Committee Meeting on Synchrotron Radiation at the Centre for Advanced Technology (CAT), Indore, organised by Inter-University Consortium for DAE Facilities, Indore on February 18-19, 1994.

Publications:

- Effects of Chemical Combination on X-ray K - emission spectra of Chromium P.R. Sarode. X-ray Spectrometry (USA) 22, 138 (1993).
- X-ray absorption study of Cerium Intermetallics P.R. Sarode, K.R. Priolkar and R.B. Prabhu Proceedings of the DAE Solid State Physics Symposium, B.A.R.C., Bombay, held during December 27-31, 1993, Vol. 36-C, 116 (1993).
- Neutron Scattering and Thermoelectric Power of Cerium Heavy Fermion System - R.B. Prabhu, P.R. Sarode, K.R. Priolkar and S.K. Paranjape - Proceedings of the DAE Solid State Physics Symposium, B.A.R.C., Bombay, held during December 27-31, 1993, Vol. 36-C, 411 (1993).
- X-ray Diffraction from a Simulated Waste Glass R.J. Parab, J.A.E. Desa, P.K. Wattal and R.B. Jahagirdar Proceedings of the DAE Solid State Physics Symposium B.A.R.C., Bombay, December 27-31, 1993, Vol. 36-C.

' 3.3 DEPARTMENT OF CHEMISTRY

The Department of Chemistry consists of three disciplines, Inorganic, Organic and Physical Chemistry. For the Master's degree course the instruction is common for all the branches at the first year level while the

instruction in a specialised branch is given in the second year. Post-graduate degrees are awarded in each of the discipline separately.

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.	Reader
8. Dr. S.P. Kamat M.Sc., Ph.D.	Lecturer
9. Dr. V.P. Kamat M.Sc., Ph.D.	Lecturer
10. Dr. A.V. Salker M.Sc., Ph.D.	Lecturer
11. Dr. S.G. Tilve M.Sc., Ph.D.	Lecturer
12. Dr. B. Dasgupta M.Sc., Ph.D.	Lecturer
13. Dr. B.R. Srinivasan M.Sc., Ph.D.	Lecturer
14. Dr. N. Chandrasekhar M.Sc., Ph.D.	Lecturer
15. Mrs. Sunita Nair M.Sc., Ph.D.	Research Associate

During the year Dr. K.S. Rane has been awarded 'Visiting Associateship' of CSIR for a period of two years. Dr. S.P. Kamat joined his studies as Reader in Organic Chemistry on June 2, 1994.

Contributory Teachers:

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. R.B. Tangsale, Department of Physics, Goa University.

Details of the Research Students:

Name of the Guiding Teacher	No. of students Ph.D.
Prof. S.K. Paknikar	3
Dr. J.S. Budkuley	2
Dr. K.S. Rane	2
Dr. J.B. Fernandes	1
Dr. A.V. Salker	1

Shri Joydeep Bhattacharjee and Shri K.K. Nadkarni submitted their Ph.D. thesis.

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 3 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 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-A'. Funded by DST, New Delhi (Duration 2 years).
6. Dr. V.P. Kamat 'Studies on Terpenoids', Funded from UGC unassigned grants, Goa University. (Duration 3 years).
7. Dr. S.G. Tilve 'Synthetic Studies of Natural Products' Funded from UGC unassigned grants, Goa University (Duration 2 years).
8. Dr. N. Chandrasekhar 'Studies of Spectral, Kinetics and Redox Properties of one-electron adducts of Some Biologically Important Molecules'. Funded by DST, New Delhi (Duration 2 years). Some staff members have submitted research projects for financial assistance to various funding agencies, such as CSIR, DST, UGC unassigned grants, etc.

Visitors to the Department:

1. Dr. Joachim B.G. Hoffmann, Director, German Academic Exchange Service, New Delhi.
2. Dr. Lucinda Cordero, Epitope Inc. Beavertor, Oregon, U.S.A.
3. Dr. S.P. Acharya, Acharya Chemical, Bombay.
4. Dr. R.S. Kapil, Director, R.R.L. Jammu.
5. Dr. Vijay Nair, Regional Research Laboratory, Trivendrum.
6. Prof. M.V. George, Regional Research Laboratory, Trivendrum.
7. Dr. Suresh Das, Regional Research Laboratory, Trivendrum.
8. Prof. J.K. Ray, I.I.T., Kharagpur.
9. Prof. M. Periasamy, School of Chemistry, University of Hyderabad.
10. Dr. Uday Maitra, I.I.Sc., Bangalore.
11. Dr. Santanu Bhattacharya, I.I.Sc., Bangalore.
12. Dr. S.V. Lonikar, P.G. Centre, Shivaji University, Kolhapur.
13. Dr. M.G. Kulkarni, University of Poona.
14. Prof. P.L. Mujumdar, Calcutta University, Calcutta.
15. Dr. B.G. Hazra, National Chemical Laboratory, Pune.
16. Prof. Mrs. S.V. Bhat, I.I.T. Bombay.
17. Prof. Goverdhan Mehta, University of Hyderabad.
18. Prof. U.R. Ghatak, Indian Association for Cultivation of Science, Calcutta.
19. Prof. S.V. Kessar, Punjab University, Chandigarh.
20. Dr. S.C. Pakrashi, Indian Institute of Chemical Biology, Calcutta.
21. Dr. T. Ravindranathan, National Chemical Laboratory, Pune.
22. Prof. S. Chandrasekharan, I.I.Sc., Bangalore.
23. Prof. G.S.R. Subba Rao, I.I.Sc., Bangalore.

Visits Abroad:

1. Dr. A.V. Salker left for Germany to attend the 30th International Seminar for Research & Teaching in Chemical Engineering and Physical Chemistry at the University of Karlsruhe under DAAD fellowship for a period of one year and three months.

Participation in Seminars, Conferences and Work-

shops:

- a) Following papers were presented by the staff members:
 - i) Dr. J.B. Fernandes presented a paper 'Comparative Effects of the Immunosuppressant drugs on Platelet Function' at 14th Congress of the International Society of Thrombosis and Haemostasis' July, 1993.
 - ii) Dr. K.S. Rane presented a paper 'Electrochemical Analysis of Iron (II) Carboxylated and r-Fe203' at the 9th National Symposium on Therman Analysis (ITAS), Goa University, November, 1993.
 - iii) Dr. J.B. Fernandes and Elizabeth Korncki: i) 'Monoclonal Antibody M.Ab G.10 Binding to Human Platelets' and ii) 'Monoclonal Antibody M.Ab. F-11 Binding to Human Platelets to the International Conference on Human Leukocyte' held at New York, USA, November, 1993.
 - iv) Drs. V.P. Kamat and S.G. Tilve attended the training course in 'Frontier Areas of Organic Synthesis' sponsored by UNIDO & Italian Government at I.I.Sc., Bangalore, December, 1993.
 - v) **Dr. N. Chandrasekhar** participated in the SERC School on 'Chemical and Biological Applications of Lasers and Accelerators' sponsored by DST - Department of Chemistry, University of Poona, January, 1994.
 - vi) Dr. V.P. Kamat presented a paper 'A Simple and Short Synthesis of 2(2' - Aminobenzylamina) Benzyl Alcohol, a constituent of Justicia Gurdarussa Burm Leaves at the 81st Session of the Indian Science Congress, University of Rajasthan, Jaipur, January, 1994.
 - vii) Dr. &P. Kamat presented a paper 'Synthesis of (+)-6-hydroxy-3, 3-dihydro-4, 7-dimethylbenzo-1-pyran-2(H)-one, a tetranor-sesquiterpenoid at the 81st session of the Indian Science Congress University of Rajasthan, Jaipur, January, 1994.
 - viii) Dr. J.B. Fernandes presented a paper 'Energy Conservation and Alternatives' at the Workshop on Conserving the Biodiversity of Western Ghats' at N.I.O. Goa, January, 1994.
 - ix) Dr. V.P. Kamat presented a paper 'Biodiversity and Pesticides' at the Workshop on 'Biodiversity in Western Ghats' organised by **International Institute of Rural Reconstruction**. Philipins at N.I.O. Goa, January, 1994.

- x) Dr. J.B. Fernandes presented a paper 'Development of a Room Temperature Solid Electrolyte Fuel Cell: H₂/H₃PW12040.29H₂O/02 at National Symposium on Electrosorption and Electrodeposition' at 1.1.T. Bombay, April, 1994.
- b) Weekly Seminar Session is a very important activity of this department. The M.Sc. students, research students and faculty members deliver seminar talks. Lectures by visitors are also arranged on the weekly seminar day as far as possible. Prof. S.K. Paknikar, Dr. K.S. Rane, Dr. J.B. Fernandes, Dr. S.P. Kamat, Dr. V.P. Kamat, Dr. S.G. Tilve, Dr. B.R. Srinivasan delivered lecture/s during the academic year Dr. B.M. Nagarajan, Lithium Batteries Goa and Prof. M.S. Wadia University of Poona also delivered lectures. Mr. Vidyadatta Verenkar, a research student gave Rs. 300=00 for encouraging M.Sc. students to participate in the seminar activity.
- c) The department organised 9th National Workshop and also a seminar on Thermal Analysis during November, 1993. Dr. J.S. Budkuley was the Convenor (local).
- d) The department also organised the DST, Group Monitoring Workshop in Organic Chemistry' during April, 1994. Dr. S.P. Kamat worked as a Convenor.
- e) Drs. J.S. Budkuley, K.S. Rane, B.R. Srinivasan, J.B. Fernandes and Prof. S.K. Paknikar delivered lectures in the subject upgradation programme at different orientation courses arranged by the Academic Staff College.
- f) Prof. S.K. Paknikar participated as Resource Person at the 'Refresher Course in Chemistry, Academic Staff College, Karnataka University, Dharwad, (Sept. 1993).
- g) Dr. J.S. Budkuley participated as Resource Person at the 'Refresher Course in Chemistry, Academic Staff College, Karnataka University, Dharwad (Sept. 1993 & March 1994).
- h) Dr. B.R. Srinivasan delivered an invited lecture entitled Highlights of Bio-inorganic Chemistry at Post-graduate Department of Chemistry, Saraswati Narayan College, Madurai (Oct 1993).
- i) Dr. K.S. Rane delivered an invited lecture on 'The Application of the Thermoanalytical Methods in Building Materials, Cement Hydration Products' at the 9th Workshop on Thermal Analysis (ITAS), Goa University (November, 1993).
- Dr. S.G. Tilve spent 3 months (Oct-Dec 93) at N.C.L., Pune under SERC Visiting Fellowship of

DST.

- k) Dr. V.P. Kamat delivered an invited lecture 'Pesticidal Pollution' at Indian Rubber Institute, Goa Chapter (March 1994).
- j) Prof. S.K. Paknikar delivered four lectures on 'Carene Chemistry' at P.E.S. College, Ponda.
- m) Dr. S.P. Kamat successfully completed a part-time course in 'Computer Programming & Personal Computer Operations' conducted by Computer Society of India Goa, Chapter (Sept 93 - March 94).

Research Publications and other Articles:

1. Transformation of -santonin via two independent pathways by Pseudomonas strain S ATCC 43388, D. Coleco, I. Furtado, U.P. Naik, S. Mavinkurve and S.K. Paknikar, Letters in Applied Microbiology, 17, 212 (1993).
2. p-Menthan-1, 2B, 4B -triol- Revised structure of Mullilam diol : A constituent of Zanthoxylum rehtsa DC. S.K. Paknikar & V.P. Kamat J.Ess. Oil. Research, 5, 659 (1993).
3. 'Synthesis and decomposition of ferrous oxalato hydrazinate Precursors to obtain Manganese Oxides', V. Borkar, K.S. Rane & V.N. Kamat Dalai, J. of Mat. Sc., : Mat. in Electronics, 4, 241 (1993).
4. A Simple Synthesis of 4-aryl-3, 4-dihydro coumarins, J.K. Kirtany, Ind. J. Chem., 23B, 993 (1993).
5. Thermal Properties of Metal - hydrazinium Nitrilotriacetate Salts, G.K. Naik & J.S. Budkuley, Proc. 9th Nat. Symp. Therm. Anal., 472 (1993).
6. Comparative Investigation of the effects of the Immuno-suppressants Cyclosporine-A, Cyclosporine-G and FK-506 on Platelet Activation, J.B. Fernandes and E. Kornecki, Cellulose and Molecular Biology Research, 39, 265 (1993).
7. Effect of Irradipsine on Platelet Function, J.B. Fernandes & E. Kornecki, Thrombosis Research, 72, 373 (1993).
8. Single Crystal X-ray structural Characterisation of Bi X₂(s₂CNEt₂) X=C1, Br, P.K. Bharadwaj, A.M. Lee, B.W. Skelton, B.R. Srinivasan & A.H. White, Aust. J. Chem. 47, 405 (1994).
9. Synthesis of (+)-6-hydroxy-3, 4-dihydro-4, 7-dimethylbenzo-1-pyran-2(H)-one, atetranorsesquiterpenoid, K.K. Nadkarni, S.P. Kamat & S.K. Paknikar, Ind. J. Chem., 33B, 432 (1994).
10. A simple and short synthesis 2(2'-Aminobenzylamino) Benzyl Alcohol, A constituent

of *Justicia gurdarussa* Burm Leaves, V.P. Kamat & J.K. Kirtany, Org. Pre. Proc. International, 26, 494 (1994).

11. A Single-step synthesis of ayapin, limmettin, scoparone, leptodactylone. fraxinol, isoscopoletin, 5,6,7-trimethoxy coumarin and 7-methoxy-8-hydroxy coumarin, S.K. Paknikar, J. Bhattacharjee, K.K. Nadkarni, J. Ind. Ins. Soc., 74, March-April (1994).

In addition to the publications listed above J.S. Budkuley, V.N. Kamat Dalai & S.R. Dharwadker. Edited the Proc. IXth Nat. Workshop on Thermal Analysis (November 1993).

Any Other Details:

The Department has initiated a programme of assigning research projects for students specializing in Organic Chemistry at the M.Sc. Second Year Level, since academic year 1992-93. During this year Prof. S.K. Paknikar supervised the work of four students, Dr. S.P. Kamat supervised the work of three students. Dr. V.P. Kamat guided two research students while Dr. B.R. Srinivasan participated in this programme and supervised the work of one student.

3.4 DEPARTMENT OF GEOLOGY

Teaching and Research staff:

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

Research staff:

1. Mr. Anthony Viegas JRF
M.Sc.

Contributory Teachers:

1. Dr. V.V. Peshwa, Department of Geology, University of Poona, delivered lectures in Remote Sensing.
2. **Prof. M.S. Mannikeri, Karnataka** University, Dharwad, engaged lectures on Principles of Stratigraphy and Palaeontology.
3. Dr. P.V. Sathe and Dr. M.R. Rameshkumar, Scien-

tist, National Institute of Oceanography, Dona Paula, engaged lectures in Remote Sensing.

4. Dr. P.K. Saraswati, IIT, Bombay engaged lectures in micropalaeontology.

Research students:

Name of Guiding Teacher	No. of students M.Phil./Ph.D.
1. Dr. A.G. Dessai	2
2. Dr. K. Mahender	1

Research .Projects:

1. Microfacies analysis of Miolitic limestones of Diu, Western India, D.S.T. sponsored project. Principal Investigator: Dr. K. Mahender Project completed.
2. Petrology of xenolith-bearing alkaline dyke-swarm, associated with Deccan Volcanism, South of Bombay. DST sponsored project, in progress.

Visitors to the Department:

1. Dr. P.K. Basu, Director, Petrology Division, Geological Survey of India delivered a lecture on the "Evolution of the Proterozoic basins and associated mineralisation.
2. Prof N.A. Kashyp, Professor of Geology, Osmania University visited the Department and held academic discussions with the faculty.
3. Dr. T.R. Shreedhar Murthy, Head of the Department of Geology, Mangalore University, visited the Department and held discussion on academic curriculum of the Department.
4. Dr. A.V. Phadke, Professor of the Department of Geology, University of Poona, delivered a lecture on the "Khilari Earthquake".

Participation in Seminars, Conferences, Workshop:

1. Dr. A.G. Dessai, attended DST Group Monitoring Workshop at Cochin, in January, 1994.
2. Dr. A.G. Dessai contributed a research paper to the X convention of the Indian Association of Sedimentologists held at Dharwad (with D.B. Arolkar), November, 1993.
3. Dr. K. Mahender presented a research paper at the X convention of Indian Association of Sedimentologists, held at Dharwad, November, 1993.
4. "Dr. A.G. Chachadi contributed a research paper to the workshop at CWRDM, Kerala.

Publications:

1. Magma Fractionation and Mixing in Nephelinite Plug associated with Deccan magmatism at Murud-Janjira, South of Bombay, India. Journal of the Geological Society of India, Vol. 43, pp. 493-509, 1994.
2. Mineralogy of polymetallic sulphide mineralisation in Archaean greenstones at Tisk-Usgao Goa, India, Current Science Vol. 66, No. 11, pp. 824-825, 1994 (with D. French and D.B. Arolkar).
3. A comparative study of textures, mineralogy and sedimentation of selected beach sediments of Goa coast. Recent Researches in Sedimentology, Hindustan Publishing Corporation, New Delhi, pp. 202-213, 1993 (with Carvalho R., and Borcar, R.).

Popular Articles:

1. Refining quake predictions, "Deccan Herald" dated 15th November, 1993 (A.G. Chachadi).
2. Earthquake prediction - A wild guess, "Gomantak Times" dated 18th November, 1993. (A.G. Chachadi).

3.5 DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

The year 1993-94 is the seventh year since Department of Computer Science & Technology was set up and started MCA degree program. During the year under report 30 students got selected for admission to the six semester MCA course out of 118 eligible candidates. The selection has made through an Entrance Test held on 18th June, 1993. Finally, 28 students registered their names for 1st Semester of the MCA course. In addition, for the IIIrd semester, 17 students and for the Vth semester 15 students got themselves registered.

Teaching and Research Staff:

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|--|---------------|
| 1. Dr. Pralhad R. Rao | Reader & Head |
| M.Sc., Ph.D. | |
| 2. Shri S.A.M. Rizvi | Lecturer |
| M.Sc. (Maths),
P.G. Diploma in Computer Science | |
| 3. Miss Yma Pinto | Lecturer |
| MCA | |
| 4. Mrs. Jyoti D. Pawar | Lecturer |
| MCA | |
| 5. Mr. Ramdas Karmali | Lecturer |
| MCA | |

- | | |
|-----------------------|----------|
| 6. Mr. S. Baskar | Lecturer |
| M.Sc. (Comp. Science) | |

Contributory Teachers:

1. Dr. H. Sreekumar, Dept. of Management Studies, Goa University delivered 40 lectures on "Computer Assisted Management".
2. Shri Lalitkumar B. Shah, Chartered Accountant Panaji delivered 40 lectures on "Accounting & Financial Management".
3. Ms. Sharmila Veloso, Nirmala Institute of Education delivered 35 lectures on "Communication Skills".
4. Dr. J.B. Nadda, Dept. of Management Studies, Goa University delivered 40 lectures on "Organisation Structure and Personnel Management."
5. Prof. U. Amonkar, Engineering College Farnagudi, delivered 12 lectures on "Simulation and Modeling".

Visiting Teachers:

1. Dr. S.P. Mudur, Head, Graphics division, NCST Bombay delivered 15 lectures on "Interactive Computer Graphics".
2. Shri Ajay Kumar Gupta, Scientist, NCST Bombay delivered 10 lectures on "Unix and Shell Programming".
3. Shri M. Sashikumar and Shri P. Srinivasan, Scientist NCST, Bombay together delivered 30 lectures on "Artificial Intelligence".
4. Shri Joydeep Thripathy and Ms. Geetanjali Sampamane, Scientists, NCST Bombay together delivered 27 lectures on "Distributed Computing and Network".

4.1 DEPARTMENT OF BOTANY

Teaching and Research Staff:

- | | |
|-----------------------------|----------|
| 1. Dr. S.R. Yadav | Reader |
| M.Sc.; D.HED; Ph.D.; FIAT | |
| 2. Dr. B.F. Rodrigues | Lecturer |
| M.Sc.; Ph.D. | |
| 3. Dr. P.K. Sharma | Lecturer |
| M.Sc.; Ph.D. | |
| 4. Dr. U.V. Kerkar | Lecturer |
| M.Sc.; Ph.D. | |
| 5. Dr. M.K. Janarthanam | Lecturer |
| M.Sc.; M.Phil.; Ph.D.; FIAT | |

Contributory/Visiting Teachers:

1. Prof. Menezes, Dhempe College, Miramar, Panaji, Goa delivered 16 lectures for newly introduced course "Mathematics, Statistics and Computer Programming".
2. Prof. R.M. Pal, Department of Botany, Marathwada University, Aurangabad delivered series of lectures in Botany for students and staff from 28.2.1994 to 01.3.1994.

Research Project: (Ongoing)

1. Effectiveness of UV-B radiation and interaction with high CO₂ and temperature on growth, Physiology and biochemistry of Wheat. (P.K. Sharma) Rs. 2,58,000/- DST.
2. Survey, Screening and selection of metal tolerant native plant species for launching an effective revegetation programme of Iron Mines in Goa - (B.F. Rodrigues).

Visits Abroad:

Dr. S.R. Yadav, participated in the XV International Botanical Congress held at Yokohama, Japan during 28th August to 3rd September, 1993 and presented two papers.

Participation in Seminars, Conferences and Workshops:

1. Yadav S.R. (1993) Morphocytogenetical Analysis of *Camptorrhiza* and *Iphigenia* (Colchicaceae) from India. xv IBC Yokohama, Japan.
2. S.R. Yadav and J. Murata, 1993, *Arisaema* in South India (Araceae) xvth IBC, Yokohama, Japan.
3. Yadav S.R. 1994. Endangered plant species and their linkages with ecology in Workshop on "Biodiversity in Western Ghats", NIO, Goa.
4. Kerkar U.V. 1994. "Marine Algae of Central West Coast of India" in workshop on "Biodiversity in Western Ghats" NIO, Goa.
5. Rodrigues B.F. 1994. "Rehabilitation strategies for iron ore mines waste land in Goa. In workshop on 'Biodiversity in Western Ghats' Goa.
6. Rodrigues B.F. and V.B. Miranda 1994. Vegetation survey to identify probable plants species for revegetation of iron ore mines wastelands in Goa. In symposium on; "Frontiers in plant Science Research" Hyderabad.

Publications:

Paper published:

1. Yadav S.R., V.N. Path, G.B. Dixit and N.P. Singh, 1993. A new species of *Brachystelma* (Asclepiadaceae) from India Knew Bull. 48:59:61.
2. Yadav S.R., N.P. Singh and B. Mathew, 1993. A new species of *Camptorrhiza* (Colchicaceae) from India. Knew Bull. 48(4):735-737.
3. Yadav S.R., K.S. Patil and N.P. Bachulkar, 1993. *Arisaema sohyadricum* (Avaceae) A new species from India. Willdeniowia 23:177-179.
4. S.R. Yadav, K.S. Patil and J. Bogner, 1993. Kritische bremerkungen iiber die indentitat von *Cryptocoryne Cognatoides* Blatter & Mc Cann (Araceae) Aqua-Planta, 18:62-67.
5. Bachulkar M.P. and S.R. Yadav, 1993. Saffron thistle, *Carthamus lanatus* Linn. A new record from Maharashtra. J. Econ. & Tax. Bot. 17(2):445-448.
6. Kerkar U.V., 1994. Minnerological studies on Calcareous algae. Curr. Sci 66(5):381-382.
7. Rodrigues B.F. 1993. Gamma irradiation induced physiological variabilities in *Canavalia gladiota* (Jaeq) DC. (Sword bears) comparative Physiol & Ecd 18(3) :127-130.
8. Rodrigues B.F. 1993, Gamma irradiation indus variabilities in *Canavalia Virosa* Journ. Ecol. 5(1) :65-67.

4.2 DEPARTMENT OF ZOOLOGY

Teaching and Research Staff:

- | | |
|---------------------------------|---------------|
| 1. Dr. A.B. Shanbhag | Reader & Head |
| M.Sc.; Ph.D. | |
| 2. Dr. P.V. Desai | Reader |
| M.Sc.; Ph.D.; B.Ed. | |
| 3. Dr. I.K. Pai | Lecturer |
| M.Sc.; Ph.D.; PGDEP; PGDE; FAGE | |
| 4. Dr. S.K. Shyama | Lecturer |
| M.Sc.; Ph.D. | |
| 5. Dr. R. Roy | Lecturer |
| M.Sc.; Ph.D. | |

Contributory Teachers:

1. Dr. G. R. Bhat from Dept. of Physics, Goa University.

2. Mr. J. Menezes from Dhempe College, Panaji.

Details of Research Students:

Name of the Guiding Teacher	No. of students M.Phil./Ph.D.
Dr. A.B. Shanbhag	1
Dr. P.V. Desai	2

Research Projects:

Dr. I.K. Pal: "The Biodiversity of Natravalim-Jamgal area, Goa" (as co-investigator) funded by Pew Foundation through Indian Institute of Science, Bangalore.

Dr. S.K. Shyama: "Studies on the economically important birds of Goa" (as Principal Investigator) UGC-University Grants.

Dr. R. Roy: "Efficacy of linolenic acid metabolism in freshwater fishes" (as Principal Investigator) funded by D.S.T., New Delhi, as Young Scientist Research Project).

Visitors to the Department:

1. Prof. K.P. Gopinathan, Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore.
2. Prof. Tibor Farcas, Director of Institute of Biochemistry, Biological Research Centre, Hungary.

Participation in Seminars/Conferences/Workshops:

Dr. A.B. Shanbhag:

1. Participated in the National Workshop on Animal Tissue Culture Technology at National Dairy Research Institute, Karnal, Haryana, from 6th Sept. to 18th Sept. 1993.
2. Attended First National Seminar on changing scenario of bird ecology and conversation at Bangalore, Karnataka from 12th November-14th November, 1993.
3. Worked as a Reactor for the workshop on conservation of biodiversity in western ghats held at NIO, Goa from 15th Jan. to 31st Jan. 1994.

Dr. P.V. Desai:

1. Participated and presented a paper in workshop on Biodiversity of Western Ghats, WWF, Goa-IRRI, Jan. 15-31, 1994.
2. Presented a paper in faculty seminar.

Dr. I.K. Pal:

1. Presented a research paper in II National Conference on mulberry sericulture research, Berhampore,

Nov. 18-19, 1993.

2. Participated and presented a Research paper in workshop in Biodiversity of Western Ghats, WWF, Goa-IRRI, Jan 15-13, 1994.
3. Presented a research paper in X Int. Canadian Stud. Conf. Goa, May 10-13, 1994.
4. Attended a Refresher Course in Zoology from 1.7.1993 to 21.7.1993, conducted by ASC, Burdwan University, Burdwan, West Bengal.
5. Dr. I.K. Pai and Dr. S.K. Shyama attended Refreshers Course in Zoology from 1.3.1994 to 22.3.1994, conducted by ASC, Goa University, Goa.
6. Dr. I.K. Pai attended DBT sponsored short term training programme on "High level gene expression of foreign gene using Bombay mori baculovirus expression vectors in silkworm larvae and cells" from 18.10.1993 to 6.11.1993 at Madurai Kamraj University, Madurai.
7. Dr. R. Roy attended a Orientation course conducted by ASC, Goa University, Goa from 7.1.1994 - 3.2.1994.

Publications:

1. S.K. Shyama and Abdul Rahiman, Progestin (Northisterone) induced genetic damage in mouse bone marrow, Mutation Research, 300(1993): 215-221.
2. R. Roy: Regulation of membrane structure and function during thermal acclimatisation of *Cyprinus carpio* Ind. J. Comp. anim. Physiol. 11: 1-6 (1993).

Popular Articles:

Dr. I.K. Pal:

1. Reshmekrishi-VII: Kannada Magazine, Krishiloka, 1994, 27(6):7-8.
2. Udayavani, Kannada daily, 15-12-1994.
3. Reshmekrishi-VI II: Kannada Magazine, Krishiloka, 1994, 27(10):8-9.

Any Other Details:

1. Dr. A.B. Shanbhag worked as Coordinator of Refresher course in Zoology, conducted by ASC, Goa University, Goa.
2. Dr. P.V. Desai, S.K. Shyama, and Dr. R. Roy worked as resource persons in Refresher course in Zoology conducted by ASC, Goa University, Goa.
3. Dr. R. Roy is doing a collaborative research with NIO on "Lipid profiles in biofouling organisms."

4.3 DEPARTMENT OF MICROBIOLOGY

Teaching and Research Staff:

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|----|----------------------------------|------------------|
| 1. | Dr. (Kum) S. Mavinkurve
Ph.D. | Professor & Head |
| 2. | Dr. J. D'Souza
Ph.D. | Reader |
| 3. | Dr. D.J. Bhat
Ph.D. | Reader |
| 4. | Dr. (Kum) I. Furtado
Ph.D. | Lecturer |
| 5. | Dr. S. Bhosle
Ph.D. | Lecturer |
| 6. | Dr. S. Nazareth
Ph.D. | Lecturer |

Research Staff:

1. N. Kamat, M.Sc.
Senior Research Fellow (Goa DST)
w.e.f. 6.6.90 to 5.9.93.
2. Mrs. S.M. Kaliwal, M.Sc.
Senior Research Fellow (CSIR)
w.e.f. 1.1.91 to 30.9.93.
3. Mrs. S. Raj, M.Sc.
(NET qualified) w.e.f. 1.8.92.
4. Ms. N. Parmekar, M.Sc.
Junior Research Fellow (DAE)
w.e.f. 9.10.91.
5. Ms. F. Sequeira, M.Sc.
Research Assistant (Goa DST)
w.e.f. 2.9.92 to 30.4.94.
6. Ms. F. Saldanha, M.Sc.
Research Assistant (Goa DST)
w.e.f. 26.9.92.
7. Ms. M. D'Souza, M.Sc.
Research Assistant (DOE)
w.e.f. 16.10.92.
8. Ms. B. Lobo, M.Sc.
Research Assistant (DOE)
w.e.f. 16.10.92.
9. Ms. S. Phal, M.Sc.
Research Fellow (G.U.)
w.e.f. 5.1.93 to 1.2.94.

Contributory teachers:

1. Prof. S. Raghukumar, Scientist, N.1.0., delivered 2 lectures.
3. Dr. E. Descale, Spain delivered lecture on Biology

2. Dr. G.R. Bhat, Lecturer, Goa University delivered 18 lectures.
3. Dr. Y.S. Pralhad, Reader, Goa University delivered 18 lectures.
4. Dr. P.K. Sharma, Lecturer, Goa University delivered 4 lectures.

Visiting experts:

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

1. Dr. K.L. Bhowmick, Calcutta delivered lecture on Mushroom cultivation and technology on 12.7.1993.
2. Dr. G.N. Pandye, Hissar delivered lecture on current trends in Human and Animal vaccine research on 24.9.1993.

and ecology of aquatic fungi - an introduction on 30.10.1993.
4. Dr. G. Subramanyam, Wipro delivered lecture on DNA sequencing on 24.3.1994.

Details of Research students:

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

The M.Sc. Part-II students successfully completed the dissertation/project work assigned to them on below mentioned topics.

1. Madhavi Nagvenkar Project- "Microbiological studies of mangrove pneumatophore" under the supervision of Dr. S. Bhosle.
2. Judith Sampy Project- "Studies on the lignocellulosic enzymes of *Panus tigrinus*" under the supervision of Dr. S. Nazareth.
3. Rakhee Kunde Project- "Microbial ecology and the treatment of solid waste at Margao-Goa" under the supervision of Dr. J. D'Souza.
4. Gurudatt Naik Project- "Microbial diseases of fish and prawn in Goan estuaries and aquaculture ponds" under the supervision of Dr. J. D'Souza.
5. Beuben Aguiar Project- "Degradation of fractions of crude oil by *Halobacterium* Strain B1" under the supervision of Dr. I. Furtado.

6. Harshendra Sardesai Project- "Studies on aromatic compounds degrading microorganisms from industrial effluent" under the supervision of Dr. S. Bhosle.
7. Leena Verenkar Project- "Comparative studies of Sphingomonas strain S & Santonin negative Tn5 Mutant S-48" under the supervision of Dr. S. Mavinkurve.
8. Anupa Naik Project- "Isolation of decarboxy-lase from Fusarium solani" under the supervision of Dr. S. Nazareth.
9. Melrina Mascarenhas Project- "Studies on fungi infecting mosquito larvae from some ponds in Goa" under the supervision of Dr. D.J. Bhat.
10. Govind R. Shet Narvekar Project- "Studies on Halobacterium strain R1" under the supervision of Dr. I. Furtado.

Research Projects:

Prof. S. Mavinkurve

1. Department of Atomic Energy, Bombay sponsored project on "Genetic studies on Pseudomonas strain S. transforming - santonin for Rs. 6,40,000/- during the year 1990-94.
2. U.G.C. sponsored project on "Mechanism of transport and transformation of santonin" for Rs. 2,00,000/- during the year 1990-93.
3. CSIR sponsored project on "Interaction between microorganism & hydrophobic substrates longifolene & santonin" for Rs. 3,06,000/- during the year 1990-93.
4. DST (Goa) sponsored project on "Survey of identification of edible mushroom of Goa and their cultivation potential" for Rs. 2,10,000/- w.e.f. 1990.

Dr. S. Bhosle

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

Dr. I. Furtado

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

Dr. Joe D'Souza

1. DST (Goa) sponsored project on "Studies on improving garbage disposal system in Goa" for Rs. 1,18,000/- for the year 1992-94.
2. Dept. of Environment sponsored project on "Effect of mining on microbial ecology"* for Rs. 7,96,000/- for the year 1992-95.

*Part of main project, "Mining activity and its impact of water chemistry, Microbial Ecology & Environment, Bicholim Taluka, Western Ghats Goa-Possible restoration measures".

Visitors to the Department:

1. Prof. K.L. Bhowmick, Action Research Institute, Calcutta, visited and delivered a talk on 12.7.93.
2. Dr. G.N. Pandey, Hissar Agricultural University, Hissar visited and delivered a talk on 24.9.93.
3. Dr. Enrique Descals, Universitat Hies, Balears Palma Mallorca Spain worked in the Department for one week from 30.10.93.
4. Dr. K.P. Gopinathan, Microbiology & Cell Biology Department Indian Institute of Science, Bangalore visited the Department on 30.11.93.
5. Dr. S.A.H. Abidi, Director, Department of Ocean development Govt. of India, New Delhi visited the Department on 30.11.1993.
6. Dr. Jitendra Pal, H.P.K.U., **H.P.** visited the Department accompanied by 8 students on 6.12.93.
7. Dr. K.R. Sridhar, Department of Biosciences, Mangalore University, Mangalore visited the Department accompanied by 13 students of M.Sc. Biosciences on 17.1.1994.
8. Phil Ross, Director, Women Centre University of Washington, Seattle, Washington USA visited the Department accompanied by Sutapa Basu on 8.3.94.
9. Dr. B.A. Chopade, Microbiology Dept. University of Poona, Poona visited the Department accompanied by 15 students on 15.3.94.
10. Mr. V.B. More, Chromline, Bombay, Resource person for seminar on New vistas in Microbial techniques visited the Department on 23.3.94.
11. Mr. B.K. Chinoy, Sico, Bombay, Resource person for seminar on New vistas in Microbial techniques visited the Department on 23/24.3.1994.
12. Mr. G. Subramaniam, Wipro, Delhi, Resource person for seminar on New vistas in Microbial techniques visited the Department on 23/24-3-94.
13. Mr. Tapasvi, NIO, Goa, Resource person for seminar on New vistas in Microbial techniques visited the Department on 23.3.1994.
14. Y.I. Sethna, Dept. of Life Sciences, Vidyanagri, Bombay-400 098 visited the Department on 29.3.1994.

Visits Abroad:

1. Dr. Joe D'Souza, visited National Veterinary Laboratory, Lisboa, Portugal from 1.4.93 - 24.7.93 on Scholarship from Fundacao Oriente, Instituto Nacional de Investigacao.

Participation in Seminars, Conferences & Workshops:

1. Dr. I. Furtado participated in ICAR, Delhi, DBT sponsored training on Blue-green algae, during the period 4.10.93 to 16.10.93.
2. Dr. I. Furtado participated in Poona University Refresher course in Microbiology during the period 17.2.94 to 8.3.94.
3. Dr. I. Furtado, Dr. J. D'Souza and Dr. D.J. Bhat participated at NI 0, Goa as Resource person at the workshop on Biodiversity of western ghats from 15.1.94 to 31.1.94.
4. Dr. S. Mavinkurve participated at Institute of Science, Bombay as Resource person for refresher course in Microbiology in December, 1993.
5. Dr. S. Bhosle participated at Poona University a Refresher course in Microbiology during the period from 15.12.93 to 11.1.94.
6. Dr. S. Nazareth participated at Hissar Agri. Univ., Ludhiana, Delhi in AMI conference accompanied by students on study tour from 4.2.1994 to 15.2.1994.

Publications:

Papers published

1. Nazareth S. and Brushchi C.V. (1994). Electrophoretic karyotype of *Fusarium solani* (Mart.). Microbiology, 140:137.
2. Colaco D., Furtado I., Naik U.P., Paknikar S.K. and Mavinkurve S. (1993). Transport of alpha santonin via two independent pathways by *Pseudomonas* strain S. ATCC 43388. Let. Appl. Micro, 17, 212-214.
3. Bhat D.J. and Kendrick W.B. (1993). Fungal biodiversity in Southern India: 25 New Conidial fungi from forests of Western Ghats, India, Mycotaxon 49: 9-91.
5. Bhat D.J. (1994), New fungi from forests of Goa, India. Indian Journal of Forestry 17(2): 129-133.

Papers presented:

1. Parmekar N.R., Sangodkar U.M.X. and Mavinkurve S. (1994). Characterization of a Tn5 mutant of santonin degradation bacterial strain S (ATCC 43388). Presented at 34th Annual Conference of

Association of Microbiologists of India, Ludhiana.

2. Parmekar N.R., Sangodkar U.M.X. and Mavinkurve S. (1994). Demonstration of a megaplasmid from strain S (ATCC 43388) by horizontal gel electrophoresis. Ibid.
3. Verenkar L. and Mavinkurve S. (1994). Periplasmic location 1,2, alpha santonin dehydrogenase in bacterial strain (ATCC 43388). Ibid.
4. Kunde R. and D'Souza J. (1994). Microbial ecology and treatment of municipal waste at Margao, Ibid.
5. Sequeira F., Saldanha F. and D'Souza J. (1994). Studies on improving garbage disposal systems in Goa. Ibid.
6. Naik G.M. and D'Souza J. (1994). Diseases in Prawn in marine aquaculture of Goa. Ibid.
7. Lobo B., Souza M. and D'Souza J. (1994). Studies on the impact of mining on agricultural soils of Bicholim Taluka, Goa. Ibid.
8. Pereira M.C. and D'Souza J. (1994). Studies on microbial spoilages of antacids. Ibid.
9. Aguiar R. and Furtado I. (1994). Utilization of sodium benzoate by *Halobacterium* strain R1. Ibid.
10. Sardesai H.R. and Bhosle S. (1994). Studies on aromatic compound degrading micro-organisms from industrial effluent. Ibid.
11. Nagvenkar M. and Bhosle S. (1994). Micro-biological studies of mangrove pneumatophore. Ibid.
12. Mascarenhas M. and Bhat D.J. (1994). Observation of fungi infecting mosquito-larvae from some natural ponds in Goa. Ibid.
13. Phal S.S. and Bhat D.J. (1994). Fungal association with spices and condiments of Goan market, Ibid.
14. Sampy J.D., Kamat N.K.M. and Nazareth S.W. (1994). Studies on lignocellulosic enzymes of *Panus tigrinus*. Ibid.

Any other details:

1. "Teachers Meet" One day workshop of "Microbiology Teaching" organized for teachers of Microbiology in various colleges of Goa, including Govt. Polytechnic, Food Institute, Pharmacy College, Nursing and University held on September 11, 1993.
2. "New Vistas in Microbial Techniques" - a two day symposium organized at department of Microbiology on March 23-24, 1994. Resource personnel

from various instrumentation companies, participated by college and University teachers and students.

3. Organisation of faculty seminars in Goa University.
4. Short term training of M.Sc. Part-I students during summervacations at different institution in Bombay, Bangalore, Poona and Goa.

4.4 DEPARTMENT OF MARINE SCIENCES & MARINE BIOTECHNOLOGY

Teaching and Research staff:

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|-------------------------------|--------------|
| 1. Dr. U.M.X. Sangodkar | Prof. & Head |
| M.Sc., Ph.D. | |
| 2. Dr. C.L. Rodrigues | Reader |
| M.Sc., Ph.D. | |
| 3. Dr. G.N. Nayak | Reader |
| M.Sc., Ph.D. | |
| 4. Dr. P.M. Reddy | Reader |
| M.Sc., Ph.D. (on study leave) | |
| 5. Dr. H.B. Menon | Lecturer |
| M.Sc., Ph.D. (on study leave) | |
| 6. Dr. S. Upadhyay | Lecturer |
| M.Sc., Ph.D. (on study leave) | |
| 7. Shri S. Ghadi | Lecturer |
| M.Sc. | |
| 8. Ms. S. Kerkar | Lecturer |
| M.Sc. | |
| 9. Dr. U. Barros | Lecturer |
| M.Sc., Ph.D. | |
| 10. Dr. U.D. Muraleedharan | Lecturer |
| M.Sc., Ph.D. | |
| 11. Dr. V.M. Matta | Lecturer |
| M.Sc., Ph.D. | |
| 12. Dr. C. H. Rionker | Lecturer |
| M.Sc., Ph.D. | |

Research staff:

- | | |
|-------------------------|-----------|
| 1. Mr. L.H. Bhosle | JRF, CSIR |
| 2. Ms. Joanita Coelho | JRF, DBT |
| 3. Mr. Neil Fernandes | JRF, DBT |
| 4. Mr. Manish Bharadwaj | JRF, DBT |
| 5. Ms. Trupti Walke | TA, DBT |
| 6. Mr. S. Bhukari | JRF, DOEn |
| 7. Ms. A. Balamani | JRF, UGC |

3. Ms. Shakuntala Caeiro
4. Mr. Mohan Girap
5. Mr. Blaize Fernandes
6. Mr. Sanjeev Raiker

JRF, DOEn

JRF, DOEn

JRF, DOEn

TA, DOEn

Contributory Teachers:

1. Dr. A.H. Parulekar
2. Dr. A.B. Wagh
1. Dr. A.G. Untawale
2. Dr. D. Chandramohan
3. Dr. S. Verlenkar
4. Dr. S.P. Matondkar
5. Mr. Albert Gouveia
6. Dr. Z.A. Ansari
7. Dr. S.R.S. Nair
8. Dr. Anil Chatterjee
9. Dr. Lata Raghukunriar
10. Dr. Usha Goswami
11. Dr. Solimabi Wahidulla
12. Dr. Jayashree Gosh
13. Dr. C.T. Atchutankutty
14. Dr. Ramesh Babu
15. Dr. P.V. Sathe
16. Dr. C.G. Naik
17. Dr. S.W.A. Naqui
18. Dr. S.N. Harkantra
19. Dr. M. Ramaiah
20. Dr. R. Nigam
21. Dr. N.H. Hashimi
22. Dr. M.V. Ramana
23. Dr. A. Sarkar
24. Dr. V.P. Devassy
25. Dr. N.B. Bhosle
26. Dr. S. Sawant
27. Dr. T.V. Ravindran
28. Dr. A.C. Anil
29. Dr. S.U. Kamat
30. Dr. J.A. Menezes
31. Dr. P. Chandramohan
32. Dr. Rajendran
33. Dr. S.Y.S. Singbal
34. Dr. M.V.M. Wafer
35. Dr. C.T. Atchutankutty
36. Dr. M. Maadhupratap

39. Dr. A.B. Velshankar
40. Dr. V.N. Kodagali
41. Dr. T. Pratima
42. Dr. S.M. Karisiddaih
43. Dr. Dileep Kumar
44. Dr. Joseph Royan
45. Dr. V. Dhargalkar
46. Dr. Sreekumar Nair
47. Dr. P. Ratan Bharadwaz

Details of Research Students:

Name of the Guiding Teacher	No. of students M.Phil. Ph.D.
Dr. U.M.X. Sangodkar	4
Dr. C.L. Rodrigues	1
Dr. G.N. Nayak	2
Dr. H.B. Menon	1

Research Projects:

Dr. U.M.X. Sangodkar

1. Application Of natural & recombinant microorganism to biosurfactant production, oil spill degradation and pollution control". Funded by DBT, Ministry of Science & Technology, Govt. of India for 3 years. Amount Rs. 27.00 lakhs. "
2. Manpower Development in the field of Marine Sciences and Marine Biotechnology, 4 research fellowships with Contingency. Awarded by **DOD**, Ministry of Science & Technology, Govt. of India for 3 years.

