

GOA UNIVERSITY



ANNUAL REPORT

(1986-1987)

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----- P R E F A C E

In the Silver Jubilee year of Goa's liberation and in the year when the new National Educational Policy was launched, Goa University, the long cherished desire of the Goans, came into existence to enrich the standard of education in this region. A University stands at the summit of higher learning not merely to conserve, generate, impart and extend knowledge but also to act as an agent of social change. It should sow the seeds of knowledge which should fructify on the horizon of human fellowship; it should impart to our youth the timeless values ingrained in the rich experience of the past; it should inculcate in them a sense of responsibility, a sense of pride, hope and faith in the future of our country; it should inspire in them creative thinking on which would depend the quality of their life; and it should nurture in them basic human values, which would integrate culture and technology. Education is indeed like a diamond and culture is its glow that brightens the path towards a new humanism and peace. A University is supposed to be the custodian of that diamond which should help our youth meet life-situations.

Great expectations are thus raised in Goa that this new University would re-vitalise its entire educational structure. It is just born and this report relates to its first year of fruitful activity. The first few years are very crucial in the life of any institution that desires to grow into a sound, efficient and well-planned University. It has to build up an entire educational structure, determine all aspects of planning, whether academic administrative, fiscal or physical

and define all its areas of concentration, programmes and activities. Fortunately, this University was born after long preparations, when every relevant issue, whether selection of a suitable site, drafting of the.Lct, courses to be introduced, or the Shape of the University to be formed, had been fully discussed and debated. By the time the University was inaugurated an excellent site overlooking the sea Shore at Telegaon plateau had been identified, a feasibility report relating to all aspects of University planning had been prepared, a solid structure of several arts, science, commerce and professional colleges had been established and a Postgraduate Centre with 13 disciplines was already functioning. Thus there was a nucleus on which to build a full-fledged University.

The moment University was born it acted fast. Its several bodies, the Executive Council, the Academic Council, the Senate (now called the Court), the Planning Board, the several faculties, the Boards of Studies, were all constituted. New Departments relevant to the needs of the society were added. Existing Departments functioning in the busy commercial centre of the town were Shifted to more spacious, quiet and congenial complex of the Medical College at Bambolim (thanks to the concerned authorities for the helpful gesture), and a brisk civil works programme was undertaken. The Architect prepared a master-plan and several buildings started taking shape. The onerous task of framing numerous statutes, Ordinances, Rules and Regulations was completed in a record period of a few months. This Report presents a detailed survey of all activities in different areas of University system.

Perhaps, a noteworthy feature was the successful effort of the University to secure U.G.C. recognition as fit to receive central assistance. It has been **the** experience of several new Universities that for years together they will not be able to fulfil all the conditions laid down for such recognition under Section 12(b) of the U.G.C. Let. Fortunately, this University was able to fulfil all their requirements which prompted the U.G.C. to send its Review team to the University as early as July 1986. The necessary follow on action on its report happily resulted in their full recognition of our University. The U.G.C. has agreed to set up the Centre of Latin American Studies in our University on the basis of 100% grant from the U.G.C. The University has created the Board of Extra Mural Studies to undertake suitable programmes in community development and human relations. In order to promote interest in the life, literature, and language of the area, it instituted a chair in Konkani, and sanctioned a project of three-volume Encyclopaedia in Konkani language. Besides, it has approved a project of four-volume history of the region entitled "Goa through the Ages".

Goa University has taken its birth at a time when the atmosphere in the country is surcharged with high currents of change in higher education. Our University seeks to benefit itself in this realm of ideas. Our staff and students are quite excited on the prospect of extending and examining knowledge and in furthering the search for wisdom. We do hope we have taken the first step in the right direction, but the journey is just begun. Implementation of our policies would require

full support from every quarter. Understanding the prevailing social value system, creating the necessary intellectual atmosphere, and finding adequate resources are essential to achieve the goal. Fortunately, upto now this University has received unstinted support from every direction and more so from the Government which has been exceedingly generous in respect of funds. We cannot sufficiently thank all those who conceived the noble idea of this temple of learning, who consistently pursued the design of its establishment and those who finally brought it into existence.