Dr. C.L. Rodrigues

1. Taxonomical & Ecological survey of Lakshadweep for perumal park funded by Dept. of Environment, New Delhi. Amount Rs. 3,41,000.00 for three years (ongoing).

Dr. G.N. Nayak

1. Studies on sediment flux of rivers, estuaries and adjoining coastal waters of Goa, West coast of India (3,80,000.00). Two years and six months DOEn funded project. Final report submitted in August 1993.
2. Mining activity and its impact on water chemistry, microbial ecology and environment, Bicholimtaluka, Western Ghat, Goa - possible restoration measures (Rs. 7,96,400.00) 3 years DOEn funded project No. 3.

3. Impact on Mining on Environment in Goa - present status (Rs. 59,400.00) 6 months, DOEn funded project.

Topics of Research for Dissertation:

iii.Sc. Marine Sciences

Miss Bhaskaran Sheeja

1. "Retrieval of screening parameters from satellite microwave data". (Supervised by Dr. P.V. Sathe), MO.

Mr. Tashildar Aizaz S.

1. Water characteristics & mass transport in the Indian Ocean Equatorial Region" (Supervised by Dr. **H.B.** Menon).

Miss Nasnolkar Chanda

1. Organic carbon, Nitrogen & Phosphorous in the sediments of Mandovi estuary Goa" (Supervised by Dr. P.V. Shirodkar), NIO.

Miss Aguiar Mercy Queenie

1. The Energy source in the developing eggs of the Indian Horseshoe Crab. Tachypleus Gigas (Muller). (Supervised by Dr. Anil Chatterjee), **NIO**.

Mr. Desai Ulhas M.

1. Growth studies on Juvenile Marine Prawn Metapenaeus dobsoni (Miers). (Supervised by Mr. S.R. Sreekumaran Nair), NIO.

Miss Fernandes Brenda

1. Studies on Juvenile Penaeid Prawns. (Supervised by Dr. C.T. Atchuthankutty), NIO.

Miss Kurian Jolly

1. Studies on Macrofouling and larval development in Balanus amphitrite. (Supervised by Dr. A.C. Anil), NIO.

Mr. Velho Jose Garin Do Rosario

1. Grain size characteristics and heavy mineral studies of beach sediments between Chapora and Mandovi Rivers, Goa West Coast of India. (Supervised by Dr. G.N. Nayak).

M.Sc. Marine Biotechnoloav

Mr. P.K. Chandra

1. Studies on an extracellular protease producing marine STREPTOMYCES (Supervised by Ms. S. Kerkar).

Mr. Joy Joseph

1. Characterization of the Extracellular Differentiation inducing factor of Marine Cyanobacterium *Nodularia spumigena* HKVV. (Supervised by Dr. P.M. Reddy).

Ms. Patankar Aparna G.

1. Potential of marine mixed bacterial culture in degradation of the aromatic component of crude oil. (Supervised by Dr. U.M.X. Sangodkar).

Ms. Meenal M. Sawant

- 1 Comparison between catechol 2,3-Dio-oxygenases of Archtype *Pseudomonas putida* and Marine *Moraxella* sp. and transfer of Tol-Utilizing ability from *M. oraxella* to Terrestrial *Pseudomonas cepacia* PT88. (Supervised by Mr. S. Ghadi).

Mr. Baliga Nitin S.

1. Effect of insertion of heterologous DNA Fragments from *Akteromonas haloplanktis* 214 Genome on the copy number and stability of pBR322 derived plasmids in *Escherichia coli* AC80. (Supervised by Dr. U.M.X. Sangodkar).

Mr. Sandeep Saxena

1. Tissue Culture and Micropropagation of cashew *Anacardium occidentale* L. (Supervised by Dr. P.M. Reddy).

Ms. S. Gayathri

1. Effect of Quinoline on Metabolism of *Tilapia mossambica*. (Supervised by Dr. U. Muraleedharan).

Visitors to the Department

1. Himanshu Gupta, Dept. of Nuclear Medicine, J.K. Cancer Institute, Kanpur.
2. Sandeep Agarwal (student), M.Sc. in Life Sciences, Dept. of Life Sciences, University of Kanpur.
3. Nayeem Ahmad, Dept. of Biochemistry, J.K. Cancer Institute, Kanpur, U.P.
4. Dr. P.G. Kurup, Prof. & Head, Physical Oceanography and Meteorology Division, Cochin University of Science & Technology, Cochin.
5. Floren Elman, 406 Yale Ave, Swarthmore, PA 19081, USA.
6. Dr. S.A.H. Abidi, Director, Govt. of India, Dept. of Ocean Development, New Delhi.
7. Prof. M.N. Madhyastha, Mangalore University.
8. Dr. B.N. Ganguli, Biotechnology Division, Joechst India Ltd., Bombay 400 080.
9. Dr. N.S. Puneekar, Biotechnology Centre, IIT, Bombay 76.

10. Dr. M. Balasubramaniam, Director, Dept. of Biotechnology, New Delhi.
11. Dr. Lucinda Cardeiro, Epitope Inc., Beaverton, Oregon, USA.
12. Rufino Cardeiro, C. Enc., Bray, Berks, SL6 2EA.
13. Dr. K.P. Gopinathan, Prof. & Chairman, Microbiology, Cell Biology, Indian Institute of Science, Bangalore.
14. Sonu Kaul, Ex-student, Dept. of Microbiology & Biochemistry, University of Victoria, Victoria BC, Canada.
15. Dr. Jamshed R. Tata, Natl. Institute for Medical Research London, U.K.
16. Dr. Julian Gonsalves, Int. Institute of Rural Reconstruction, Philippines.
17. Dr. Paul Mundy, International Institute of Rural Reconstruction, Philippines.
18. Dr. K.R. Dirdhar, Lecturer, Oyn, Biosciences. Mangalore University, Mangalore.
19. Dr. B.A. Nagasampagi, Hew, Natural Products, NCC Pune.
20. P.S. Wache, Chemistry Department, University of Poona, Pune.
21. Dr. Prashant S. Naik, Information Scientist, Bioinformatics Centre, University of Wales, Aberystwyth, U.K.
23. Dr. B.A. Chopade, Reader, Dept. of Microbiology, University of Poona, Pune.
24. K. Francis, Dept. of Botany, Bharathian University, Coimbatore.
25. Y.I. Shethna, Dept. of Life Sciences, Vidyanagari, Bombay.
26. Prof. V. Krishnamurthy, Director, Krishnamurthy Institute of Algology, Madras.

Visits Abroad:

1. Dr. P.M. Reddy has been invited to work at International Rice Research Institute, Phillipines for 1993-95.
2. Dr. H.B. Menon has been awarded DAAD scholarship to visit Germany.
3. Dr. S. Upadhyay is on visit to UK under Commonwealth Scholarship.

Participation in Seminars:

Dr. U.M.X. Sangodkar

1. Participated in Environmental Seminar organised by Centre for Regional Development, Goa. "Hybridoma & Bio-technology".
2. Popular lecture on Emerging areas on Science, organized by DBT & NIO.
3. Management of Oil Pollution using Biotechnology lecture delivered at National Environmental Engineering Research Institute, Nagpur.

Dr. C.L. Rodrigues

1. Participated in a workshop organised by VVWE (India) & IIRR (Phillipines) on "Bio-diversity in the Central Western Ghat States of India" held in Goa (15th-31st August) to produce an environmental kit.
2. Collected hundreds of exotic biological specimens from Lakshadweep for the proposed Museum of the department.
3. Established marine field research stations at Agathi, Bangrm, Tinnkara, Parali, Kalperi, Audroth and Kavarati in the Lakshadweep.

Dr. G.N. Nayak

1. Attended DOEn project monitoring workshop held at Madurai Kamaraj University, 1993.
2. Presented a paper on "Relation bet TSM and tide during different seasons in Mandovi & Zuari estuaries of Goa, India" and "sediment distribution within Mayem Lake, Goa" at Xth Convention of Indian Asso. Sedementologists held at Karnataka University, Dharwad during 5-7 Nov. 1993.
3. Presented a paper on "Social & Environmental impact of mining industries" at WWF. Seminar on Biodiversity held at NIO, Dona Paula during 15-31 Jan 1994.

Publications:

Dr. U.M.X. Sangodkar

1. Rivonkar C.U., Walke T. and Sangodkar U.M.X. Effects of Toluene, quinoline and pyridine on metabolic activity of T. mossambica. International Symposium on Recent Trends in Life Sciences Hyderabad. p63.1993.

Dr. G.N. Nayak

1. Published a book on "Beaches of Karwar". Rajasthan Publishers, Panjim p. 194, 1993.

5.1 DEPARTMENT OF COMMERCE

Teaching & Research Staff:

1. Dr. B. Ramesh Reader & Head
[M.Com.](#), M. Phil., Ph. D.
2. Dr. P. Narayan Reddy Lecturer
M. Corn., Ph.D.
3. Mr. Nandkumar Mekoth Lecturer
M. Corn.

Contributory Teachers:

1. Shri A. P. Kamat, S. S. Dempo College of Commerce & Economic, Panaji, Goa delivered 20 lectures in the subjects of Economics Growth and Economic Planning.
2. Shri Anand Sangoram, Chartered Accountant delivered 15 lecturers on Optional Paper on Finance, and 30 lectures on Advanced Accounting.
3. Shri Lalitkumar B. Shah, Chartered Accountant, delivered 50 lectures on Accounting Theory and Direct Tax Laws.
4. Shri Savari Muthu, Management Consultant, delivered 25 lectures in the subject on Advanced Cost Accounting.
5. Prof. R. B. Nair, Director, VVM's Institute of Management Studies, Margao, Goa delivered 25 lectures in subject of Business Policy & Environment.
6. Shri G. R. Kamath, delivered 20 lectures in the subject of Marketing Management.
8. Shri Kamlesh Amlani, Chartered Accoutant, delivered 15 lectures in the subject of Advanced Accounting.
9. E. M. Travasso, Smt Parvatibai Chowgule College, Margao, Goa delivered 25 lectures in the subject International Trade.
10. Shri A. M. H. Mubarak Ali, Residential Manager, Hotel Mandovi, Panaji, Goa delivered 15 lectures on the subject Hotel Mangement.
11. Shri U. D. Kamat, Director, Directorate of Tourism, Govt. of Goa, Panaji, Goa delivered 15 lectures on the subject Tourism Management.

Visiting Teachers:

1. Prof. Masood Hassan, Professor, Dept. of Business Economics, Aligarh Muslim University, Aligarh (U. P.)
2. Dr. D. G. Girdhari, Head, Dept. of Commerce,

Marathwada University, Aurangabad.

3. Dr. V. Krishna Kumar, Visiting Faculty, Kausali Institute of Management Studies, Dharwad,
4. Dr. G. Krishna Murthy, Professor & Dean, Dept. of Commerce & Business Management, Kakatiya Univeristy, Warangal.
5. Shri Krishna Lawande, Group Vice-President, CM M Group of Companies, Rua-de-Ourem, Panaji, Goa.
6. G. Srikanth, Finance Manager, V. S. Dempo & Co. Ltd., Panaji, Goa.
7. Rajesh Chheda, Chartered Accountant, Chheda Investment, Panaji, Goa.

Details of Research Students:

Name of the Guiding Teacher	No. of students	M. Phil.Ph.D.
1. Dr. B. Ramesh	12	01
2. Dr. P. N. Reddy	05	
3. Mr. Nandakumar Mekoth	05	

Research Project:

Dr. P. N. Reddy

1. "Critical Assessment of Development of Small Scale Industries: A Case Study of Goa". Funded by ICSSR, New Delhi. The project was sanctioned in the month of April, 1994.
2. "Women Entrepreneurship in Goa: A Developmental Approach" — a self-financed project.

Visitors to the Department:

The following visitors visited the Department in the month of August, 1993.

- i) Dr. Dakshina Murthy, Professor & Dean, Faculty of Commerce, Nagarjuna Univeristy, Nagarjuna Nagr, Guntur.
- ii) Dr. P. S. Rao, Professor & Principal, Chhatrapati Shahu Central Institute of Management Training & Research, Kolhapur.,

Participation in Seminars, Conferences and Workshops:

Dr. B. Ramesh

1. Presented a paper on "The Evolution of SEBI - Dawn in the Indian Capital Market" at the IInd Annual Convention of the Research Development Association, Jaipur and International Seminar on Finance organised by North Karnataka Management Association and Kausali Institute of Manage-

ment Studies, Karnataka University at Hubli from 11-13 September, 1993.

2. Contributed a paper in absentia on "Productivity and Profitability of Public Sector Banks in India: Research Finding" at the International Conference on 'Revamping/Reforms in Banking Sector in India and other SAARC Countries' organised by the Department of Business Finance & Economics, J. N. Vyas University, Jodhpur, Rajasthan from 30-31 October, 1993.
3. Presented a paper on "Rejuvenating of Post-graduate Commerce Education - a Strategy" at the two day national seminar on 'The Amblyopia of Post Graduate Commerce Education: Need for a new Direction and Diversification' organised by the Department of Commerce, Goa University on 4th and 5th May, 1994 at Goa Univeristy, Goa.

1. Presented a paper on - "Traditional Industries in Dr. P. N. Reddy Goa" at congress on "Traditional Sciences and Technology" held at LIT. Bombay, November 28, 1993 to December 3, 1993.

2. Presented a paper on "Commerce Education: Challenges and Strategy: at the two-day seminar on 'The Amblyopia of Post Graduate Commerce Education: Need for a New Direction and Diversification' organised by the Dept. of Commerce, Goa Univeristy, Goa on 4th and 5th of May, 1994.

Publications:

Dr. B. Ramesh

1. 'The Evolution of SEBI: Dawn in the Indian Capital Market' edited volume on Issues in Indian Capital Market, 1993 by Dr. B. S. Batra.
2. 'Productivity & Profitability of Public Sector Banks in India: Research Findings', International Industries Annual 1993, Atlantic Publishers, New Delhi.

Dr. P. N. Reddy

1. 'Transfer of Technology in Rural Industries' published in 'New Trends in Indian Industires', (Vol. I) edited by J. S. Mathur, Chug Publications, 1993.
2. 'Small Industry Development in Goa: A Overview' published in 'New Trends in Indian Industries' (Vol. II) edited by J. S. Mathur Chug Publications, 1993.

Any other details:

1. Department organised following seminars:

A two-day workshop on 'ISO-9000 jointly with National Centre for quality Management, Bombay in Novmeber, 1993 at Goa Univeristy, Goa. The workshp was organised on self-finance basis.

2. Organised a seminar jointly with M/s Middleman, Panjim on 'Union Budget-1994: Investment Strategy' in February, 1994 at Goa University, Goa. The seminar was organised on self-financing basis.
3. Organised a national seminar on 'The Amblyopia of Post-Graduate Commerce Education: Need for a New Direction and Diversification' sponsored by Goa University on 4th and 5th May, 1994.

6.1 DEPARTMENT OF MANAGEMENT STUDIES

Teaching and Research Staff:

1. A. Sreekumar Reader & Head
B.Sc. (Engg.); M.B.A.
Fellow of I.I.M. (Ahmedabad)
2. Dr. J. B. Nadda, Reader
M. Corn., 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. Mr. A. Sangoram, Chartered Accountant Panaji delivered 30 lectures in the subject of Working Capital Management.
2. Mr. Lalit Shah, Chartered Accountant, Panaji, delivered 60 lecturs in the subject of Management Accounting & Tax Planning.
3. Mr. S. L. Sardesai, Faculty Member, S. S. Dempo College of Commerce & Economics, Panaji, delivered 30 lectures in the subject of Business Environment.
4. Shri U. Amonkar, Assistant Professor, College of Engineering, Farmagudi, Ponda, Goa, delivered 30 lectures in the subject of quantitative Techniques in Management Decisions.
5. Adv. Mahesh Sonak & Adv. Satish Sonak, Panaji, delivered 30 lectures in the subject of Business Law.

6. Dr. Masood Hassan, Dept. of Economics, Aligarh Muslim University, Aligarh, delivered 60 lectures in the subject of Import Export Documentation and Procedures, International Marketing.

Visiting Teachers:

1. Mrs. Charusheela Naik, Fellow of IIM (Ahmedabad), Entrepreneur & Researcher, with the subject 'Entrepreneurship & Economic Development'.
2. Dr. D. V. Sarjotisi, Bombay dealt with the topic 'Trade Union & Militancy.'
3. Fr. Romauldo D'Souza, Director, Goa Institute of Management Studies, Ribandar, Goa, delt with the topic 'Perspectives on Management Education'.
4. Prof. Malakondaiah, MDI, Gurgaon, delt with the topic 'Governemnt Policies & the Sugar Industry.'
5. Mr. A. R. Naik, PGDM (II M, Cal), Entrepreneur delt with the topic 'Assessment of Realities of Indian Management.'
6. Mr. George Menezes, Vasco-da-Gama, delt with 'Container Shipping.'
7. Mr. Richard Hartland, Managing Director, Hindustan Ciba Geigy Ltd., delt with 'Role of Leadership & Vision in an Organisation.'
8. Dr. V. M. Nair, Consultant, Mitsubhishi Research Institute, delt with 'International Project Management'.
9. Lt. General S. K. Sinha (Retd.), Ex-Embassador to Nepal, Patna, delt with topic 'Banking in India.'
10. Dr. Shankar De, University of Wisconsin, Ohio, U.S.A. delt with the topic 'Merges and Acquisitions.'
11. Dr. T. S. Nagabhushana, Professor, IIM, Bangalore, delt with the topic 'Total Quality Management'.
12. MR. Kenkre, MMS, Entrepreneurs, delt with the topic 'Project Planning & Financial Implications.'
13. Prof. L. J. Dennis, Judge, Consumer Redressal Forum, delt with the topic 'Consumer Protection Act and Redressal Procedure'.
14. Peter Holden, Ecumenical Coalition on Third World Tourism delt with the topic 'Tourism MovementVor the Inter-Departmental Research Group of Tourism involving faculty from Sociology, Hisotry, Womens' Studies and Economics.)
15. Dr. Errol Desouza, Department of Economics, Goa University, delt with the topic 'Understanding Central Budget'.

Details of Research Students:

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

Research Projects:

1. Mr. S. G. Hegde, Lecturer undertook a Consultancy Project on "Feasibility of Setting Up a Cellophane Tape Manufacturing Unit in Goa". The demand potential for Cellophane tape in Goa was studied as per the client's need.
2. A. Sreekumar, Reader, along with Alito Siqueira from the Department of Sociology, Shaila DeSouza from Centre for Women's Studies, Afonso Botelho from Rosary College of Arts and Commerce, Navelim and Reyna Sequeira from Government College of Arts and Commerce, Quepem did a study on "Tourism Critique & Tourism Movement in Goa" for Equations, Bangalore.
3. A. Sreekumar started a work on 'Opinions of the Supervisors of ACGL on the Promotion Policy of their Company for ACGL," Goa.
4. A. Sreekumar, along with Shaila Desouza of Centre for Women's Studies continued the work on the case Study on a Women's collective of Goa.

Visitors to the Department:

1. Professor Desmond Fernandez from UK.
Professor Klans de Albuquerque from College of Charleston South Carolina.
Dr. Devin Kingsland and Mrs. Venika Kingsland from UK.
Professor Raghuram from IIM, Ahmedabad.
Professor Kapil Kumar from IGNOU, Delhi.
Dr. T. G. Jacob from Kerala.
Professor Francis Lobo from Edith Cowan Univeristy of Western Australia.
2. Prof. A. Koshy, Chairman Marketing Area 1.I.M., Ahmedabad and
Dr. M. R. Arun, Director of Media Planning, Mudra Communications Ltd., New Delhi visited the department.

Participation in Seminars, Conferences and Workshops:

1. Mr. S. G. Hegde, Lecturer, participated and presented a case study in a workshop on "Case Teaching and Case Writing" held at T. A. Pai Management

Institute, Manipal from 6-11 Dec. 1993. The Workshop was organised under the auspices of Association of Indian Management Schools and Canadian Consortium of Management Schools.

2. A. Sreekumar presented a paper on "The Co-existence of 'resentment with' and 'acceptance of Tourism on the part of the Individual Host Community Member" at the World Leisure Research Association's World Congress at Jaipur, Dec. 5-10, 1993.

Any Other Details:

1. Mr. S. G. Hegde, Lecturer organised a seminar on "Consumer Complaining Behaviour: A Managerial and Research Perspectives" on 29.3.1994. Eminent Consumer Activist, Prof. Manubha Shah, Managing Trustee, Consumer Education and Research Centre, Ahmedabad and Sr. A. R. Borde, Asstt. General Manager S.B.I., Regional Office, Panaji spoke respectively on Research and Managerial Persepctives.
2. Dr. Satishkumar, Lecturer, organised a one day Alumni Meet on 13th March, 1994. Padmasree Shri Vasantrya Dempo inaugurated the meet. Mr. Prakash Shanware, Vice-President, Human Resource Development M/s. Mirc Electronics Ltd. Bombay, addressed the gathering.
3. Mr. Dayanand M. S. undertook a consultancy project on Customer Satisfaction for State Bank of India, Goa.
4. Mr. Dayanand M. S., Lecturer attended the Orientation course conducted by the Academic Staff College, Goa University in the month of Sept-Oct. 1993.

II. UNIVERSITY CENTRES

1. Centre for Latin American Studies

Teaching and Research Staff:

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

Contributory Teachers:

1. Prof. Ashok S. Guha, Centre for International Eco-

nomics & Law, School of International Studies,
Jawaharlal Nehru University, New Delhi - 100 067.

2. Ms. Laxhmie Kallicharan

Details of Research Students:

Name of the Guiding Teacher	No. of Research students M.Phil./Ph.D.	No. of students declared successful at M.Phil./Ph.D.
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Dr. V. Shivkumar	2	
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Visitors to the Centre:

1. Prof. J. Leal Ferreira, Jr., JNU New Delhi
2. Prof. R. Narayanan, JNU, New Delhi
3. Prof. Ashok S. Guha, JNU, New Delhi
4. Ms Laxhmie Kallicharan, Former Advisor, Deptt. of Culture & Education, Govt. of Guyana.

Participation in Seminars, Conferences and Workshops:

1. Prof. V. Shivkumar participated in the Round Table Conference on "Understanding Latin America" organised by the CLAS, Goa University, Feb., 1994.
2. Mr. Pushkar participated in the Round Table Conference on "Understanding Latin America" organised by the CLAS, Goa University, Feb., 1994.
3. Mrs. A. Kakodkar participated in the Round Table Conference on "Understanding Latin America" organised by the CLAS, Goa University, Feb., 1994.
4. Mrs. A. Kakodkar participated in the Dr. S. R. Ranganathan Centenary Celebrations Conference, Goa, 12 August, 1993.
5. Mrs. A. Kakodkar participated in the Indian Library Association 39th Seminar, Bangalore Jan. 1993.
6. Mrs. A. Kakodkar participated in the Local History seminar, Directorate of Archives & Dept. of History, Goa University.
7. Mrs. A. Kakodkar participated in the P. P. S. Pissurlekar Centenary celebration Seminar, Deptt. of History, Goa University.
8. Mrs. A. Kakodkar participated in the National seminar on Non English European sources, organised by Nehru Institute of Social Studies, T. M. Vidyapith, 12-14th March, 1994.

Publications:

1. Mr. Pushkar "The Internal Dynamics of Regime change: "The Constitutional Transition to Democ-

racy in Chile, 1983-1989", International Studies (New Delhi), January-March 1994.

2. Mr. Pushkar - "The Clash of Civilizations", Mainstream, 1 January 1994.
3. Mr. Pushkar - "Latin American Democracies: Still in an 'Unconsolidated State' ", Mainstream, 26 February, 1994.
4. Mrs. A. Kakodkar - Public Library System in India with special reference to Goa. Souvenir Ranganathan Centenary celebrations organised by Raja Ram Mohan Roy Library Foundation, Calcutta and Gomantak Granthalaya Sangh, Goa, 12th August, 1993.
5. Mrs. A. Kakodkar - Public Libraries of Goa, Souvenir, Ranganathan Smarak Smriti, Pune Jan 1994.
6. Mrs. A. Kakodkar - Spice plant traffic - Goa Brazil connections (National seminar on Non English European sources Medieval/Modern Indian Polity, society and Economy organised by Nehru Institute of Social Studies) Tilak Maha Vidyapith, Pune, (In press).

Popular Articles:

1. Mr. Pushkar "Democracy in • Chile", World Focus (New Delhi), June 1991.
2. "Remembering Salvador Allende", Mainstream (New Delhi), 2 October, 1993.
3. "They Dance Alone", Indo-Latin American File (New Delhi).
4. "Aristide's Dream Return to Haiti Turning Sour", The Pioneer (New Delhi), 15 November 1993.
5. "From Aylwin to Frei", forthcoming, Indo-Latin American File.
6. "Latin American After the 'Democratic Decade', forthcoming, Indo-Latin American File.
7. "Menem's Quest for a Second Term", with Madhvi Gupta, The Weekend Observer (Bombay), 12th February, 1994.
8. "To you, Pablo (the one we almost forgot)", with Madhavi Gupta, Mainstream, 12 March, 1994.
9. "Mexico: Troubled Times Ahead", Mainstream, 4 June 1994.
10. "Telepolitics' in Latin America", forthcoming, Indo-Latin American File.
11. "The Menem Show rolls on", forthcoming, Indo-Latin American File.

Any other details:

1. **Dr. S. Shivkumar** was appointed as a Member of UGC Review Committee.
2. Organised and represented Goa University at the **All** India UGC sponsored Directors of Area Studies Conference, October 29-31, 1993.
3. Organised seminars, workshops and guest lectures at **the** CLAS.
4. Mrs. A. Kakodkar
Reference service to Certificate in Library Science Course conducted by G. G. S. Panaji, Goa.

2. CENTRE FOR WOMEN'S STUDIES

Teaching and Research Staff:

1. Dr. A. H. Doctor Dean, Faculty of Social Sciences, HOD Political Science & in charge C.W.S.
2. Ms. Shaila DeSouza Research Officer
M.A.

Research and Documentation:

The CWS has completed the draft of the Directory of Services for Women in Goa which has been compiled recently and will be printed shortly (it includes services available at Governmental, semi-governmental and voluntary organisations)

The RO, CWS has involved in a inter-disciplinary research project as part of a team working on 'Tourism Critique and Tourism Movement's in Goa' (The report was completed on 12th January, 1994).

The RO, CWS is involved in a joint CASE STUDY OF BAILANCHO SAAD (a women's collective) with Dr. Sreekumar, Head, Department of Management Studies.

The CWS is developing its documentation Centre which includes information about women under heads such as Health, Law, Child Labour/Children, Tourism, Development and Violence.

Participation of and Organisation of Seminars, Conferences and Workshops:

The RO, CWS attended the Sixth National Conference on Women's Studies, organised by the Indian Association for Women's Studies at Mysore from the 31st May 93 to 4th June 93. The conference discussed the "Dynamics of the New Economic Policy Implications for Women".

2. The RO, CWS attended a workshop on Sexual

Violence against Women and Children held at Tata Institute of Social Sciences, Bombay from 4th - 6th October, 93. The workshop was conducted by Adv. Naina Kaur and Ms. Jasjit Purewal of Sakshi, New Delhi.

3. The RO, CWS was resource person at the All Goa Meeting of Youth organised by the DIOCESAN YOUTH CENTRE, at Santa Cruz Parish on 31st October 93, on the topic of 'Women's Role in the Society'.
4. The CWS organised a 2 day poster exhibition along with a local women's organisation (Bailancho Saad) at the Goa University on 'Violence Against Women' on 29th and 30th November, 1993.
5. The **RO**, CWS represented Goa at the Conference organised by the National Commission for Women, New Delhi on 10th December, 1993 and presented a paper titled 'Beyond Academics - Towards Actions' for the session Gender Sensitization - The Role of Women's Studies Centres.
6. The RO, CWS organised a one day workshop on Violence at Rosary College, Navelim on Women and Violence in January 94.
7. The CWS organised a series of competitions to celebrate Women's Day i.e. 8th March 1994 - Poster Competition on the Topic: Towards Equality of Sexes and an Elocution Competition on the following topics:
 - (i) Men's Role in Women's Liberation
 - (ii) Societal Norms and Gender Inequality
 - (iii) Atrocities against women: what remedies?
 - (iv) The Women's Movement: **An** answer to women's problem?
 - (v) Feminism: Towards a better understanding
8. A wall magazine was started to allow students to express views on Gender Inequality in poems, short stories, narratives, opinion polls etc.

Street plays were also organised with participation of students (both boys and girls) different departments of the University. The plays were staged in the Canteen of the University at Women's Day Celebration organised by a local women's activist group and in a municipal garden in Margao city.
9. The RO, CWS participated in WHO workshop in Women and AIDS in Baroda organised by the Women's Studies Research Centre, University of

Baroda on 28th to 30th March, 1994.

10. The RO, CWS presented a paper on "The New Economic Policy & Women" at a State level seminar on GATT, Dunkel Draft and Trade Related Intellectual Property Rights (TRI PR) Implications for India organised by the Dr. T. B. Cunha Memorial Trust to celebrate the occasion of the 102nd Birth Anniversary of Dr. **T. B. Cunha** on 2nd April, 1994.

Other Activities:

1. The CWS networks with Women's organisations (Local, National and International) on issues concerning women to work towards EQUALITY and several organisations in Goa concerned with health, community development).
 2. The RO, CWS has submitted proposal to the Government of Goa for setting up of a 'Special Cell' to deal with Crimes against Women which was recently accepted by the Government of Goa. The CWS is to work on a co-ordinating team comprising also of representatives of Government organisations and local women's organisations to coordinate, supervise and monitor the working of the Cell. To assist in training of counsellors, public awareness campaigns, gender sensitization programmes for police, referrals, legal guidance, research, documentation etc. The government has set up the coordination team and the RO, CWS has been appointed as the coordinator.
- a A Women's Discussion Group has been formed by the CWS in the University which meets to discuss issues concerning women e.g. the problem of alcoholism in Goa, the legalisation of prostitution etc.
4. Following the initiative of the CWS, the RO has been appointed on the State Voluntary Action Bureau of the State Social Welfare Board.
 5. The RO, CWS has also been nominated as member of the State Social Welfare Board.

III. ACADEMIC STAFF COLLEGE

Teaching and Research Staff:

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

Contributory Teachers:

The University Professors from different Departments of Goa University, selected Principals from the Local Colleges, Professors from the various Universities and Institutes in India are invited for Orientation and Refresher Courses.

Details of Research Students:

Name of the Guiding Teacher	No. of Research Students	No. of students declared successful at M.Phil/Ph.D.
Dr. F. A. Fernandes	4	3 1 (M. Phil.)

Visitors to the Department:

1. Prof. (Dr.) W.O. Michell Professor and Performing Artist from Regina University, Canada visited on 12th November, 1993.
2. Janice Williamson, Teaches English at the University of Alberta in Edmonton, Canada & A. Karasick - Poet, York University, Canada.

Participation in Seminars, Conferences & Workshops:

Dr. F. A. Fernandes

1. Attended one-day seminar in Nirmala Institute of Higher Education on "Goals & Quality of Higher Education", held on 13th April, 1993.
2. Workshops on the Scheme of ASC: 2-day Directors Meeting at NIEPA on 6 and 7 July, 1993 at New Delhi.
 1. Delivered lectures on Communication at Poona University in November, 1993.
 2. Conducted Workshops on Communication at Indore ASC in December, 1993.
 3. Organised Lecture-series in Canadian Literature in November, 1993 for M.Phil & Ph.D. students.
 4. Gave a lecture in Khandola College on Inter-personal Communication in December, 1993.
 5. Assisted in the organisation of 3-day All India Principals' Conference held in Goa University from 3-5 January, 1994.
 6. Organised 2-day Orientation Course for College Teachers on Methods of Teaching on 31-1-94 and 1-2-94.
 7. Organised 3-day Orientation Course for College

Principals of Goa and Shivaji University in collaboration with NIEPA, New Delhi.

8. Was the Resource Person for the Orientation Course for the Principals held from 27.1.94 to 29.1.94.

9. Was the Local Secretary of the X International Conference for Canadian Studies organised in collaboration with IACS from 10-13 May, 1994.

10. Chaired the session on 'Comperative Literature' on 13th May, 1994 in the Xth International Conference for Canadian Studies.

Dr. (Mrs.) P. Rebeiro

1. Refresher Course in Psychology at S.N.D.T. Women's University, Bombay (16th August to 10th September, 1993)
2. ICSSR Workshops on 'Rational Thinking' at Department of Psychology, Univeristy of **Poona, Pune** (20th to 22nd Dec., 1993).
3. Contributed paper "Aggression and Violence as coping mechanics of frustration", at I.P.A. National Conference, 1993, Kanpur 17-18 October (in absentia).
4. Contributed a paper "Burnout in the teaching profession: The Indian Scene," at the 81st session of the Indian Science Congress, Jaipur (January 3rd to 8th, 1994) (in absentia).

Publications:

Dr. (Mrs.) P. Rebeiro

1. "Burnout in the teaching profssion: The Indian Scene", Perspectives in Education, 10, 2, 1994 (with: Dr. M. Bhargava).
2. "A study of Nurses' attitude towards Euthanasia and its relationship with Religiosity and Morality", The Indian Journal or Criminology and Criminalistics, Vol. XIV, 1-2, Jan-Jun., 1993.

IV. KONKANI ENCYCLOPADIA

Dr. **T. D.** Halarnakar Executive Editor
Shri Ranjan Naik Research Assistant
(from February 1993)

Shri Mukesh Thali Research Assistant
(upto September, 1993)

Smt. Kanchan V. Mordekar Editorial Assistant

Kum. Kalpana Kurtarkar Editorial Assistant

Participation in Seminars, Workshops, Conferences, etc.:

Dr. T. D. Halarnakar

Invited as reviewer, for reviewing the Konkani text books, prepared by State Institute of Educaiton, Porvorim in July 1993.

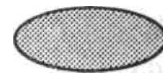
Delivered a talk on "THE FORMATION OF KONKANI ENCYCLOPADIEA", in Smt. Parvatibai Chowgule College, Margao, in July, 1993.

Invited as resource person in workshops on Konkani institutions and development of Konkani language, organised by Goa Konkani Akademi, at Molem in December, 1993.

Presented paper on "SOCIO-ECONOMIC-POLITICAL ASPECTS OF PANCHAYATI RAJ IN GOA" in the seminar on local self government and Rural development in Goa, organised by Peaceful Society at Madkai in December, 1993.

Elected as Executive President of AIndia Konkani Sahitya Sammelan, held in Mapusa, in March, 1994.

Nominated as Convenor of Konkani Teaching Training course, organised by Konkani Bhasha Mandal, in December, 1993.



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 1994, there were 34 affiliated colleges and 7 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.

B - Professional Colleges.

C - Recognised Institutions.

A - COLLEGES OTHER THAN PROFESSIONAL

A-1. DHEMPE COLLEGE OF ARTS AND SCIENCE, MIRAMAR, 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. Dr. G.N. Mishra is the Principal of the College.

Teaching and Research Staff:

1. Dr. G.N. Mishra, M.A., Ph.D., LL.B.
Principal (Reader)
2. Shri G.K. Kelkar, M.Sc.
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. Mrs. Vrishali Umesh Prabhugaonkar, M.A.
Lecturer
14. Shri Prayal A. Sakhardande, M.A.
Lecturer
15. Shri Ave Cleto Afonso, M.A., LL.B. (Gen)
Lecturer
16. Dr. (Smt.) Zinia Siqueira Lobo Silva, M.A., Ph.D.
Lecturer
17. Shri Edgar M.R. Cotta, M.A.
Lecturer
18. Shri S.S. Nadkarni, M.A.
Lecturer
19. Shri M.J. Kulkarni, M.A.
Lecturer
20. Shri Ravindra D. Ghavi, M.A.
Lecturer
21. Dr. C.S. Tiwari, M.A., Ph.D.
Reader
22. Shri H.V. Upadhye, M.A.
Lecturer
23. Smt. S.S. Hodarkar, M.A.
Lecturer
24. Shri J.A. Menezes, M.Sc.
Lecturer
25. Shri S.U. Kamat, M.Sc.
Lecturer
26. Shri G.V. Kulkarni, M.Sc.
Lecturer
27. Mrs. Edith Melo Furtado,
Lecturer (Lecture basis)
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, M.Sc., Ph.D.,
Lecturer DHE
36. Dr. (Mrs.) Lina S. Talwadkar, M.Sc., Ph.D.
Lecturer
37. Dr. Udai S. Naik, M.Sc., Ph.D.
Lecturer
38. Dr. (Mrs.) Bhagyashri Kamat, M.Sc., Ph.D.
Lecturer
39. Shri V.R. Acharya, M.Sc.
Lecturer
40. Shri A.F. Barbosa, M.Sc., Dip. Ed.
Lecturer
41. Shri G.V. Kelkar, M.Sc.
Lecturer
42. Miss Sharmila P. Kamat, M.Sc.
Lecturer
43. Shri Sandeep S. Burye, M.Sc., DHE
Lecturer
44. Shri Murthy P.S. Ramu, M.Sc.
Lecturer
45. Smt. Swati R.Pawar, M.Sc.
Lecturer
46. Shri S.M. Shetty, M.Sc.
Lecturer
47. Shri G.K. Kelkar, M.Sc.
Lecturer
48. Dr. (Smt.) P.G. Kelkar, M.Sc., Ph.D.
Reader
49. Shri G.I. Hukkeri, M.Sc.
Lecturer
50. Shri K.G. Hiremath, M.Sc.
Lecturer
51. Shri P.N. Pangu, M.Sc.
Lecturer
52. Smt. Mangala Prabhu Dessai, M.Sc.
Lecturer
53. Mrs. V. Volvoikar, M.Sc.
Lecturer
54. Smt. S.S. Sakhardande, M.Sc.
Lecturer
55. Dr. (Smt.) Lucy Gomes, M.Sc., Ph.D.
Lecturer
56. Shri S.J. Godse, M.Sc.
Lecturer
57. Dr. S.R. Ganihar, M.Sc., **Ph.D.**
Lecturer
58. Smt. Sucheta G. Halkar, M.Sc.
Lecturer
59. Dr. (Mrs.) Yasmeen Modassir, M.Sc., M.Phil., Ph.D.
Lecturer
60. Dr. S.V. Agni, M.Sc., Ph.D., **B.Ed.**
Lecturer
61. Shri **F.B.** Antao, M.Sc.
Lecturer
62. Shri A.M. Nadkarni, M.Sc.
Lecturer
63. Shri R.P. Gurav, M.Sc., DHE
Lecturer
64. Shri A.G. Agshikar, M.Sc.
Lecturer
65. Shri Orlando A. Fernandes, M.Sc.
Lecturer
66. Shri Chandrakant Porob, M.A., Certificate in
Physical Education
Physical Education Director
67. Shri B.R. Phadnis,
Librarian

Details of Research/Masters Students:

Name of the Guiding Teacher	No. of students
Dr. G.N. Mishra	4 completed Ph.D. 5 doing Ph.D.

Name of the Studens who have completed Ph.D.:

- 1) Dr. Sudha Chari
- 2) Dr. Zinia da Silva
- 3) Dr. R.V. Urankar
- 4) Dr. B.N. Kamat.

Library:

Text books:	19,025
Reference Books:	610
Academic Journals:	24
Periodicals:	40

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

N.C.C. (Girls Wing) 1993-94

This year 50 girl students from the College enrolled in N.C.C. (Girls Wing).

Regular parades started from 15th August on the occasion of Independence Day function, during which Principal Dr. G.N. Mishra unfurled the National Flag and the function was concluded with singing of the N.C.C. song.

During the course of N.C.C. training programme, the girl cadets received instructions in footdrill, rifle-drill, signals, first-aid, home nursing and weapon training. Naval cadets also received training in ship modelling and boat pulling. The girl cadets also took part in tree plantation at Goa University campus. The girl cadets also participated in various camps held in Goa and all over India.

SCUO Divya Mahalathkar attended the All India Trekking Camp held in Ooty. She also attended the Republic Day Camp Selections held in Belgaum, Mysore and Bangalore.

Nineteen girl-cadets attended the Annual Training Camp at Fatorda Stadium, Margao.

Four Naval cadets attended Annual Naval Camp at I.N.S. Mandovi.

N.C.C. - INFANTRY REPORT

70 Cadets were enrolled this year. The training started in the last week of July and parades were held on Sundays. The cadets were trained in various military subjects. More emphasis was given for drill, leadership and personality development.

The cadets completed tree plantation programme at the Goa University Campus in August 1993.

25 cadets attended ATC Camp at Monte-de-Guirim in Oct/Nov 1993 for 12 days. They won best contingent award during this camp. Two of the cadets SCNO Bipin Kawthane and Captain Gadkary attended the national trekking camp held at Fatorda, Margao.

B and C Certificate Examination are slated from

N.C.C. - NAVY REPORT

Feb/March 1994. These certificates help the cadets to enter defence and technical courses.

Our cadets participated in the 15th August and **19th** December Ceremonial parades in large number.

The regular parades for the year 1993-94 started on 4th July, 1993. The cadets were trained in various aspects of N.C.C. Navy. They also took part in extension services like tree plantation and blood donation. Shri Gajanan Naik and Ameet Palekar attended combined Annual Training Camp held at Vishakhapatnam. Our College students won many laurels during the ATC Camp held at Fatorda, Margao. Our Unit was adjudged the champion of this ATC Camp. The following prizes were also won by our cadets. Shri Gajanan Naik **and** Ameet Palekar in Ship Modelling, Shri Subhash Mahato in Rifle Drill, Shri Sudhir Palkar in Foot Drill and Shri Sandeepkumar Gaonkar as best cadet.

As a finale to these achievements, following cadets were selected for Republic Day parade held at New Delhi. Shri Suraj Padle, Shri Arjun Padle and Shri Santosh Kamat, Shri Arjun Padle was the recipient of the best Cadet Award from among all the cadets of the Country in the hands of the Prime Minister, on the Republic Day.

Gymkhana Report 1993-94

Gymkhana activities began with the formation of the Gymkhana Committee comprising of the following members; under the Chairmanship of Prof. A.M. Nadkarni. General Secretary - Shri Allwyn Raposo - S.Y.B.Sc., Kho-Kho Secretary - Shri Jerome Clement - T.Y.B.A., Kabaddi Secretary - Shri Suhas Kandalgaonkar - T.Y.B.A., Handball Secretary - Mannuel Anthony Vaz - S.Y.B.Sc., Football Secretary - Shri Krishna Shirodkar - S.Y.B.A., Hockey Secretary - Shri Evans Joe D'Souza - T.Y.B.Sc. - Chess Secretary - Shri Savio Norwin Menezes - T.Y.B.Sc., Lawn Tennis Secretary - Shri Ricky De Araujo - S.Y.B.Sc. - Cricket Secretary - Shri Amit Naik - S.Y.B.Sc. Basketball Secretary - Shri Onassis Hildeg Afonso - T.Y.B.Sc., Cycling Secretary - Shri Sushant Halarnkar - T.Y.B.A., Athletic Secretary - Shri Sameer Lotlekar - S.Y.B.A.

The College intra-mural **competitions in football, volleyball and cricket (men) were held during** the academic year S.Y.B.Sc. class emerged champions in Volleyball and in Cricket S.Y.B.A., class was the winner.

Our college participated in the various Goa University Inter-Collegiate Sports and games competitions organised by Goa University. In the Inter-Collegiate Basketball championship for women our college won the title under the able captionship of Kum. Shirwina Fernandes of T.Y.B.A. In Tennis for men our College secured the second position under the captionship of Shri Allwyn Raposo of S.Y.B.Sc., Kum. Nagratua Narkuntra of S.Y.B.Sc. emerged Individual Champion in the Goa University Inter Collegiate Table Tennis championship for women. Shri Jerome Clement of T.Y.B.A. secured first position (gold medal) in the Goa University Inter Collegiate Judo Competition.

Shri Sameer Lotlekar of S.Y.B.A. secured the second position in 400 M. hurdles (WZ) and 3rd position in 4x100M. relay (IZ) representing Goa State in the West Zone and Inter Zone & Athletic Championship held at Gandhinagar on 6th and 7th November, 1993 and 24th and 25th November, 1993 respectively. In the same Championship Kum. Apurva Sabnis of S.Y.B.A. secured the first position in 4x100 M. Relay (IZ) in the women selection.

N.S.S. Report - 1993-94.

The inauguration of the N.S.S. activities in our college for the academic year 1993-94 was held on 9th of August 1 993 at the hands of Prof. J.A. Menezes. The volunteers were enlightened on the significance of N.S.S., its aims and objectives and the nature of work to be accomplished during the course of the year.

On the 15th of August 1993, as a part of the Independence Day celebrations, the N.S.S. volunteers participated in the cleaning up of the College campus and its surrounding area in the form of shramdan,

In the subsequent weeks, enrolment and orientation of N.S.S. volunteers was conducted.

On the 2nd of October 1993, as a part of the "Tuberculosis Association Day" a Special Merit Certificate was awarded to the N.S.S. Unit of our College in recognition of the efforts of our N.S.S. volunteers in collecting donations for the above Association.

Our N.S.S. Unit conducted its annual "Youth for Rural Reconstruction Camp" at Mencurem, Bicholim, from the 20th to 29th of October 1993. In all 90 N.S.S. volunteers attended the 10 day Camp. During these ten days, the volunteers completed a number of projects under health, hygiene and edu-

cation. The camp was conducted under the guidance of N.S.S. Programme Officers Prof. R. Murthy, Prof. E. Cortez and assisted by Prof. K. Govekar, Prof. S. Agni and Prof. V. Volvoikar.

On behalf of the Goa Cancer Society, the N.S.S. volunteers conducted a survey "Tobacco Free Cities Project by 2001". In all about 3,500 residents in 10 wards within Panaji Municipality limits were interviewed.

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 other organizations in various programmes.

Philosophical Association:

The activities of the Philosophical Association of our College for this year were formally inaugurated on 30 July 1993 by Mr. Hartman D'Souza, a free lance writer and theatre personality working on a Ford Foundation grant. He spoke on 'Leisure: some reflections' and quoting Demosthenes profusely brought out the need to seek leisure and entertainment that empower an individual and do not enslave him. He was particularly critical of the all absorbing trivialities that Star TV beams to entice young people in particular.

The Association functioned with the following team of office bearers: Chairman: Dr. G.N. Mishra, Secretaries: Natividade K De Souza, Raymong F. Alvares, Geveen Gomes (F.Y.B.A.), Priya N.K. Ahluwalia, Sajjid Sheik (S.Y.B.A.), Kanchan Y. Desai and Vallabh D. Pangam (T.Y.B.A.)

The 2nd Elocution Competition for the 'Late Shantaram Pai Memorial Trophy' instituted under the Philosophical Association was held on 13 December 1993 as part of the Dhempe week. **Mr.** Prashant Bhangui of Dhempe Higher Secondary School won the trophy, which was awarded to him on the occasion of the Annual Social Gathering of the College on 18 December 1993, at the Kala Academy.

True to the quiet reflective mood of philosophers, the Association did not undertake public functions as such. But the classroom activities were used for many provocative brain storms.

However, the tradition of formal send off to the Final Year students, by the Second Year colleagues to take place before the end of February.

Statistical details regarding the teaching programme and the students:

Sr. Branch	Degree	Duration of degree Course in	No. of students in 1993-94 (sexwise)		
			Boys	Girls	Total
1. ARTS	BA.	3 years			
		F.Y.B.A.	36	118	154
		S.Y.B.A.	40	115	155
		T.Y.B.A.	34	112	146
		Total	110	345	455
2. SCIENCE	B.Sc.	3 years			
		F.Y.B.Sc.	121	117	238
		S.Y.B.Sc.	67	96	163
		T.Y.B.Sc.	72	111	183
		Total	260	324	584

Results of the College percentage-wise:

T.Y.B.A. (April 1993)	: 38.20%
T.Y.B.A. (October 1993)	: 30.12%
T.Y.B.Sc. (April 1993)	: 66.04%
T.Y.B.Sc. (October 1993)	: 42.30%
T.Y.B.A. (April 1994)	: 52.28%
T.Y.B.Sc. (April 1994)	: 57.00%

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

Established in June 1 962 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** had its own building for Arts & Science wings and an independent building for the Department of Computer Science. There are 10 laboratories and 20 class-rooms 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, volleyball, basket ball, tennikoit, athletics, etc. The Foundation has recently completed construction of yet another building admeasuring 1200 sq.mts. to house the Library of the college and to make available all modern amenities to its staff and students.

Shri V.R. Shirgurkar is the Principal of the College.

Teaching and Research Staff:

1. Shri R.R. Ghantwal, M.Sc. Vice-Principal
2. Shri V. Narayan, M.Sc. Lecturer
3. Shri N.V. Kamat, M.Sc. Lecturer
4. Shri S.N. Pai Raiturkar, M.Sc. Lecturer
5. Shri B.N. Hosurkar, M.Sc. Lecturer
6. Shri S.M. Sadique, M.Sc. Lecturer
7. Shri V.D. Date, M.Sc. Demonstrator
8. Shri **E.M.** Raykar, M.Sc. Lecturer
9. Shri S.K. Naik, M.Sc. Lecturer
10. Shri B.V. Shirwaikar, M.Sc. Lecturer
11. Shri R.S. Padiyar, M.Sc. Lecturer
8. Shri S.J. Borkar, M.Sc. Lecturer
9. Shri S.P.S. Kakodkar, M.Sc. Lecturer
10. Dr. P.K. Onkar, M.Sc., Ph.D. Reader
11. Shri V.R. Nagwekar, M.Sc. Lecturer
16. Shri Narendrakumar G. Rivonkar, M.Sc. Lecturer
17. Ms. Kanchan Arware, M.Sc. Lecturer
18. Shri U.S. Nagarcenkar, M.Sc. Lecturer
19. Shri P. Narayanan, M.Sc. Lecturer
20. Shri N.B. Shirwaikar, M.Sc. Lecturer
21. Dr. R.V. Gaonkar, M.Sc., **Ph.D.** Lecturer

- | | |
|--|---|
| 22. Ms. Jaymini V. Gauns Dessai, M.Sc.
Lecturer | 44. Shri R.V. Path, M.A.
Lecturer |
| 23. Dr. A. Veeresh, M.Sc., Ph.D.
Lecturer | 45. Dr. R.V. Joshi, M.A., Ph.D.
Lecturer |
| 24. Shri M.P. Tonsekar, M.Sc.
Lecturer | 46. Shri B.V. Bhosale, M.A.
Lecturer |
| 25. Shri S.M. Antony, M.Sc.
Lecturer | 47. Shri P. Antony, M.A.
Lecturer |
| 26. Shri P.N. Kavri, M.Sc.
Lecturer | 48. Ms. Santa Mayenkar, M.A.
Lecturer |
| 27. Dr. D.K. Tikare, M.Sc., Ph.D.
Lecturer | 49. Shri Carmen S. Pais, M.A.
Lecturer |
| 28. Shri K.N. Mishra, M.Sc., M.Phil.
Lecturer | 50. Miss J. Sequeira, M.A., Ph.D.
Lecturer |
| 29. Ms. Mangala Veeresh, M.Sc.
Lecturer | 51. Shri P. Ferdinand, M.A.
Lecturer |
| 30. Shri K. Sreedharan, M.Sc.
Lecturer | 52. Ms. Celeste Fernandes, M.A.
Lecturer |
| 31. Shri V.S. Amonkar, M.Sc.
Lecturer | 53. Ms. Fatima Monteiro, M.A.
Lecturer |
| 32. Shri A.P. Masur, M.Sc.
Lecturer | 54. Shri R.Y. Mishra, M.A., Ph.D.
Reader |
| 33. Shri Kirti D. Dhavaliker, M.Sc.
Lecturer | 55. Shri G.M.A. Shaikh, M.A.
Lecturer |
| 34. Shri S.M. Borges, M.Sc.
Lecturer | 56. Shri S.S. Phadke, M.A. (Sanskrit),
Lecturer M.A. (Sociology), Ph.D. |
| 35. Shri S.M. Katti, M.Sc.
Lecturer | 57. Shri R.R. Mardolkar, M.A.
Lecturer |
| 36. Shri H.S.S. Nadkarni, M.Sc.
Lecturer | 58. Shri M.D.S. Borkar, M.A.
Lecturer |
| 37. Shri S.R. Ingle, M.A.
Lecturer | 59. Shri S.S. Adsul, M.A., M.Phil.
Lecturer |
| 38. Dr. S.M. Ambli, M.A., Ph.D.
Lecturer | 60. Ms. Archana Pandit, M.A.
Lecturer |
| 39. Shri N.N. Sawant, M.A.
Lecturer | 61. Shri Devashish Bagchi, M.P.Ed., M.Phil.
Director of Physical Education |
| 40. Shri S.P. Verenkar, M.A.
Lecturer | 62. Shri U.A. Katre, M.Stat., M.Tech.
Reader |
| 41. Shri E.M. Travassos, M.A.
Lecturer | 63. Ms. A.U. Katre, M.Stat.
Lecturer |
| 42. Shri Debasish Mazumdar, M.A.
Lecturer | 64. Chaitanya Voolapalli, B.Tech.
Lecturer |
| 43. Shri S.S. Naik, M.A.
Lecturer | 65. Sushant S. Prabhu Sawakar, B.Sc., M.C.A.
Lecturer |

66. Ms. Shaila R. Ghanti, B. Sc., M.Sc., M.Phil.
Lecturer

67. Shri Govind A. Kelkar, B.Sc., M.C.A.
Lecturer

Library:

Total number of text books, reference books, periodicals and academic journals in the Library as on 20.4.1994:

Total No. of books : 36,200

Reference books : 1,800

Periodicals : 28

Academic Journals : 27

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

N.C.C.:

N.C.C. in which our students have done very well. We have 3 wings - Army, Navy and the Girls' wing. Our N.C.C. cadets have performed well at the State level as well as at the national level. The Naval wing is lead by Shri B.N. Hosurkar. Under his guidance a Leading Cadet Baptista Derrick got an opportunity to attend the R.C. Camp at New Delhi. Cdr. Capt. Eshwar Bhavanikumar attended the pre-R.D. Camp at Bangalore, Cdt. Banerjee Bapaditya attended the pre-R.D. Camp at Mysore and P.O. Cdt. Cruz Christanand attended All India Advance Leadership Camp at Cochin. He was the only cadet selected from Goa. The Girls' Wing is lead by Mrs. Milan Angle. From the Girls' Wing, Corporal Annie Barretto attended Republic Day B.L.C. Camp at Delhi and CUO Sunita Rodrigues & Violet Vaz attended the pre-R.D. Camp held at Bangalore. Shri Makrand Deshpande takes care of the Infantry Wing. From his Wing, Company Senior Under Officer Amol Deshpande attended Army attachment Camp held at Bangalore in July last year. Company Sergeant Major Chetan Shigaonkar attended Republic Day Camp held at Delhi this year. These 3 wings took part in organising a Blood Donation Camp alongwith N.S.S. students this year.

Sports:

Our sportsmen won the Basket-ball Hand-ball and Tennis titles. We could reach the Runners-up position in Basket-ball (Women) and Badminton (Men). In the Inter-Collegiate Athletic Competition, the college won 1 Gold Medal, 1 Silver Medal and 4 Bronze Medals. In Weight Lifting, the College won 5 Gold Medals, 1 Silver Medal and 1 Bronze Medal. Shri Anthony Christie Godfrey Souza got the first

place in 30 km. Cycling Competition organised by Goa University. Shri Sandeep Kanji won the State Singles Championship in Badminton.

Cultural Activities:

The College takes keen interest in organising programmes under SPIC-MACAY, the Society for the promotion of Indian Classical Music and Culture amongst Youth. SPIC-MACAY in Goa is 6 years old. During these six years SPIC-MACAY has brought many artistes to Goa. This year also we brought three great artistes who performed in colleges in Goa at different venues.

In the first half of the year, in the Lec-dem series, Pt. Vijay Raghav Rao, the flute maestro, gave a lecture-demonstration on Classical music on 29th September, 1993 in this College. There was excellent spontaneous response from the students. The audience liked the programmes very much.

N.S.S.:

The N.S.S. Group is a very active and well disciplined group in this College. Dr. Gaonker, Shri Naik Gaonker, Dr. A. Veeresh and Mrs. Celeste Fernandes have been putting efforts on this group contineously throughout the year and hence been able to give right direction to a large group of 360 students. Out of the 360 students, 288 were the female N.S.S. volunteers. This year the N.S.S. students had taken initiative in a new project - "Beautiful Margao". They wanted to beautify the Borda Road from the Holy Spirit to the Chowgule College. The N.S.S. volunteers took social efforts in cleaning the college campus. The Annual camp was held at Colamb in November. The students did Shramadan on the school ground, conducted a socio-economic survey of the village, put Street Plays before the villagers and organised discussions and debates everyday on topics of relevance.

The year, 1993-94, was celebrated as the N.S.S. Silver Jubilee Year throughout India. Our N.S.S. unit was the first and the only unit which could organise N.S.S. Silver Jubilee Week and present Street Plays on social problems like, Girl Child, Environment, Drug Addiction, etc. They also painted the corridor walls of the College.

Information about the Research Projects completed by the teachers, and Seminars/Workshops held by the College:

Dr. R.V. Gaonkar, Lecturer in Selection Grade Scale in this College, is carrying out research project under the title "Effect of Agrotechniques for im-

proved Rice Adaptations to local conditions".

WWF-India-Goa Division, in collaboration with the International Institute of Rural Reconstruction (II R R-Philippines) had sponsored a workshop to produce an Information Kit on "Conserving the Biodiversity of the Western States of India" from January 15th to 30th January 1994 at the prestigious National Institute of Oceanography, Dona Paula, Panaji, Goa.

The objective of this workshop was to produce a simplified technology information kit, designed for the use of non-Government organisations, field workers, agents of government bodies and village panchayat officials as Environmental education material.

Shri M.P. Tonsekar and Dr. A.V. Veeresh attended this course as resource persons and presented the following papers:—

1. Shri M.P. Tonsekar - "Wild Life Trade and Consumers Action".
2. Dr. A.V. Veeresh - "Reforestation for Restoration of Mining areas in Goa".

The workshop was attended by WWF educators from Gujarat, Maharashtra, Goa and Karnataka States, besides many Government and non-Government officials. In all, sixty papers were presented by eminent persons and genuine workers from the different fields of Environmental Science and those who are interested in preserving Biodiversity of Western Ghats. The information kit is in the press and Shri Tonsekar has requested the WWF, Goa Division to forward the same to this College.

Construction of New Buildings:

The construction of the new Library Building admeasuring 1200 sq.mtrs. is completed and is now ready for use. It provides for a spacious reading hall, a reference library hall, hall for display of latest arrivals, journals, a bigger hall for stacks, separate room for research scholars, a book-binding room and library office staff.

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

This College is run by Diocesan Society of Education, Paco, Patriarcal, Altinho, Panaji, Goa. This college was established in June, 1963 by the Archdiocese of Goa and Daman. It caters to instruction in the approved subjects leading to B.A. and B.Sc. degree. There is a hostel for boys run by the College, and Girls' hostel is at

Khorlim, Mapusa, run by Nuns.

Fr. Antimo Gomes is the Principal of this College.

Teaching and Research Staff:

1. Mr. P.M. Usgaonkar, M.Sc.
Lecturer
2. Mr. G.R. Dukle, M.Sc.
Lecturer
3. Mr. A.S. Timble, M.Sc.
Lecturer
4. Mr. A.S. Timble, M.Sc.
Lecturer
5. Miss Kathleen Gomes, M.Sc., M.Ed.
Lecturer
6. Mrs. Isabel **M.F. De Noronha, M.Sc.**
Lecturer
7. Mr. A.B. Coelho, M.Sc.
Lecturer
8. Mr. C.R. Bhonsle, M.Sc.
Lecturer
9. Mr. Peter Morris, M.Sc.
Lecturer
10. Mrs. Flavia Barbosa, M.Sc.
Lecturer
11. Mr. B.S. Keshavan, M.Sc.
Lecturer
12. **Mr. Pradeep Morajkar, M.Sc.**
Lecturer
13. Mr. Dominic Nelson Lobo, M.Sc., M.Phil.
Lecturer
14. **Mr. S.C. Tavakari, M.Sc.**
Lecturer
15. Miss Elaine Rodrigues, M.Sc.
Lecturer
16. Mrs. Marina Monteiro, M.Sc.
Lecturer
17. Mrs. Sheila Velho Martins, M.Sc.
Lecturer
18. Mr. Nelson D'Souza, M.Sc.
Lecturer
19. Mr. B.A. D'Souza, M.Sc.
Lecturer
20. Mr. A.S. Mudbidri, M.Sc.
Lecturer

21. Miss Zita do Carmo Souza, M.Sc.
Lecturer
22. Mr. Balkrishnan C. Nair, M.Sc.
Lecturer
23. Mr. G.G. Bakhle, M.A.
Lecturer
24. Mrs. Blanche Mascarenhas, M.A., B.Ed.
Lecturer
25. Mr. Daniel D'Souza, M.A.
Lecturer
26. Mrs. Sudha Chari, M.A., Ph.D.
Lecturer
27. Mrs. Ruth D'Souza, M.A.
Lecturer
28. Mr. F. David, M.A.
Lecturer
29. Mrs. Alice D'Cruz, M.A., B.Ed.
Lecturer
30. Miss Nina Caldeira, M.A.
Lecturer
31. Mr. A.P. Tripathi, M.A., Ph.D.
Lecturer
32. Mr. Y.N. Mense, M.A.
Lecturer
33. Mr. Thomas Mendonsa, M.S., S.T.C.
Lecturer
34. Mrs. Emilia Mascarenhas, M.Sc. D.H.E.
Lecturer
35. Mr. B. Rajasekhar, [M.Com.](#), M.Phil.
Lecturer
36. Miss Maria Difa Fernandes, [M.Com.](#), D.H.E., M.Phil.
Lecturer
37. Mr. Rajendra Kanekar, M.Sc.
Lecturer
38. Mrs. Anuradha Kakodkar, M.A.
Lecturer
39. Mrs. Ursula Pinto, M.Sc.
Lecturer
40. Mr. Tushar Anvekar, M.Sc.
Lecturer
41. Mrs. Pamela Fernandes, M.A., B.Ed.
Lecturer
42. Mr. Satish Bute, M.A., B.Ed.
Lecturer

43. Mrs.'Aruna Ganu, M.A., B.Ed.
Lecturer
44. Fr. Walter D'Sa, M.A., B.Ed.
Lecturer
45. Mrs. Anne Fernandes, M.A., B.Ed.
Lecturer
46. Mr. Benedict Soares, M.Sc.
Lecturer
47. Miss Magdalene D'Souza, M.A.
Lecturer
48. Miss Edwina Fernandes, M.Sc., B.Ed.
Lecturer
49. Mr. P.M.V. Tharakan, B.P.E.
Director of Physical Education

Library:

Total number of text books, reference books, periodicals and academic journals in the Library as on 20.4.1994.

Books 31,155

Journals 45

Information about the Research Projects:

- (1) Mr. Benedict Soares, Asstt. N.S.S. Programme Officer, attended the Orientation Course on N.S.S. sponsored by the Department of Youth Affairs and Sports, Govt. of India, at Tata Institute of Social Sciences, Bombay.
- (2) Miss Magdalene D'Souza has completed M.Phil. Part-I and is engaged in writing the Dissertation.
- (3) Mr. Nelson De Souza is continuing his Ph.D. studies under the guidance of Dr. Joe D'Souza. His studies involve the Biotransformation in the Mangrove Swamps of Goa.

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

N.C.C.:

In addition to annual camps, National Day Parades, Inter Groups Competition in firing, Cooking Quiz, Rangoli were organised. 54 students donated blood at the Blood Donation Camp held in this College. Five boy cadets passed the 'C' Certificate examination, 1 boy cadet passed 'C' certificate examination. Six girl cadets passed 'B' certificate examination and eight girl cadets passed 'C' certificate examination. Twelve girls donated their eyes to Eye Bank, besides raising fund for the *bank*. Two cadets Mr. Prakash Tamankar and Suhas Achrekar attended the Army Attachment Camp at Bangalore. Two

cadets Mr. Englebert D'Mello and Simplicio Dias attended the Army Attachment Camp at Secunderabad. Two cadets attended the summer vacation camp at Dharwad. Two cadets attended the National Integration Camp at Mysore. Mr. Anil Gad attended the National Integration Camp at Gujarat.

Sports:

During this year the college won many championships:

1. Table Tennis (Girls) Champion
2. Khokho (Girls) Champion
3. Football (Girls) Runners up
4. Cricket (Girls) Champions
5. Hockey (Boys & Girls) Champions

Cultural Activities:

The college activities are promoted in this Institution through the following Association: Science Association, Western Languages Association, Indian Language Association, Current Affairs, Women's Cell, Nature Club, Theatre Club. A Common inaugural function was held at which Prof. Suresh Amonkar was the Chief Guest. Besides the regular activities, the students participated in the programmes on Teachers Day, Social 'Plus Point', cultural programme, Sports Day, College Day, and Science, Arts and Crafts Exhibition. This year the Goa University conducted Inter Collegiate Youth Festival in which the college won 5 first prizes, 5 second prizes and 5 third prizes in different events and the college was declared UNIGO Youth Festival Champions for which a trophy was given.

In the Elocution and debating competitions, our students secured many prizes:-

1. Mr. John Lobo and Ms. Valerie D'Souza won the Rolling Shield and First & Second Place in the Elocution Competition organised by Jaycees.
2. Ms. Farzana Laljee was declared 'Orator 93' at the All Goa Elocution Competition organised by Lions Club of Mapusa.
3. Mr. John Lobo and Ms. Valerie D'Souza won the Rolling Shield and Ms. Valerie D'Souza won the Second Place in the Elocution Competition organised by Lions Club of Chicalim.
4. Mr. John Lobo and Ms. Sheila D'Silva won the 'Late Shri Tukaram Prabhu Memorial Trophy' and Ms. Sheila won Second Place in All Goa Inter-Collegiate Competition organised by G.V.M. College of Commerce and Economics, Fonda.

5. Ms. Neetu Sharma and Ms. Sheila D'Silva won the Zuari Agro Chemicals Limited Shield and Ms. Sheila D'Silva won the Second Place in the Elocution Competition organised by Rotaract Club of Panaji.

6. Ms. Sheila D'Silva and Ms. Valeie D'Souza won the Lawande Shield for the third consecutive year organised by Dempo College of Commerce.

7. Miss Prema Rocha won the first prize of Rs. 500/- in the Essay Competition organised by AIACHE for the second consecutive year.

8. Miss Farida D'Lima won the First Prize at the All India Inter University Western Solo Singing Competition held at Kurukshetra (Haryana). Earlier she had won at the Inter-Collegiate level and Western Zone Inter-University level at Amravati.

9. Mr. Kerwin Fernandes and Mr. Narayandas Sangodkar and Miss Tejasvi Kamat won many Quiz Competitions organised by different Institutions.

10. The College participated in 'Razzle Dazzle' and won 3rd place in Fashion Show.

N.S.S.:

Besides the regular activities like campus cleaning, Hospital Visits and Homeforthe aged, etc. organising National Day celebrations, the following were the Highlights of the year -

As soon as the enrolment of students was done, a massive tree plantation drive was launched by N.S.S. volunteers. As part of the Sadbhavana Diwas Celebrations the N.S.S. volunteers organised various programmes, one of them being Essay and Poster Competition on topics like communal harmony, national integration, over population literacy and care of the girl child, etc. Special N.S.S. rural reconstruction camp was held at Camurlim in which 90 students took part. 65 students attended the AIDS Conference at Panaji, on the occasion of World AIDS Day. A talk by Mama Saheb Kulkarni on 'Dowry- an Evil System' was organised. N.S.S. volunteers Ms. Cheryl D'Souza was selected to attend the Republic Parade Training Camp at Baramati.

Miss Prema Rocha won the state level Essay Competition and participated at the National Level competition at Delhi, organised by N.S.S. Unit. The N.S.S. volunteers undertook the Tobacco survey organised by the Cancer Society. The annual N.S.S. 'Mela' under the guidance of the Officer B.

Rajashekar in which National Integration Songs, Quiz, skits, was held.

Educational:

The College organised a 3-Day Seminar on the theme "Autonomous Colleges are the Need of the Hour to promote quality Education and Research", which was conducted by Dr. Francis H. Soundararaj, Principal, Madras Christian College (Autonomous), Madras.

Publications:

The annual college Magazine was published for which students and faculty members contributed some very enlightening and informative articles.

The College Bulletin 'Impact' for private circulation was also brought out by the 'English Circle' Association.

Information About Campus Development, Construction of new buildings, opening of new subjects, course programmes:

- (a) For the first time Commerce stream was introduced during this academic year and was inaugurated by Dr. Wilfred D'Souza, Chief Minister of Goa.
- (b) St. Xavier's Computer Academy was established and inaugurated at the hands of Mr. Victor Gonsalves, M.L.A. and Chairman of Goa Tourism Development Corporation, Goa, to create awareness in Computers and popularise them.

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

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

Teaching and Research Staff:

1. Prin. D. S. Bhende, M.A.
Principal
2. Dr. V. R. Naik, M.A. Ph.D.
Vice-Principal (Reader)
3. Prof. S. L. Sardesai, M.A.
Lecturer

4. Prof. A. P. Kamat, M.A.
Lecturer

5. Prof. S. J. Pai, [M.Com.](#),
LL.B. Lecturer

6. Prof. A. A. Sakhardande, [M.Com.](#) LL.B.
Lecturer

7. Prof. P. Naik Gaonkar, M .Com.
Lecturer

8. Prof. V. H. Borkar, M.Sc.
Lecturer

9. Prof. K. N. Joshi, M.Sc.
Lecturer

10. Prof. D. B. Naik, M.A.
Lecturer

11. Prof. A. M. Rangnekar, M.Sc.
Lecturer

12. Prof. (Mrs) M. S. Pilgaonkar, M.A.
Lecturer

13. Prof. N. H. Naik Gaunekar, [B.Com.](#) F.C.A.
Lecturer

14. Prof. C. V. Ramani, [B.Com.](#), F.C.A. LL.B.
Lecturer

15. Prof. S. R. Bhandari, [B.Com.](#) F.C.A.
Lecturer

16. Prof. A. S. Sangoram, [M.Com.](#) F.C.A.
Lecturer

17. Prof. Kamallesh Amalani, [B.Com.](#) F.C.A.
Lecturer

18. Prof. V. A. Naik, [B.Com.](#) LL.B. F.C.A.
Lecturer

19. Prof. S. R. Dhume, [B.Com.](#) F.C.A.
Lecturer

Library:

Total No. of Text-books	4,941
General books including Reference	12,187
Toal No. of books	17,128
Periodicals	12
Academic Journals	38

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

N.C.C.: This year N.C.C. activities started as usual by oath taking ceremony on the auspicious day, 15th August, 1993. A cultural programme also was presented by the cadets. 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 1000 saplings in the University campus.

Blood Donation is a regular feature of N.C.C. activities. This year it was held in our college. Principal D. S. Bhende was the Chief Guest of the function. The cadets also presented a colourful cultural programme on this occasion. Twelve cadets voluntarily donated their blood to the God Blood Bank.

Annual Training Camp: In the annual training camp held at Monte de Guirim, our college won the first place in drill competition and won the overall first place for the first time under the leadership of under officer Nilesh Rane, our cadet Sudhir N. Khalwadekar won the first place in the individual firing competition. Cadet under Officer Nilesh S. Rane made a mark by being the first cadet from S. S. Dempo College to attend the Republic Day Camp '94 at New Delhi. He also took part in GUARD OF HONOUR.

As part of the extra curricular and adventures activity the N.C. C. cadets had gone for a hike to Vageri hills trekking for about 15 kms. through the enchanting forest and climbing the challenging hill in sporting spirit. The college also took part in 19th Dec., Liberation Day parade held at Campal grounds. Our platoon was lead by SGT Narayan Chimulkar. Sr./Under Officer Nilesh Rane was adjudged the Best Cadet for the year.

Sports: The year 1993-94 was quite satisfactory for us, as we did well in Inter-Collegiate (M/W) tournaments organised by Goa University. Following is the detailed break-up of the games:

Table-Tennis (men) team winners (in the Inter-Collegiate tournament) under the able Captainship of Mr. Gurudat Saokar. Our College won the Inter Collegiate title first time.

(2) Badminton (Women) team winner's (in the Inter Collegiate tournament) under the able Captainship of Miss Leena Pednekar. Our college won the badminton title for second successive year.

The following players represented Goa University and Goa state in Cricket:

(1) Vinay Palekar

(2) Sandeep Signapurkar

(3) Manoj Kharade

Miss Supriya Vaigaionkar selected for west zone cricket tournament (Women).

Miss Leena Pednekar and Mr. Luciano Soares participated in the 58th Senior National Badminton Championships held in Lucknow.

Mr. Francis Diniz got four goals in VIII Inter Collegiate Athletic Meet organised by Goa University at Campal ground, Panaji.

In swimming (Men) Mr. Vishal Gulati secured II place in Breast stroke. Mr. John Oliveira **got** one gold in Discuss throw.

Power-Lifting (Men) Section:

1. Mr. Yogesh Thakur secured II place in power lifting.

2. Mr. Janio Jorge secured gold Medal in power lifting.

BEST SPORTS BOY: Mr. Nevil Furtado, S.Y. [B.Com.](#)

BEST ALL ROUND SPORTSMEN FOR LAST THREE YEARS: Mr. John Oliveira, T.Y. [B.Com.](#)

BEST SPORTS GIRL: Miss Leena Pednekar, S.Y. [B.Com.](#)

Debates & Cultural Activities: Our college has always emphasized on academic excellence. This year we decided to give fresh impetus to cultural and literary activities along with academics.

Cultural and literary activities have very important role to play in the all round development of the personalities of the student. As soon as the students Council was formed in July, we started the year's activities and they culminated only in February when the exams stood just **round the corner**.

The following is the brief synopsis trying to capture the activities stretched over the year.

1. In the last week of July, we organised an Inter-class elocution competition. Students from all three classes participated in large numbers. In the prepared category, the prizes were won by Miss Joan Pires, Rayan Soares and Sean Fernandes. The best extempo speaker was Sagar Athanikar and Vishal Gulati was the runner up.
2. On the eve of the Independence Day we organised a 'Poet's Meet' in all the three languages i.e. English,

Marathi and Konkani. Many well known poets of the college delighted the audience with their poetic creations.

3. August proved to be a month full of activities. 24th August was the day of inter-class Quiz competition. After a series of preliminary rounds, three students from each class were chosen to represent the class T.Y. B.Com. team consisting of Miss Nisha Nambiar, Vishal Gulati and Rajnish Amin emerged winners.

4. On 28th August, a debate was organised on the topic 'Love marriages are better than arranged marriages'. The proposition team lead by Miss Joan Pires emerged stronger.

5. Inter-Class Hindi film song competition was organised on 23rd December. Prasad Amonkar, Prasad Naik and Sumedha Sadhale won first, second and third prize respectively.

6. On 17th January, 1994, we organised Dr Y. V. Lawande and Shri V. S. Bharane memorial inter-collegiate elocution competition. MR. Nilesh Talwadekar of Goa Medical College won the individual trophy while the best team trophy was won by St. Xavier's College, Mapusa.

7. The Annual Social Gathering was held on 22nd January, 1994. Dr. Arun Heblekar, Registrar of Goa University, was the Chief Guest who distributed prizes to students showing excellence in academic and co-curricular activities. Afterwards students presented a colourful cultural programme.

8. In the month of July, 1993 our students participated in all Goa Group Dance contest organised by RAZZMATAZZ, and in the same contest our students won the first prize showing excellent performance.

9. In the Inter-Collegiate One Act Play competition organised by Kala Academy we won the following prizes:

1. 2nd prize for Marathi play 'YATNAGHAR'
2. 2nd prize for English play 'AZIR'
3. Best Actress first prize to Miss Ketan Thali.
4. Best Actor second prize to Mr. Vyankatesh Vasta.
5. Best Actor second prize to Mr. Aaron Coutinho.

N.S.S.: This academic years activities started with the sale of T.B. seals. Our volunteers sold seals worth Rs. 300/-. Anti-tobacco campaign was continued till the end of this year.

On 10-09-93 our N.S.S. unit celebrated the Cente-

nary of Swami Vivekananda's world famous Chicago address. Dr. Tanaji Halarnkar, Director of students' welfare, Goa University spoke on this occasion; Prof. G. K. Kelkar, N.S.S. Chief Coordinator, Goa University presided. A Portrait of Swami Vivekananda was unveiled on the occasion.

Our special camp for this year was held at Gaodongri village of Canacona Taluka from 17th to 27th October, 1993. During their stay at the camp our volunteers offered Karaseva at the Mallikarjun Temple at Gaodongri and undertook cleaning of campus of primary schools at Jintawada and Karve.

A health camp also was organised at Gaodongri in which Dr. Padmakar M. Pai spoke on Immunisation, Family welfare and scabies.

Dr. S. V. Mahale spoke on harmful effects on tobacco, alcohol and drugs. Shri Panchwadkar of Community health Centre, Canacona co-operated in organising the health camp.

Shri Dillan Desai, Sarpanch, Gaodongri organised a civic reception in honour of participants of our special camp. Other dignitaries like Zilu Gaokar were also present at the reception.

Cleaning, gardening and social forestry were the main projects volunteers undertook during the year.

Our volunteers actively participated in the AIDS awareness programme organised by the Directorate of Health Services.

A batch of 20 girls worked as volunteers at Akhil Bharatiya Marathi Sahitya Sammelan held at Panaji, in January '94.

Volunteers and programme officers of the College participated in the Silver Jubilee celebration of N.S.S. Three volunteers were deputed at the leadership Development Camp, organised at Saraswat Vidyalaya's College, Mapusa.

EDUCATIONAL AND EXTENSION WORKS:

WALL-PAPER REPORT - 'DEMCOM' our college wall paper is much more than a decorative corner on the notice board. It is the channel which helps our students to express their literary talents and voice their opinions.

During the year 1993-94, DEMCOM brought out 24 issues including special issues on 15th August, Ganesh Chaturthi, Gandhi Jayanti and 19th December.

The articles consisted of write ups on current is-

sues, poems, quotable quotes, jokes and so on.

For the year 1993-94, the Board of Editors consisted of:

Elona Goveia, Deliala Fernandes, Agnelo Araujo, Swati Wagh, Swati Pai, Sheikh Samiruddin, M. K. Vinod, Raj Suraj G. Rupesh Naik, Hetal Shah, Harshida Shah, Denzil Xavier, with Raju Surti, handling the painting and cartooning.

PLANNING FORUM REPORT: The Planning Forum of the college constituted at the beginning of the academic year. The forum consisting of the Symposium and Quiz Committee, Survey Committee, wall paper committee and interview committee undertook the following activities during the academic year.

1. WALL PAPER COMMITTEE:

The members of this committee regularly displayed articles on matters of current interest written by them. Following is the list of some of the articles written by the members during the year.

Nirmala Dasarathy	The Dunkel Draft What killed the dinosaurs
Isabel Bruto da Costa	— Danger on the lurk
Cherian Eapen	The last of the gentle giants.
Vanita Bargi	Free Port: A golden dream
Swati Pai	Devaluation
Sameer Khatkhate	Small investors asking for their share.
Elona Goveia	Dangers of drug addiction.

The members of this committee were:

Nirmala Dasarathy, Elona Goveia, Isabel Bruto da Costa, Deepa Deo, Vanita Bargi, Cherian Eapen, Vikram Kumatkar, Sumedha Sadhale, Rajendra Kamat, Swati Pai, Francis Fernandes, Mercy Indiaraj.

2. SYMPOSIUM COMMITTEE:

The first task taken up by this committee was the organising of the inauguration of the Planning Forum. The eminent industrialist Mr. Dilip Salgaonkar who was invited as the Chief Guest delivered a talk on 'Goa's Economic Development since Liberation'.

The Committee later organised the inter-class quiz.

The winners of the quiz were the class T.Y.B.Com. (Div. B) team represented by Sagar Athanikar, Ratna Rani Rao and Nisha Nambiar.

This committee comprised of the following members: Mousami Kamat, Elaine Gomes, Ratna Rani Rao, Maria Roque, Raj Sulakhe, Renuka Hasotikar, Sharon D'Souza, Joslin Afonso, Hema Terani, Noemia Braganza, Patricia Rodrigues, Milton D'Souza, Anthony D'Lima, Avelino D'Sa.

SURVEY COMMITTEE:

The members of this committee undertook a survey among the students of this college in order to find out their opinion about various aspects of the present educational system and the various facilities available in college.

The results of this survey are published in this magazine.

The students who made up this committee were: Mukund Barve, Janic Colaco, Agnelo Araujo, Asha Sharma, Charlotte D'Costa, Adolf Pinheiro, Vishwanath Dangi, Parimal Kulkarni, Priya Kamat, Arun Rajput, Sukumar Shastri, Sean Fernandes, Rohit Kukalekar, Nikhil Sirsat, Shanti Chari.

On the whole of the planning Forum carried out its programme of the year effectively.

Statistical details regarding the teaching programme and students:

Sr. No. of study yr.	Branch	Degree to be awarded	Duration of degree course	No. of Students in 1993-94		
				1st yr.	2nd yr.	3rd yr.
1	Commerce	B.Com.	3 yrs.			
	Boys			159	131	144
	Girls			161	140	108
	Total			320	271	252

Results of the College percentage-wise:

April, 1993		No of students appeared	No. of students passed
B.Com.	Boys	143	51
	Girls	176	42
Oct./Nov. 1993			
B.Com.	Boys	102	30
	Girls	92	33
April, 1994			
B.Com.	Boys	203	64
	Girls	158	65

Information about campus development, Constructiton of new buildings, opening of new subjects, course programmes:

Shifted from Lycium Square, Altinho, Panaji to Serra Building, Near All India Radio, Altinho, Panaji w.e.f. 16-12-1993.

Introduced to restructured course of [B.Com.](#) degree of Goa University at F.Y. [B.Com.](#) from June, 1994.

**A-5. CARMEL COLLEGE 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. Rosanne A.C., is the Principal of the

College, No hostel facilities are provided by the college.