It would like to place on record my deepest sense of gratitude to the Visitor for his valuable guidance; to the Government of Goa for the help and assistance in respect of funds and every other kind of facility that an Institution of the order of University stood in utter need of; to the members of the Executive Council, the Academic Council, the Senate and the Planning Board for their sincere and full cooperation in implementation of the various academic, administrative and other activities undertaken by the University; and to our faculty, students and administrative staff for their dedicated efforts in gearing themselves up to the new challenges faced by this young University.

University Offices,
Anjuna - Goa. 1st
March, 1988.


(Dr. B. Sheik Ali)
VICE-CHANCELLOR.

Introduction

The Executive Council has pleasure in submitting to the Court the Annual Report of the University for the year 1986-87 as required under Section 26 of the Goa University Act, 1984.

Goa University came into existence on the 1st June, 1985. Earlier for two decades University of Bombay had extended the privileges of higher education not only by setting up the Centre of Post-graduate Instructions and Research (CPIR) but also by affiliating all the professional and non-professional colleges. On the setting up of Goa University, the CPIR, which was considered as a department of University of Bombay, was merged with it. Section (6) of the Goa University Act which was held in abeyance came into force with effect from 19th June, 1986 and accordingly the privileges granted to the colleges situated in Goa District of the erstwhile Union Territory of Goa, Daman & Diu by University of Bombay were deemed to have been withdrawn from that date. In other words, 16 colleges in Goa have ceased to be affiliated to University of Bombay. Similarly, two institutions which are situated in Goa and which were recognised by University of Bombay for preparing students for M.Sc. and Ph.D. degree have also ceased to be recognised by University of Bombay. All these 16 colleges and two institutions have been respectively affiliated to and recognised by Goa University with effect from 19th June, 1986. Students admitted to these colleges and institutions during the academic year 1986-87 have been permitted to prosecute their studies under the syllabus of University of Bombay and to appear at the examinations conducted by that University till they complete their course of study. Goa University will conduct examinations for students who were admitted to the first year classes from the academic year 1986-87 and thereafter progressively.

The University has by now been fully established. All the Authorities prescribed under the Goa University Act, like the Executive Council, the Academic Council, the Senate
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(now Court) the Planning Board , the Board of Studies for different subjects, etc., have been formed and are effectively functioning . Important officers of the University like the Vice-Chancellor, Registrar, Finance Officer, Controller of Examination are all in position. According to the Act, the Lt. Governor (now Governor) has to function as the Visitor of the University. A person of the eminence of Dr. Nagendra Singh, President of the International Court of Justice at the Hague, is the Chancellor of the University. Some of the highly respected, qualified and well-known persons like Dr. L.K. Jha, Dr. N.S. Randhawa, Dr. S.Z. Qasim, Dr. P.N. Shrivastava, Dr. D.H. Pai Panandikar, Dr. V.A. Pai Panandikar, Dr. R.C. Paul, Shri Shyam Benegal, Dr. Hari Jaisingh, Dr. Rashpal Malhotra, Dr. Raes Ahmed, Shri Prakash Tendon, etc., have been associated with this young University right from its inception(Dr. Jha , however, resigned on being nominated to Rajya Sabha).

The CPIR really formed the nucleus of the new University It had facilities for post-graduate education in 13 subjects, viz. English, Hindi, Marathi, French, Economics, History, Political Science, Sociology, Philosophy, Mathematics, Physics, Chemistry and Microbiology. Immediately after the setting up of Goa University, separate departments for each of these 13 subjects were set up. In addition, two new departments of Marine Science and Geology were started in the year 1985-86 . During the year under report (1986-87), Departments of Konkani and Neo-Latin Languages were created. Action was also initiated to set up Departments of Computer Science & Technology and Commerce.

At the end of 1985-86, the University had a teaching staff of only 23 persons. During the year under report 28 more teachers were recruited.