Teaching and Research Staff:

1. Sr. Rosanne A.C. M.A. B.Ed.
Principal
2. Sr. Margaret Angela D'Souza A.C., M.Sc.
Vice-Principal
3. Dr. (Miss) Meenakshi Mallya, M.Sc. Ph.D.
Head, Dept of Biology
4. Mrs. Nora Govil, **M.A.**
Sr. Lecturer
5. Mrs. Lucretia Pereira, M.Sc.
Sr. Lecturer
6. Mrs. Dina D'Silva M.A. D.H.E.
Sr. Lecturere
7. Sr. Florence Mary A.C. M.Sc.
Head Dept of Chemistry
8. Mr. K. J. Augusthy, M.A. D.H.E.
Sr. Lecturer
9. Mrs. Marykutty Augusthy, M.Sc.
Sr. Lecturer
10. Mrs. Shobha Verenkar, M.A.
Lecturer
11. Dr. (Mr.) M.C. Mathai, [M.Com.](#) M.Phil. Ph.D.
Head Dept of Commerce
12. Sr. Emma Maria A.C. M.A.
Lecturer
13. Mrs. Molly Joseph, M.Sc.
Lecturer
14. Mrs. Maria Luiza Valladares, **M.A.**
Head Dept of English
15. Mr. Rajendra M.Sc. **M.Phil.**
Lecturer
16. Miss Subhadra D. Gadi, M.Sc. M.Phil
Lecturer
17. Mrs. Mini Vijayan, M.Sc.
Lecturer
18. Mrs. Nirmala Joseph, M.Sc.
Lecturer
19. Dr. (Miss) Sulabha Phatak, M. Sc. Ph. D.
Lecturer
20. Mrs. Lolita D'Souza M.A., D.H.E.
Lecturer
21. Mrs. Radhika Nayak, M.A. D.H.E., LL.B.
Lecturere
22. Mr. Manoj Borkar, M.Sc.
Lecturere
23. **Mr. Efrem** D'Sa, M.Sc. M.Phil.
Lecturer
24. Mrs. T. Gladys Mony, M.Sc. B.Ed., M.Phil.
Lecturer
25. Miss Nizia Barbosa, M.A.
Lecturer
26. Mr. Olavo Gama e Menezes, [M.Com.](#) B.P.Ed.
M.P. Ed.
Physical Education, Director.
27. Miss Cheryl Varela, M.Sc.
Lecturer
28. Miss Christabel Faria, M.A.
Lecturer
29. Mr. D. V. Valaulikar, B.Sc. LL.B. C.A.
Lecturer
30. Miss Leila Mascarenhas, M.A.
Lecturer
31. Miss Juliana D'Souza, [M.Com.](#)
Lecturer
32. Mrs. Akalpita Dessai, M.A.
Lecturer
33. Miss Louise Ann Fernandez, M.A.
Lecturer.
34. Mrs. Roxana Singh, M.A.
Lecturer
35. Miss Nirmala Abreu, M.A.
Lecturer

36. Sr. Matilda Madtha A.C. M.Sc.
Lecturer
37. Sr. M. Aradhana A.C. [M.Com.](#)
Lecturer
38. Miss Rupa S. Dharwadkar, M.A.
Lecturer
39. Miss Karuna Saraswat, M.Sc.
Lecturer
40. Miss Nelsa Rodrigues, M.A.
Lecturer
41. Mr. P. P. Singh, M.A. LL.B., LL.M.
Lecturer
42. Dr. (Mr.) S. S. Hiremath, M.A. Ph.D.
Lecturer

Library:

Total No. of books	14,864
Total no of Academic Journals	28
Total No. of Periodicals	09

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

A Workshop on S.I.P. was organised by Carmel College which was attended by the following teachers:

1. Sr. M. Rossane A.C.
2. Sr. Margaret Angela D'Souza A.C.
3. Dr. (Miss) Meenakshi Mallya
4. Mrs. Nora Govil
5. Mrs. Lucrecia Pereira
6. Mrs. Dina D'Silva
7. Sr. Florence Mary A.G.
8. Mr. K.J. Augusthy
9. Mrs. Marykutty Augusthy
10. Mrs. Shobha Verenkar
11. Mr. M. C. Mathai
12. Sr. Emma Maria A.C.
13. Mrs. Molly Joseph
14. Mrs. Maria Luisa Ferrao Valladares
15. Mr. Rajendra
16. Miss Subhadra D. Gadi
17. Mrs. Mini Vijayan
18. Mrs. Nirmala Joseph
19. Dr. (Mrs.) Sulabha Phatak
20. Mrs. Lolita D'Souza

21. Mrs. Radhika Nayak
22. Mr. Manoj Borkar
23. Mr. Efrem D'Sa
24. Mrs. Gladys Thankalata
25. Miss Nizia Barbosa
26. Mr. Olavo Gama e Menezes
27. Miss Cheryl Varela
28. Miss Christabel Faria
29. Miss Leila Mascarenhas
30. Miss Juliana D'Souza
31. Mrs. Akalpita Dessai
32. Miss Louise Ann Fernandez
33. Sr. Matilda Madtha
34. Sr. M. Aradhana A.C.
35. Miss Nirmala de Abreu
36. Mrs. Roxana Singh
37. Miss Rupa Dharwadkar
38. Miss Karuna Saraswat

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

N.C.C.: NCC parades for the academic for 1993-94 began on 21st July, 1993. All together 60 cadets were enrolled, 50 Cadets from Carmel College and 10 Cadets for the neighbouring Damodar College of Commerce under the platoon Commander 2/Lt. Louise Ann Fernandez. The Senior Cadet select for the year was Raksha N. Kochkar. The other rank holders in the platoon were ISGT, ICSM, 3CPUS, 4 L./CPL's and 50 cadets.

During the summer vacation of May '93, 3 cadets from Carmel College attended the Advanced Leadership Camp (ALC) at Trichinopoli, Tamil Nadu. Cdt. Rosy Travasso did our platoon proud by bagging the 2nd place in Signals with a Silver medal. A National Integration Camp (NIC) was held at Tarapore, 2 Cadets from Carmel College attended this camp. Yet another National Integration Camp (NIC) was held at Mysore. 10 cadets from our platoon attended the camp. They won 3 prizes for cultural activities,

In College, parades were held every Tuesday from 1.15 pm to 5.15 pm. The ANO 2/Lt. Louise Ann Fernandez inspected the parades and held classes. Knowledge of military subjects like map reading, signals, weapon training, First Aid, **Home** Nursing were imparted. Besides this classes in other subjects of general interest was imparted. Practical

training in drill and word of Command was conducted on the drill square.

Last year CPL Elvita Vaz was selected to attend the Republic Day Selection Camps. All together she represented our college for 3 camps. On 15th August, 1993 a special NCC parade was held in College to celebrate the 46th Independence Day of India. All the cadets together with the ANO were present for the parade. The Principal of Carmel College Higher Secondary Section hoisted the National Flag and received the salute. A patriotic Song and National Anthem were sung at the end of the parade. There was distribution of certificates to the Cadets for their Contribution towards the National Association for the Blind.

In the month of September, a Social Service Visit was carried out by the cadets and the ANO, to the Home for the Aged at Majorda. The cadets distributed biscuits, apples and chocolates to the inmates of the home. They also had a short entertainment programme and did campus cleaning at the Home. The cadets also participated in the programme of eye donation.

In November, the Annual Training Camp (ATC) was held at Fatorda Stadium from 8th - 19th November 30 cadets, from the college together with the ANO 2/Lt. Louise Ann Fernandez attended the camp. The cadets participated enthusiastically and wholeheartedly in the various aspects of the training and cultural programmes held at the camp.

2 Cultural dances and 1 solo song were selected from the college to be presented for the proposed visit of DGNCC in the month of December. CUO Raksha Koshar bagged a silver medal for the Best Senior Cadet, SGT Reva Antao bagged a silver medal as the Best Cadet from Carmel College, CDT Sharmila Balikar a silver medal for her solo song and ANO Louise Ann Fernandez a silver medal for Alpha grade at Women Officers Training School Gwalior.

The cadets also participated in the Swagatham (welcome song) sung during the period of the All India Trekking Camp held at Fatorda Stadium from 25th Nov. - 3rd Dec. Besides this 5 other cadets from the college were selected for Quarter Guard drill and 2 other did the job of piloting the Chief Guest at the camp.

In the months of January, another social visit was held to the Orphanage of Sta. Terezinha at Margao. The cadets distributed sweets to the Children and entertained them. A trek was organised by the ANO

for the cadets to Chandranath Hill in Quepem taluka. In the month of February firing was held for the cadets behind the college campus. The NCC activity for the year wound up with a group snap of the NCC cadets & ANO for sweet memories and the college Magazine.

N.S.S. N.S.S. report of the social activities conducted by the College in the service of the community details about the achievements of students/teachers in this field.

ASSISTING THE HOSPICIO (MARGAO) AND THE HOME FOR THE AGED AT MARGAO AND MAJORDA:

Our N.S.S. students visited the Hospicio at Margao, while taking a keen interest in each of the inmates, they helped in cleaning windows, floors, making beds, preparing eye pads, bandages of gauze, checking of dead stock and other clerical work. Various activities were also carried out at the home for the aged, like helping in the kitchen, gardening, spraying pesticides and spending time talking to the inmates.

FREE TUTIONS TO SCHOOL GOING CHILDREN:

The N.S.S. Volunteers took up this as a main project, whereby they approached the Principal and Class Teachers of varied schools, who informed them of the scholastically backward students, who could improve with coaching and guidance. The volunteers helped and coached approximately 2 to 3 students after their school hours.

ADULT LITERACY:

10 students have committed to involve themselves in the MPFL programme whereby they take neo-literate from their place of residence, teaching them the basic skills of reading, writing, signing their names, in places such as the bank etc. Our volunteers found the programme so fulfilling that they carried on this project, even after the end of the academic year.

WORK DONE ON CAMPUS:

- a) Weeding, watering of plants and caring for trees. This was done mainly after class for one hour in batches.
- b) Botanical Gardens - These gardens were maintained by the volunteers of the science stream. Weeding, planting of saplings, watering of the same for the purpose of experimentation and research of these plants was undertaken.
- c) Library work - The students also did work in the

library, which comprised of shifting, clearing of shelves, labeling and maintaining old books, on rationary basis, wherein a batch of 3 students each put in 15 hours of work.

ACTIVITIES CONDUCTED DURING THE COURSE OF THE YEAR:

During the course of this year one day was set aside for the entertainment and pleasure of those at Majorda Home for the Aged. Much to the delight of the aged there, an entertainment programme was organised. Presents were distributed and a sumptuous meal was heartily partaken of.

ACTIVITIES CONDUCTED:

On a Sunday, the volunteers spent the entire day, cleaning and beautifying the campus. Caring for trees planted is also being carried out.

The Sadbhawana Day was commemorated, prizes were sponsored by the N.S.S. Unit for the inter-class patriotic song competition and a poster competition was organised by the N.S.S. Unit.

Annual camp held at Anuz: The annual camp was held at Anuz, a ward in Nuvem, the following were the activities undertaken by our group with the aim of making the villagers aware of the importance of hygiene in daily life and rights and privileges available to them from government agencies. The following projects were undertaken:

Digging Trenches; Cleaning of Chapel grounds; Socio-Economic and literacy survey; Immunization Survey; Each one Teach one; Entertainment and sports for the villagers.

SPORTS: Sports activities for the year 1993-94. The college participated in the following events: Basketball, Football; Volley-ball; Tennikoit; Kabaddi; Cricket; Handball; Athletics.

The college emerged winners in Football, Handball and Tennikoit and were runners-up in Volley-ball, Kabbadi & Cricket.

7 of our players represented the University Football team and were placed 3rd at all India Inter-University level.

CULTURAL ACTIVITIES: Our students have participated in various activities like essay competitions, quiz programme, debates and painting competition, fashion shows and dramatics at Collegiate and inter-collegiate levels.

The women cell also organises activities to encourage greater participation. The environment club had

undertaken tree planting, maintenance of cleanliness of the college campus, up-keep of various trees planted and various other activities.

Earthquake relief fund was built up by the staff and students. The staff (teaching and non-teaching) donated a days salary for relief of the victims. The staff and students also organised canteens. Department-wise activities were organised like inner-collegiate debates and elocution competition. The staff planned and organised a very entertaining students' day which consisted also a cricket match, staff v/s students which was very much appreciated by the students.

Statistical details regarding the teaching programme and students:

Sr. No.	Branch	Degree	Duration of degree awarded	No. of students in 1993-94		
				1st yr.	2nd yr.	3rd yr.
1.	Arts	B.A.	3 years	Girls 118	108	102
2.	Science	B.Sc.	3 years	Girls 80	50	57
3.	Commerce	<u>B.Com.</u>	3 years	Girls 70	72	58

Results of the college percentage-wise:

Faculty	March/April 93	Oct/Nov. 93	March/April, 94
BA	App: 115 Pass: 66 57.39%	App: 38 Pass: 89 52.63%	App: 89 Pass: 67 75.28%
B.Sc.	App: 54 Pass: 48 89%	App: 08 Pass: 03 37.5%	App: 62 Pass: 51 82.25%
<u>B.Com.</u>	App: 59 Pass: 13 22.3%	App: 63 Pass: 31 49.20%	App: 56 Pass: 16 28.57%

Publications: College Magazine.

A-6 MURGAON EDUCATION SOCIETY'S COLLEGE OF ARTS & COMMERCE, ZUARINAGAR-GO A

The College established in June 1872 is run by Murgaon Education Society and imparts instruction in the approved subjects leading to B.A. & B.Com. degrees. Prof. Madhav S. Kamat is the Principal of the College. No hostel facilities are provided by the college.

Teaching and Research Staff:

1. Prof. M.S. Kamat, M.A.
Principal

2. Prof. H. T. Nagvenkar, M.A.
Lecturer
3. Prof. N. B. Kale, M.A.
Lecturer
4. Prof D.A. Kamat, M.Sc.
Lecturer
5. Prof S.N.D. Poojary, M.A.
Lecturer
6. Prof. K. S. Nairi, M.A. LL. M.
Lecturer
7. **Prof. Ms. M. C. Rodrigues**, M.A.
Lecturer
8. Prof. B. V. Kolekar, [M.Com.](#)
Lecturer
9. Dr. **R. B. Path I M.A.** Ph.D.
Lecturer
10. Prof. M. L. Pednekar, [M.Com.](#)
Lecturer
11. Prof. V. V. Sail, [M.Com.](#)
Lecturer
13. Prof. B. S. Ingalhalli, M.A.
Lecturer
14. Dr. Mrs. Rekha R. Gaonkar, M.A. Ph.D.
Lecturer
15. Prof. Mrs. Meenakshi Gedam, M.A. M.Phil.
Lecturer
16. Prof. Ganesha Somayaji, M.A.
Lecturer
17. Prof. Ashok M. Sambargi, M.A. MPhil
Lecturer
18. Prof. Mrs. Rashmi Bhargava, M.A.
Lecturer
19. Prof. Mrs. Sandhya Bhandare Sequeira,
M.A. B.Ed. M.Phil.
Lecturer
20. Prof. Mrs. Cidalia Bodade, M.A. BEd., M.Phil.
Lecturer
21. Prof. Prakash Pawar, [B.Com.](#) (Hon.) FCA
Lecturer
22. Preof. B.S. Nagarsekar, [M.Com.](#) **LL.B.** F.C.A.
Lecturer
23. Prof. Mrs. Lalita P. Joshi, [B.Com.](#) M.B.A.
Lecturer
25. **Prof. Enrich Barretto**, M.Sc.
Lecturer

26. Shri P. A. Borgave, M.A. M.P.Ed.
Sports Director
Library :

Total No. of text books 497
Reference books 9617
Periodicals 45
Academic Journals32

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

Shri R. B. Patil, Head Dept. of Sociology and Mrs.

Rekha R. Gaonkar, Lecturer in Economics, completed their Research work successfully for which both of them were awarded the Ph.D. Degree by the Karnataka University.

Shri K. S. Nairi, Selection Grade Lecturer in Economics passed the LL.M. Degree examination of the Shivaji University in II class.

Mrs. Sandhya Bhandare Sequeira, Head of Department of English, successfully completed her research work on comparative study of a dissertation on the subjects "American Literature"; the Absurd in the plays of Edward Albee", and earned the M.Phil. Degree of Goa University.

Shri Ganesha Somayaji from Dept. of Sociology attended 2 Refresher courses one at Bombay and another at Lucknow. Prof. (Miss) M. C. Rodrigues attended a Refresher Course in Political Science at Goa University. Shri Manoj Pednekar, attended a Refresher Course in Commerce in Saurashtra University at Gujarath. Mrs. Sandhya Bhandare Sequeira, also attended a Orinetaiton Course in Canadian Studies at M. S. University at Baroda. Mrs. Rashmi Bhargava attended a Refresher Course in Psychology at SNTD University in Bombay and presented a Research Paper at the Indian Science Congress at Rajasthan University at Jaipur. Shri Enrich Barreto and Shri D. A. Kamat of Dept. of Mathematics attended an International Conference on Vistas in Modern Applied Mathematics held at Goa University in December, 1993. Shri P. A. Borgave, had the distinction of leading the Goa Athletic Games which concluded at Poona. Mrs. Rekha R. Gaonkar, who was awarded the UGC Teacher Fellowship has submitted herthesis for the Ph.D. Degree of Karnatak University. Shri Ashok M. Sambargi is selected to participate in orientation Course for NSS Teacher at the Tata Institute of Social Sciences Research at Bombay. **Mrs. Cidalla Bodade** was selected to participate in English

Teachers' Orientation Course at Goa University in February, 1994.

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

At the all Goa Wild Life Essay Competition organised by the Department of Forest, Govt of Goa, our students secured three first prizes. Miss Audrey Vales secured first prize in English. Shri Ramashankar Kevat in Hindi and Miss Inseyah Ali in Urdu.

The NCC and NSS units of our college which were active as ever collected Rs. 36,000/- for the Maharashtra Earthquake Victims Relief and handed over the amount to the Chief Minister of Goa, Hon'ble Dr. Wilfred D'Sozua. They also organised a Blood Donation Camp for the benefit of Goa Blood Bank.

Our Arts Circle organised a glittering Singing Competition and Star Studded variety entertainment programme. The Ladies Circle organised one full week of Ladies Events which was an outstanding success.

SPORTS: Goa University Cycling Competition: Roy Fernandes of T.Y.B.Com. secured Bronze Medal in the inter-collegiate cycle race for men organised by Goa University on 16.12.93. Goa University Judo Competition: M.E.S. College Judo (Men) team led by SHAILESH KAVLEKAR bagged the Gold Medal in "Under 60 kg weight" category and Mr. Vivek Chodankar bagged Bronze Medal. Other team members were Abhay Kerkar and Franky Fernandes.

Goa University Body Building Competition: Glen Gomes of T.Y.B.Com. class secured Bronze Medal in the Inter Collegiate Body Building Competition "Under 65 kg.wt."

Goa University Football Tournament: The crowning glory visited us when the MES College Football (Men) team led by Bertrand G. Fernandes won the Inter-Collegiate Football Championship for the year 1993-94. Bertrand G. Fernandes of S. Y. B.Com. and Ozler F. Fernandes of F.Y. B.A. were selected to represent Goa University at Chandigarh at the Inter University Football tournament. Bertrand was also selected for Football camp held at Calcutta and Kerala to select All India Football team to play at international tournament later.

CRICKET 1993-94:

1. Shri Sudesh Dhuri of T.Y.B.Com. the Captain of our college cricket team was selected as member of

Goa State Ranaji Team to play for Ranaji Trophy Match against Hyderabad this year and he also represented in under 21 years cricket tournament played against Karnataka and Kerala.

2. Shri Nilesh Naik and Seby Fernandes of S.Y. B.Com. and Dhiraj Narvekar of F. Y. B.Com. played in under 19 cricket tournament for Cooch Bihar Trophy representing the Goa State.
3. Nilesh Naik and Seby Fernandes also were selected in Goa University Cricket Team and played in Inter University Cricket Tournament held at Udaipur, Rajasthan.
4. Our F.Y.B.Com. students Shri Dhiraj Narvekar had the distinction of playing as Captain of the Goa team in under 16 puttahiraman Cricket Trophy Tournament.
5. Shri Kashinath Dhargalkar of F.Y.B.Com. was also selected for under 16 puttahiraman Cricket Trophy as member Goa Team this year.

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 1993-94			
				1st yr.	2nd yr.	3rd yr.	
1.	Commerce	B.Com.	3 years	Boys	122	110	103
				Girls	107	89	4
2.	Arts	B.A.	3 years	Boys	56	27	41
				Girls	65	52	90

Results of the college percentage-wise:

Class	March '93	Oct. '93	March '94
T.Y.B.A.	52.94%	35%	47.84%
T.Y.B.Com,	33%	31.09%	32.80%

A-7 VIDYA VIKAS MANDAL'S SHREE DAMODAR COLLEGE OF COMMERCE & ECONOMICS, MARGAO - GOA.

The college was established in June 1873 to impart instructions in the approved subjects leading to B.Com. degree. The College is run by the Vidya Vikas Mandal, Margao. Shri D. V. Borkar is the Principal of the college. The college, however, does not provide hostel facilities.

Teaching and Research staff:

1. Shri D. V. Borkar, [M.Com.](#) LL.B.
Principal & Head of the Dept. of Commerce.
2. Shri G. M. Prabhudessai, M.A. **LL.B.** Vice-Principal & Head of the Dept. of Economics.
3. Shri **C.** G. Kondli, B.A. M.A.
Lecturer
4. Shri V. G. Patil, B.Sc., M.Sc.
Lecturer
5. Shri **R.** T. Virkar, [M.Com.](#)
Lecturer
6. Shri J. M. Verlekar B.A. F.C.A.
Lecturer
7. Shri N. T. Mathew, [B.Com.](#) A.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, M.A.
Lecturer
13. Mrs. M. E. Abranches, M.Sc. DHE
Lecturer
14. Mrs. U. N. Pulapaka, [M.Com.](#)
Lecturere
15. Shri A.R. Neelgar, M. Com.
Lecturer
16. Mrs. Prita Malya, M.A. M.Phil.
Lecturer
17. Shri G. S. Keni, [B.Com.](#) C.A.
Lecturer
18. Mrs. Lydia Menon, M.A. LL.B.
Lecturer
19. Miss Florence Rebello, M.A., DHE
Lecturer
20. Shri P. **P.** Singh, B.Sc., M.A. **LL.B., LL.M.**
Lecturer, Dept. in Labour Laws
21. Miss Meera Shinde, M.A.
Lecturer
22. Mrs. Nirmala Gopinathan, [M.Com.](#)

Lecturer

23. Shri S. V. Yalagi, B.A. B.Lib. Sc. M.Lib. Sc.
Librarian

24. Shri S. T. Naik, B.A., B.P.Ed.
Sports Director

Library:

Total number of text books, reference books, periodicals and academic journals in the Library as on 20.4.1994.

No of text books	2,552
No of reference books	4,928
No of periodicals	40
No of academic journals	23

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

N.C.C. (Navy):

In all 48 cadets were enrolled for the year 1993-94.

The NCC 'Promise Parade' and 'Anti-Dowry Oath' were conducted on the 15th Aug. 1993 on the occasion of the Independence Day Celebration and Flag Hoisting Ceremony. Shri Chandrakant Keni a renowned journalist and a Freedom Fighter of Goa was the Chief Guest on the occasion.

The NCC Tree Plantation Day was also inaugurated on the same day, in which nearly 100 saplings of different varieties were planted around the college campus by NCC cadets and guests.

The NCC Cadets took keen interest in celebrating the Sadbhavana Diwas on 20th Aug. 1993 and later the National **Integration** Week by organising several programmes which included in Inter Faith Prayer session and arrangement of Guest lectures on Communal Harmony. Combind Annual Training Camp was held during Oct. '93 **Lt.** Cdr. G. G. Kondli along with 14 cadets attended the camp.

National Association for the Blind- our cadets lent their helping hand by collecting Rs. 2081/- for the cause of Blinds.

From 1 Goa Naval Unit NCC, PO/CADET Shaik Irfhan had the distinction of getting selected to be part of the All India Contingent for the Guard of Honour to be presented **to the** visiting VIPs at the Republic Day Camp.

In all 6 Cadets passed 'B' Certificate Examination (98% result) held during 1992-93 and we got 100%

result at the 'C' certificate examination.

N.C.C. (Army Wing):

Tree Plantation: Our cadets have done it by planting a tree each in and around the college complex.

Blind Welfare Society: Our NCC cadets have collected more than Rs. 3,000/- towards Blind Welfare Society of Bangalore and shared the responsibility of helping the handicapped people.

Relief for Earthquake victims: The cadets have joined the fund raising drive for the benefit of earthquake victims of Latur and Killari. Two of our cadets have joined rehabilitation programme for the people of Usmanabad district in Maharashtra state.

Basic leadership camp - Seven cadets have been selected from our college to participate in the BLC Camp at Belgaum.

BLC CAMP AT DELHI: CPL Gajanan Damaji was awarded 'Best Firer of the Year' title during annual training camp at Mapusa for his performance throughout the year.

Para - Sailing Camp: Five of our cadets have attended para-sailing camp in the specialised Training Camp category - once again our college participation was highest among other colleges in Goa. CUO Shanker Kamat, GST Allister Pereira, SOT Sunil Kumar Karunakaran, LCPC Basavraj H.M. and CPL Vasudavan Vasawan are those few lucky cadets who joined the above mentioned camp.

S' CERTIFICATE EXAMINATION:

Thirteen cadets have passed 'B' Certificates examination out of fifteen who appeared.

All India Traking Camp:

Eight cadets have attended the All India Trekking Camp at Fatorda. They were also selected for the quarter Guard duty.

ARMY ATTACHMENT CAMP:

Four cadets have attended the Army Attachment Camp at Bangalore, they are CPL Kenath Jacob, LCPL - Kalpesh Sangoni and LCPL Suryakant Singh.

Sports: Our Badminton boys won the Inter-collegiate Badminton tournament organised by Goa University held at the Indoor Stadium, Campal.

Our Body Builder Mr. Vishwas Guarav was awarded 'Goa Shree' at the Inter-Collegiate Body Building Championship held at Indoor Stadium Campal, Panaji on 17.8.93.

Our Judokars brought glory by winning the trophy at the Inter-Collegiate Judo Championship held at Fatorda, organised by Goa University. Mr. Deepak Natardekar was adjudged as the Best Judokar.

Runners-up Trophy - Our college won the Runners up trophies in many tournaments to mention a few - Inter-Collegiate 5 km Cross country running race organised by Goa University in the University campus on 12.8.93.

Inter-Collegiate Basket Ball Tournament organised by Goa University at Miramar, Youth Hostel.

Handball (Men & Women) team at the inter-Collegiate Handball Tournament organised by Goa University from 21st to 23rd Dec. '93.

Inter-Collegiate Cycling Team Championship organised by Goa University on 16.12.93.

Inter-Collegiate Womens Hockey tournament organised by Goa University on 5th & 6th Jan. 1994.

Mr. Edwinson Pinto won the Gold Medal in Decathlon. Mr. Faraday Quadros won 2 gold and one silver medal. Mr. Joel Cardozo won 2 silver medals.

Our kho kho boys team won the Championship at the Inter-Collegiate kho kho tournament organised by Goa University held at the University ground.

Cultural Activities:

Round the year various cultural activities are organised.

The Inter-collegiate competitions include the prestigious U.N. Bene Quiz competition, Late V N Kamat Inter-Collegiate Magazine contests and the Satpute Memorial Poets Meet.

Our Door Achievements:

All Goa Inter Collegiate skit competition on the theme 'Consumer Awareness' organised by Carmel College - Our students staged a play and won the first prize.

Street play competition organised by Samatha Andolan. Jose Fernandes wrote a script on Secularism A Threat. With a cast of 15 students the group enacted the play in the Municipal square Panjim, where competition was held.

Adjudged as Best Play, the performance was repeated at Samajik Parishad in the Kala Academy Theatre.

N.S.S.

This year 460 students joined NSS.

Project undertaken - Hospital work, each one teach one, educating weaker children, blood donation, etc.

The NSS volunteer raised on the spot more than Rs. 4000/- to help Latur earthquake victims.

There were two camps during the year:

One at Neturlim with about 130 participants, and the work was extension of assembly ground and preparing a volleyball ground and kabaddi ground.

The second camp was at Sneh Mandir, Nageshi. Erection of poles for barbed wire fencing and extension of grounds was undertaken by NSS volunteers.

Statistical details regarding the teaching programme and students:

Sr. No. of study	Branch	Degree to be awarded	Duration of degree course	No. of Students in 1993-94		
				1st yr.	2nd yr.	3rd yr.
1	Commerce	B.Com.	3 yrs			
			Boys	160	134	180
			Girls	151	167	151
			Total	311	301	331

Results of the College percentage-wise:

	No. of students appeared	No. of students passed
(1st half of 1993-April 1993)		
B.Conn. Boys	231	60
Girls	183	75
Total	414	135
(2nd Half of 1993 - Oct. 1993)		
B.Com. Boys	154	30
Girls	91	28
Total	245	58
(1st Half of 1994- April 1994)		
B.Com. Boys	244	58
Girls	194	61
Total	438	119

Information about campus development, construction of new buildings, opening of new subjects, course programmes:

Principal D. V. Borkar attended 3 week orientation course for Principals on Planning and Managing Institutions organised by NIEPA, New Delhi. The Principal was also nominated on the Board of Evaluation.

Miss Prisca Braganza passed the M.Phil. Part I examination and the UGC **NET** examination.

Prof G. M. Prabhudessai, Prof. G. G. Kondli, Prof.

Lydia Menon, Prof. Mrs. Prita Mallya and Miss Meera Shinde attended the workshop for Economics Teachers organised by Chowgule College.

Prof. Nirmala Gopinathan along with a student Priti Phene attended the Training Programme for Women Leaders defending Consumer Rights organised by I MTR.

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 [B.Com.](#) degree. The College is run by the Dnyanprasarak Mandel. Prof. Gopal Govind Mayekar is the Principal of the College.

Teaching and Research Staff:

1. Mayekar G.G., M.A.
Principal
2. Diwan S.A., M.Sc.
Lecturer
3. D'Souza X.P., M.A.
Lecturer
4. Sontakki C.N., [M.Com.](#), Ph.D.
Lecturer
- 5: Jacob Varkey, M.A., **LL.B.**
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. Path I S.D., [M.Com.](#)
Lecturer
15. Patil M.R., [M.Com.](#), LL.B.
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., B.Sc., M.C.A.
Lecturer
20. Palha Shirlene, M.A.
Lecturer
21. Valles Ingrid T., M.A.
Lecturer
22. Nair Shaila P., B.Sc., M.C.A.
Lecturer
23. Naik Sangita M., B.Sc., M.C.A.
Lecturer
24. D'Souza Henrique, M.A.
Lecturer
25. Pawar P.P., [B.Com.](#), C.A.
Lecturer
26. Joshi D.V., [B.Com.](#), C.A.
Lecturer
27. Vaze S.M., [B.Com.](#) C.A.
Lecturer
28. Kamat S.J., [B.Com.](#), C.A.
Lecturer
29. Dhavjekar G.T., B.Sc., LL.B.
Lecturer
30. Souza S., M.A., LL.B.
Lecturer
31. D'Souza Domitel, M.A.
Lecturer
32. Kulkarni P.P., M.A., B.Lib.
Librarian
33. Nesarkar B.A., M.A., B.P.Ed.
Physical Director
34. Dias Melvin, [B.Com.](#), M.P.Ed.
Physical Director

Library:

Total No. of books 8620
Total No. of UGC Reference books 583
U.G.C. Book-bank677

PERIODICALS:

Academic 22 (2 UGC)
Non-Academic 8
Newspapers 10

DONATED BOOKS:

Ajagaonkar 2334
Coscar 222

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

N.C.C. (Boys Wing): The aim of NCC in general is to develop qualities of character, courage, comradeship, discipline, leadership and secular outlook.

Our NCC Unit, this year, completes 19 years under the able leadership of Coy Commander Major E.J. D'Lima.

This year CPL Surendra Salgaonkar was promoted to Cadet under officer, CPL Anant Chari to Cadet Sergeant Major and CPL Ajit Parsekar was promoted to Sergeant.

Following are some of the activities that were conducted during the year.

The Independence Day celebration with an impressive March-Past by the Cadets, when Principal G. Mayekar took the salute and gave away 'B' and 'C' certificates to the successful cadets.

The Combined Annual Training Camp was attended by 22 cadets which was held at St. Anthony's High School, Guirim. For the first time, after 10 years, the camp was held in tents and our cadets secured 2nd place for their marvellous kit and Tent Layout. Col. Yusuf Sheikh secured 2nd place in snap shooting and our drill squad was placed in the 3rd position.

The cadets went for a cycle Expedition on December 12th to Baga beach. Company Under Officer Surendra Salgaonkar commanded the platoon on Liberation Day at the Republic Day Parade at Mapusa. CSM Anant Chari and CPL Jagannath Agarwadekar attended the Army Attachment Camp held at EME Centre, Andhra Pradesh in June '93. CPL Sontosh Gawas, CPL Yusuf Sheikh and cadet Anand Naik attended Summer Training Camp held at Dharwad University in June '93.

CPL Wolfango Fernandes attended Army Attachment Camp held at MEG Centre, Bangalore in July '93.

CPL Yusuf Sheikh and cadet Vikram Gaonkar attended the Goa Treck in Nov., '93.

L/CPL Godfrey Pinto successfully attended the Republic Day Camp at Delhi in January '94. CPL Ramkrishna Mandrekar and L/CPL NitinVengurlekar attended the National Integration Camp in Jan., '94.

Various competition, activities like drill, Football and Cricket matches were held during the year in which the cadets participated whole heartedly. The Cadets also collected funds for the Blind and handed the amount to 1 Goa Battalion, NCC.

A valedictory function was held on 16th Jan., '94 when Prof. Surendra Sirsat gave away the prizes to the NCC Boys and Girls.

The Best NCC Cadet for the year was cadet under officer Surendra Salgaonkar. He was awarded the Rolling Shield as well as the prize by the College.

N.C.C. (Girls Wing): The NCC Unit completed totally 8 years since its inception in 1986 and 2 years under the able leadership of 2/Lt.Ms. Ingrid Valles.

This year the total strength was 60 out of which the most capable were selected for promotion. The Senior Cadet Under Officer for the year was Maria Fernandes. The cadet under Officer was Namita Salkar; CSM was Rashmirekha Arlekar and RSM Hycintha D'Costa. The cadets were divided into 4 groups namely Alpha, Bravo, Charlie and Delta.

CDT Fran D'Souza and CDT Mary Jackline Mendes were selected for the All India Trekking Camp held at Ooty in May '93.

A batch of 10 cadets were selected for the National Integration Camp in May '93. So also 3 of our cadets were selected to attend the Specialised Camp at SAMBRA Belgaum in the month of August, 1993.

To commemorate the Independence Day a function was held in the college.

CSUO Maria Castellino commanded the full parade consisting of 60 girls cadets and 40 boy cadets. A rank declaration ceremony was also held.

A blood donation drive had been held at St. Xavier's College when 7 of our cadets and 2/Lt. Ingrid Valles donated blood.

After the first terminal examination in October '93 the officer and cadets went on a memorable trek from Anjuna to Shapora.

In November, 30 of our company attended the

specialised annual training camp at Fatorda, Margao. The cadets won many prizes and once again brought glory and name to our institution. Out of these, 5 of the cadets were selected for the specialised Republic Day Training Camps to be held in 1994.

December saw a spate of activities. The cadets enjoyed themselves throughly at the picnic held at Siquerim. The pre-christmas visit to the old Aged home at Assagao brought joy to the inmates who were entertained by the cadets and gifted eatable.

Goa's Liberation Day parade on the 19th at Hutatma Chowk was commanded by L/CPL Mary Jackline Mendes. 25 other cadets were also selected to participate in the parade. On 26th January a grand Republic Day Parade was held at the Campal grounds, Panaji. 20 of our cadets were selected to participate in the Flag hoisting ceremony.

The cadets also received training in drill, first aid and home nursing, signals, self defence and map reading. A farewell party for the 3rd year cadets was organised by the 1st and 2nd year cadets which also consisted of a prize distribution function. The deserving cadets received these prizes at the hands of the Chief Guest Shri Surendra Sirsat (MLA).

Miss Maria Castellino was awarded the Best NCC cadet Award for the Academic Year 1993-94.

N.S.S.: The NSS Wing of our College conducted various activities throughout the year, both the regular and special camps with great enthusiasm under the guidance of Programme Officer, Prof. R .D. Arsekar.

The activities conducted under the regular Camping were as follows:

a) Construction Projects: Several construction projects were undertaken at various places viz.

1. Construction project at Chichalim-Colvale. Repairs of roads at Chikalim, Colvale wherein 80 students participated. Besides constructing a Bus Stop at the request of the Villagers for which the Village Gram-Panchayat supplied the materials.

2. Repair work at Dhargal-Pernem. Road repair and cleaning of the temple campus was undertaken by a group of 100 students.

3. Road repair and clearing Canca. A road was repaired at Canca besides the campus of the temple was cleared and cleaned.

4. Road repairs were also carried out at Assagao Village.

- b) Tree Plantation Programme: A tree plantation programme was undertaken at Assagao and about 300 samplings were planted. About 150 students were involved in digging pits, fencing and planting trees.
- c) Collection of Fund: A fund of Rs. 3,000/- was collected by NSS Volunteers for the Cancer Society.
- d) Home for the aged - A batch of 10 girls visit regularly the Home for the Aged at Mapusa.
- e) OPD Project: A batch of 10 students regularly visit the OPD of Asilo Hospital, Mapusa and render their service to patients and Hospital staff.

SPECIAL CAMPING ACTIVITIES: The Special Camp was held at Pirna, Bardez Goa from 22nd December 1993 to 31st December, 1993 and was attended by 61 male and 32 female students. Various projects were undertaken during the camp. viz.

- a) Construction of a New Road: A new road measuring 1.6 km was constructed which was badly needed by the Villagers. The value of the road constructed is estimated to be Rs. 85,000/- to Rs. 1,00,000/-.
- b) Repair of Dam: A dam was repaired to prevent the rush of water into the fields. The material was supplied by the village panchayat.
- c) An approach road leading to the crematorium was constructed of about 1/2 km in length.
- d) Several competitions were conducted for the benefit of village children and prizes were given away to the winners.

A valedictory function was held on 30th December. Labour and Rural Development Minister, Mr. Ashok Salgaonkar was the Chief Guest. He inspected the projects and appreciated the work carried out by NSS Volunteers. He also gave away the prizes to the winners of different competition. A cultural programme was presented by the students and villagers which was attended by the local people. Best NSS Volunteer (Boy) award for the year 1993-94 is awarded to Shri Sohan Naik of T.Y.B.Com. and the Best NSS Volunteer (Girl) award for the year 1993-94 is awarded to Miss Kalpana Patil of T.Y.B.Com.

Sports: Bandekar has always made its impact in the avenue of sports, emerging the Champion of Champions, this year being no exception. In the Inter-Collegiate Tournaments organised by the Goa University during 1993-94, our college excelled in vari-

ous events.

Highlights:

1. Kabaddi Tournament (Women) - winners for the year 1993-94 under the captainship of Miss Padmini Bhat.
2. Volleyball tournament (Women) - winners for the year 1993-94 under the captainship of Miss Merciana Fernandes.
3. Inter-Collegiate Cricket Tournament (Men) - winners at the Cricket Tournament organised by Goa University.
4. Late V.M. Salgaonkar Cricket Trophy - winners of the Tournament organised by Goa Cricket Association (GCA).
5. Inter-Collegiate Cross Country Competition winners of Silver Medal. Most of the above events were captained by our sportsman par excellence. Mr Paresh Misquin.
6. Weight Lifting and Body Building Championships Mr. Kushaji Chodankar and Mr. Sudhir Bhosle won the Gold Medal at these championships.
7. Weight Lifting, Power Lifting and Body Building Championship. Mr. Alleluia Braganza made a name for himself by participating in all the three categories and being declared winner in all three.
8. Inter-Collegiate Judo Championship - **Mr. Sandeep Hazare** won a Silver Medal in this Championship.
9. All Goa Athletics Championship - Mr. Anil Pednekar put Bandekar on the pedestal by winning the Gold Medal and emerging the Individual Champion in 800, 1500, 5000 and 10,000 meters respectively.

Our College also had the honour of winning the Inter-Collegiate Men's Team Championship and March Past Trophy for the third year in succession at the same event.

University Representations:

Football (Men): The following Footballers of our college represented Goa University at the All India West Zone Football Championships held at Chandigarh and Punjab.

- 1) Luis Fernandes .
- 2) Paresh Misquin
- 3) Lourenco Braganza
- 4) Jerry Muclar
- 5) Seby Mendes
- 6) Gajanan Kannble

Football (Women): The following talented women footballers were selected to represent Goa University at the All India Inter University Football Championships held at Fatorda, Margao.

1. Sharon Lobo
2. Angela D'Souza
3. Genevive D'Souza

Cricket (Men):

- a) Mr. Praveen Barde and Mr. Shekar Malvankar were selected to play for the Goa Colts Team against England.
- b) Mr. Barde also captained the Goa Cricket Team which won the Gulam Ali Cricket Trophy held at Goa, Madras, Bangalore and Hyderabad.
- c) West Zone Inter University Cricket Tournament: Mr. Rajesh Naik represented Goa University in this tournament which was held at Rajasthan besides playing in the Chinaswamy and Ranji Trophy Match held at Goa, Bangalore and Madras.

Mr. Harishchandra Gaonkar represented Goa for the Patta B. Raman Trophy held at Madras, Goa and Kerala.

College Sports Award Winners:

Best Sportsman of the year: Mr. Alleluia Braganza, Best Sports of the year: Miss Sunita Bhaidkar, All round Sportsman of the year: Mr. Paresh Misquin, All round Sports Woman of the year: Miss Padmini Bhat.

Statistical details regarding the teaching programme and students:

Sr. No. of study	Branch	Degree to be awarded	Duration of degree course	No. of Students in 1993-94		
				1st yr.	2nd yr.	3rd yr.
1.	Commerce	B.Com.	3 years			
				Boys	237	268
				Girls	153	208
				Total	390	476

Results of the College percentage-wise:

APRIL, 1993:

Subjects	App.	Pass	Percentage
Fin. Accts. & Auditing I	231	105	45.45%
Fin. Accts. & Auditing II	238	112	47.05%

Fin. Accts. & Auditing III	236	199	84.32%
Bus. Mang I	80	37	46.25%
Bus. Mang 11	83	36	43.37%
Bus. Mang III	81	62	76.54%
Cost. Acct. I	69	28	40.57%
Cost. Acct. II	69	66	95.65%
Cost. Acct. III	70	60	85.71%
I. O. M.	381	170	44.61%
G.P.I.	218	186	85.32%
Economic system	127	89	70.07%
Computer System	171	167	97.66%
Marathi Literature	39	37	94.87%
Advertising	216	91	42.12%

OCTOBER, 1993

Subjects	App.	Pass	Percentage
Repeater with all subjects	43	8	
Fresh	2		
Improvement	2		

Repeater with all exemptions

	300	89	
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APRIL, 1994:

Subjects	App.	Pass	Percentage
Fin. Accts. & Auditing I	247	135	53%
Fin. Accts. & Auditing II	251	124	49%
Fin. Accts. & Auditing III	251	134	53%
Bus. Mang I	126	81	64%
Bus. Mang 11	121	73	62%
Bus. Mang III	118	57	47%
Cost. Acct. I	83	62	75%
Cost. Acct. II	82	38	46%
Cost. Acct. III	80	47	59%
G.P.I.	256	229	88%
Economic system	161	94	58%
Marathi Literature	33	27	81%
Rural Banking	71	55	78%
Computer System	391	373	94%
I. O. M.	446	154	34%

Information about campus development, construction of new buildings, opening of new subjects, course programmes:

The year 1993-94 was significant as we marched ahead with the new projects like opening of Accredited

Study Centre for Diploma in Business Finance of Institute of Chartered Financial Analysis of India, Hyderabad, and establishing of our own Computer Laboratory for T.Y.B.Com. students offering subject of Computer System. The formation of the Ex-Students' Association was also a landmark in the history of this institution, as it was for the first time our past students in overwhelming number promoted the idea.

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. Shri Pravin M. Bhende, [M.Com.](#), LL.B.
Vice-Principal
3. Mrs. Gulab A. Borkar, M.A.
Lecturer
4. Mrs. Sheila S. Pereira, M.A., M.Phil.
Lecturer
5. Shri Sanjay L. Singbal, [B.Com.](#), A.C.A.
Lecturer
6. Shri Chantrakant N. Phadte, M.Sc., M.Phil.
Lecturer
7. Shri Gurudev S. Badiger, M.A.
Lecturer
8. Shri Makarand M. Chikodkar, M.A.
Lecturer
9. Shri Prabhuling G. Dandin, [M.Com.](#)
Lecturer
10. Shri Ganesh V. Khandeparkar, **B.A., LL.B.**
Lecturer
11. Mrs. Ana Falleiro, M.Sc., M.Phil.
Lecturer
12. Shri Raghupati G. Bhat, M.A., M.Phil.
Lecturer
13. Shri Suhas B. Desai, [B.Com.](#), A.C.A., **LL.B.**
Lecturer
14. Shri Shridhar P. Bhat, [B.Com.](#), **A.C.A., LL.B.**

Lecturer

15. Shri Pradip N. Maske, B.Sc., M.A.
Lecturer
16. Ms. Meera V. Naik, [M.Com.](#)
Lecturer
17. Ms. Smita G. Hede, [M.Com.](#)
Lecturer
18. Ms. Nandini Kirtani, M.Sc.
Lecturer
19. Mrs. Betty D'Silva, [B.Com.](#), **M.P.Ed.**
Director of Physical Education

Library:

Total number of Text books - 1507
Total number of Reference books - 2628
Periodicals - 13
Academic Journals - 19

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

1. Mrs. G.A. Borkar, Lecturer in Economics and Mrs. Sheila Pereira, Lecturer in English, attended two days seminar on "Canada and India: A comparative perspective" organised by Academic Staff College, Goa University in January, 1993.
2. Shri C.N. Phadte, Lecturer in Mathematics and Shri M.M. Chikodkar, Lecturer in Economics, participated in the Faculty development programme held at Hyderabad in May, 1993 organised by the Institute of Chartered Financial Analysts of India for one week. The College has been recognised as an institute to run D.F.M. and other courses.
3. Miss Meera V. Naik, Lecturer in Commerce, participated in the Seminar "Swami Vivekanand - His life and work" organised by C.E.S. College of Arts & Commerce, Cuncolim, on **11th and 12th Sept.**, 1993.
4. **Mrs. G.A. Borkar, Lecturer** in Economics, along with Miss Anita Ghorpade, N.S.S. student leader, participated in three day workshop on "Training Women Leaders Defending Consumer Rights" organised by Society of Civil Rights, New Delhi, in co-ordination with Institute of Management, Training and Research, Margao, on **4th, 5th & 6th Sept., 1993.**
5. **Mrs. G.A. Borkar** also attended workshop on "Environmental Awareness and Information Dissemina-

tion" at New Delhi organised by Society for Civic Rights from 18th to 20th December, 1993.

6. Shri Pradip N. Maske, Lecturer in Politics, attended one day workshop on "Governmental and Electoral Reforms" on 19th Nov., 1993 organised by Dept. of Political Science, Goa University.
7. Mrs. G.A. Borkar and Shri C.N. Phadte attended Orientation programme in September, 1993 organised by Academic Staff College, Goa University.
8. Shri G.S. Badiger, Lecturer in Geography and Miss Meera Naik, Lecturer in Commerce, participated in two days Orientation course for senior teachers organised by Academic Staff College, Goa University on "Educational Methods of Teaching" from 31st January, 1993 to 1st February, 1994.
9. Shri R.G. Bhatt, Lecturer in English, participated in the seminar on "History of Journalism in Goa" organised by Govt. College, Quepem, on 9th April, 1994 and presented a paper on "Pre-Liberation Marathi Press and Vidyaprasan, A critical Study".
10. Miss Smita G. Hede, Lecturer in Commerce, attended Orientation course from 20-5-1994 to 16-6-1994 at Academic Staff College, Goa University.

Academic Achievements: Mrs. Sheila S. Pereira, Lecturer in English, was awarded M.Phil. degree in English by Goa University in June, 1993.

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

Sports: As usual the students have participated in various Inter-Collegiate tournaments organised by Goa University i.e. Table Tennis, Badminton, Volley-ball, Football, Kabaddi, Cross-Country, Kho-Kho, Judo, etc. till now and have displayed good performance. The Kabaddi team secured the Runners-Up place in Kabaddi tournament.

1. Shri Pratap V. Adconkar of S.Y.B.Com. class secured 2nd place in Judo for Goa University Inter-Collegiate Judo tournament and 3rd place in Judo in State meet, during this year 1993-94.
2. Shri Dias Edwin Menino of S.Y.B.Com. secured 3rd place in Goa University Inter-Collegiate Power lifting tournament.
3. Miss Lizette Vaz secured 2nd place in Javelin Throw, Shri Pravin Gaonkar secured 3rd place in 800 mtrs. run and Shri Prabhudessai Vishwas secured 2nd place in Shot-Put, for Inter-Collegiate athletic meet of Goa University.

N.S.S.: This year we have enrolled 267 volunteers under

the N.S.S. unit. Inaugural function of N.S.S. unit was held on 23-8-1993 and Shri Kalanand Mani of Peaceful Society, Madkai, inaugurated the activities. Five of our volunteers attended camp at Y.S. Parmar University, Solan, Himachal Pradesh. 25 volunteers attended AIDS awareness programme organised by Goa University at Panjim.

As a part of Communal Harmony Fortnight N.S.S. unit organised a "Slogan Competition", "Poster Competition" and "Prabhat Pheri" in Ponda for the volunteers of our College.

A programme on AIDS Awareness was organised in the College on 23rd November, 1993. A video film and a lecture on AIDS was delivered to the students by positive people, Panaji.

Annual N.S.S. Camp was held from 24/12/1993 to 2/1/1994 at Peaceful Society, Dhaknewada, Madkai. 95 volunteers including three programme officers attended the camp.

Hon'ble Ex-Chief Minister and M.L.A. Shri Ravi S. Naik, inaugurated the camp and Shri B.K. Khandeparkar, Chairman, Working Committee, Goa Vidyaprasarak Mandal, presided over the function.

Projects like construction and levelling of roads at Karanjale of about 500 mtrs. survey of water resources of Madkai village, cleaning and levelling of ground, cleaning of Pond and erection of electric poles at Peaceful Society Campus were undertaken.

Apart from field work, lectures and discussion session in the afternoon were held. Dr. Sanjay Sukhthankar gave a talk on Dental care, Dr. Sitakant Ghanekar delivered a talk on Yoga, Dr. Avdoot Borkar gave idea about Nutrition, Shri Vishram Gaunker gave idea about kitchen gardening and Shri Tripathi gave lecture on Wormiculture. All the volunteers took active part in the discussion.

Valedictory function of the camp was held on 2nd January, 1994. Dr. Arun Heblekar, Registrar, Goa University was the Chief Guest, Shri B.K. Khandeparkar presided over the function. Dr. Heblekar appreciated the work done by our volunteers and distributed the prizes to the best volunteers.

Cultural Activities/Achievements: The College Cultural Association has organised the following programmes during the year 1993-94.

1. Singing Competition in English, Hindi, Marathi &

Konkani on 8th September, 1993.

2. Seventh All Goa Inter-Collegiate Elocution competition for late Shri Tukaram Ramchandra Prabhu Memorial Trophy was organised on 10th Sept., 1993.
3. On the occasion of "World Brotherhood Day" a Poster competition was organised on 11th Sept., 1993.
4. A lecture on Swami Vivekanand by "Swami Dnyanrupanand", In-Charge of Ramkrishna Math, Pune, was held on 14th Sept., 1993 as a part of Vishwabandhutwa Day.
5. Under the auspices of SPIC-MACAY a lecture cum demonstration was held on 30th Sept., 1993 in our college. Shri Vijay Raghav Rao, noted composer & well-known national and inter-national performer gave lecture-demonstration performance with Shri Sadanand Nayampalli on Tabla and Shri Bhosale on harmonium.
6. Fancy-Dress cum Monologue competition was organised on 16th December, 1993.
7. Rangoli & Flower Decoration competition was organised on 21st December, 1993 and also Poetry competition was organised on the same day.
8. Poetry competition was organised on 9th January '94.
9. Inter-Collegiate Youth Festival "Gomantakiyam" was organised on behalf of Goa University on 24th & 25th January, 1994.

Achievements:

1. Shri Nilesh Naik and Party won the 2nd prize in the open group of All Goa Group Singing Competition organised by Bandora Youth Club.
2. Miss Sushana M. Mahambre and Shri Sarvesh R. Kapdi won the Runners-up Trophy in the All Goa Inter-Collegiate Debating competition organised by Govt. College of Arts, Science and Commerce, Sanquelim.
3. Shri Ratish Pawar secured first prize in the Poster competition organised by Inner Wheel Club of Ponda on "Polio Eradication".
4. The college won the first prize (Rolling Trophy) for the team entry sent by the student for the Green Ray Foundation Competition for the best documented work on Environment. Miss Nayana Shetty, Miss Gauri Kamat, Miss Mamata Shrivastava, Miss Meghana Panandikar of F.Y.B.Com. class and Shri Samir Talawalkar of S.Y.B.Com. class participated in the team.
5. Our Konkani Drama bagged 1st prize in One Act

Play Competition organised by Kala Academy. The drama troupe also bagged following additional prizes in the competition;

1. Best Acting (Male) - Mast. Eknath Naik
2. Best Acting (Female) - Miss Shanti Prabhu
3. Best Director - Prof. Miss Smita Hede
4. Best Lighting - Mast. Nilesh Naik
5. Best background music - Mast. Gurudas Naik.
6. Shri Sarvesh Kapdi of F.Y.B.Com. secured 1st prize and Miss Vishakha Kulkarni of F.Y.B.Com. secured consolation prize in Inter-Collegiate Marathi drama reading competition by Shri Saraswati Sanskrutik Mandal, Veling.
7. Shri Ratish Pawar of T.Y.B.Com. and Shri Sunil Desai of S.Y.B.Com. secured 3rd prize (cash prize of Rs. 75/- each) in **Inter-Collegiate Poster Competition** organised by Nirmala Institute of Education, Panaji.
8. Shri Laxman Joshi of T.Y.B.Com. and Shri Arjun Naik of T.Y.B.Com. secured 2nd prize in Indian Classical Instrument Solo and Rangoli competition respectively for Inter-Collegiate Youth Festival of Goa University.

Educational & Extension Work:

1. The Commerce Association of the College, this year invited Mr. A.B. Pan kar, Dy. General Manager, Economic Development Corporation, to inaugurate the activities and delivered a talk on the topic "Role of E.D.C. in Industrial Development of Goa".

Mr. K.S. Rao, a popular speaker in many Forums and Seminars in Goa, delivered a talk on the topic "Personality Development".

Mr. R.V. Sarjyotishi, Former Dy. Manager, H.R.D., Indian Oil Corporation Ltd., Bombay, spoke on "Career Development" in an informal interaction with the students.

2. The activities of College Students' Council were inaugurated by Shri G.V. Kamat, Registrar of Goa University.

Students' Council had organised Fun Week with great enthusiasm. College Bazar Day and Annual Social Gathering, both annual activities were organised by Students' Council.

3. Under the **programme "Editor-a-month" Shri Chandrakant Keni, Editor of Rashtramat' gave a talk to the students which was followed by a Question-Answer session.**

Statistical details regarding the teaching programme and students:

Sr. Branch No. of study yr.	Degree to be awarded	Duration of degree course	No. of Students in 1993-94		
			1st yr.	2nd yr.	3rd yr.
1 Commerce	B.Com.	3 yrs			
		Boys	165	166	111
		Girls	126	130	084
		Total	291	296	195

Results of the College percentage-wise

April, 1993	62.58%
October, 1993	36.36%
April, 1994	30.56%

**A-10 PONDA EDUCATION SOCIETY'S
COLLEGE OF ARTS & SCIENCE,
PONDA-GOIA.**

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 was the principal of the College upto 30.11.1993 and Dr. A.S. Dinge is the Ag. Principal from 1.12.1994 onwards.

Teaching and Research Staff:

1. Dr. A.S. Dinge, B.Sc., M.Sc., Ph.D.
Ag.Principal
2. Mr. B.V. Apte, B.A., M.A., D.H.E.
Lecturer
3. Mr A.V. Bhandiwad, B.A., M.A.
Lecturer
4. Mr. M.V. Dixit, B.Sc., M.Sc., **D.H.E.**
Lecturer
5. Ms. K.N. Desai, B.Sc., M.Sc.
Lecturer
6. Dr. A.V. Deshpande, B.Sc., M.Sc., Ph.D.
Lecturer
7. Mr. S.D. Gokakakar, B.Sc., M.Sc.
Lecturer
8. Dr. P.R. Hede, B.A., M.A., B.Ed., Ph.D.
Lecturer
9. Mr. S.S. Hinde, B.Sc., M.Sc.
Lecturer
10. Ms. S.V. Kamat, B.Sc., M.Sc.
Lecturer
11. Ms. V.V. Kamat, B.A., **M.A.**
Lecturer
12. Mr. G.V.S. Kundaikar, B.Sc., M.Sc., M.Phil.
Lecturer
13. Mr. M.N. Kulkarni, B.Sc., M.Sc.
Lecturer
14. Mr. S.H.P. Keluskar, B.Sc., M.Sc., M.Phil.
Lecturer
15. Ms. K.R. Kunkolienkar, B.A., M.A., Ph.D.
Lecturer
16. Mr. B.L. Malik, B.Sc., M.Sc.
Lecturer
17. Ms. Susan Marcos, B.Sc., M.Sc.
Lecturer
18. Ms. V.V. Prabhudesai, B.A., M.A., M.Phil.
Lecturer
19. Ms. S. Ramaswamy, B.A., M.A.
Lecturer
20. Mr. R.G. Shetkar, B.Sc., M.Sc., B.Ed.
Lecturer
21. Ms. V.S. Samant, B.A., M.A.
Lecturer
22. Mr. V.D. Vaze, B.Sc., M.Sc.
Lecturer
23. Dr. P. Bhattacharya, B.Sc., M.Sc., Ph.D.
Lecturer
24. S.H. Bhosale, B.Sc., M.Sc., Ph.D.
Lecturer
25. Ms. S.R. Borkar, B.Sc., M.Sc.
Lecturer
26. Shri J.G.R. Monteiro, B.A., M.A.
Lecturer
27. Ms. M.V. Rane, B.Sc., M.Sc.
Lecturer
28. Mr. B.V. Bhave, B.Sc., **M.A.**
Lecturer
29. Ms. A.M. Rao, B.A., M.A.
Lecturer
30. Mr. Badruddin, B.A., M.A., M.Phil.
Lecturer
31. Mr. G.P.P. Khanolkar, B.Sc., M.Sc.
Lecturer
32. Ms. C.F.E. Fernandes, B.Sc., M.Sc.
Lecturer

33. Mr. V.J. Pissurlekar, B.Sc., M.Sc.
Lecturer
34. Ms. M.M. Kelkar Barve, B.Sc., M.Sc.
Lecturer
35. Ms. Flavia Noronha, B.A., M.A.
Lecturer
36. Mr. B.G. Kanolkar, B.A., M.A., B.Ed., D.Ed.
Lecturer
37. Ms. S.G. Kavlekar, B.Sc., M.Sc.
Lecturer
38. Mr. D.M. Desai, B.A., B.P.Ed., M.A., M.P.Ed.
Physical Education Director
39. Mr. R.R. Mardolkar, B.A., M.A.
Lecturer
40. Ms. M.F. Alburqueque, B.Sc., M.Sc.
Lecturer
41. Dr. (Ms.) Anita Tilve Manekar, B.Sc., M.Sc., Ph.D.
Lecturer
42. Dr. (Ms.) Usha Yadav, B.Sc., M.Sc., Ph.D.
Lecturer
43. Ms. Deepa C. Fernandes, B.Sc., M.Sc.
Lecturer
44. Ms. Teja V. Nayak, B.Sc., M.Sc.
Lecturer
45. Ms. Ranjita P. Prabhu Gaonkar, B.Sc., M.Sc.
Lecturer
46. Mr. Sachin Desai, B.Sc., M.Sc.
Lecturer
47. Ms. Pamela D'Mello, B.A., M.A.
Lecturer
48. Ms. Trupti Prabhu Ajgaonkar, B.A., M.A.
Lecturer
1. Ms. Neeta Pereira, B.Sc., M.Sc.
Lecturer

Library:

- Total No. of books -5614
- Total No. of Text books - 1630
- Total No. of Ref. books -2158
- Total No. of General books - 1826
- Total No. of academic Journals - 27
- Total No. of Periodicals - 13

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

Annual Report -1993-94: Under the able and enthusiastic guidance of Prof. D.M. Desai, Director of Physical Education and Prof. G.V.S. Kundaikar, Chairman of Department of Physical Education, other members of the Committee started its activities in the first week of July, 1993.

To select various teams participating a various Inter-Collegiate tournaments like table-tennis, badminton, chess, judo, football, kabaddi, *kho-kho*, volleyball, cricket, swimming, athletic and get valuable experience and enriched their skills and talents.

Achievements in Inter-Collegiate:

Badminton (Men) - Reached semi-final for Inter-Collegiate tournament organised by Goa University.

Kabaddi (Men) - Reached semi-final for Inter-Collegiate tournament organised by Goa University.

Individual Achievements:

Mr. Gaude Ramdas B. - S.Y.B.A. selected for Goa State Kabaddi team to participate in the National tournaments.

The IX College 'Annual Athletic Meet' was organised on 17th Dec., 1993 in the College ground successfully.

- Mr. Prabhu Pradeep from T.Y.B.A. won gold medal in Jevellin Throw in Inter-Collegiate Athletic Meet organised by Goa University.
- Ms. Tilve Prashanti won silver medal in long jump for Inter-Collegiate Athletic meet organised by Goa University.

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 1993-94			
				1st yr.	2nd yr.	3rd yr.	Total
1	Arts	BA	3 yrs	Boys 77	66	56	199
				Girls 110	98	76	284
				Total 187	164	132	483
2	Science	B.Sc.	3 yrs	Boys 96	54	47	197
				Girls 69	54	52	175
				Total 165	108	99	372

**Results of the. College percentage-wise:
April, 1993**

T.Y.B.A.: College Result: 58.47%
Economics (3 units) 59.09%
Political Science (6 units) 93.75%
Philosophy (3 units) 52.38%
Political Science (3 units) 83.33%
History (3 units) 78.57%
Psychology (3 units) 33.33%
Marathi (3 units) 38.88%
Hindi (3 units) 78.57%
Marath (6 units) 60.00%
Konkani (3 units) 92.85%

T.Y.B.Sc.: College results: 73.91%
Physics (3 units) 100.00%
Physics (6 units) 62.50%
Chemistry (6 units) 71.05%
Zoology (6 units) 85.71%
Maths (3 units) 50.00%
Chemistry (3 units) 90.90%
Botany (6 units) 66.66%
Microbiology (3 units) 90.90%

October, 1993

T.Y.B.A.: College result: 60.52%
Marathi (3 units) 100.00%
Hindi (3 units) 50.00%
Economics (3 units) 25.00%
Philosophy (3 units) 50.00%
Marathi (6 units) 100.00%
Konkani (3 units) 100.00%
Political Sc. (3 units) 42.85%
Psychology (3 units) 33.33%

T.Y.B.Sc.: College result: 09.09%
Chemistry (6 units) 00.00%
Zoology (6 units) 00.00%
Physics (6 units) 50.00%

Maths (3 units) 00.00%

April, 1994,

T.Y.B.A.: College result: 61.48%
Economics (3 units) 70.58%
Political Sc. (3 units) 82.92%
History (3 units) 69.69%
Psychology (3 units) 53.84%
Marathi (6 units) 50.00%
Konkani (3 units) 77.77%
Political Sc. (6 units) 65.51%
Philosophy (3 units) 74.07%
Marathi (3 units) 72.22%
Hindi (3 units) 83.33%

T.Y.B.Sc.: College result: 77.77%
Chemistry (6 units) 79.59%
Physics (6 units) 68.75%
Botany (6 units) 92.85%
Microbiology (3 units) 77.77%
Chemistry (3 units) 100.00%
Physics (3 units) 80.00%
Zoology (6 units) 78.57%
Maths (3 units) 60.00%

**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 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 16 classrooms. It houses the staff rooms, the laboratories for Physics, Examination Cell, Draughtsman room and a drawing bay.

Hostel Facilities:

The cadets of B.Sc. (Special) Degree Course are required to stay inside the Naval Academy. They are provided with free accommodation and messing.

15. Lt. P. Goel, M.Sc. (Physics)
Member of the Physics Faculty

Teaching and Research Staff:

The academic subjects are taught by the officers of the Education branch of the Indian Navy. All the officers of academic wing possess Post-graduate degree in the respective academic subject with varying experience in teaching. Two of these officers are already undergoing M.Phil./M.E. courses at Goa University.

1. Cdr. L. Radhakrishnan, M.Sc.
(Maths); M.Sc.
(Defence Studies) Principal
2. Lt. Cdr. K.B. Mehta, M.Sc. (Physics)
Vice-Principal & Controller of Examinations
3. Lt. Cdr. P. Jayaprakash, M.Sc. (Chemistry)
Head of the Chemistry Faculty
4. Lt. Cdr. K.S. Venugopal, M.Sc. (Applied Maths.)
Registrar
5. Lt. A. Vikram, M.Sc. (Physics)
Head of the Physics Faculty
6. Lt. K.V. Mahadevan, M.Sc. (Physics)
Head of the Physics Faculty
7. Lt. G. Varughese, M.Sc. (Physics)
Member of the Physics Faculty
8. Lt. K. Mukherjee, M.C.A.
Member of the Physics Faculty
9. Lt. R. Giridharan, M.Tech. (Atmospheric Science
& Technology) Member of the
Physics Faculty
10. Lt. V.S. Kumar, M.Sc. (Operation Research)
Head of the Maths Faculty
11. Lt. K.M. Ajay, M.Sc. (Applied Maths
& Com-
puter Science) Member of the
Maths Faculty
12. Lt. Rajvir Singh, M.Sc. (Maths)
Member of the Maths Faculty
13. Lt. Simon Xavier, M.Sc. (Maths)
Member of the Maths Faculty
14. Lt. Ben H. Berson, B.E. (Mech.)
Member of the Physics Faculty

16. S.Lt. A.J. Muthuselvan, M.Sc. (Physics)
Member of the Physics Faculty
17. S.Lt. (Mrs.) Meenu, M.Sc. (Physics), B.Ed.
Member of the Physics Faculty
18. S.Lt. Lily S. George, B.E. (Electronics & Communications) Member of the
Physics Faculty
19. Shri K.F. Joy, B.Sc., **B.Ed.**
Demonstrator in Physics Laboratory

Library: .

A well stocked library is available for use by the cadets. Each cadet is issued with a set of standard text books for study. Adequate number of reference books, periodicals and journals of academic and general interest are available in the library. The total number of books and periodicals are as follows:-

SI. No.	Category	Quantity
1.	Text books	6918
2.	Reference books	4591
3.	Periodicals	46
4.	Academic Journals	55

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

Sports: The Naval Academy participated in the Inter-Collegiate Football, Cross Country, Basketball and Aquatics Championships conducted by the University for the year 1993-94.

Results of the Academy:

Results of the examinations conducted during the academic year 1992-93 are as follows:

Month	Passing out term	No. of students appeared	No. of students passed	Percentage of pass
May 93	46 NAC	35	35	100%
Nov 93	47 NAC	28	28	100%
May 94	48 NAC	39	39	100%

**A-12 CUNCOLIM EDUCATIONAL SOCIETY'S
COLLEGE OF ARTS & COMMERCE,
CUNCOLIM - GOA.**

The College is run by the Cuncolim Education Society. It was established in August, 1987. Shri Dinkar L. Naik is the Principal of the College. The College, however, does not provide any hostel facility.

Teaching and Research Staff:

1. Shri. Dinkar L. Naik, M.A.
Principal
2. Shri. Laximan G. Naik, [M.Com.](#) LL.B., B.Ed.
Lecturer
3. Smt. Maria 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., B.Ed.
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. Ms. Chatura R. Shirwaiker, M.A.
Lecturer
13. Shri. Remy Dias, M.A.
Lecturer
14. Shri. Prakash R. Morakar, M.A., M.Phil,
Lecturer
15. Ms. Sunetra P. Narvekar, M.A.
Lecturer
16. Shri. Argemiro Rodrigues, [M.Com.](#)
Lecturer
17. Ms. Sayed Rizwana P., M.A.
Lecturer

18. Shri. Ramlal S. Vernekar, M.P.Ed.
Director of Physical Education
19. Shri. Gaus Khan Usman Khan, B.A., B.Lib.Sc.
Librarian M.Lib. I.Sc.
20. Ms. Maria Fatima Monteiro, M.A.
Lecturer
21. Prof. R. B. Nair, [M.Com](#)
Lecturer

Library:

Total number of text books, reference books, periodicals, academic journals in the library as on 20.4.1994

Text Books	1232
Reference Books	804
Maps and Atlases	26
Academic Journals (Bound volumes)	92
Periodicals (Bound volumes)	22

**Information about Research Projects, Seminars/
Workshops:**

Following teachers are engaged in doing M.Phil./Ph.D.:

- i) Prof. Shri Laximan G. Naik is presently working on his M.Phil. Dissertation.
- ii) Prof. Shri Augusto J. Pinto will be submitting his M.Phil Dissertation shortly.
- iii) Prof. Smt. Savita S. Nadkarni has answered Part I M. Phil.
- iv) Prof. Smt. Sarala V. Katageri has registered for Ph. D.
- v) Prof. Ms. Maria Fatima Monteiro has cleared Part I M. Phil.

Following teachers attended the Refresher Course on National Service Scheme (Health and Life Style Education) held at the Tata Institute of Social Science, Bombay:

- i) Prof. Apoorva A. Marathe,
Lecturer in Economics.
- ii) Prof. Avinash V. Raikar,
Lecturer in Economics.
- iii) Prof. Remy Dias,
Lecturer in History.

- iv) Prof. Anand S. Dessai,
Lecturer in Mathematics.
- v) Prof. Teja N. Usgaonkar,
Lecturer in Political Science.

Following teachers attended the Orientation Course conducted by Goa University:

- i) Prof. Laximan G. Naik,
Lecturer in Commerce.
- ii) Prof. Augusto J. Pinto,
Lecturer in English

Prof. Anand S. Dessai, Lecturer in Mathematics attended the Orientation Course on National Service sponsored by the Department of Youth Affairs and Sports, Government of India, New Delhi.

The College Staff and Students conducted and participated in the following Seminars / Conference:

i) A two day seminar was held by the College in September, 1993 on 'Swami Vivekanand - His Life and Work'. to commemorate the 100th Anniversary of Swamiji's Address to the Parliament of Religious in Chicago. Scholars like i) Dr. K. Subramanyam, Principal, Vivekanand College, Tiruvadakam, Tamil Nadu. ii) Dr. J. V. Naik, Professor & Head, Dept. of History, University of Bombay. iii) Dr. M.J. Audi and iv) Dr. A. R. Padoshi of Goa University, presented learned papers throwing light on the different aspects of the life and teachings of the Swamiji.

ii) Principal D. L. Naik participated in the Second Annual Conference 1994 of I.C.F. held at Goa University. He also participated in the Conference 'New Trends in the History of Maharashtra' organised by the University of Bombay, Department of History.

iii) Prof. Augusto J. Pinto, presented a paper entitled 'The Watchdogs are Chained: Goan Press and Public - Opinion in the Eighties' at the seminar on 'Journalism in Goa', organised by Government College of Arts, Science and Commerce, Quepem.

iv) Prof. Anand S. Dessai, participated in the International Conference on 'Vistas in Modern Applied Mathematics'. held at Goa University. ,

v) Prof. Ms. Sunetra Narvekar attended the workshop on 'Training Women Leaders Defending Consumer Rights' organised by the Society of Civil Rights, New Delhi, in co-ordination with V.V.M.'s Institute of Management Training and Research, Margao.

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

Sports:

Under the Active guidance of Prof. Ramlal S. Vernekar, Director of Physical Education, the student community or our college participated in the various sports activities at the college and University level.

Outstanding college sportsmen and sportswomen participated in Badminton, Weight Lifting, Power Lifting and Body Building competitions. College teams also participated in Volleyball, Football, Kho-Kho, Kabaddi and Cricket Tournaments organised by the Goa University. The performance of the college cricket team was commendable. At the Inter-Collegiate Cricket Tournament the team bagged the Silver Medal. Apart from this, two of our Cricket players Shri Vipul Kalekar and Nitin Kalekar represented Goa University at the Inter-University Tournament held at Udaipur in Rajasthan.

In the individual Badminton Tournament our team put up a good show. Performance of the Women's Kho-Kho team was satisfactory, securing the runners-up position.

At the cross-country race organised by Goa University, our students secured the 10th and 11th place respectively in a group of fifty competitors from all the colleges in Goa.

In Football our team exhibited good performance and managed to secure the runners-up position. Our Volleyball team brought glory to our Institution by emerging champions. Team effort, under the captainship of Lazario D'Silva registered a landmark in the history of our Institution by winning the Gold Medal for the first time.

Cultural Activities:

The students' Council chaired by Prof. Anand S. Dessai held the following competitions:

Elocution Competition, Essay Competition, Singing Competition, Inter-Class Quiz Competition and Wall-Paper Competition. This year the Council organised the Fourth Annual Inter-College Kavi Sammelan in English, Hindi, Konkani and Marathi languages.

College staff and students went on a hiking expedition to Siddanath Parvat at Borim, Ponda.

The college students participated in various Inter-College Competitions. At the Wall-Paper Competition organised by the Gomantak Marathi Academy, our College Wall-Paper "Akshargandh" bagged the first place. The team consisting of Miss Cardozo Savita and Miss Fotto Dessai Sanguita Purushottam participated in the All Goa

Inter-Collegiate Elocution Competition organised by G.V.M's College of Commerce & Economics, Ponda, Goa.

Miss Gauns Dessai Teja Suresh, Mr. Naik Shivprasad Bhazru and Mr. Dessai Prashal Babani represented the College at the Inter-Collegiate general knowledge Quiz Competition for the U.N. Bene Trophy, organised by Damodar College of Commerce & Economics, Margao.

Apart from this, at the Elocution Competition held to celebrate National Science Day, organised by Government of Goa, State Institute of Education, Ms. Sabina Augusta Fernandes bagged the second place.

College students also participated in the Inter-Collegiate Youth Festival 'Gomantakiyam' held at Kala Academy, Panaji, Goa.

N.S.S. :

The College N.S.S. Unit for the Academic year 1993-94, was inaugurated with VANAMAHOTSAV celebrations by Shri Anthony Fernandes, Vice-President, Cuncolim Municipality. Seedlings made available by Government Agriculture Department were distributed to those present on the occasion. A meeting of the N.S.S. volunteers under the able guidance of the N.S.S. Programme Officer, Avinash V. Raikar, was held to constitute the Rehabilitation Team to assist in the earthquake affected areas of Maharashtra. The N.S.S. Unit also undertook the task of preparing a Blood Donors Directory which will benefit people in need of blood in times of emergencies.

The Annual N.S.S. Camp was held at Cabo-Da-Rama. Shri Chandrakant Keni, Editor of Rashtramat addressed the N.S.S. Volunteers at the camp site on 'Youth and Nation Building'. As in the past, N.S.S. volunteers engaged themselves in activities involving creative and constructive social work. They undertook voluntary service in various hospitals, health centres, primary schools and old age homes in Cuncolim and surrounding areas. A special cleaning drive was held at Cuncolim in association with the Cuncolim Municipal Council.

College N.S.S. Unit associated itself with the Silver Jubilee Celebrations of the Goa N.S.S. Unit. Two of our N.S.S. volunteers Miss Gauns Dessai Teja Suresh and Mr. Dessai Prashal Babani participated in N.S.S. Leadership Training Programme organised on behalf of the Goa University by the Saraswat Vidyalyaya's College of Commerce & Management.

N.S.S. Volunteers joined the Anti-Tobacco consumption drive and sought to educate the people on the deleterious effects of tobacco consumptions.

N.S.S. volunteers also actively participated in the collection drive to raise fund for the Goa University Earthquake Relief and Rehabilitation. A sum of Rs. 4167/- was collected and contributed to the Goa University Earthquake Relief and Rehabilitation Fund instituted by Dr. P.R. Dubhashi, Hon'ble Vice-Chancellor to help the Maharashtra Earthquake victims.

Teachers' Day Collection was also made by the sale of stickers and the collection was duly handed over to the concerned authorities.

Statistical details regarding the teaching programme and students:

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr
1 .	A r t s	B.A.	3 yrs.			
			Boys:	25	22	33
			Girls:	51	43	54
			Total	76	65	87
2 .	Commerce B.Com.	B.Com.	Boys:	51	69	70
			Girls:	31	44	45
			Total	82	113	115

A-13 GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, SANOUELIM - GOA.

This is the first Govt. College, which was established in June, 1988 to impart instruction in the approved subjects leading to B.A., B.Sc., & [B.Com.](#) degrees. The institution is run by the Governments of Goa in the Government owned buildings. Dr. B.A. Gomes, who is also a teacher of Economics is the Principal of the College. The College does not provide hostel facilities as these is no demand for it.

Teaching and Research Staff :

1. Dr. B. A. Gomes, M.A., L.L.B., D.H.E., Ph.D. Principal.
2. Mr. P.N. Thomas, M.Sc., B.Ed. Lecturer.
3. Mr. J.P.P. Pacheco, M.Sc., D.H.E., B.Ed. Vice-Principal & Lecturer in Chemistry.
4. Mr. D.G. Bandiwadekar, M.Sc. Lecturer.
5. Ms. Lucy James, M.A. Lecturer.

6. Mr. N.B. Bhat,, M.Sc., M.Phil.
Lecturer.
7. Mr. K.R. Badiger, M.A., M.Phil., Dip. in
Lecturer 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 Edcation Director.
11. Mrs. Sowini Thomas, M.Sc., BD.H.E.
Lecturer
12. Mr. Anil Karambelkar, M.Sc.
Lecturer
13. Ms. Maria Helena Souza, M.A., B.Ed.
Lecturer
14. Mr. Sayed Abdullah, M.A., M.Phil.
Lecturer
15. Mr. R.K. Tan, M.Sc., B.Ed.
Lecturer
16. Mr. Ashok Chodankar, M.Sc.
Lecturer
17. Ms. Rekha Mishra, M.A.
Lecturer.
18. Mr. Joydeep Bhattacharjee, M.Sc.
Lecturer.
19. Ms. Rosalina Pereira, M.Sc.
Lecturer.
20. Ms. Shubhada Joshi, M.A., Ph.D.
Lecturer.
21. Mr. M.B. Ghosarwadekar, [M.Com.](#)
Lecturer.
22. Ms. Sunita Kanekar, M.A., B.Ed.
Lecturer.
23. Mr. Ramrao Wagh, M.C.A.
Lecturer.
24. Ms. Anjana Raju, [M.Com.](#)
Lecturer
25. Mr. G.A. Konesar, [M.Com.](#), D.B.M., B.Ed.,
Lecturer.
26. Mr. Gervasio Mendes, M.A.
Lecturer.
27. Dr. K.S. Muralidhar, M.Sc., Ph.D.
Lecturer.
28. Ms. Agnela Dias, M.A.
Lecturer.
29. Ms. Sneha Mahambre, M.A., M.Phil.
Lecturer.
30. Mr. Shirish D. Kamat, M.Sc.
Lecturer
31. Ms. Rufina Borges, M.A.
Lecturer.
32. Sharat Jamkhandi, M.A.
Lecturer
33. Ms. Sujata Sail, M.C.A.
Lecturer.
34. Ms. Maria Norma Menezes, M.A.
Lecturer.
35. Mr. Sanjay Jahagirdar, M.Sc., M.Phil.
Lecturer
36. Ms. Pumakala Samant, M.Sc.
Lecturer.
37. Mr. Pandurang Sawant, M.Sc., M.Phil.
Lecturer.

Library :

Total No. of text books	843
Total No. of Ref. books	6753
Total No. of Periodicals	34
Total No. of Academic Journals	16
Total No. of books in the Book Bank	873
Total No. of books	- 8469

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

1. Ms. Shubhada Joshi was awarded ph. D. in Hindi
for the Thesis titled Nagarjun Ki Ramchanaonka
Samikshatmak Adhyayan.
2. Mr. J.P.P. Pacheo was a member for local ar-
rangement for the Ninth National Symposium and
to workshop on Thermal Analysis held at Goa
University from 5th Nov. to 10th Nov. 1993.
3. Ms. Lucy James participated in a three day
workshop on "Environmental Awareness and in-
formation Dissamination" at New Delhi, conducted

by society for civic rights , New Delhi from 18th December to 20th December, 1993. She also participated in a workshop "Training Women Leaders for Consumer Defending Rights" that was held at Margao from 3rd Sept., to 5th Sept., 1993.

4. Mr. Gervasion mendes completed the Orientation programme for N.S.S. Programe Officers conducted by Tata Institute of social sciences from 12-4-1994 to 22-4-1994. He also attended the ICSSR Research Methodology Course conducted by CMDR, Dharwad from 16th May, 1994 to 4th June, 1994.
5. Dr. B.A. Gomes, PRINCIPAL,
 - i) Radio Group Discussion Programme on "Youth in Developments", on 25-10-1993, broadcast on 30-12-1993.
 - ii) Guest Speaker at a Debate orgaised by Siddarth Bandomkhar Higher Secondary School, Valguem held on 12-8-1993, for Higher Secondary Schools in Goa.
 - iii) Addressed as Chief Guest at the Inaugural Function of the Student's Council of Saraswat Vidhyalaya's College of Commerce and Management studies, Mapusa, held on 9-8-1993.
 - iv) Participant in the seminar on "Garbage proliferation" organised by Green Ray Foundation held on 11-9-1993.
 - v) Resource person for the Workshop of Economics Teachers of Colleges at Shrimati Parvatibai Chowgule College, Margao held on 5-9-1993.
 - vi) Participant in the 2-day National Conference of Principals at the Goa University, from 3rd to 4th January, 1994, organised by Indian Colleges Forum, New Delhi.
 - vii) Participated in the 3-day Orientation Course for Principals at Goa University's Academi Staff College, from 27th to 29th January, 1994.

N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension work :

Sports :

The College has a very impressive playground. The College took part in almost all the games and Debates, organised by the Goa University. For the second year in succession, our College Men's team won the Kabaddi Championship. The Women's Tennikoit and Men's Cricket teams reached the semifinals. In Athletics, Miss Vita

Vaz

won the Gold Medal in the High Jump and Miss Supriya Pai Kuchelkar won the Silver Medal in the Discuss Throw.

Inter-class tournaments and competitions were held for all Sports and Games. The formal Annual Sports meet was held on the College ground on 22nd January, 1994.

Independence Day, Goa Liberation Day and Republic Day functions were celebrated with flag hoisting and various competition were also held on these days.

Debates and other Competitions :

1. The College conducted Inter-collegiate Debating Competition for the ACGL Shield on 15th September, 1993.
2. The College conducted Debating competition for the students of the College on 25th August, 1993.

Other competitions that were held in the College are Elocution Competition on 10-2-94, Poetry competition on 8-2-94, Spelling Bee Competition and What's the Good Word? competition on 27-11-1993, Singing Competition, Essay Writing Competition, "Economic" Quiz competition, etc. etc.

Besides this, Remedical English Classes were held in the First term of the academic year, 1993-94.

Cultural Activities :

The following activities were carried out :

1. Annual Youth Festival, Utsav '93 having different competitions.
2. Annual Social Gathering and Prize Distribution.
3. Rangoli Competition held on 15th August, 1993.
4. Teacher's Day Celebration.
5. Flower Arrangement Competition held on 26th January, 1994.
6. Inter-Collegiate and State Level Competitions. Many students of the college won prizes. The students include Vinay Bapat, Vilas Parab, Shatagauri Kanekar, Esperanca Barretto, Appa Buva, Jaikrishna Velinkar, Milan Vaingankar, Hanumant Chopdekar, Kiran Chauhan, R. Kashiraman, Shantaram Goankar, Vishant Shirgaonkar, and Krishna Sawant.

N.S.S. :

The following activities were carried out under N.S.S.:

1. 6000 plants cutting and saplings were planted around the College.
2. Sadbhavana Diwas - All Faith Prayer was held and Sadbhavana Oath was administered.
3. Quami Ekta Week - Three students presented papers on Women's Day on the topics
 - i) Problems of adolescent girls;
 - ii) Problems of working and non-working women and
 - iii) Education as stepping stone in womens's life.
4. An exhibition on the causes and prevention of Malaria followed by talk by Dr. Ashwini Kumar.
5. National Youth week was celebrated.
6. Blood Donation Camp.
7. Sex Education Programme for T.Y. students by the Red Cross Society.
8. N.S.S. Special Camp - was held in Sanquelim. the major project undertaken were :
 - i) A house to house survey of the status of women in Sanqueli;
 - ii) Manual work;
 - iii) Personality Development;
 - v) Cultural Programme every evening.
9. Cleaning of surroundings of village library and Sattari.