The University continues to be temporarily accommodated in four spacious blocks of the Goa Medical College Complex. The programme of the construction of the campus of the University at the BaMbolim-Taleigao plateau (near Panaji) where Goa Government has acquired an area of 192 hectares for the establishment of the University campus has been

divided into two phases the first to be completed in the Seventh Plan (1985-90), and the Second phase in the .Eight Plan (1990-95) M/s. Design Plus, an internationally•reputed architectural firm, have been chosen as architects for the University Campus. Project Management Consultants for the University Constructions project have also been appointed.

In the first year of the existence of the University, it had a budget provision of Rs. 67.86 lakhs, which was fully utilised . For the year 1986-87, an outlay of Rs. 378.00 lakhs was provided for Goa UnDrersity of which R3.87.50 ldkhs was for recurring expenditure and Rs. 290.50 was for non-recurring expenditure 1 the latter included the expenditure on the construction of the University Campus (Rs.258.54 lakhs).

The major component of the recurring expenditure was an salaries and establishment charges, library books and publications , examinations expenses, Students' welfare, Board of Extra-Mural Studies, expenditure on visiting Professors, contributory teachers, etc. On the non-recurring side, the expenditure incurred was madnly on construction of buildings like Administrative Blocks, Guest house-cum-for teachv ng and non-teaching staff and other building Teachers Hōstel, residentin'i buildings/in tne university Campus. The University Budget at a glance for the year 1986-87 is given in Annexure I.

During the year under report the Executive Council accepted donations form the following persons for creation of endowment to institute Scholarships/prizes at different examinations.

1. Smt. Hirabai Rudraji Sardessai (ViMaltai Usgaonkar)prize in B .Com. and B.A. (Philosophy)
2. The Venkatesh Govind Sinai Virginkar , B.A. prize in French (major) and the Venkatesh Govind Virginkar M.A. prize in French.
3. Mrs . Manju Ghanashyam Nagarsekar Scholarship in B.A. (English).

During the year under report Mr. John Gunther Dean, . U.S. Ambassador to India visited the University. He delivered a , talk on "Exchange of Science and Technology between United ;

States and India".

The Planning Board of the University decided that Computers be used for the University's administrative functions • It was felt that the introduction of the new technology would help overcome the problems of documentation of records. Accordingly, a computer system was commissioned in March, 1987. With the installation of this in-house computer facility, many of the important functions in the administration in the University are expected to be tackled expeditiously and with great efficacy.

Separate lists of the Executive Council, the Academic Council, the Senate (Court) and the Planning Board are given in Annexures II, III, IV and V, respectively. A list of the various officers of the University is given as Annexure VI. The details regarding the meetings of the Executive Council and the Academic Council and the important decisions taken by these University Authorities during the year under report are as follows.

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

- i) Appointment of Director of Students Welfare & Cultural Affairs, Director of Sp, , Director of Extra-Mural Studies and Co-ordinator for the Department of Commerce and Business Administration.
- ii) Appointment of part-time Medical Officer to treat the students and the employees of the University
- iii) Computerization of administrative work in the University
- iv) Temporary affiliation for the year 1986-87 to the following colleges -
 - a) Gee Vidya Prasarak Mandal's College of Commerce, Ponda
 - b) P.E.S. College of Arts & Science, F, rmagudi
 - c) Goa College of Engineering
- v) Membership of the Association of the Commonwealth Universities.
- vi) Creation of teaching and non-teaching post for M.C.A. Course.