Education and Extension work done by N.S.S.:

- a) Literary awareness programme was held at Nanora, Sattari - Goa.
- b) Students taught many adult learners to read and write under "each-one-teach-one" project.
- c) N.S.S. colunteerss worked in the nearby hospitals.
- d) Poster competitions on adult education.
- e) Science Association took students on an educational tour to Hyderabad from 25th Dec., 1993 to 2nd Jan., 1994. They visited H.M.T. Lamps & Tubes, B.H.E.L., C.M.C., N.R.S.A., etc.
- f) Participation at National Camps - Varsha Thakur, Varsha Naik and Kiran Chauhan participated in the national Integration Camp for the "Young Women to speak up for the girl child" from 20-8-93 to 29-9-93 at Vishwa Yuwak Kendra, New Delhi. Mr. Vilas Parab attended the National In-

tegration-cum-pre-Republic Day Parade 1994, selection Camp at Baramati, Maharashtra.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree Course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr.
1.	Arts	B.A.	3 yrs.			
			Boys:	52	33	35
			Girls:	60	39	47
			Total	112	72	82
2.	Commerce	B.Com.	Boys:	75	38	24
			Girls:	61	27	27
			Total	136	65	51
3.	Science	B.Sc.	Boys:	46	34	20
			Girls:	35	28	09
			Total	81	62	29

Result of the College percentage wise

April, 1993		October, 1993	
Class	Pass %	Class	Pass %
T.Y.B.A.	70.27%	T.Y.B.A.	62.5%
T.Y.B.Sc.	100%	T.Y.B.Sc.	100%
T.Y.B.Com.	66.66%	T.Y.B.Com.	50%
OVERALL	77.50%		
April, 1994			
Class	Pass%		
T.Y.B.A.	83%		
T.Y.B.Sc.	93%		
T.Y.B.Com.	80.39%		
OVERALL	84.52%		

Publications and papers presented :

1. Mr. D.B. Arolkar presented a paper titled "Cu-NI" Sulphide mineralization in Green stones at Usgaon-Tisk, Goa, at the Tenth Convention of Indian Association of sedimentologists and national Seminar on Sedimentology from 5th to 7th Nov., 1993 held at Deptt. of Geology, Karnataka University, Dharwad.
2. Ms. Shubhada Joshi presented a paper 'Sanwad' Group Panaji on "Divya" Naval written by Yeshpal a noted Hindi Marxist Writer.
3. Dr. B.A. Gomes, Principal, presented a paper on "Education Design & Perspective for change "at the State Seminar on "Youth in Development" organised by the Goa Chapter of Society for International Development (S.I.D.) held on 6-8-1993.

Also, presented a paper "On Improving of Teaching of Economics at the Under Graduate Level" at the Get-together of Economics Teachers of Goa Colleges, organised by the Deptt. of Economics, Goa University.

Information about campus development, construction of new buildings, opening of new subjects, course programmes :

Basement of the Commerce Block was developed and separate rooms are provided to a college office (new) N.S.S., Examination, Sports, Audio-Visual Laboratory and small class rooms. Extensive tree plantation was done on the sides of the College ground in the campus. Six Units at Third Year level have been started in Zoology for T.Y.B.Sc. and B.C. Sc. (Computer Science) Course is introduced at F.Y. level from June 1994. Plans are afoot for a new building housing an auditorium, Library Hall and Museum.

A-14 GOA COLLEGE OF HOME SCIENCE, PANAJI, GOA.

The Goa College of Home Science is run by the Government of Goa. It was established in the year 1988. Kum. Z. Pabani is the Principal of the College.

Teaching and Research Staff :

1. Dr. Zahira Pabani, 3 year Diploma in Home Science, D.H.E., M.A., M.Phil., Ph.D.
2. Smt. Daisy John, M.Sc. (H.Sc.)
3. Smt. Parvathi Rao, M.Sc. (H.Sc.), M.S. (Nutrition) Diploma in Dietetics
4. Smt. Rajal Shinkre, M.Sc. (H.Sc.)
5. Smt. Singuella de Cunha, M.Sc. (H.Sc.)
6. Kum. Rita Godinho, M.Sc: (H.Sc.)

Library:

Text books - 886; Reference books - 346; Academic Journals - 25; Popular journals - 9.

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, Charrom and Chess are provided in the College premises. The students took part in the Inter-Collegiate Sports tournament.

Statistical details regarding teaching programme and

students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr.
	Home Science (Home Sc.)	BSc	3 years	30	24	18

Results of the College percentage-wise:

The College did well in respect of the academic field and the results were very good.

FY - 56.8%, SY - 100%, TV - 100%

Information about campus development, construction of new building, etc.

The College building is at Camp!, Panaji.

A-15 GOVT. COLLEGE OF ARTS, SCIENCE & COMMERCE, KHANDOLA, MARCELA-GOA.

This is a Govt. College which was established in June, 1989, to impart instruction in the approved subjects leading to B.A, B.Sc., and [B.Com.](#) degrees. The institution is run by the Govt. of Goa in the Govt. owned building. Dr. John B. Fernandes, who is on the faculty of Chemistry is the principal of the College. The College does not provide the Hostel facilities.

Teaching and Research Staff:

1. Dr. John B. Fernandes, M.Sc., **D.H.E.**, Principal Ph.D. (USA)
2. Mrs. Seema P. Rath, M.A. Lecturer
3. **Mr. Prabir K. Rath, M.A., C.P.S., M.Phil.** Lecturer
4. Mr. S.M. Tadkodkar, M.A., B.Ed Lecturer
5. Dr. Jivexa Bhattacharji, M.Sc., Ph.D. Lecturer
6. Ms. Ivone de Menezes, M.Sc., **B.Ed.** Lecturer
7. Ms. Fatima D'Souza, [M.Com.](#) Lecturer
8. Dr. Bibial G. Dias, **M.A., B.Ed., Ph.D.** Lecturer

9. Dr. Usha Bhende, M.A., Ph.D.
Lecturer
10. Ms. Christina D'Souza, M.A., B.Ed.
Lecturer.
11. Mr. Vithal Sukthankar, B.Sc., M.C.A.
Lecturer
12. Dr. Tara Shankar Dey, M.P.E., D.Y.Ed., M.Phil.
Director of Physical Education Ph.D.
13. Mr. Miguel A.B.P.C. Martins, M.Sc.
Lecturer
14. Mr. Jaison Joseph, M.Sc.
Lecturer
15. Mr. Prakash Vazrikar, M.A.
Lecturer
16. Mr. Aureliano Fernandes, M.A., B.Ph., B.Ed.
Lecturer
17. Mrs. Asha Brijpal Gahloth, M.A.
Lecturer
18. Mr. Artemio Fernandes, [M.Com.](#)
Lecturer
19. Mr. P.V. Chodankar, M.Sc.
Lecturer
20. Mr. Sitaram Sukthankar, [M.Com.](#), M.B.A.
Lecturer
21. Mr. Mahesh Pai, M.A.
Lecturer
22. Ms. Dilecta Colaco, M.Sc.
Lecturer
23. Mrs. Anita Jacob, M.A.
Lecturer
24. Mr. Shridhar M. Gurav, M.Sc., B.Ed.
Lecturer
25. Ms. Isabel Dennis, M.A., M.Phil., B.Ed.
Lecturer
26. Ms. Jennefer Almeida, M.Sc.
Lecturer
27. Mrs. Manisha S. Sajane, B.E. (Electronics)
Lecturer
28. Ms. Anjali S. Kolwalkar, B.Sc., M.C.A.
Lecturer

Library:

Total No. of books in the library - 10,456; Periodicals - 17; Academic Journals - 4; Newspapers - 18.

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

N.S.S:

The N.S.S. activities of the year 1993-94 began in April, 1993. The N.S.S. unit undertook special project work at primary health centre Betki, Bal Niketan, Ribandar and Goa University in May, 1993. A general survey to find out about the hygienic conditions, mode of transport, etc. was conducted at Tamsuli in June, 1993. Community service projects were undertaken by the N.S.S. Unit at St. Francis Xaviers training centre for the handicapped, gram panchayat Amona, St. Xavier's Institute for deaf and dumb and at the Home for the old and aged. The N.S.S. unit planted 1000 different fruit bearing saplings at Amona. They also organised a blood donation camp under the guidance of the Goa Medical College, at the College campus.

Sports:

The College participated in the following competitions organised by the Goa University - Table-Tennis, Badminton, Football, Volleyball, Kho-Kho, Kabaddi, Weightlifting and Body building, Cross Country, Cricket, Tennikoit and Athletics. The Kho-Kho, Kabaddi and hockey teams reached the semi-finals. The College secured 8 medals in athletics competitions of the Goa University and 5 medals in the 22nd Goa State Open Athletics competitions held at Margao. The College teams reached the quarter-finals rounds in Table-Tennis, Badminton and Football competition organised by Goa University. Apart from the above mentioned competitions, the Department of Physical Education conducted various intra-mural competitions and also organised the Annual College Sports.

Cultural Activities:

Various competitions, involving students, like essay writing, painting, elocution, singing, debates, rangoli, flower and vegetable arrangement, quiz & fancy dress were arranged. Independence Day, Goa Liberation Day and Republic Day functions were celebrated with flag hoisting and various competitions were organised by the students Council. Prize distribution cum variety entertainment programme was organised on 21st January.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94			
				F.Y.	S.Y.	T.Y.	
1.	Arts	B.A.	3 years	Boys	46	23	24
				Girls	40	36	33
				Total	86	59	57
2.	Commerce	B.Com.	3 years	Boys	70	33	53
				Girls	35	23	23
				Total	105	56	76
3.	Science	B.Sc.	3 years	Boys	31	18	2
				Girls	44	16	10
				Total	75	34	12

Results of the College percentage-wise:

Oct./Nov., 1993

T . Y . B . A .	69 %
T.Y.B.Com.	34%

March/April, 1994

	Appeared	Passed	Percentage
T.Y.B.A.	5	29	52.70%
T.Y.B.Sc.	11	08	72.70%
T.Y.B.Com.	72	18	25.00%

Publications:

1. Prabir K. Rath - "Process of Urbanisation in Orissa" Paper presented at XV Indian Geography Congress of the National Association of Geographers at Bhuvaneshwar in November, 1993.
2. Dilecta Colaco: Co-authored a paper "Transformation of Santonin" published in the international Journal - Letter in Applied Microbiology.
3. Prashant Chodankar: Co-authored papers:
 - i) "Acoustic characteristics of Water of Bay of Bengal published in Indian Journal of Marine Sciences. Vol. 22, Dec., 1993.
 - ii) "Reference sound speed Profile and Related Ray Acoustics of Bay of bengal forTomographic Studies". Vol. 80 (1994) Mahashala Vo.V. 1993-94, a College Annual was released.

Information about Campus development, Construction of new buildings, opening of new subjects, course programmes.

1. A new reading room was installed in addition to the reading facilities in the library.

2. New course introduced. Computer Science course is extended to S.Y.B.Sc.

Course Programmes:

The College offers the following subjects at the degree level (Third level)

Arts:

Three Units each in Konkani, Marathi, Hindi, English, Political Science (also six Units) History, Geography, Economics, Psychology.

Commerce:

Applied Component: Computer Systems OR Management of Small Scale Industries.

Ancillary Paper: Economics Systems

Special group: Financial Accounting & Auditing OR Business Management OR Cost Accountancy.

Science:

1. Three Units each in Microbiology and Chemistry: Applied Component: Drugs & Dyes.
2. Six Units in Computer Science: Applied Components: 1. Computer Organisation 2. PC Software.

A-16 GOVERNMENT COLLEGE OF ARTS, SCIENCE & COMMERCE, OUEPEM-GOA.

Established in July, 1989, the Government College of Arts, Science & Commerce, Quepem, is run by the Govt. of Goa. The college imparts instruction in the courses leading to B.A. & [B.Com.](#) degree. Shri P.N. Timble who is also a lecturer in Economics is the Principal of the College.

Teaching and Research Staff:

1. Shri P.N. Timble, M.A., LL.M. Principal
2. Shri. Oscar C.N. de Noronha, M.A. Lecturer
3. Shri S.N. Patil, M.A., B.Ed. Lecturer
4. Smt. Sushila S. Mendes, M.A., LL.B., B.Ed. Lecturer
5. Smt. Vidya R. Dalvi, [M.Com.](#) Lecturer
6. Smt. Asha A. Mangutkar, M.A., B.Ed Lecturer

7. Shri Rajan Mathew, M.P.E.
Director of Physical Education
8. Shri R.G. Amballoor, M.A., M.Phil.
Lecturer
9. Miss Bharati K. Parab, M.A., B.Ed.
Lecturer
10. Shri R. Anthony Sathish, [M.Com.](#)
Lecturer
11. Miss Linda Maria Fernandes, M.A.
Lecturer
12. Shri Miguel A.B.P.C. Martins, M.Sc.
Lecturer
13. Shri Brijpal Singh Galloth, M.A.
Lecturer
14. Smt. Purva Hegde Dessai, [B.Com.](#),
Lecturer Chartered Accountancy
15. Miss Seema M. Kulkarni, M.A.
Political Science
16. Shri Ashok D. Mangutkar, M.A.
Marathi
17. Shri Constancio Fernandes, M.A., B.Ed.,
Lecturer LL.B.
18. Smt. Amrita Anil Dingo, M.A.
Lecturer
19. Miss Bernadette Gomes, M.A.
Lecturer
20. Miss Elizabeth J. Henriques, M.A.
Lecturer
21. Shri Narayan V. Bandodkar, M.Sc.
Lecturer
22. Dr. Rajendra Rao Kulkarni, M.Sc., **Ph.D.**
Lecturer
23. Shri T.C. Taranath, M.Sc.
Lecturer
24. Smt. P.S. Anitha, B.E.
Lecturer
25. Shri Govind A. Kelkar, M.C.A.
Lecturer
26. Shri Ehrlich D. Barreto, M.Sc.
Lecturer
27. Shri Remy Dias, M.A.
Lecturer

28. Smt. Pramada U.G. Dessai, M.A., B.Lib.
Librarian

Library:

Total number of books are 7800 **out** of which 950 books have been added during the academic year 1993-94. We are subscribing about 33 periodicals inclusive of educational journals, General periodicals and 12 local and national newspapers.

Seminars:

1. Seminar on the theme '**The Press and the People**' keynote address by journalist Mario Cabral e Sa.
2. One day seminar on Cooperative Movement in Goa.

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

Sports:

1. Physical Fitness programme for students.
2. Karate Classes.
3. Winners at GU Cross Country Race (Women); Cycle Race (Men) two gold, three silver and six bronze medals at Goa University Athletic Meet.
4. One gold, one silver and two bronze at the Goa State Athletic Meet.

Cultural Activities:

1. Kala Sangam, a 3 days festival of competition.
2. Handicraft Exhibition
3. Host for the Fine Arts event of the Inter-Collegiate Festival organised by Goa University.
4. Third prize at the Kala Academy one-act play competition.

National Service Scheme (N.S.S.):

1. Campus development and tree plantation.
2. Two treks in Sanguem taluka to identify medicinal plants.
3. Blood donation camps.
4. NSS Silver Jubilee and Youth Week was celebrated (Competitions held in essay, elocution, poster, song, mime, folk dance).
5. Special camp held at Avedem (Quepem) which included development projects in the village, treks and talks by local personalities.

Nature Club:

1. Field trips to Bondla and Cotigao sanctuaries.
2. Sponsored programmes on Animal Welfare and Waste Management in local schools and colleges.
3. Received grant from Ministry of Environment and Forest and Govt. of Goa.

Students Consumers Cooperative Society:

1. Exhibition cum sale of handicraft made by college students.
2. Annual turnover : Rs. 75,000/-

Staff Academy and Staff Activities:

The main purpose of the Staff Academy is to facilitate inter-disciplinary activity among staff members.

1. Five paper reading sessions were held
 - a) "Dialogue and Difference: Humanities in a Science-ridden World", by Linda Fernandes.
 - b) "Noise Pollution" - Dr.. Rajendrarao Kulkarni
 - c) "Earthquakes" - Mr. S.N. Patil
 - d) "Towards a redefinition of the Scientific Method" - Miss Bernadette Gomes.
 - e) "Electoral Reforms" - Miss Seema Kulkarni
2. Miss Bernadette Gomes submitted Ph.D. thesis on "Ethno-Medicine and Healing Practices in Goa - The Kunbi Case" and Mr. T.C. Taranath, on "An Ecological Study of Bhadra River Pollution with reference to Plants, Water Quality and Sediments.
3. Miss Linda Fernandes presented a paper entitled 'The Pioneer Women: Defined and Redefined in Canadian Fiction' at the International Conference Canada and India: The Changing Global Scenario" and Mr. Brijpal Singh presented a paper on "Philosophy of Raul Sankrutgayan" at a seminar organised by the Hindi Department of the Goa University.
4. Mr. Oscar de Noronha and Mrs. Sushila Mendes attended Orientation Courses at the Academic Staff College, Goa University.

Guest Lecturers:

1. Jayanti Naik, Asstt. Research Officer, Goa Konkani Academy, "Folklore of Amona, Quepem".
2. Dr. Peter Ronald de Souza - "Social Equality: Problems and Prospects".
3. Mr. Maruti Lyer - "Public Relations and Interview Techniques".

4. Mr. D.P. Pednekar, Dy. Registrar, Goa University - Importance of Social Service in Life.
5. Mr. Ujwal Desai - Poultry Farming and Self Employment.
6. Mr. Leo D'Mello and Miss Celestino Crasto - Personality Development.
7. Mr. Vallabh Desai - Effective Public Behaviour.
8. Mr. S.A. Wagle - Farming methods and Kitchen Gardening.
9. Dr. S.M. Naik - Animal Care and Waste Management.
10. Mr. Kalanand Mani - Rural Development in Goa.
11. Mr. A.V. Kajrekar - Scheme of Social Welfare Department.
12. Mr. Prasad G. Desai and Dinkar Rane - Scientific Temper.
13. Mr. Ramakant Angle - Responsibilities of Youth towards the Society.
14. Mr. Mahesh Kamat - Personality Development.
15. Mr. Glenn Viegas - AIDS Awareness.
16. Dr. Mohan Pal Raikar - Hygiene and Health.
17. Mr. Nandukumar Kamat - Mushroom Cultivation.
18. Mr. A.R. Kulkarni - New Economic Policy.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr
1.	Arts	BA	3 years			
			Boys	25	26	13
			Girls	39	18	29
			Total	46	44	42
2.	Science	B.Sc.	3years			
			Boys	31		
			Girls	28		
			Total	59		
3.	Commerce	B.Com.	3yrs			
			Boys	61	31	27
			Girls	37	19	16
			Total	98	50	43

Results of the College Percentage-wise:

Course	April 1993	April 1994
T.Y.B.A.	76%	66%
T.Y.B.Com.	64.86%	78%

**A-17 ROSARY COLLEGE OF COMMERCE & ARTS
NAVELIM, SALCETE, 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. !flack) Piedade Newman Fernandes is the Principal of the College.

Teaching and Research Staff:

1. Prof. Newman Fernandes, M.A., LL.B.
Principal
2. Mr. Savio Falleiro, M.A.
Lecturer
3. Ms. Neeta Muzumdar, 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. bhalchandra Gaonkar, M.A.
Lecturer
9. Mr. Francis X. Lobo, M.P. Ed.
Director Physical Education
10. Mr. Afonso Botelho, M.A.
Lecturer
11. Mrs. Noemia Mascarenhas, M.A.
Lecturer
12. Ms. Tanya Marchon, M.A.
Lecturer
13. Mr. Robert Fernandes, [M.Com.](#)
Lecturer
14. Ms. Priya Carvalho, M.A.
Lecturer
15. Ms. Rita Braganza, M.A.
Lecturer

Library:

16. Ms. Pamela D'Mello, M.A.
Lecturer

17. Ms. Sandra Monteiro, M.A.
Lecturer

Total number of text books	580
Reference books	1500
Periodicals	15
Academic Journals	20

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94			
				F.Y.	S.Y.	T.Y.	
1.	Commerce	B.Com.	3 years				
				Boys	74	41	22
				Girls	33	36	17
			Total	107	77	39	
2.	Arts	B.A..	3 years				
				Boys	16	12	5
				Girls	36	38	30
			Total	52	50	35	

Results of the College Percentage-wise:

T.Y.B.Com. Examination of Apr. '94 - 24.32%

T.Y.B.A. Examination of Apr. '94 - 51.51%

Information about campus development, construction of new buildings, opening of new subjects, course, programmes:

In the course of the first year of College, a provisional building was put up and was occupied in January, 1991. The College Office, Principal's Office, Library, Faculty Room, Men's Common Room, Women's Common Room, Sports **Room**, Audiovisual Room, Some classrooms were 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 SARASWAT VIDYALAYA'S COLLEGE OF COMMERCE & MANAGEMENT STUDIES, KHORLIM, MAPUSA - GOA.

Saraswat Vidyalaya's College of Commerce and Management Studies, Telang Nagar, Khorlim, Mapusa, Goa was established on 1st July, 1991. It is managed by Saraswat Vidyalaya, which is one of the oldest educational societies of Goa. The college caters to instructions leading to [B.Com.](#) degree course of the Goa

University. Shri Bhaskar G. Nayak is the Principal of the College.

Teaching and Research Staff:

1. Shri Bhaskar G. Nayak, M.A.
Principal
2. Shri Sukhaji naik, [M.Com.](#), B.Ed.
Lecturer
3. Shri Santosh Patkar, M.Conn., B.Ed.
Lecturer
4. Shri Subhash Thakur, [B.Com.](#), A.C.A.
Lecturer
5. Miss Smita Shrivastava, B.Sc., M.M.S.
Lecturer
6. Mrs. Ira Bhattacharya, M.A., M.Phil.
Lecturer
7. Miss Maria N. Peres, M.Sc.
Lecturer
8. Mrs. Sharmila Borkar, M.A.
Lecturer
9. Mr. P.K. Sudarshan, M.A.
Lecturer
10. Mr. Jayesh J. Churi, B.A., M.P.Ed.
Director of Physical Education
11. Mr. Jakati Dadapir M., M.A.
Lecturer
12. Mr. Carlos Fernandes, M.A., B.Lib. Sc.
Librarian.

Visiting Faculty:

1. Adv. R.V. Kunkolienkar, M.A., LL.M.
Lecturer
2. Adv. A.V. Nayak Salatry, B.A., LL.B.
Lecturer
3. Mr. Shyam Kamat, [B.Com.](#), F.C.A.
Lecturer
4. Mr. Arun Sakhardande, [M.Com.](#)
Lecturer

Library:

The college has a well equipped and growing Library. The total number of books is 1049 of which 627 are reference books while 422 are text books. The college has subscribed to 6 periodicals and 9 academic journals.

N.C.C.:

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

The College does not have a separate wing however it accommodates the deserving students in N.C.C. units of other colleges.

Sports:

The College participated in different events conducted by Goa University and made a significant contribution. The noteworthy of our up-coming stars of whom we all are proud of is Mr. Michael Mbugua and Nicholas Alosa. Mr. Michael Mbugua won a gold medal at Goa University athletic meet breaking all the past records and creating his own record in 'High Jump'. Mr. Nicholas Alosa exhibited a splendid performance. He scored 2nd place in 200 mts. run, 3rd place in 100 mts. run and 2nd place in 110 mts. hurdles. he was selected in the University athletic team to play in inter-University events at Kottayam, Kerala. Mr. Nicholas was the only Goan to have qualified for final round. His splendid performance was appreciated by the local press in Kerala giving him a wide coverage.

Miss Suchita Dhargalkar was selected in Goa Women's Kabaddi team to play at Nasik.

Cultural Activities:

The College conducted a number of cultural activities during the course of the year. These activities included singing competition, elocution competition, story telling competition, Mono-acting competition, Rangoli competition etc. An Art and craft exhibition was also organised on the occasion of Annual Social Gathering. The college also participated in the one act play competition organised by Kala Academy of Govt. of Goa.

N.S.S.:

The College has a NSS Unit of 150 volunteers. A number of projects in health, education, social forestry and rural development were undertaken by the college. A survey was undertaken for Indian Cance Society under the project 'Tobacco Free Societies'.

A fund raising activity was undertaken for Goa cancer society wherein the students collected a sum of Rs. 7,041-00. Similarly the NSS volunteers alongwith members of staf generously contributed towards Vice-Chancellor's Earthquake Relief Fund for Latur Earthquake victims.

The College NSS Unit is a continuous unit for activities of Nisarga, Nature Club of Mapusa. A large number of our NSS volunteers are involved in the nursery activities and maintaining the tree plantation of the club. The

annual NSS camp was held at Ken i (Sattari), Goa between 21st December, 93 to 30th December, 93. During the course of their days stay at Ken, the students undertook following activities.

Construction of a road of 500 meters long at Ghoteli, Ken.

Construction of a road of 700 meters long at Ghoteli, No. 2, Ken.

Cleaning and levelling of School grounds.

The N.S.S. Unit of this college had a privilege of hosting a two days leadership training programme for selected NSS volunteers of Goa Colleges. This programme was attended by 47 volunteers from different colleges of Goa.

The NSS unit of this college is undertaking the compilation of potential blood donors from Mapusa in collaboration with local colleges and voluntary organisations.

Accomplishments of staff:

The staff of this college is always active and therefore tries to avail of all such opportunities which will expose them to new vistas of knowledge. Prof. Sukhaji Naik attended an eight days orientation programme on 'Capital markets and Financial Services' organised by Institute of Chartered Financial Analyst, Hyderabad. Prof. (Mrs.) Ira Bhattacharya attended a day-long seminar of English teachers at Goa University. Prof. (Miss) Maria N. Peres participated in a 3 days workshop on 'Developing Women leadership in defending consumer rights' at IMTR, Margao. This seminar was sponsored by Government of India. Prof. (Mrs.) Sharmila Borkar and Prof. P.K. Sudarshan attended one day workshop of economic teachers at Chowgule College, Margao. Mr. Jayesh Churi attended a seminar on 'Vivekananda' organised by CES College at Cunclim. Principal B.G. Nayak attended a two days national seminar on 'Healthy Life Style: A basis of good health' organised by TISS, Bombay. This was sponsored by Department of Youth Affairs and Sports, Government of India.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr
1	Commerce	B.Conn.	3 years			
			Boys	107	97	37
			Girls	66	83	10
			Total	173	180	47

Information about Campus Development, construction of new buildings, etc.:

The management of the College proposes to construct a college complex at a cost of seventy lakhs on the land owned by the Society. The necessary formalities are being taken care of.

The College also proposes to launch a degree programme in management science (BMS). The arrangement are being made to get a specific approval for the same from AICTE, Delhi.

A-19 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. P.D. Xavier is the Principal of the College. The College, however, does not provide any hostel facilities.

Teaching and Research Staff:

1. Dr. P.D. Xavier, M.A., Ph. D. Principal.
2. Mr. Mario D'Souza, M.A., **M.B.A.** Lecturer
3. Ms. Annie Shakoor, M.A. 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. Roy Gomes, M.A. Lecturer
10. Ms. Hazel Ruth Fernandes, [M.Com.](#) Lecturer
11. Mr. Dilip Borkar, M.A. Lecturer
12. Ms. Magdalena D'Souza, **M.A.** Lecturer

13. Ms. Loren Mergulhao, M.Sc.
Lecturer
14. Ms. Nistha Tombat, M.A.
Lecturer
15. Mr. B. Ingalhallo, M.A.
Lecturer
16. Mr. Chandrakant Porob, M.A., LL.M.
Lecturer

Library:

Total number of text books	447
Total no. of reference books	1674
Total no. of Periodicals	8
Total no. of Journals	24

Seminars/Workshop held by the College:

The College conducted a faculty improvement workshop for teaching & non-teaching staff on 20th, 21st and 22nd December, 1993.

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

N.S.S.:

Under the special camping programme this year the NSS volunteers camped in the village at Madkaim in Panda Taluka from 23rd October to 3rd Nov., 1994 at Peaceful Society. The following were the activities carried out:

1. Kitchen gardening, lectures and films by Mrs. Bharathi Bandodkar.
2. Constructed Volleyball court for the Primary School.
3. Cleaned the area in and around the Sai Temple at Kundaim.
4. Cut down the plants which were blocking the road from Sai Temple to the Primary School.
5. Cleaned and cleared the grass in and around the Ponda where people use the water for bathing and washing clothes.
6. Conducted the coaching camps in football and volleyball for the village youth and organised exhibition matches.
7. Organised the singing competition for the children and the youth.
8. People in large number attended and participated in the camp fire.
9. The NSS volunteers organised Kojagiri Purnima for the people.

Sports:

The College participated in the following tournaments:

- | | |
|--------------------------------------|-----------------|
| 1. Badminton; | 2. Table Tennis |
| 3. Football; | 4. Basketball; |
| 5. Handball; | 6. Cricket; |
| 7. Weight Lifting and Body Building; | |
| 8. Volleyball; | 9. Kho-Kho; |
| 10. Cross Country. | |

In the Inter-Collegiate football tournament the College lost to Dhempe College of Arts & Science in the semi-final as the main goal-keeper Santan Tellis fractured his leg. In the Volleyball tournament, the College lost in the semi-finals for the second consecutive year. In the cross country, the men team stood third. In the Kho-Kho match for men, our college was the runners-up. The College Annual Sports Day was held on 16th Dec., 1993 at 3.00 p.m. on the College ground. Best Sports men and best Sports Women for the year 1993-94 were awarded with special shields. The highlight of the sports was the March past competition and the tug-of-war for men and women. The College Annual Day was held on 20th Dec., 1993. Prizes were distributed to the deserving students. The students presented a variety entertainment programme which was followed by a vote of thanks.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr
1	Commerce	B.Com.	3 years			
			Boys	38	39	22
			Girls	31	24	30
			Total	69	63	52

Results of the College 1993-94:

This year the first batch of students appeared for the University exams.

T.Y.B.Com.	Out of 57 students, 5 students passed. 8.77%
T.Y.B.A.	Out of 39 students, 25 students passed. 64.10%

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

The College building Plan has already been approved and submitted to the University.

A-20 SHREE MALLIKARJUN COLLEGE OF ARTS & COMMERCE, CANACONA-GOA.

Shree Mallikarjun College of Arts and Commerce is established in June, 1993. The College is affiliated to Goa University and imparts instruction in courses leading to B.A. & [B.Com.](#) degrees. It is run by Dnyan Prabodhini Mandal, Panaji-Goa. Prof. G.M. Kale is the Principal of the College.

Teaching and Research Staff:

1. **Mr. G.M. Kale, M.A.**
Principal
2. Mr. Jagmohan Singh, M.A.
Lecturer
3. Mr. F.M. Nadaf, M.A.
Lecturer
4. Mr. Vividh Pawaskar, M.A.
Lecturer
5. Mr. B.P. Raikar, M.A.
Lecturer
6. Mr. M.L. Path, M.Sc.
Lecturer
7. Miss N.B.N. Gaonkar, [M.Com.](#)
Lecturer
8. Mrs. A.P.R. Desai, M.A.
Lecturer

Library:

Total No. of text books	150
Reference books	50
Periodicals	5

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

Cultural Activities:

An Elocution competition was organised on 30th November, 1993, wherein Miss Sumitra Quilonkar of F.Y.B.A. had won the first place. Miss Sapana Phal Desai of F.Y.B.Com. and Mr. P. Loliengar of F.Y.B.A. won the second and third place respectively. On 11th December, 1993, the College had organised a quiz competition in which a group comprising of Mr. Acharya Prasanna, Mr. Eric Fernandes and Mr. Ramnath Gayak, all of F.Y.B.Com. got the first place. Mr. Cyril Andrade, Mr. Venkatesh Prabhu and Mr. Sudesh Chyari of F.Y.B.Com won the second place and Mr. P. Loliengar, Mr. D. Gosavi and Miss Melba Dias of F.Y.B.A. got the third place. A singing competition was held on 12.12.1994 - Miss Sapana Phal

Desai of F.Y.B.Com. got 1st place. Mr. Md. Hidayat of F.Y.B.Com. and Miss Shilpa Devidas got the 2nd and 3rd place respectively. In the Dance competition organised by the College, Miss Poonam Bhat, Miss Jeromina & Party got the 1st place and 2nd place respectively. Miss Shushma & Shilpa and Mr. Md. Hidayat got the 1st and 2nd place respectively in the Annual Singing Competition. Mr. Acharya Prasanna & Party and Mr. Anirudh & Party got the 1st and 2nd place in the Annual Play Competition.

In the inter-collegiate competitions held at Govt. College, Quepem, our college got the 1st place in the Group song, 1st place in the Essay writing competition in the quiz competition Mr. Prasanna Acharya & Mr. Eric Fernandes got the 1st place and Mr. Cyril Andrade & Mr. Sanju Naik got the 2nd place.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr
1.	Arts	B.A.	3 years			
			Boys	04		
			Girls	16		
			Total	20		
2.	Commerce	B.Com.	3 3 ^{as}			
			Boys	16		
			Girls	19		
			Total	35		

A-21 GOVT. COLLEGE OF ARTS & COMMERCE PERNEM - GOA.

Govt. College of Arts & Commerce, Pernem, Goa was established in June, 1993, to impart instruction in the approved subjects leading to B.A. & [B.Com.](#) degrees. The College is run by Directorate of Education, Panaji-Goa. Smt. Leela D. Sajane was the Principal of the College upto 20/1/1994, Kum. Neela Kerkar, D.E.O., North Educational Zone, Mapusa has served the institution in the capacity of the Principal from 21-1-1994 to 14-2-1994 and Dr. M.M. Sangodkar is the Principal of the College w.e.f. 15-2-1994. The College however does not provide hostel facilities.

Teaching and Research Staff:

- 1 Miss Arolkar Suchita D., M.Sc.
Lecturer

2. Miss Dangui Samira D., [M.Com.](#), BEd.
Lecturer
3. Shri Kerkar jairam, M.A.
Lecturer
4. Shri Amarnath Panjikar, M.A.
Lecturer
5. Miss Parab Pournima, M.A.
Lecturer
6. Miss Rishbud S.V., M.A.
Lecturer
7. Shri Nimbalkar S.V., M.A.
Lecturer
8. Shri Jakati D.M., M.A.
Lecturer
9. Shri L.G. Phadte, M.A., BEd.
Lecturer
10. Shri A.P. Braganza, M.A., BEd.
Lecturer
11. Shri V.K. Sawant, M.Sc., B.Ed.
Lecturer
12. Shri **B.P.** Naik, [M.Com.](#) B. Ed.
Lecturer

Library:

Total No. of text books 202
 Total No. of Reference books 101
 Periodicals 10

N.C.C., Sports, Debates, Cultural Activities, N.S.S., Educational and Extension work:

N.S.S.:

During the year 1993-94, 53 students enrolled themselves as N.S.S. Volunteers and following activities were conducted:

1. On 9th August, 1993, Vanamahotsava was celebrated.
2. Cleanliness drive was organised jointly with N.S.S. students on 15th August, 1993.
3. On 16th August, 1993, 50th year of the Quit India Movement was celebrated and also an Elocution and Essay competition was organised.
4. On 2nd September, 1993, an Official opening ceremony of the college was held. Students repaired approach road to the college, cleaned the building and made all arrangements for the function.
5. 8th September, 1993 - Bharat Feri- Participated

- in the procession organised by A.D.E.I., Pernem.
6. Gandhi Jayanti was celebrated on 2nd October, 1993. On the same day and Essay Competition was organised on the topic "Environmental degradation in Goa".
7. On 10th November, 1993, our volunteers cleaned up a lake at Pernem. Worked to level Municipal ground, Pernem for two days.
8. On 1st December, 1993, our volunteers cleaned the temple premises at Sarmale, cleaned the stream and reservoir.
9. Our volunteers collected funds for "Earthquake Relief Fund".

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr
1.	Arts	B.A.	3 years			
			Boys	13		
			Girls	11		
			Total	24		
2.	Commerce	B.Com.	3 as			
			Boys	25		
			Girls	7		
			Total	32		

Information about campus development, construction of new buildings, opening of new subjects, course programmes:

The college is presently housed in the Municipal Town Hall and old I.T.I. building, Pernem.

Efforts are on to identify suitable land for the college complex.

B - PROFESSIONAL

B-1. GOA MEDICAL COLLEGE BAMBOLIM-GOA.

Goa Medical College is *ron* by the Government of Goa. It was established in the year 1963. Dr. V. J. Monteiro was the Dean of the College as on 1-7-93, and Dr. W.K. Belokar is the Dean of the College as on 20-4-94. There are 2 hostels available for girl students and 3 hostels available for the boys.

Teaching and research staff:

a) DEPARTMENT OF ANATOMY :

1. Dr. G. J. Bhandari, M.B.B.S.(Bom), M.Sc. (Med) Prof. & Head (Born)
2. Dr. A. V. Mainker, MBBS (Born), M.S. (Anat) Associate Prof.
3. Dr.(Mrs.) M.V. Bargi, MBBS(Bom), M.S. (Anat) Asstt. Prof.
4. Dr. (Mrs.) A.A. Nagersenkar, MBBS(Bom), M.S. Asstt. Prof. (Anal)
5. Dr. P.E. Natekar, MBBS (Born), M.S. (Anat) Lecturer.
6. Dr. (Mrs.) U.P. Bhate, MBBS (Born), M.S. (Anat) Lecturer.
7. Dr. P.R. **Pai**, MBBS(Bom), M.S. (Anat) Demonstrator
8. Dr. (Mrs.) M.P. Dias, MBBS (Born), M.S. (Anat) Demonstrator
9. Dr. (Mrs.) **R.N.** Dubhashi, MBBS (Born), M.S. (Anal) Demonstrator
10. Dr. (Miss) F. D'Souza, MBBS(Bom), M.S. (Anal) Demonstrator

b) DEPARTMENT OF PHYSIOLOGY :

1. Dr. J. F. Mascarenhas, MBBS(Bom), B.Sc. Professor Med.(Bom), M.Sc. Med. (Born)
2. Dr. M.E. Abraham, MBBS (Andhra), **M.D.** Born. Associate Professor
3. Dr. V.K. Mulgaonkar, MBBS (Poona), M.D. (Born) Asstt. Professor
4. Dr. A.S. Borker, MBBS(Bom), M.D. (Born) Asstt. Professor
5. Dr. Frida Monteiro, MBBS(Bom), **M.D.** (Born) Lecturer.
6. Dr. A. Noronha, MBBS (Shivaji), M.D. (Born) Demonstrator
7. Dr. S.D. Sahakari, MBBS(Bonn), M.D. (Born) Demonstrator
- & Dr. M.D. Nagvekar, MBBS(Karnataka), M.D. (Born) Demonstrator
- 9 Dr. J. P. Pednekar, MBBS(Bom), M.D. (Born) Demonstrator 2 Dr. S. Chakrabarti, MBBS. Associate Professor

10. Dr. S.R. Sardesai, MBBS(Bom), M.D. (Goa) Demonstrator

C) DEPARTMENT OF BIOCHEMISTRY :

- 1 Dr. S. Pamnani, MBBS, M.D. Professor
sha A. Naik, MBBS, M.D. Lecturer
4. Dr. P.P. Nadkarni, MBBS, M.D. Lecturer
5. Dr. Bhaviesh Shah, MBBS, M.D. Demonstrator.

d) DEPARTMENT OF PATHOLOGY :

- 1 Dr. Suzette Menezes, Medico Cirurgiao, MBBS, Professor & Head M.D. (Path & Bact.)
- 2 Dr. Nisha S. Nadkarni, MBBS, M.D. (Path & Bad.) Associate Professor
3. Dr. Roque G.W. Pinto, MBBS, M.D. (Path), D.N.B. Assistant Professor
4. Dr. M.V. Mallaya, MBBS., M.D. (Path) D.N.B. Lecturer.
5. Dr. Avril I. Dias, MBBS, M.D. (Pathology) Lecturer.
6. Dr. Francisco Couto MBBS, M.D. (Pathology) Lecturer
7. Dr. Premila D'Souza Rocha, MBBS, M.D. Demonstrator (Pathology)
8. Dr. Suresh Mandrekar, MBBS, M.D. (Pathology) Demonstrator.

e) "DEPARTMENT OF PHARMACOLOGY :

- 1 Dr. V.G. Dhume, MBBS, M.D. (Pharmacology) Professor
- 2 Dr. N.V. Agshikar, MBBS, M.D. (Pharmacology) Professor
3. Dr. R.S. Diniz D'Souza, MBBS, N.D. Asstt. Professor (Pharmacology)
4. Dr. Shanta S. Hede, MBBS. M.D. (Pharmacology) Lecturer
5. Dr. J.S.C. Pereira, MBBS. M.D. (Pharmacology) Lecturer

6. Dr. Sushama A. Bhounsle, MBBS, M.D.
Demonstrator (Pharmacology)
7. Dr. Padma N. Bhandare, MBBS. M.D. D.G.O.
Demonstrator (Obst & Gyn.)
8. Dr. P.V. Rataboli, MBBS. M.D.
Demonstrator.

f) DEPARTMENT OF FORSINIC MEDICINE:

- 1 Dr. B.N. Reddy, MBBS. M.D. (Forsenic Medicine)
Prof. & Head

Dr. M.S. Usgaonkar, MBBS. D.F.M. M.D.
Asstt. Professor (Forsenic Medicine)
- 3 Dr. E.J. Rodrigues, MBBS. M.D. (Forensic
Demonstrator Medicine)

9) DEPARTMENT OF MICROBIOLOGY:

- 1 Dr. (Mrs.) M.P. Verenkar, MBBS. M.D. (Path & Bact.)
Prof. & Head
- 2 Dr. Savio Rodrigues, MBBS. M.D. (Micro)
Asstt. Professor
3. Dr. Venkatesh Naik, MBBS. M.D. (Micro)
Demonstrator
4. Dr. (Mrs.) Meena Kharangate, MBBS. M.D. (Micro)
Demonstrator
5. Dr. Maria Jose W. Pinto, MBBS. **M.D.** (Micro)
Demonstrator

h) DEPARTMENT OF MEDICINE :

- 1 Dr. C.P. Kapoor, MBBS., M.D.
Prof & Head

Dr. N.G. Dubhashi, MBBS., M.D.
Assoc. Prof.
3. Dr. (Mrs.) L. Kannat, MBBS., M.D.
Asstt. prof.
4. Dr. S. Y. Natekar, MBBS., M.D.
Assn. prof.
5. Dr. R. Monteiro, MBBS., M.D.
Asstt. Prof.
6. Dr. Edwin Gomes, MBBS., M.D.
Lecturer.

i) DEPARTMENT OF PAEDIATRICS :

- 1 Dr. H. Bhujanga Rao, MBBS (Andhra), M.D. (AI IMS),
Post Doctoral Fellow in Paediatric Endocrinology,
State University of New York, Paediatric Resident,
State Univ. of New York/USA.
Prof. & Head. 2 Dr. (Mrs.) Philomena Pereira
D'Souza,

- Associate Professor MBBS., M.D.
- 3 Dr. (Mrs.) M. P. Silveira, MBBS., M.D. (Paed)
Lecturer.

j) DEPARTMENT OF SURGERY :

- 1 Dr. W.K. Belokar, MBBS, M.S. (Gen. Surgery)
Professor M.Ch. (Urology), F.I.C.S.
- 2 Dr. Vasco D'Silva, MBBS., M.S. (Gen. Surg.),
Assoc. Prof. F.I.C.S.
3. Dr. Oswald De Sa, MBBS., M.S. (Gen. surg.)
Asstt. prof.
4. Dr. A. N. Jadhav, MBBS., M.S. (Gen. surg.)
Asstt. Prof.
5. Dr. Dilip P. Amonkar, MBBS, M.S. (Gen. surg.)
Asstt. Prof.
6. Dr. F.P. Noronha, MBBS., M.S. (Gen. surg.)
Lecturer
7. Dr. Jude Rodrigues, MBBS., M.S. (Gen. surg.)
Lecturer **D.N.B.** (Gen. surg.)

k) DEPARTMENT OF ANAESTHESIOLOGY:

- 1 Dr. R. N. Shetti, MBBS., D.A. (Anaes),
Professor M.S. (Anaes), F.I.C.S. (Anaes)
- 2 Dr. (Mrs.) Marilyn P. Nazareth, MBBS., **D.A.**
Assoc. Prof. (Anaes), M.D. (Anaes)
- 3 Dr. (Mrs.) Dalia D. Bhandare, MBBS., D.A.
Lecturer (Anaes), M.D. (Anaes)
- 4 **Dr. S.V. Korgaonkr**, MBBS, D.A.(Anaes), **M.D.**
Lecturer (Anaes)
- 5 Dr. Shaila Kamat, MBBS., D.A.(Anaes), M.D.
Lecturer (Anaes)
- 6 Dr. Leena Goel, MBBS., **M.D.** (Anaes)
Registrar cum Anaesthetist

l) DEPARTMENT OF OPHTHALMOLOGY :

- 1 Dr. Pradeep G. Naik, M.S. (Ophth) (Born Univ.),
Prof. & Head DOMS (CPS), FIGS
- 2 Dr. Ugam P.S. Usgaonkar, M.S. (Ophthalmology)
Asstt. Prof.

m) DEPARTMENT OF TB & CHEST DISEASES:

- 1 **Dr. A.S. Bagga**, M.D., T.D.D.
prof. & Head

Dr. A.M. Mesquita, M.D.
Associate Professor.

3. Dr. Durga Lawande, M.D.
Asstt. prof.
4. Dr. A.L. Da Costa, M.D.
Lecturer
5. Mrs. Milan Saudagar, M.Sc. (Botany)
Palynologist

n) DEPARTMENT OF E.N.T.

- 1 Dr. C.P. Das, MBBS., M.S. (E.N.T.)
Prof. & Head.
- 2 Dr. H.C. Goel, MBBS, M.S. (E.N.T.)
Asstt. Prof.

n) DEPARTMENT OF SKIN & V.D.

- 1 Dr. V.L. Rege, M.D., DV.D.
Professor & Head.
- 2 Dr. (Mrs.) M.F. Mascarenhas, D.D.V. D.N.B.
Asstt. Professor

o) DEPARTMENT OF PSYCHIATRY :

1. Dr. J.M. Fernandes, MBBS, M.D. (Psys. Medic.)
Prof. & Director Offg.
2. Dr. P.J. Dukle, MBBS. D.P.M., M.D. (Psys. Med.)
Medical Superintendent.
3. Dr. D.S. Kukalekar, MBBS., D.P.M., M.D. (Psys. Med.),
Life fellow of Indian Psychiatric Society.
Community Psychiatrist.
4. Dr. Medhavini Sawardekar, MBBS., D.P.M., M.D.
Lecturer
5. Dr. Maria Y. Da Silva Pereira, MBBS., M.D.
Lecturer.

P) DEPARTMENT OF PREVENTIVE & SOCIAL MEDICINE :

- 1 Dr. S.B. Dixit, M.D., FIAPSM, FIPHA., F.R.S.H.
Prof. & Head (Lon.)
Dr. A.M.A. Ferreira, M.D. D.N.B.E.
Asstt. prof.
- 3 Dr. K.A. Quenim, M.D. D.C.H.
Lect. cum Epidemiologist.
- 4 Mr. Vidal D'Souza, M.A., D.P.E., D.P.H.Ed.
lecturer.
- 5 Dr. Shivanand Priolkar, M.D., D.N.B.E., D.H.A.
Demonstrator.

Library :

Total No. of books... 12646 Total No. of Journals
86

Total No. of bound volumes ... 9679

Information about Research projects completed and seminars/workshops held by the College :

a) DEPARTMENT OF PHYSIOLOGY :

1. Dr. J. F. Mascarenhas has completed a project on sources of stress and coping abilities in preclinical medical undergraduates in Indian Journal of Social Psychiatry. Attended a seminar on Continuing Medical Education (CM E) in Anaesthesiology and participated in the symposium on Pain Relief on 16th and 17th April '94 held in GMC, Bambolim as a part of Anniversary Celebration of Indo-American Workshop on Anaesthesia update. Also attended and Chaired the session on Yoga and stress at the 39th APR Conference at Trivandrum.
2. Dr. M.E. Abraham, Dr. Frida Monteiro and Dr. S.D. Sahakari have done a project on Sources of stress and coping abilities in preclinical medical undergraduates in Indian Journal of Social Psychiatry. Dr. S.D. Sahakari and Dr. S.R. Sardesai have done a project on Effect of REM Sleep deprivation on Body Temp. body wt. food intake & organ wts. in alcoholic rats.
3. Dr. V.K. Mulgaonkar and Dr. J.P. Pednekar have completed a project on Effect of testosterone on pain threshold in male rats.
4. Dr. A. Noronha and Dr. M.D. Nagvekar completed a project on Influence of Place learning task training in the processess of regeneration, reorganisation and functional plasticity of hippocampal tissue and incorporation of hippocampal tissue transplants in the lesioned forebrain of the rats.

b) DEPARTMENT OF BIOCHEMISTRY :

1. Dr. S. Pamnani has completed a project on Biochemical changes in Chronic renal failure. Presented a paper at conference A.I.C.B. pune on 'Biochemical adaptation in trained athletes'
2. Dr. S. Chakrabarti has completed a research project supported by R.D. Birla Smarak Kosh on erythrocyte Damage is completed. Completed a research project supported by R.S.I. entitled 'The effects of undernutrition on Protein Phosphorylation in Developing rat brain'.
3. Dr. P.P. Nadkarni has completed a research project supported by R.S.A. India on 'The effects of undernutrition on Protein Phosphorylation in developing rat brain.

C) DEPARTMENT OF PATHOLOGY :

1. Dr. Suzette Menezes has completed a research project on FNAC of Lymph Node Lesions : Its Utility and Limitations, attended a workshop on AIDS conducted & sponsored by Positive people (Legal, Social & Community aspects) on 4-8-93 at Hotel Mandovi. She was one of the delegates to 34th Annual Conference of Indian Society of Gastroenterology and liver studies from 14th to 17th Oct., 1993 at Cidade de Goa, attended the 38th All India Conference of IPHZA from 21st - 23rd January '94 at Hotel Fidalgo.

She has also attended the training of Physicians responsible for IADS management from 14th to 15th April, 1994 at Hotel Fidalgo.

2. Dr. Nisha S. Nadkarni has completed a research project on the role of Endoscopic Biopsies in the diagnosis of gastroesophageal lesions, attended a workshop on Bone Tumours at Kidwai Memorial Institute of Oncology Bangalore from 22-7-93 to 24-7-93 and another on AIDS conducted & sponsored by Positive People (Legal, social & community aspects) on 4-8-93, and IMA Conference in Sept., 1993. She was a delegate to 34th Annual Conference of Indian Society of Gastroenterology and liver studies from 14- 17th Oct., 1993 at Cidade de Goa.
3. Dr. Roque G. W. Pinto attended a workshop on Bone Tumours from 22nd to 24th July, 1993 at Kidwai Memorial Institute of Oncology. He was a delegate at the 23rd Annual Conference of Indian Academy of Cytologists from January 20 - 31, 1994 at Trivandrum and presented a research paper. He attended a preconference workshop of Indian Academy of Cytology on January 28th, 1994 at Trivandrum on "Fluid Cytology".
4. Dr. M.V. Mallaya has attended a workshop on
 - a) XI C.M.E. in Pathology held at J.N. Medical College, Belgaum, from 9th to 11th June, 1993.
 - b) Skeletal Muscle Disorder held at J.N. Medical College, Belgaum on 12/6/93.
- Q ~~Dr. M.V. Mallaya~~
Oncology, Bangalore from 22-7-93 to 24-7-94.
- d) AIDS sponsored by Positive people.
- e) Preconference workshop on "Effusion & Fluid Cytology" of XXIII Annual Conference of Indian Academy of Cytology at Trivandrum on 28-1-94.
- f) Delegate at XXIII Annual Conference of Indian Academy of Cytology, at Trivandrum on 29th & 30th

Jan., 1994 and presented research paper.

5. Dr. Avril I. Dias has attended a workshop on AIDS conducted and sponsored by Positive people (legal, social & community aspects) on 4-8-93.
6. Dr. Francisco Couto attended a seminar on XI CM E in Pathology held at J.N. Medical College, Belgaum. He attended workshop on "Skeletal Muscle Disorders" at J.N. Medical College, Belgaum, and another workshop on "Bone Tumours" held at Kidwai Memorial Institute on Oncology, Bangalore. Workshop on AIDS, sponsored by Positive people on 4-8-93. He also attended workshop on Bone Marrow & Peripheral Smear Examination held at XXXIV Annual Conference of Indian Academy of Oytology at Trivandrum held from 29-1-94 to 30-1-94 he presented a research paper.
7. Dr. Suresh Mandrekar has completed a research project on Role of Fine Needle Aspiration Cytology as initial modality in investigation of Thyroid Lesions. He attended a seminar in XI CME in Pathology held at J. N. Medical College Belgaum and a workshop on Diagnostic Approach to Coagulation Disorders at Government Medical College, Nagpur.

d) DEPARTMENT OF PHARMACOLOGY :

1. Dr. V.G. Dhume has completed a research project on screening of marine products with a view to develop potential drugs.
2. Dr. N.V. Agshikar has completed a research projects on Effect of combining non-steroidal anti-inflammatory agents.
3. Dr. R.S. Diniz D'Souza has done a research projects on Elucidation of mechanisms of gastric cytoprotectants and attended a seminar on Opioid receptors.
4. Dr. J.S.C. Pereira has done a research project on Effect of marine extracts on isolated biological systems and attended a seminar on G-proteins.
5. Dr. S.A. Bhounsle has done a research projects on Effect of opioids on ethanolinduced lesions and attended a workshop on Drugs in glaucoma.
6. Dr. P.N. Bhandare has completed a research project on Role of nitric oxide in gastric cytoprotection and attended a workshop on pharmacogenetics.
7. Dr. P.V. Rataboli has done a research project on Monitoring of adverse drug reactions in hospitalised

patients and attended a workshop on Potassium channels - Physiology & Pharmacology.

e) DEPARTMENT OF MICROBIOLOGY :

1. Dr. (Mrs.) M.P. Verenkar, Dr. Savio Rodrigues and Dr. Venkatesh Naik attended a seminar held by the Department on every 15th day.

f) DEPARTMENT OF MEDICINE :

1. Dr. C.P. Kapoor has completed a research project on Role of CT Scan in Epilepsy and CVA and attended the Annual Conference of I.S.G.
2. Dr. N.G. Dubhashi has completed a project on Clinical study of Tetanus and attended the Annual Conference of I.S.G.
3. Dr. (Mrs.) L. Kamat has done a research project on Clinical Microbiological profile and management of Typhoid fever and attended the Annual Conference of I.S.G.
4. Dr. S.Y. Natekar has attended the Annual Conference of I.S.G.

g) DEPARTMENT OF PAEDIATRICS :

1. Dr. H. Bhujanga Rao has guided M.D. (Ped.) Dissertation and held a Workshop on Baby Friendly Hospital Initiative with UNICEF support.
2. Dr. (Mrs.) Philomena Pereira D'Souza has guided M.D. thesis and held a workshop on Baby Friendly Hospital Initiative with UNICEF support.
3. Dr. (Mrs.) **M.P.** Silveira held a workshop on Baby Friendly Hospital Initiative with UNICEF support.

h) DEPARTMENT OF SURGERY:

1. Dr. W.K. Belokar has attended seminars/workshops on the following :
 - i) Restructuring of UG training in Family Welfare in Medical Colleges in India, NIHF, New Delhi.
 - ii) Development of Oncology Wing in Medical Colleges, Kidwai Memorial Institute of Oncology, Bangalore;
 - iii) Administrative skills for Excellence, Institute of Management Training & Research, Margao.
 - iv) Hospital Administrative, Planning & Management of Medical Care & Hospital Services, V.M. Med. College, Solapur.
2. Dr. Vasco D'Silva attended the WHO workshop on Essential drugs at Manipal in Sept. 1993. He also

attended the 34th Annual Conference of the Indian Society of Gastroenterology.

3. Dr. Oswald De Sa attended the 34th Annual Conference of the Indian Society of Gastroenterology.

I) DEPARTMENT OF ANAESTHESIOLOGY:

The department of Anaesthesiology hosted a Workshop on Ventilatory Therapy on 16th & 17th April, 1994 as part of Anniversary Celebration of Indo-American Workshop on Anaesthesia Update.

i) DEPARTMENT OF OPHTHALMOLOGY :

Dr. Pradeep G. Naik has completed a research project on Clinical Drug Trial of Solution Diclofenac eye drops and attended a seminar on IOL implantation in Cataract surgery and Glaucoma update.

k) DEPARTMENT OF TB & CHEST DISEASES:

1. Dr. A.S. Bagga has completed a research project on Efficiency and safety of Cefodizine in LRTI's and Efficacy and safety of Azithromycin in LTRI's.
2. Dr. A. M. Mesquita has completed a research project on Serum Zinc levels in Pulmonary Tuberculosis and Incidence of diabetes in pulmonary Tuberculosis.

J) DEPARTMENT OF SKIN & V.D. :

1. Dr. V.L. Rege has completed a research project on study of bone changes in leprosy and Clinical-serological experience with VDRL and TPHA. The Department organised CME in collaboration with Kasturba Medical College, Manipal in the month of Dec., 1993.

m) DEPARTMENT OF PSYCHIATRY :

„Dr. J.M. Fernandes has completed a research project on Child Guidance Clinic in epidemiological study.

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

Sports : Ground facilities

- i) One Basketball ground
- ii) One Volleyball ground
- iii) Two Outdoor badminton courts
- iv) Two T.T. Tables.

The college is conducting and sending teams to represent Goa Medical College in Inter-college tournaments and other activities like Table Tennis, Hockey, Badminton, Cycling, Volleyball, Weight lifting, Football, Power

lifting, Basketball, Swimming & Athletics.
Results of the College percentage wise :

APRIL '93

	No. of students appeared		No. of students passed		%
	Boys	Girls	Boys	Girls	
I MBBS	7	10	6	8	82.35%
II MBBS	45	26	36	25	85.35%
III MBBS(Part I)	24	26	21	25	92.00%
III MBBS	22	19	11	9	48.78%
DPH (Part II)	1	2	1	1	66.66%
DA		1			
DVD		1		1	100.00%
DMRD (Part I)		1		1	100.00%
DMRD (Part II)		1		1	100.00%
DPH (Part I)		1	1		100.00%
M.D.	3	5	1	4	
M.S.	3	2	3	2	100.00%

OCTOBER '93

	No. of students appeared		No. of students passed		%
	Boys	Girls	Boys	Girls	
I MBBS	35	36	28	26	76.05%
II MBBS	17	2	9	2	57.89%
III MBBS(Part I) III	6	6	4	6	83.33%
MBBS (Part II)	22	19	11	9	48.78%
DCH	3	1	3	1	100.00%
DA	1	1	1	1	100.00%
DMRD (Part I)		1		1	100.00%
DMRD (Part II)		1		1	100.00%
DPH (Part II)	2	1	1	1	66.66%
M.D.	8	9	7	7	82.35%
M.S.	2	2	2	2	50.00%

APRIL '94

	No. of students appeared		No. of students passed		%
	Boys	Girls	Boys	Girls	
	8	4	3	3	50.00%
I MBBS	42	22	34	22	87.50%
II MBBS	38	26	36	23	92.18%
III MBBS(Part I)	12	20	3	10	40.62%
III MBBS (Part II)	8	4	3	3	50.00%
III MBBS	1		1		100.00%
DPH (Part I)		1		1	100.00%
DPH (Part II)		2			
DMRD (Part II)		2		2	100.00%
DCH		2		2	100.00%
DVD	1				
DPM	2	9	2	8	90.90%
M.D.	5		3		100.00%
M.S.					

Publications :

a) DEPARTMENT OF PHYSIOLOGY :

- Dr. J.F. Mascarenhas published the following papers:
 - Role of Caudate Nucleus on Modulation of Blood pressure Responses in cats, *Ind. J. Physiol. Pharma.* 37(1) ; 40-44; 1993.
 - Effect of interaction between glucose or sodium chloride ingestion and ovarian hormones on some endocrine organs in rats, *Ind. J. Physiol. pharmacol.* 37 (1): 75-78; 1993.
 - Effect of stress on organ weights in rats. *Ind. J. Physiol. pharmacol.* 37(2); 104-108; 1993.
 - Effect on intensity and duration of stress on male sexual behaviour in rats. *Ind. J. Exp. Biol.* 31; 638-640; July, 1993.

- Role of striatal dopamine in the Lordosis Behaviour *Ind. J. Physiol pharmacol.* 37(4); 333-336; 1993.

He presented the following papers at the 39th Annual Conference of APPI held in Trivandrum in December, 1993.

- Effect of stress on body weight and ingestive behaviour in rats. *Ind. J. Physiol. pharmacol;* 37(5); suppl. 1993 pg. 49.
- Effect of testosterone on pain in threshold in male rats. *Ind. J. Physiol. pharmacol;* 37(5); suppl. 1993 pg. 74.
- Coping abilities of alcoholic rats to stress. *Ind. J. Physiol. pharmacol;* 37(5); suppl. 1993 pg. 95.

b) DEPARTMENT OF BIOCHEMISTRY :

Dr. S. Chakrabarti, Dr. Asha A. Naik and Dr. P.P. Nadkarni presented papers communicated to *Ind. J. Medical Research and Biochem. Mol. Biol. International.*

C) DEPARTMENT OF PATHOLOGY :

- Couto F, Nadkarni N.S. & Rebello M.J. "Ovarian Tumours in Goa: A Clinico-pathological study: *Journal of obstetrics & Gynaecology of India*, Vol. 43, No. 3, June, 1993, pages 408-412.
- Pinto R.G.W., Verenkar J.A., Gawde G, Dias A. Menezes S and Nadkarni N : "Congenital Adenomatoid Malformation of Lung : A case report" *The Indian Journal of Pathology & Microbiology* Vol. 36, No. 4, October, 1993, pgs. 474-476.

C) DEPARTMENT OF PHARMACOLOGY :

Altogether six papers were sent for publication by the department of pharmacology.

d) DEPARTMENT OF MICROBIOLOGY :

- 1 Dr. (Mrs.) M.P. Verenkar Dr. Savio Rodrigues and Dr. Venkatesh Naik have sent the paper for publication on *Aeromonas* species & *pleisiomonas shigelloides* in diarrhoea in Goa. and on Cholera epidemic in Goa.
- 2 Dr. Maria Jose W. Pinto have presented the paper on Cholera epidemic in Goa for publication.

e) DEPARTMENT OF MEDICINE :

- 1 Dr. S.Y. Natekar have presented the paper for publication on Primary Peritonitis in Cirrhosis of liver.

Echocardiographic evidence of left ventricular hypertrophy in hypertension.

f) DEPARTMENT OF ANAESTHESIOLOGY:

- 1 "Evaluation of Etomidate" by Dr. R.N. Shetti and Dr. S.V. Korgaonkar (Indian Society of Anaesthetist Journal, August, 1993)

- 2 a) "Risk & Outcome in Anaesthesia practice"
b) "Anaesthetic Audit" (Indo-American Workshop on Anaesthesia Update 1993. Jointly organised by Medical Council of India and Department of Physician of India and American of Physician of India and Department of Anaesthesiology. PROCEEDING - AUGUST, 1993) by Dr. R.N. Shetti.

g) DEPARTMENT OF TB & CHEST DISEASES:

1. Cashew pollen allergy in cases of allergic bronchial asthma. Allergy testing in bronchial asthma and Oncocytoma of the lung by Dr. A. M. Mesquite.

h) DEPARTMENT OF E.N.T. :

1. Adenoid cystic carcinoma of nose/Bihar Journal of Otolaryngology and Angiofibroma in adult female/Pakistan Journal of otolaryngology by Dr. C.P. Das. and Dr. H.C. Goel.

i) DEPARTMENT OF SKIN & V.D. :

- 1 Profile of Genital Sores in Goa by Dr. V.L. Rege Published in Ind. J. of sexually Transmitted Diseases, June, 1993 and Osteomyelitis presenting as a Genital sore by Dr. (Mrs.) M.F. Mascarenhas published in Genitourinary Medicine, Dec., 1993. She also published an article on Dapsone Syn-

drome in Goa - published in Ind. J. of Leprosy, March '94.

Information about campus development, construction of new buildings, opening of new subjects, course programmes :

The reins of Goa Medical College have been passed on from Dr. V.J. Monteiro to Dr. W.K. Belokar, professor and Head, Department of Surgery. His surgical skills reflect in his administrative acumen. Under his stewardship, the Bambolim complex will soon have a new outlook.

The expansion work is progressing as per schedule. The Department of Paediatrics excluding Neonatology, Medical Records Division and Central stores have been shifted from Panaji to Bambolim. A Medi-centre (Chemist's shop) and a coffee counter adorn the O.P.D. Block.

The Affiliation Inquiry Committee of Goa University has after satisfactory inspection, recommended a further extension of affiliation to the Diploma courses in Pediatrics (DCH) and Obst. & Gynaecology (DGO) for two years. Post-graduate teaching programme in various specialities has been satisfactory. The Post-graduate degree of M.D. in Pharmacology of this University is now included in the 1st Schedule of the medical Council of India Act, 1956. Results of under-graduate and post-graduate examinations have been complimentary to the efforts of our students. The efforts of the teachers towards guiding the students in their goal are exemplary.

The students of Goa Medical College have not stayed away from the extra-curricular activities at the college or University levels. They have actively participated in almost all events organised by the student community in the state.

B-2 GOA COLLEGE OF PHARMACY, PANAJI - GOA.

The College was established in the year 1963. It is managed by the Government of Goa to impart instruction in the subjects leading to B.Pharm degree. Prof. J. Emmanuel who is also the Professor of Technology is the Principal of the College. As regards hostel facilities, there is one hostel each for girls and boys.

Teaching and research staff :

- 1 Prof. J. Emmanuel, B.Sc., B.Pharm., M.Pharm., Principal.
- 2 Dr. R. V. Gaitonde, B.Pharm., M.Pharm., Ph. D. **Professor.**

3. Dr. R.V. Tamba, B.Sc., M.Sc., Ph.D.
Professor
4. Dr. B.S. Nath, B.Pharm., M.Pharm., Ph.D.
Professor.
5. Shri. R.G. Bhatkar, B.Pharm., M.S.
Asstt. Professor.
6. Shri S.D. Phandis, B.Pharm., M.Pharm.
Asstt. Professor.
7. Shri D.M. Shingbal, B.Pharm., M.Pharm.
Asstt. professor.
8. Shri S.G. Bale, B.Sc., (Hons), B.Sc. (Tech)
Asstt. professor.
9. Shri K. Satyanarayana, B.Pharm., M.Pharm.
Asstt. Professor.
10. Shri S.S. Amonkar, B.Sc., B.Pharm., M.Pharm.
Lecturer.
11. Shri M.G. Pai, B.Pharm., M.Pharm.
Lecturer.
12. Smt. M.P. Bhohe, B.Pharm., M.Pharm.
Lecturer.
13. Shri R.V. Keny, B.Pharm., M.Pharm.
Lecturer.
14. Shri A. Menezes, B.Pharm., M.Pharm.
Lecturer.
15. Smt. M.H.S. Godinho, B.Pharm., M.Pharm.
Lecturer.
16. Kum. L.P. Almeida, B.Pharm., M.Pharm. Lecturer.

Details of Research/Masters students :

Name of the Guiding teacher	No. of students
Dr. R.V. Tamba	01
Dr. B.S. Nath	04
Shri S.D. Phandis	03
Shri D.M. Shingbal	02

Library :

Total No. of text books & Reference books	4163
Periodicals	06
Academic 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 1993-94			
				1st yr.	2nd yr.	3rd Yr-	4th Yr-
1.	Pharmacy (Technology)	B.Pharm.	4 years				
			Boys	11	10	12	05
			Girls	15	18	18	14
		Total		26	28	30	19

Results of the College percentage-wise :

March - April, 1993	82%
July, 1993	87.5%
March - April, 1994	84%

B3 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 5 boys and 1 girls hostel each looked after by a Hostel Superintendent and adequate subordinate staff. The students capacities are 120, 120, 112, 120 and 90 respectively. Students have been actively participating in the hostel affairs. Each of the hostels have elected representatives in the form of General Secretary. Hostel mess Secretary and wing perfects. Hostels 11, 111, IV and Girls Hostel have messes run on no profit no loss basis by the students and are assisted by one mess supervisor each. The inmates of Hostel I are allowed to join Hostel 11/1V as per their choice for boarding.

Teaching and research Staff :

1. Dr. **Raghunath S.** Karmarkar, B.E., **M.E.** Civil., Professor. Ph.D.
2. Shri S.V. Ramchandran, B.E. Civil, M.Sc. (Struc. Asstt. Principal Engg.) Ph.D. Engg. Mech.
3. Shri S.B. Sheldarkar, B.E. Civil, M.Tech in Asstt. Professor Engg. Sc.
4. Shri R. Velingiri, B.Sc., B.T., M.Sc., Ph. D. Asstt. Professor.
5. Shri A.M. Deshmukh, B.Sc., M.E. Civil, Ph.D. Professor.
6. Capt. Prakash R. Mutgi, B.E. M.E. Civil Lecturer.

7. Shri S.N. Betagari, B.E. (Civil)
Lecturer.
 8. Shri C.S. Gokhale, B. E. (Civil)
Lecturer
 9. Shri K.G. Gupta, B.E. (Civil), M.E. (Civil)
Lecturer.
 10. Shri R.M. Cherian, B.E. (Civil), M.E. (Civil)
Lecturer.
 11. Shri Sreekumar S., B.E. (Civil), M.D.,
Lecturer
 12. Shri N.D. Goswani, M.A. (Economics)
Lecturer.
 13. Shri Addapa Jalihal, M.Sc. (Geology)
Lecturer.
 14. Shri J.P. Bhat, M.A., Ph.D.
Lecturer.
 15. Shri P.D. Pai, B.E. (Civil), M.E. (Civil)
Asstt. Prof.
 16. Shri A.K. Srivastava, B.E.(Elect.) M.E.
Principal.
 17. Shri S.N. La11, B.E. (Elect.), M.E., Ph.D.
Professor.
 18. Smt. J. Kamal, B.E. (Electrical)
Asstt. Lecturer
 19. Shri V.K. Joseph, B.E. (Electrical)
Asstt. Prof.
 20. Shri V.N. Shet, B.E. (Electrical)
lecturer.
 21. Smt. Jaimal Thomas, B.Sc., (Engg.)
Lecturer.
 22. Shri G.R. Kunkolienkar, B.E. (Electrical)
Lecturer.
 23. Smt. T. Krishnakumari, B.E. (Tech.) (Elect.)
Lecturer.
 24. Smt. Chanda Pathak, B.Sc. (Engg.)
Lecturer.
 25. Shri D.N. Habbu, M.Sc., M.Tech.
Lecturer.
 26. Smt. F. Rodrigues, M.A., B.Ed.
Lecturer.
 27. Dr. B.L.N. Sastry, B.E. (Mech.), M.Sc. (Engg.),
Professor Ph.D.
 28. Dr. A.R. Naik, B.E. (Mech), M.Tech. (Mech) Ph.D.
Asstt. Prof.
 29. Prof. G.K. Pacholi, B.E. (Hons) Dr. Tech. (Budapest)
F.I.E. (India) Chartered Engineer, MISTE/M1SME.
Professor
 30. Dr. R.L. Shanbhag, B.E. (Mech.), M.E. (Mech),
Professor Ph.D.
 31. Prof. U.M. Prabhudesai, B.E. (M), M.E.(M)
Workshop Superintendent.
 32. Prof. C.S. Hadimani, B.E.(Mech), M.E. (Mech)
Asstt. Professor.
 33. Prof. A.M.K. Poduval, B.Sc. Engg. (Mech), M.Sc.
Asstt. Professor Engg. (Mech.) Termal.
 34. Prof. Uday Amonkar, B.E. (Moth) M.E. (I.E.)
Asstt. Professor.
 35. Prof. A.D. Telang, B.E. (Hons) Mech. M.Tech.
Asstt. Prof. (Design Engg.)
 36. Prof. J.J. Goliwadekar, B.Sc. B.E.(Mech),
Lecturer M.Tech. (Prod. Engg.)
 37. Prof. M.G. Kulkarni, M.Sc. Chemistry
Lecturer
 38. Prof. M.H. Dani, B.E.(M), M.E. (M)
lecturer
 39. Prof. D.V. Shirodkar, B.E. (M), M.E. (1E)
Asstt. Workshop Suptd.
 40. Prof. V. Mariappan, B.E.(M), M.E. (1E)
Lecturer.
 41. Prof. George Easaw, B.E.(M), M.E. (1E)
Lecturer.
 42. Prof. Pradip Bhandankar, B.E. (M), M.E (M)
,Lecturer.
 43. Prof. A.A. Siddiqui, B.Sc. Engg. (M)
Lecturer.
- Staff of Electronics & Telecommunication**
Dept.:
1. Dr. K.R. Pai, B.E. (Elect) Engg., M.Tech.
Professor (Physical Engg.) & Device Ph.D.
 2. Shri P. Raja, B.E. (Electronic & Commn.), M.E.
Asstt. Prof. (Communication System)
 3. Shri K.G. Bendre, B.E. (Electronics & Comm)
Lecturer.

- 4 Shri Alexio D'Costa, B.E. (Electronics & Commn) Lecturer.

Staff of Computer Engineering Department :

- 1 Dr. R.P. Adgaonkar, M.Tech., Ph.D. Prof. & Head.
- 2 Prof. R.C. Behere, M.E. (Comp) Engg., Asstt. Prof.
3. Prof. S.A. Bakal, B.E. (Electronics & Telecommunications) Lecturer
4. Prof. J.A. Laximanarayana, B.E. (Comp.) Lecturer.
5. Prof. A.U. Bapat, B.E. (Comp.) Lecturer
6. Prof. P.R. Dessai, B.E. (Electronics & Communications) Lecturer.

Details of Research/Master students :

- a) Name of the Guiding teacher No. of students

1. Dr. R.S. Karmarkar 4
2. Dr. A.M. Deshmukh 4

23 students have completed the dissertation under the guidance of Dr. R.S. Karmarkar, Professor in Civil Engineering, out of which 21 were declared successful. Similarly, 25 students have completed the dissertation under the guidance of Dr. A.M. Deshmukh, Professor of Civil Engerteering in which all were declared successful.

- b) Name of the guiding teacher No. of students

- | | |
|-------------------|----------------------|
| Dr. B.L.N. Sastry | 3 (Project students) |
| Uday Amonkar | 4 Sem. I Seminar |
| Pradip Bhandankar | 1 Sem. I Seminar |

Library :

Total number of books as on 20/4/94 is 36,950 '
Academic Journals 31

Information about the Research Projects completed by the teachers and Seminars/Workshop held by the College :

- 1 Recent Innovations in Manufacturing;
- 2 Inventory Control of Med. stock of G.M.C.;
3. ISO 9000- under the guidance of Dr. B.L.N. Sastry and co-guidance of Uday Amonkar. In addition to this, several investigative/analytical projects are undertaken at Under Graduate Level.

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 1993-94		
				Boys	Girls	Total
1.	Civil, Mach Electrical, Etc., & Computer.	B.E. S.E.	4 years	129	25	154
	Civil Mechanical Electrical Electronic & T.C. Computer	T.E.		26	16	42
				48		48
				14	05	19
				19	04	23
				23	12	35
	Civil Mechanical Electrical Electronics & T.C. Computer	B. E.		30	6	36
				53		53
				16	05	21
				19	04	23
				21	11	32
	Civil Mechanical Electrical Electronic & T.C. Computer			18	6	24
				51		51
				14	6	20
				18	5	23
				22	11	33

Results of the Colleges p ercentage-wise :

JULY, 1993

Courses	Appeared	Passed	Percentage
B.E. (Civil)	40	37	92.55%
(Mechanical)	38	35	92.01%
(Electrical)	17	13	76.00%
(Electronics & T.C.)	25	23	92.00%
(Computer)	30	30	100.00%

DECEMBER, 1993

B.E. (Civil)	10	08	80.00%
(Mechanical)	11	10	90.90%
(Electrical)	07	05	71.42%
(Electronics & IC)	01	01	100.00%

JUNE, 1994

B.E. (Civil)	31	31	100.00%
(Mechanical)	31	31	100.00%
(Electrical)	13	10	76.92%
(Electronics & TC)	19	19	100.00%
(Computer)	32		

JULY, 1993

M.E.(Foundation Engg.) Sem. III	08	08	100.00%
M.E.(Industrial Engg) Sem. IV	04	03	75.00%
M.E.(Industrial Engg.) Sem IV (Jan. '94)	07	07	100.00%

Publications:

- a) Department of Electronics & Telecommunication: Dr. K.R. Pai, Professor & Head of Electronics & Telecommunication Engineering Department has the following publications to his credit during the period from *June* '93 to may '94.
1. K.R. Pal, K.V.V. Murthy and V. Ramchandran "Analysis and Design of Low-Q and High-Q Filters derived from Complementary Pole-pair Filters", IEEE Internationa symposium on Circuits and systems, London, 30 May - 2 June, 1994.
 2. K.R. Pai, K.V.V. Mu rthy and V. Ramchandran "Pole-paramater Analysis: a novel approach for the Design of Filters", IEE Proc. Circuits Devices, Syts., Vol. 141, No. 2, April, 1994.
- b) Department of Civil Engineering : Following are the publications of Dr. A.M. Deshmukh
- i) Interaction analysis of Plane Frame by FEM, Indian Geotechnical Conference, Feb, 1993, Calcutta, India.
 - ii) Piling around Bombay, 1st IISC National Seminar on Geotechnical Engineering, July, 1993, Bangalore, India.
 - iii) Aanalysis of influence of Flexible Mat on Soft Clay Eight Int. Conf. AC MAG, May, 1994. West Virginia, USA.
 - iv) Influence of Flexible Mat on Settlements of Marine Clay Proc. Settlement '94, Speciality Conference, American Society of Civil Engineers, June, 1994, Texas, USA.

Information about campus development, construction of new buildings, opening of new subjects, course programmes :

- a) Department of Electronics & Telecommunication: The Department of Electronics & Telecommunication Engg. has offered three new Electives, viz. (1) Speech signal analysis and synthesis (2) Bio-medical Electronics (3) Solid State Devices.
- b) Department of Computer Engineering :

- i) Construction of Computer Engineering Department building is in progress and is expected to be completed by the end of 1995.
- ii) Dept. is going to introduce two new Electives subjects namely Digital signal processing & speech processing in Final year of Computer Engineering.
- iii) Department is purchasing Image Processing Equipment, Digital Signal processing Equipment & Local Area Network (LAN) for developing & modernizations of Computer Laboratories.

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 instructions in courses leading to B.Ed. and M.Ed. degrees. The Institute is run by the Nirmala Education Society. Dr. (Miss) J. Fonseca is the Principal of the College. Hostel facilities for students (only girls) have been provided within the campus by an arrangements with the said society of the Daughters of the Heart of Mary.

Teaching and Research Staff :

1. Dr. (Miss) Jenifer Fonseca, B.A., B.Ed., M.Ed., Principal M.A., PhD. in Education.
2. Mr. Vasant G. Prabhu Lawande, B.A., Dip. Ed., Lecturer B.Ed., M.Ed., M.A.
3. Mr. Gil Raul Do Rosario Alberto, B.Sc., B.Ed., Lecturer M.Ed.
4. Miss Beulah Mendez, B.Sc., B.Ed., M.Ed. Lecturer
5. Miss Sharmila Francisca Veloso, B.Sc., B.Ed., Lecturer M.Ed., M.A.
6. Mrs. Rodha Ferrao Almeida, B.A., B.Ed., M.Ed., Lecturer M.A.
7. Mr. Sergio Carvalho, B.A., B.T., M.Ed. Lecturer.
8. Mr. Nicholas Francis D'Souza, B.A., B.Ed., M.A., Lecturer M.Ed.
9. Dr. (Miss) Sugandhi Rasquinha, B.A., B.Ed., Lecturer M.Ed., M.A., Ph.D. in Education
10. Mrs. Kunda A. Borde, B.A., M.A., B.Ed., Sahitya Lecturer Sudhakar, M.Ed.

11. Miss Vida Sequeira, B.A., M.A., B.Ed., M.Ed.
Lecturer.
12. Mr. Denzil F.M. Martins, B.Sc., B.Ed., M.Ed.
Lecturer.
13. Dr. Gopal Chandra Padhan, B.A. in Edu. M.Ed.,
Lecturer
PhD.
14. Mr. R. Nagendra Kumar, B.Sc., B.Ed., M.Ed.
Lecturer

Names of students who have already been declared successful in the Masters examination in May, 1994;

1. Miss Adele Bina Braganza
2. Miss Amita Thakker

Library :

Total number of text books, reference books, periodicals and academic journals in the Library as on 20-4-1994.

Total No. of books	10086
Periodicals	23

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

A research project was conducted by Dr. Jennifer Fonseca entitled "A study of the impact of the Awareness of AIDS on the forecasts made about the consequences of the spread of AIDS in Goa 2003 A.D."

The Principal, Dr. Jennifer Fonseca attended The U.G.C. three week Orientation Programme for College Principals at NIEPA, New Delhi. She visited the D.A.V College and Doon School at Dehra Doon and D.A.V. College at Gandigarh. She also visited Devi Ahilya Vishwa Vidyalyaya at Indore and interviewed M.Ed. students of the Persolanlised Teacher Education Programme.

A three day workshop on Naturalistic Enquiry was organised for the faculty members and M.Ed. students of our college. It was conducted by Dr. B.K. Passi, Professor and Head of Department of Education of Devi Ahilya Vishvavidyalaya, Indore.

Miss S. Veloso presented a Synopsis of the Yash Pal Committee Report to the faculty members.

Mr. Gil Alberto attended a workshop on Effective Communication and Counselling by Dr. Emma Gonsalves at Bangalore, acted as the Director of the Workshop for the Mathematics Teachers of Stds. V, VI, VII conducted by Extension Services of NIE, acted as a Resource person for Microbiology Teachers meet conducted by

Faculty Staff College of Goa University, acted as resource person for the Workshop on Assignments conducted at Khandepar High School, Khandepar.

Mr. Denzil Martins acted as Resource Person at a workshop on assignments at Khandepar High School, Khandepar.

Mr. Nicholas D'Souza assisted in the preparation of the Geography text book of Std. Vat the State Institute of Education.

Mrs. Kunda Borde participated in a workshop for the preparation of the Hindi text book at the State Institute of Education and again at Wardha. The latter was organised by the Central Institute of Hindi, Hyderabad.

Miss Sharmila Veloso delivered lectures in the English language at the Department of Computer Sciences, at Goa University.

A one day Seminar on "Autonomous Colleges" was organised by this college for the Principals and Lecturers of Colleges in Goa.

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

A three day programme on effective Communication and Personality Development was organised for the B.Ed. students at the beginning of the Academic year.

The following were some of the projects carried out by the students :

1. Visit to Sanjay School for the Mentally Handicapped and Deaf.
2. Visit to a Rural Area and display of Charts on tobacco chewing, smoking, drinking, rabies, child-health, etc.
3. Street plays based on the theme of physical and mental torture of the girl child, dowry system, small family, drug addiction, smoking, alcoholism.
4. Visit to the mining area around Shrigao to study the effect of mining on the life of the villagers.
5. Visit to the mining site.
6. Visit to Dudhsagarwater falls.
7. Preparation of folders on trees in Goa and their medicinal value.
8. A study on women's position in the Ethics and the Bible, women's position in Islamic religion, women in Indian History, Education of women in India today, constitutional provisions pertaining to women.

9. Classroom Research Studies.
10. Visit to a printing press.
11. Preparation of visuals on Family life.
12. Environmental camp.
13. Remedial teaching in a secondary school.

The students participated in the Students' Parliament Competition organised by the Govt. of Goa. They also participated in the Quiz organised by the College on the Constitutional of India. Some of the students went on a study tour to Bhubaneshwar, Orissa.

Women's Cell 'Shakti' organised the following programmes :

1. Talk on AIDS
- a Celebration of Women's Day
3. Charts on themes related to women.
4. Community service to the following places;
 - a) Homes for the Aged; b) Clergy Home;
 - C) School for the Mentally Retarded;
 - d) Orphanage; e) T.B. Hospital.
5. Inter-collegiate Poster Competition on the theme "The Role of the Woman in Today's Society".

Statistical Details regarding Teaching Courses and students as on 1st October :

Sr. No. of study	Branch	Degree to be awarded	Duration of degree course	No. of students in 1993-94
1	Education	B.Ed.	1 year	Boys - 29 Girls - 70 Total - 99
2	Education	M.Ed.	2 year	Boys - - Girls - 4 Total - 4
		M. Ed.	1 year	Boys - - Girls - 4 Total - 8

Results of the College percentage - wise : Apr.

Year	Apeared	Passed	Percentage
1993			
B.Ed.	97	96	99%
M.Ed.	7	7	100%
April 1994			
B.Ed.	99	95	95%
M.Ed.	2	2	100%

B-5 GOA COLLEGE OF FINE ARTS, ALTINHO, PANAJI - GOA.

This is a Government of Goa Institute established in June, 1972 and imparts instruction in the approved subjects leading to B.F.A. (Paintings) and B.F.A. (Applied Art) degrees. Prof. A.S. Deo is the Principal of the College. Hostel facilities are made available in 'D' type Govt. flats at Altinho, Panaji for boy students. For girl students have been allotted in Govt. Polytechnic and Pharmacy College girls hostel.

Teaching and Research Staff :

1. Prof. A.S. Deo. G.D. Art, Mural Decoration. Principal.
2. Shri S. R. Borkar, G.D. Art (ptg. Corn.) **A.M.D.** Lecturer.
3. Shri A.H. Farooqui, 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. Viswambhara, Diploma in Art & Craft, Lecturer
Diploma in Music.
7. Shri S.P. Chendvankar, G.D. Art, A.M.D. Lecturer.
8. Shri H.R. Kambli, B.F.A. ptg., **M.F.A.** Lecturer.
9. Shri M.M. Chodankar, B.F.A. ptg., M.F.A. Lecturer.
10. Shri D.G. Singbal, B.F.A. pig. Lecturer.
11. Shri D.V. Navelkar, G.D. Art (ptg. & Corn.) Sr. Lecturer & Head of Applied Art Dept.
12. Shri A.R. Shirodkar, B.F., 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.

Library :

Text books/reference books
Periodicals/Academic Journals

6288

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 1993-94				
				1st Yr	2nd Yr	3rd Yr	4th Yr	5th Yr
	Bachelor of Fine Art and Applied Art.	B.F.A. painting/ Applied Art.	5 years Boys	27	27	28	24	24
			Girls	14	18	11	09	11

Result of the College percentage-wise :

Course	Oct-Nov 1993	March/April 1994		
		Appeared	Passed	Percentage
B.F.A. Painting	Nil	06	06	100%
B.F.A. Applied Art	Nil	29	29	100%

Information about campus development, construction of new buildings, opening of new subjects, course programme :

Implementation of academic programme as per Goa University Syllabus. Encouraged students and staff for active participation in academic and curricular activities. Staff and students are also actively participating in various open art exhibitions. The staff is invited to give lectures on Art to other co-educational institutions. Thus overall performance of the college is promising and growth of the institution.

B-6 MAHADEVRAO SALGAOCAR COLLEGE OF LAW, MIRAMAR, PANAJI, GOA

The College was established in June 1973 and since then it has been imparting instruction leading to the first degree in Law (L.L.B.). The College is managed by the Devi Shreevani Education Society, Vasco-da-Gama. Shri Moreshwar Narayan Samant is the Principal of the College.

Teaching and Research Staff:

1. Shri Moreshwar Narayan Samant, B.A., LL.M. Principal

2. Shri Leonido Rodrigues, B.A., LL.B. Professor
3. Shri Amrut Shivram Kansar, B.A., LL.M. Professor.
4. Shri Suresh Dinanath Lotlikar, B.A., LL.M. Professor.
5. Shri Gurudas K. Tamba, B.A., LL.B. Professor.
6. Shri Ravindranath V. Kuncolienkar, M.A. (double), LL.M. Professor
7. Shashank Atmaram Samant, B.A., LL.M. professor
8. Shri Ranjit Dattaram Satardekar, B.A., LL.B. Professor
9. Shri Anand Vishnu Kurdikar, B.Sc., LL.M. Professor.

Library :

Total Number of Text books	...	2390
Reference Books		5020
Periodicals		2590
Academic Periodicals		
Legal	- Indian	30
	Foreign	11
General Periodicals		14

Statistical details regarding teaching programme and students :

Sr. No. of study	Branch	Degree to be awarded	Duration of degree course	No. of students in 1993-94		
				1st Yr	2nd yr	3rd yr
1.	Law	LLB	3 years			
			Boys	183	43	26
			Girls	90	33	21
		Total		273	76	47

Results of the college percentage-wise :

April 1993	49.15%
October 1993	21.73%
April 1994	52.38%

B-7 VIDYA VIKAS MANDAL'S GOVIND RAMNATH KARE COLLEGE OF LAW, MARGAO-GOA.

The College was established in June, 1979. It is run by Vidya Vikas Mandal and imparts instruction in the approved subjects leading to LL.B. degree. 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.M.,
Lecturer Ph.D.
3. Shri J.G. Prabhudessai, B.A., LL.M.
Lecturer
4. Shri T. Jacques, B.Sc., LL.B.
Lecturer
5. Shri J. Antao, B.A., LL.B.
Lecturer
6. Smt. Sarojini Da Costa, M.A., LL.M.
Lecturer
7. Shri C.A. Couthino, B.Sc., LL.M.
Lecturer

Library:

Library Books	3,702
Reference Books	1,013
Periodicals	11
Journals	04

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

A Seminar was held on "DELINKING RELIGION FROM POLITICS".

A Symposium was held on "ELECTORAL REFORMS".

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

As part of College's Educational and Cultural activities, the following activities were organised:

Written Essay Competition; Moot Court Competition; Quiz Competition; Elocution Competition; College Sports meet.

A Special talk by Retd., Chief Justice Shri Oza on "Law as an instrument of Social Change" was organised by the College.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94		
				1st yr	2nd yr	3rd yr LL.B.
1.	Law	LLB.	3 years			
			Boys	118	28	12
			Girls	39	23	04
			Total	157	51	16

Results of the College, percentage-wise:

March/April, 1993

Class	Appeared	Passed	Percentage
F.Y.LL.B.	92	29	31.53%
S.Y.LL.B.	32	14	43.75%
T.Y.LL.B.	25	16	64.00%

Oct./Nov., 1993

Class	Appeared	Passed	Percentage
F.Y.LL.B.	40	6	15.00%
S.Y.LL.B.	25	12	48.00%
T.Y.LL.B.	13	7	53.85%

April, 1994

Class	Appeared	Passed	Percentage
F.Y.LL.B.	68	10	14.71%
S.Y.LL.B.	49	27	55.11%
T.Y.LL.B.	12	11	91.67%

B-8 GOA DENTAL COLLEGE & HOSPITAL, RIBANDAR. GOA.

The Goa Dental College & Hospital is run by the Government of Goa. It was established in June, '1989. Dr. R.K. Singh is the Dean of the College.

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 and Research Staff:

I Department of Prosthodontics and Dental Materials:

1. Dr. R.K. Singh, B.D.S, M.D.S.
Dean and also Professor of Prosthodontics

2. Dr. (Mrs.) Meena Aras, B.D.S., M.D.S.
Asstt. Professor in Prosthodontics
3. Dr. (Mrs.) Vidya Bhandankar, B.D.S.,
Lecturer in Prosthodontics M.D.S.

I Department of Orthodontics

1. Dr. P.K. Chandra, B.D.S., M.D.S., M.D.Sc
Professor of Orthodontics (Syd.)
2. Dr. (Mrs.) Nandini Kamat, B.D.S.
Lecturer in Orthodontics

III Department of Conservative Dentistry

1. Dr. K.P. Singbal, B.D.S., M.D.S.
Professor in Conservative Dentistry
2. Dr. (Mrs.) Ida de Noronha de Ataide,
Asstt. Professor in B.D.S.,
Conservative Dentistry M.D.S.

M Department of Periodontics & Community Dentistry

1. Dr. C.M.W. Franco, B.D.S., M.D.S.
Asstt. Professor in Periodontics
2. Dr. Jyoti 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

V Department of Oral Medicine and Radiology

1. Dr. A.D. Dinkar, B.D.S., M.D.S.
Asstt. Professor in
Oral Medicine & Radiology
2. Dr. (Mrs.) Ivy Fernandes, B.D.S.
Lecturer in Oral Medicine
and Diagnosis

VL Department of Oral & Maxillofacial Surgery:

1. Dr. Pascal X. Pinto, B.D.S., M.D.S.
Lecturer in Oral Surgery
2. Dr. Praveen B. Sharma, B.D.S., M.D.S.
Sr. Resident
3. Dr. R.B. Kamalakar, B.D.S.
Demonstrator

**VII Department of Oral Pathology/
Microbiology & Oral Anatomy**

1. Dr. Anita Spadigarn, B.D.S., M.D.S.
Lecturer in Oral Pathology **Library:**

Total number of text books, reference books, periodicals

and academic journals in the Library as on 20-4-1994.
Total number of text books in Library 711.

Total number of reference books	-	674
Total number of periodicals		12
Total number of academic journals	-	69

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

The Institution participated in inter-collegiate sports. On the cultural front, the traditional fresher's welcome party was organised. Annual Social Gathering was held at Kala Academy Campal, Panaji.

**Statistical details regarding teaching programme and
regarding students as on 1st October, 1993:**

Sr. No.	Branch of Degree to be awarded	Duration of degree course	No. of students					
			1st yr	2nd yr	3rd yr	Sem I	Sem II	
1	Dentistry	B.D.S.	4 years					
			Male	11	17	9	6	5
			Female	15	13	12	19	6
			Total	26	30	21	25	11

**Results of the College percentage-wise, in respect
of Final Year University examination:**

(Results of the examination of March/April 1994):

1. March/April, 1993 - 92.8%0
2. October/Nov., 1993 - 80.88%
3. March/April, 1994 - 70.7%

Information about the campus Development, construction of new buildings, opening of new subjects, course programmes:

Construction of New College building work has already been commenced and is expected to be completed within a year.

**B-9 GOA COLLEGE OF ARCHITECTURE,
CAMPAL, 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 were allotted Hostel accommodation in a flat at St. Inez. Govt. Quarters. At present three flats have been purchased for hostel accommodation for boys.

Teaching and Research Staff:

1. Mr. S.G. Torney, G.D. Arch., F.D. Arch.,
Principal F.I.I.A., Industrial
Architecture V.R.C.E.
Nagpur, International
Course in Development in
Housing C.B.R.I. Roorkee.
2. Mr. S.A. Javed, B.Arch., Associate IIA
Professor
3. **Mr. V.R. Ambatkar, B.Arch (NG), M.Arch., IIT(KGP)**
Asstt. Professor Course on Padagogy in
Architecture arranged by
Council of Nagpur, Course
in Airport Planning Services
in multistoried Bldg., and
services, Vigilance
Procedure
4. Mr. A.R.A. Antao, Diploma in Architecture
Asstt. Professor
5. Mr. V.C. Fernandes, B.Arch., Course on
Lecturer planning for the
informal sector in
Metropolitan Cities
(SPA-New Delhi).
6. Mr. Ashish Rege, B.Arch., (S.P.A.N. Delhi),
Asstt. Professor M.Planning (Housing)
7. Mrs. Madhavi Dixit Navare, B.Arch.
Asstt. Professor
8. Mr. Lawrence Rodrigues, Dip. Arch.
Lecturer
9. Miss Zeenat Andani, B.Arch.
Lecturer
10. Mr. Roy D'Souza, B.Arch.
Lecturer
11. Mr. Sanjay Belurkar, B.Arch.
Lecturer
12. Miss Salvin Goes, **B.Arch.**
Lecturer

Library:

Total no. of Text books, Reference books, Periodicals, and Academic Journals : No. of books 3628, Journals-16.

Delegation of 30 members attended the National Asso-

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

Sports:

College participated in Inter-Collegiate Games such as Cricket, Table-Tennis, Football.

NASA:

Participation of students of Architecture (NASA) Convention held at Bhopal and were awarded 1st.

Cultural Activities:-

1. Participated in Youth Festival organised by Dhempe College and got 2nd place.
2. Participated in Happenings organised by Goa Engineering College, Farmagudi, Ponda and got 1st place.
3. Participated in Debate and Quiz Competition.
4. Organised VISTARA'94 by Goa College of Architecture, Campal, Panaji-Goa.

Results of the College percentage-wise

Subjects	March/ April 1993	Oct/Nov 1993	May 1994
1. Professional Practice	100%	100%	100%
2. Working Drawing			
3. Building Services			
4. Specification and Materials			
5. Elective - I	100%	100%	100%
6. Elective - II	100%	100%	100%
7. Design	100%	100%	100%

Publications:

College published their Magazine during the year 1993-94.

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

1. The College is functioning in the Home Science Building.
2. This College has taken from Government 20,000 sq. mtrs. area at Dona Paula where demarcation of Compound wall 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 University to impart instruction in Indian Classical, Vocal and Instrumental Music leading to the degree in Bachelor of Music, which is a five year course of study. Shri C.S. Naringrekar is the principal of the College. The College does not provide hostel facilities.

Teaching and Research Staff:

1. Shri C.S. Naringrekar, M.A. (Philosophy),
Principal M.A. (Sitar)
2. Shri S.S. Karandikar, Sangeet Visharad
Lecturer (Vocal) ABGMV & Sangeet
(Vocal) Alankar
3. Shri Manab Das, M.Music (Sitar) Visva Bharati,
Lecturer Santiniketan Sangeet Alankar
(Sitar)
4. Shri H. Burli, [B.Com.](#), Sangeet Alankar
Lecturer (M.Music), Sangeet Praveen
(Vocal) (ABGMV)
5. Shri Ulhas Velingkar, Sangeet Visharad
Lecturer (Tabla) (ABGMV)
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's Library. A few books have been purchased by Goa College of Music.

Statistical details regarding teaching programme and students :

St. No.	Branch of -Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94					
			1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr.	
1.	Sitar B.Music (Sitar)	5 years	Boys					
			Girls			2		2
2.	Tabla B.Music (Tabla)	5 years	Boys	5	6	4	1	4
			Girls	1				

3.	Vocal Music	B.Music (Vocal)	5 years					
			Boys	2	3	--	3	2
			Girls	4	4	2	--	--
			Total	12	13	8	4	8

Information about Campus development, construction of new buildings, opening of new subjects, course programme :

The College by Govt. order was transferred from Kala Academy to Govt. of Goa under the administrative control of Directorate of Art and Culture of Govt. of Goa.

B-11 INSTITUTE OF NURSING EDUCATION, PANAJI, GOA.

The Institute of Nursing Education, established in August, 1993 is run by the Directorate of Health Services, Govt. of Goa, Campal, Panaji. Miss Jyoti Tiwari is the Principal of the Institute.

Teaching and Research Staff :

1. Miss Jyoti Tiwari, B.Sc. Nsg; M.Sc. Nsg; M.A. Principal (Socio); P.G. Dip. in Admnv. Mgt.
2. Mrs. Carol Noronha, B.Sc. Nsg. M.Sc. Nsg. Lecturer
3. Mrs. Jonny D'Sa, B.Sc. Nsg. Lecturer
4. Miss Avita Almeida, M.Sc. Nursing Lecturer

Library :

The Library is well stocked having 1426 Text and Reference books. The Institute subscribes to two Public Health Papers and 7 Journals.

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

In the service of the community, students organised health exhibitions at ID Hospital, Ponda, PHC Ponda, Sub Centre Borim, and Govt. Quarters, Panaji. Students also conducted a well baby clinic at sub-centre, Borim. A Health awareness programme was organised by students for residents of St. Estevem in collaboration with State Bank of India, St. Estevam, Branch.

Students participated in a cultural programme organised by the Directorate of health Services on WHO DAY.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to <i>be</i> awarded	Duration of degree course	No. of students admitted in 1993-94 (ALL FEMALES)		
				1st yr	2nd yr	3rd yr
1.	Nursing	Post Certi. B.Sc. (Nursing)	2 years	15	10	25

Results of the Institute Percentage-wise:

Semester	No. of students appeared	No. of students declared passed	Percentage passed
Semester I	10	10	100%
Semester II	10	09	90%

B.12 G.V.M's COLLEGE OF EDUCATION, PONDA - GOA.

The Goa Vidyaprasarak Mandal's College of Education was established in June 1993. The College is affiliated to Goa University and imparts instruction in courses leading to B.Ed. degree. The college is run by Goa Vidyaprasarak Mandal, Ponda-Goa. Shri A.G. Jumde was the acting Principal of the College.

Teaching Staff :

1. Shri Sebastian John Pinto, M.A., M.Ed. Lecturer
2. Shri Allen Abreo, M.A., M.Ed. Lecturer
3. Shri M.U. Paily, B.Sc., B.Ed., M.Ed. Lecturer
4. Shri C. Francis, M.A., M.Ed. Lecturer
5. Mrs. Janhavi Mate, M.A., M.Ed. Lecturer

College Library :

The College Library has 336 books in all consisting of text books, Reference books, etc. The College has subscribed 3 Educational Journals.

During Diwali vacation, the students were assigned a survey work to know about "Secondary school and their campus". More than 180 schools throughout Goa were visited by students and information was collected by interviewing the Heads of the Institutions. .

The students completed research projects in the elective subjects and prepared aids for teaching. The exhibition

of the aids for teaching prepared by the students was held on 16th February 1994 in G.V.M's Hall.

The College **had** enrolled 60 students in its **roll**, out of which 2 students discontinued during second term.

Total No. of students enrolled	Boys	Girls
60	09	51

The college had excellent result in B.Ed. April '1994 Examinations. Out of 56 students appeared for Examination, 55 students passed averaging 98.21% 18 students passed in first class, 31 students in second class and 6 students passed in Pass Class.

C- RECOGNISED INSTITUTIONS

C-1 XAVIER CENTRE OF HISTORICAL RESEARCH, ALTO PORVORIM, GOA.

Xavier Centre of Historical Research (XCHR) is run by the Jesuits of the Goa Province of the Society of Jesus in India. It is an autonomous registered society with the aim and objective of promoting research and publications in History with special emphasis on the Church in the Portuguese period in India, and on third world issues.

It was established on 7 July, 1978 and inaugurated its academic activities on 4 November, 1979. It has been permanently recognised by the Goa University as a Post graduate Institute for Historical Research and for guiding students for research leading to the Ph.D. degree in History.

Dr. Teotonio R. de Souza has been Director since 1979. The hostel facilities consist of two rooms of single occupancy. The availability of these (for a maximum period of six days), is at the discretion of the management.

Teaching and Research Staff :

1. Dr. Teotonio R. de Souza, M.A., Ph.D. Director, Ph.D. Research Guide, Fellow of the Portuguese Academy of Lisbon and of the Institute Menezes Braganza, and Executive Editor of XCHR studies series.
2. Fr. Charles J. Borges, M.A., Ph.D., B.Lib.Sc. Associate Director
3. Fr. Delio Mendonca, M.A. Administrator.
4. Fr. Cajetan Coelho, M.A. Administrative Assistant.

5. Mrs. Lilia Maria D'Souza, B.A., B.Lib.Sc.
Librarian
6. Mrs. Lincy Paul, [B.Com.](#)
Assistant in Library.
7. Mrs. Teresa Fernandes, B.A.
Portuguese Tutor
8. Ms. Err,esta Bhobe, [B.Com.](#)
Office Assistant.

Details of Research students :

Name of the Guiding teacher	No. of students
Dr. Teotonio de Souza	1

Mrs. Philomena Sequeira Antony has submitted her thesis (Relations between Portuguese India and Brazil - 16th - 19th Centuries) and is to defend her thesis shortly.

Library:

The XCHR-Sussen Historical Research Library has now a total of over 15,000 books (housed in 102 steel bookcases), about 250 cyclostyled volumes of government reports and seminar papers, and 150 volumes of xeroxed archival material. The section on cartography consist of 25 books and about 150 loose maps. The journal section contains about 200 titles some of them now out of print, and includes many newsletters. The entire library (bookcases and open racks) was recently fumigated and given a prophylactic treatment by Premier Pest Control Services, Goa.

A special language section consist of dictionaries, grammars and readers in Portuguese for the courses held at the XCH R. Computer printouts of indexes are available to members of the library. The computerisation of books and journals for ready reader references is in progress. A plain paper copies and a microfilm reader are of use to readers. Annual membership is at Rs. 150/-

Donations of books and journals came from Mr. Fernando do Rego, Mr. Lino Monteiro, Prof. Sergio Carvalho, Mr. Manuel Dias, Mr. Jose Ribeiro, Gen S.F. Rodrigues (Retd.), the Calouste Gulbenkian Foundation (Portugal), the Institut° Cultural de Macau, Arquivo do Centro Cultural Calouste Gulbenkian, Jesuit House (Panjim), Mrs. Ruth de Albuquerque, Bro. Noel Oliver and Mr. Davind de Menezes (Hon. Consul for Germany at Goa).

Books were donated by the XCHR to the Calouste Gulbenkian Foundation, Provincia Portuguesa da Companhia de Jesus, Instituto da Bilblioteca Nacional e do livro, Academia Portuguese da Historia, Institut° de Investigacao Cientilica e Tropical, Arquivo Historico Ultramarino, Sociedade de Geografia de Lisboa, Arquivo Nacional da Torre do Tombo, Centro de Pre-Historia e Arqueologia (all of Portugal), and the Institutum Historicum

Societatis Iesu (Rome).

Information about the Research Project completed by the teachers, and seminars/workshop held by the College :

Dr. Teotonio de Souza :

1. He was at the University of Santa Barbara, California, (16-18 Oct.) for the International Colloquim on Portuguese Discoveries and spoke on "The Portuguese Discovery of Japan and the Jesuit contribution to its Loss".
2. He delivered three lectures related to "New Perspectives on Portuguese History" at Brown University, at New Hampshire University and at the Southeast University of Massachusetts, respectively.
3. He gave a talk at the Portuguese Navel Academy (Lisbon) on "The Sea in the Daily Life of Goans" (Nov - 16).
4. He has been asked by the Heythrop College, University of London, to head the Asia Section for the "Dictionary of Christian Biography".
5. He attended a meeting of the History of Science Advisory Board (Medieval Period) on 15 February organised by Indian National Science Academy, New Delhi.
6. He also delivered a talk on All India Radio, Panaji, on "Positive elements in Indo-Portuguese Cultural Fusion" (11 April).

Dr. Charles J. Borges :

1. He presented a paper on "St. John de Britto" A Bibliographical Survey", at a Seminar on the saint at St. Joseph's College, Trichy (27-28 Nov., 1993).
2. He read a paper on "Jesuit Economic Interests in the Portuguese Province of the North" (ISIPH-7, Goa, 20-24 January).
3. He wrote an article "Konkan: A short History" for the Goa Jesuits.
4. He presented a paper on "Goa's Role in the Destabilising of Shri Lanka: A Missionary Enterprise" (Directorate of Archives Seminar, 24-25 February).
5. He read a paper on "The Decades de Asia of Joao de Barros: A Portuguese view of India and Asia during the Discoveries" (Tilak Maharastra Vidyapeeth Seminar, Pune, 12-14 March).

6. He sent a paper "The History of the Society of Jesus during the presence of the Portuguese in India - 1542-1759: Archival Sources" in absentia to a national seminar on "Amos Padiri" at Thiruvananthapuram (19-21 March).
7. He attended a seminar on "The Dynamics of Activism" (12-14 May) by the American Centre (Bombay).
8. He successfully completed with a first class his Bachelor's Degree in Library and Information Science from the Indira Gandhi National Open University (IGNOU), New Delhi.

Mrs. Lilia Maria D'Souza successfully completed *her* Bachelors degree in Library and Information science with a first class from IGNOU.

Projects at the XCHR : Two projects of the Indian Council of Historical Research, New Delhi are in the progress.

1. The translation of "Decades of Joao de Barros 1449-1570 "(Project Director: Dr. T.R. de Souza, Translator: Lilia Maria D'Souza).
2. "The Survey, Selection and Translation of Documents relating to the Impact of the Jesuit Order on the Economy of Goa prior to 1759" (Project Director: Dr. Charles J. Borges).

Consultancy:

The Indian Council of Historical Research (New Delhi) sought the expert opinion of Dr. Teotónio de Souza on some post-doctorate research projects:

1. "Translation of Biblical Names".
2. "Christians and Depressed Classes during the early 20th century with special reference to Andhra Pradesh".
3. "Technologies and Cultural Interactions".
4. "Trades and Urbanisation in the coastal Tamilnadu: A study of Portuguese settlements 1500-1650".

The Ministry of Environment and Forests, New Delhi, referred a research project to Dr. de Souza entitled :

1. "Tourism: Economic Boon or Environment's Bane? A case of Goa".

Affiliation to XCHR: The American Institute of Indian studies has requested the XCHR to allow Dr. Rocky Miranda (University of Minnesota, USA) to be affiliated to it during the course of his research in India. Dr. Pramod

Kale of Columbia University (New York, USA) is also in affiliation for his one-year project entitled "Post-Colonial society in Transition: A case study of Intellectual Leadership amongst Goans". Also referred for affiliation for a period of two years, but this time by the Ministry of Human Resources Development, New Delhi, is Dr. Corelius Simon Markus Vink, of the Netherlands, for his project "passes and Protection Rights: Portuguese Estado da India and the Dutch E.I.C.".

Portuguese Language Courses: These were held as usual at the basic level in October and may of 1993-94 with Mrs. Teresa Fernandes as tutor. These month-long courses, over thirty to date, have been popular with the over 300 researchers, teachers and college students who have attended these.

International seminar of XCHR: Dr. Teotónio de Souza, Director, was the Convenor and Co-ordinator (Local Committee) of the 7th International Seminar on Indo-Portuguese History (ISIPH-7) held in January (20-24,1994) at Goa at the Fidalgo and Nova Goa Hotels. About 50 delegates attended the proceedings and 27 attended as observers. The Fundacao Calouste Gulbenkian, the Fundacao Oriente (Lisbon), and the Portuguese National Commission for commemorating the Portuguese Discoveries, assisted financially. Other local bodies who helped were the Goa Government, the Goa University, the Department of Archives, the Indian Navy, Goa Board of Secondary and Higher Secondary Education, and the Institute Menezes Braganza. A special souvenir was brought out on the occasion with abstracts of papers and printed messages from the Presidents of India and Portugal, the Governor and Chief Minister of Goa, the Indian Ambassador in Portugal and the Consul General of Portugal at Goa, respectively. The principal focus of ISI PH-7 was "Gujarat and the Northern Province of Portuguese India". At the valedictory function of ISI PH-7, two books written by Dr. de Souza and one by Dr. Borges were released by Dr. Jose Blanco, Dr. Vasco Graca Moura, and Gen. S. F. Rodriguense (Retd) respectively.

Museum :

All the wooden sculptures, statues and paintings were recently given a prophylactic treatment by premier Pest Control Services, Panjim. Some of the XCHR Museum objects were filmed for Gujurwani (Ahmedabad) by the Gujarat Jesuit Province team, and for a forthcoming issue of the Portuguese art journal Océarios by Mr. Nicholas Sapieha, a professional photographer on contract with the National Commission for the Commemoration of the Portuguese Discoveries.

The family of the late Dr. Manule D. de Albuquerque (Anjuna), personal physician to the then Sultan of Zanzibar, has donated three swords including the Golden sword won by the Goan doctor for his discovery and combat of bubonic plague in 1903, to the Museum. They have also given the Museum his order of the Brilliant star of Zanzibar.

Visitor to the XCHR:

His Excellency, the Chief Minister of Goa, Dr. Wilfred de Souza, the Education Minister, Mr Vinay Kumar Usgaonkar, Dr. Marcello Mathias, Portuguese Ambassador in India, Dr. Antonio Tanger Correia, Consul General of Portugal at Goa, Gen. S.F. Rodrigues (Retd.) Dr. Vamireh Chacon (Universidade de Brasilia), Dr. David Kowai (art historian, charleston, USA), Ms. Savia Viegas (Historian Bombay), Dr. Pedro Gracia (Administrator of Calouse Gulbenkian Foundation), Fr. Trevor de Souza (missionary, Tanzania), Dr. A.R. Kulkarni (Vice-Chancellor, T.M.V., Pune), Dr. Yeshwantrao Gowarikar (Scientist), Mr. Madhav Gadkari (Editor, Lok Satha, Bombay), Barry Reeves (Antropologist, Scotland), Lakshmi Iyer (Writer), the novices of Goa Province at Belgaum, Richard Berlie (Cambridge), Prof. Findess (Germany), John Burns (New York Times), Claudia Schneider (Journalist), and Ana Cristiana Alves (Researcher, Portugal).

Publications:

Publications of XCHR:

1. Teotonio R. de Souza, Medieval Goa: A Cidade e o Interior no. Seculo XVII, Lisbon (Editorial Estampa), 1993
2. Teotonio R. de Souza, Goa to Me, New Delhi (Concept Publishing Co.), 1994.
3. Teotonio R. de Souza (ed.), Discoveries, Missionary Expansion and Asian Cultures, New Delhi (Concept Publishing Co.), 1994.
4. Charles J. Borges, Economics of the Goa Jesuits 1542-1759: An Explanation of their Rise and Fall, New Delhi (Concept Publishing Co.), 1994.
5. Fatima Gracias, Health and Hygiene in Colonial Goa, 1510-1961. New Delhi (Concept Publishing Co.), 1994, XCHR Studies Series No. 4.
6. Celsa Pinto, Trade and Finance in Portuguese India: A Study of the Portuguese Country Trade, 1770-1840. New Delhi (Concept Publishing Co.), 1994, XCHR Studies Series No. 5.

Dr. Teotonio de Souza's published articles:

1. "Goncalo Martins: Jesuit Procurator, Business-

man and Diplomat in the Estado da India", *Mare Liberum*, Lisbon, no. 5 July, 1993, pp. 119-128.

2. "Roundtable - Review Essay (Sanjay Subrahmanyam, The Portuguese Empire in Asia 1500-1700: A Political and Economic History)", *International Journal of Maritime History*, (Vol. 5, no. 2, Dec. 1993, pp. 233-237).
3. "Rogerio de Faria: An Indo-Portuguese Trader with China Links", *As Relacoes entre a India Portuguesa, a Asia do Sueste e o Extremo Oriente*, Actas do VI Seminario Internacional de Historia Indo-Portuguesa, eds. Artur T. de Matos and L.F. e Reis Thomaz, Macau/Lisbon, 1992, pp. 309- 319.
4. "Christianisation and Cultural Conflict in Goa, 16th-19th Centuries", *Boletim do Institut° Menezes Braganca*, (no. 170, 1994), pp. 55-69.
5. "A Goan Opium Dealer who attempted to liberate Goa", *Goa Today* (Panjinn), May 1994, pp. 30-37.

Dr. Charles Borges' published articles:

"The Jesuits of the Estado da India and their China Links", *As Relacoes entre a India Portuguesa, a Asia so Sueste e o Extremo Oriente*, Actas do VI Seminario Internacional de Historia Indo-Portuguesa, eds. Artur T. de Matos & Luis Filipe F.R. Thomaz, Macau/Lisbon, 1993, pp. 111-124.

C-2 GOA INSTITUTE OF MANAGEMENT STUDIES, MIRAMAR, PANAJI, GOA.

Goa Institute of Management Studies is run by Devi Shreevani Education Society. The Institute was established in June, 1977. Shri S. Narasimha Raj is the Director of the Institute.

Teaching & Research Staff:

Diploma in Administrative Management

1. Shri Savari Muthu, B.Sc., D.A.M., ICWA
2. Shri Vinay Raykar, M.S.W., LL.B.
3. Shri. Anant Prabhu, B.Sc., A.C.S.
4. Shri S. Narasimha Raj, B.Sc., B.E., F.I.E. (India)
5. Shri G.B. Halkar, M.S.W., D. PMir
6. Shri Mario J. D'Souza, M.A., M.B.A.
7. Shri P.R. Mahambre, M.Sc.
8. Smt. Laxmi Ramaswamy, A.M.I.E., D.C.A.

Diploma in Business Management

1. Prof. G.G. Bhakle, M.A., LL.B.
2. Shri K.N. Lawande, B.A. (Hons.), MMS, IEIW
3. Shri Vijay Hede, B.Tech., D.B.M.
4. Shri Savari Muthu, B.Sc., D.A.M., ICWA
5. Shri V.K. Iyengar, [B.Com.](#), AICWA, ACS, DMA
6. Smt. P.D. Dhond, B.A., LL.B.
7. Shri S. Narasimha Raj, B.Sc., BE., F.I.E. (India)
8. Shri Arvind Thakar, M.B.A.

Note: All the teaching staff except Shri S. Narasimha Raj, are Visiting Faculty.

Library:

Number of books, periodicals, etc. **as on 24.4.1994** around 3,000. We have around 50 video films on various Management topics for use during sessions.

Information of Research Projects, Seminars/Workshops held by the Institute:

Four students of D.B.M. submitted their Project Reports as part of their course.

During 1.7.93 to 20.4.94, one HRD Programme, titled FINANCE FOR NON-FINANCE EXECUTIVES was put through - over two days - for Officers of Goa Shipyard Ltd.

Statistical details regarding teaching programme as on 1.10.93 - No. of Participants:

D.A.M.:	Male: 15	Female: 8	Total: 23
D.B.M.:	Male: 16	Female: 3	Total: 19

Results - Percentagewise - at Goa University Examinations held in June, 1994:

D.A.M. : 22%
D.B.M. : 8%

C-3 VIDYA VIKAS MANDAL'S INSTITUTE OF

Information about campus etc:

The Institute also conducts autonomous course leading to Diploma in Travel & Tourism Management and Diploma in Personnel Management & Industrial Relations.

The Institute maintains good rapport with industries/organisation and continues to play its role in 'imparting and propogating' Management Education in Goa.

MANAGEMENT TRAINING AND RESEARCH

The Institute which established in June 1981 is run by the Vidya Vikas Mandal. It was recognised by the Goa University for conducting post-graduate part-time one year courses in Management leading to DBM and DAM Diplomas. Shri R. Bala•Chandra Nair is the Director of the Institute.

Teaching and Research Staff:

1. Shri R.B. Nair, M.Conn.
Director
2. Shri A.S. Nadkarni, **M.A., LL.B.**
Lecturer
3. Shri Suresh Rao, B. Pharm, MBA, LL.B.
Lecturer
4. Shri G.R..Kamath, MA
Lecturer
5. Shri Rodney D'Silva, MBA
Lecturer
6. Shri K.B. Rao, M.A.
Lecturer
7. Shri V.D. Bhat, [B.Com.](#) ACA
Lecturer
8. Shri N.T. Mathew, B.Sc., ACA
Lecturer
9. Shri Santosh Kamath, B.Sc., LL.B., DSM
Lecturer.
10. Shri V.V. Pawar, M.A.
Lecturer
11. Shri V.G. Patil, BE., SDM(IGNOU)
Lecturer
12. Shri Vallabh Cuncolienkar, B.E., MBA, LL.B.
Lecturer
13. Shri S.S. Sukhthankar, [M.Com.](#), MBA
Lecturer
14. Shri V.G. Path, M.Sc.
Lecturer

Library:

The total number of text books, reference books, periodicals and academic journals in the Library as on 20/4/1994

Text Books	
Reference Books	1,116
Periodicals	
Academic Journals	

Information about the research projects completed by the teachers and seminars/workshops held by the colleges:

- Training in Administrative Management for Government Officers sponsored by Directorate of Training, Govt. of Goa.
- Training in Project Management for PWD Engineers of Govt. of Goa, sponsored by Directorate of Training, Government of Goa.
- Training in Consumer Awareness Programme sponsored by Society of Civic Rights, New Delhi.

Statistical details regarding teaching programme and students :

Sr. No.	Branch of study	Degree to be awarded	Duration of degree course	No. of students admitted in 1993-94 (sex-wise)		
				Boys	Girls	Total
1.	Management	D.B.M.	1 yr.	11	6	17
2.	Management	D.A.M.	1 yr	11	4	15

Results of the College percentage wise: Final

Results May/June, 1993

	Regtd.	Appeared	Passed	Percentage
DMB Sem-I	8	7	Nil	Nil
Sem-II	18	16	Nil	Nil
DAM Sem-I	7	4	Nil	Nil
Sem-II	14	8	3	37.50%)0

Final Results DEC/JAN, 1994

	Regtd.	Appeared	Passed	Percentage
DMB Sem-I	20	11	1	9.09%
Sem-II	7	4	Nil	Nil
DAM Sem-I	17	10	1	10%
Sem-II	6	4	1	25%

Results May/June, 1994

	Regtd.	Appeared	Passed	Percentage
DMB Sem-I	9	6	1	16.67%
Sem-II	12	7	Nil	Nil
DAM Sem-I	6	5	Nil	Nil
Sem-II	11	6	3	50%

C-7 INSTITUTE OF SAFETY, OCCUPATIONAL HEALTH & ENVIRONMENT, GOVERNMENT OF GOA, ALTINHO, PANAJI.

The Institute of Safety, Occupational Health and Environment was set up by the Government of Goa in the year 1992. The Institute was affiliated to the Goa University from 1993.

The 14 months' Post Graduate Diploma in Environmental Pollution Control Technology course, for B.Sc. Chemistry candidates, commenced on 15th September, 1993 with an enrolment of 21. The course is of two semesters. The examinations for the first semester were conducted in March-April, 1994. Seven candidates were declared passed and twelve candidates are permitted to keep terms.

The second semester examinations will be conducted in November 1994 and thereafter the candidates will be attached to industries for two months. This will be followed by an examination on the concerned industry.

ANNEXURE - VIII

LIST OF AFFILIATED COLLEGES AND RECOGNISED INSTITUTIONS IN GOA

- 1 Colleges other than Professional.**
- 11** 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 403 726.
- 1.7 Shree Damodar College of Commerce & Economics, Margao, Goa 403 601.
- 1.8 V.N.S. Bandekar College of Commerce, P.O.Box No. 20, Mapusa, Goa 403 507
- 1.9 Goa Vidyaprasarak Mandal's College of Commerce & Economics, Ponda, Goa 403405.
- 1.10 Ponda Education Society's College of Arts & Science, Farmagudi, Ponda, Goa 403 405.
- 1.11 Naval Academy, INS Mandovi, Verem, Goa.
- 1.12 Cuncolim Education Society's College of Arts & Commerce, Cuncolim, Salcete, Goa 403703.
- 1.13 Govt. College of Arts, Science & Commerce, Sanquelim, Goa.
- 1.14 Goa College of Home Science, Campal, Panaji, Goa 403 001.
- 1.15 Govt. College of Arts & Commerce, Khandola, Marcela, Goa
- 1.16 Govt. College of Arts & Commerce, Quepem, Goa 403 705
- 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. Agnel College of Arts & Commerce, Pilar, Goa.
- 1.20 Shree Mallikarjuna College of Arts & Commerce, Nagarcem, Kanacona, Goa.
- 1.21 Govt. College of Arts & Commerce, Pernem, Goa.
- I Professional Colleges**
- 2.1 Goa Medical College, Bambolim, Goa.
- 2.2 Goa College of Pharmacy, Panaji, Goa 403001.
- 2.3 College of Engineering, Goa, Farmagudi, Goa 403 405.
- 2.4 Nirmala Institute of Education, Altinho, Panaji, Goa 403 001.
- 2.5 Goa College of Fine Art, Altinho, Panaji, Goa 403 001.
- 2.6 Mahadeorao Salgoankar College of Law, Miramar, Panaji, Goa 403 001.
- 2.7 Govind Ramnath Kare College of Law, Borda, Margao, Goa 403 601.
- 2.8 Goa Dental College & Hospital, Ribandar, Goa 403 006.
- 2.9 College of Architecture, 'Savitri Niwas' Miramar, Panaji, Goa 403 001.
- 2.10 Kala Academy's Goa College of Music, Panaji, Goa 403 001.
- 2.11 Institute of Nursing Education, Panaji, Goa 403 001.
- 2.12 G.V.M's College of Education, Ponda, Goa.
- 2.13 Bharatiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda, Goa.
- II Recognised Institutions**
- 3.1 Xavier Centre of Historical Research, Porvorim, Bardez, Goa.
- 3.2 Goa Institute of Management Studies, Miramar, Panaji, Goa 403 001.
- 3.3 Institute of Management Training & Research, St. Joaquim Road, Margao, Goa 403 601.
- 3.4 National Institute of Oceanography, Dona Paula, Goa 403 004.
- 3.5 Directorate of Archives, Government of Goa, Panaji, Goa 403 001.
- 3.6 Institute of Psychiatry & Human Behaviour, Altinho, Panaji, Goa 403 001.
- 3.7 Institute of Safety, Occupational Health & Environment, Altinho, Panaji, Goa 403 001.

**ANNEXURE - IX
EXPENDITURE OF GOA UNIVERSITY**

	Budget Estimates (1993-94)			Revised Estimates (1993-94)			Actuals (1993-94)			Budgets Estimates (1994-95)		
	Recurr- ing	Nom- Recurr- ing	Total	Recurr- ing	Non- Recurr- ing	Total	Recurr- ing	Non- Recurr- ing	Total	Recurr- ing	Non- Recurr- ing	Total
Plan	148.80	208.20	357.00	116.31	253.75	370.06	116.17	166.85	283.02	169.98	239.41	409.39
Non-Plan	247.95	19.75	267.70	242.57	25.05	267.62	215.91	6.43	222.34	282.61	27.50	310.11

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.

Shri C.S. Naringrekar - Faculty of
Principal, Performing,
Kala Academy's College Fine Art and
of Music, Panaji, Goa. Music.
3. Dr. A.H. Doctor, - Faculty of Social
Professor & Head, Sciences
Department of Political
Sciences, Goa University.
4. Dr. S.K. Paknikar, - Faculty of
Profesor & Head, Natural Sciences
Department of Chemistry,
Goa University.
5. Dr. S. Mavinkurve, Faculty of Life
Professor & Head, Sciences and
Department of Microbio Environment
logy, Goa University.
6. Dr. V. J. Monteiro Faculty of
D e a n , M e d i c i n e
Goa Medical College,
Bambolim, Goa.
7. Prin. A.K. Srivastava - Faculty of
College of Engineering, Engineering &
Goa, Farmagudi, Goa. Architecture
8. Shri M.N. Samant, - Faculty of Law
Principal,
M.S. College of Law,
Miramar, Panaji, Goa.

ANNEXURE . XI

LIST OF OFFICERS OF THE GOA UNIVERSITY

1. Vice-Chancellor M.A., Ph.D., D.Litt.
- a. Registrar
 - i) Shri G.V. Kamat (M.A.)
(upto 31.11.93)
 - ii) Dr. A.K. Heblekar
M.Sc., Ph.D.
(from 1.12.93)
 - i) Smt. N.Y. Kapdi
B.Sc., LL.B.,
DFM., [B.Com.](#)
(upto 10.6.93)
 - ii) Shri V.K. Bagali
B.A., [B.Com.](#)
(from 8.11.93)
3. Finance officer
4. Controller of
Examinations Dr. U.S. Parab
[M.Com.](#); B.Ed; Ph.D.
5. Deputy Registrar
(Academic) Shri G.D. Dangri
B.A., [B.Com.](#)
(upto 31.12.93)
6. Deputy Registrar
(Gen. Admn.) Shri D.P. Pednekar
M.A., B.Ed.
7. Officer on Special
Duty Shri G.D. Dangri
B.A., [B.Com.](#)
8. Asstt. Registrar
(Exams) Shri A.G. Khanolkar
9. Asstt. Registrar
(Legal) Shri U.V.K. Shankhwalkar
B.A.; LL.B.
10. Asstt. Registrar
(Admn.) Shri V.J. Kamat
11. Asstt. Registrar
(Academic) Shri G.J.S. Talaulikar
([B.Com.](#))
12. Asstt. Registrar
(Academic) Shri M.A. Vaidya
B.A.
13. Asstt. Registrar
(Finance) Shri G.D. Nasnodkar
B.A.
14. Asstt. Registrar
(Admn.) Still D.G.K. Bambolkar
M.A.; LL.B.
15. Asstt. Registrar
(Academic) Smt. Seema S.
Keshkamat
M.A.

Dr. P.R. Dubhashi

16.	Systems Analyst	Shri D.P. Naik M.Sc.	20	Executive Engineer	Shri P.V.K. Nair B.Sc. (Engg.); LL.B.
17.	Programmer	Shri T.A. Rane M.A.	21.	Asstt. Engineer	Shri V.L. Sawkar B.E. (Civil)
18.	Programmer	Shri M. Chakraborty M.Sc.	22.	Asstt. Engineer	Shri S. Talaulikar B.E. (Civil)
19.	Project Engineer	Shri K.R. Puranik B.E. (Civil)	23.	Asstt. Engineer	Shri A. Srivastava B.E. (Civil)

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1Asstt. Registrar (Exam)
Shri Vinayak S N • Al orne kar
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