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- vii) Opening of Bank Counter at University Cam?us.
- viii) Approval of the plan for development of Marine Science Department in the University.
- ix) Ratification of the membership of the Staff Selection Committee
- x) Approval of the report of the Computer Selection Committee.
- xi) Approval to the proposed amendment to Goa University Act 1984.
- xii) Amendment to First Statute 11(1), 11(2) regarding constitution of Planning Board.
- xiii) Approval to the appointment of Professor in English
- xiv) Approval to the appointment of Professor in Konkani
- xv) Approval to create two separate posts of lecturers, one for French and the other for Portuguese in place of only one post for French-cum-Portuguese
- xvi) Approval to the payment of "Sitting fees" to the members of the various Boards/Committees etc. other than the Statutory Authorities of the University for University work.
- xvii) Holding of Golden Jubilee Session of Indian History Congress by Goa University in October-November, 1987.
- xviii) Approval of new Statutes S.54 (regarding Convocation), S.99 (Regarding appointment of Chancellor) and S.100 (regart: Grivence Removing Machinery).
- xix) Nomination of Affiliation Inquiry Committee members under Statute S.49 - 1(5)
- xx) Setting up of the Department of Management Studies by Goa University by seeking experts' assistance.
- xxd) Approval to the appointment of Legal-Advisor for the University to seek proper advice to the University authorities in dealing with complicated cases having legal angle.

- xxii) Banking facilities at the University premises at Bambolim
- xxiii) Approval to the appointment of teachers in various affiliated Colleges in Arts, Science and Commerce.

The Academic Council held three meetings during the year under report. The important decisions taken by the Academic Council in these meetings are given below.

- i) Approval of the syllabi, books and pattern of examination as prescribed by University of Bombay for the academic year 1986-87.
- ii) Approval to the proposal for starting a Management Diploma Course at Panaji, by Goa Institute of Management Studies.
- iii) Approval to the Ordinances 0.2 to 0.15 framed by the Committee
- iv) .Approval for application of syllabi!, rules and regulations of University of Bombay for passing examination of **114141Kaof Bomblay for the year 1987. 88** or till such time this University frames its own syllabi, ordinances, rules and regulations on the subject.
- v) Approval of ordinances 0.16 (Committee for Appointment of Examiners) and 0.17 (ordinance prescribing duties of the Teachers- **and** work-load of the teachers in the Departments of the Goa University).

During the year under report in order to frame statutes, the Vice-Chancellor nominated a small committee under the Registrar's Chairmanship with the Principal of Chowgule College and the Assistant Registrar of the University as members. This Committee framed several statutes which are serially numbered from 3.36 to S.100, list of which is appended as Annexure VII, (the first 35 statutes have already been published in the schedule to the Act). These statutes were approved by the **Executive** Council and assented to by the Visitor • Some amendments to the first statute under the Act were approved by the Executive Council and sent to the Visitor for his assent during the year under report.

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Under the provision of the Section 24 of the Goa University Act 1984, the first ordinance to be made by the Vice-Chancellor has to be with the/previous approval of the Government. Accordingly the Vice-Chancellor made the First Ordinance regarding the conduct of business of selection committee meetings for selection of candidates for a)pointment to the post of Professor⁻, Reader and Lecturer. It was approved by the Government.

The additional ordinances framed by the Committee appointed by the Vte-Chancellor under the chairmanship of the Dean, Faculty of Pure Sciences which were approved by the Academic Council in its 4th Meeting held on 20/12/86 and by the Executive Council on 14/3/1987. A list of the Ordinances 0.01 to 0.18 is appended as Annexure VIII.

This report is divided into four chapters. Besides the current Chapter 1, which gives an overview of the activities of the University, Chapter **2** covers the act⁴'-ities of the Post-graduate Departments, Chapter ' **3** covers the Under-graduate Studies. . Affiliation of the Colleges and brief activities of the affiliated colleges and the recognised institutions, The Library facilities and extra-curricular activities of the University as well as the project for-preparation of Konkani Encyclopeda are covered in Chapter 4 •,

Post-Graduate Departments of the University

A list of Post-graduate Departments of the University giving statistical and general information is given in respect of each of them/vide ANNEXURE - IX • List of Ph.D. students registered in the different departments is given vide ANNEXURE - X. The details of activities of each of-the departments are discussed below :

Department of Chemistry

I. General :

The Chemistry Department consist of three . disciplines i.e. Inorganic, Organic and Physical Chemistry. Post-graduate degrees are awarded in each of the disciplines separately.

Teaching staff

Name	<u>degree</u>	<u>position</u>
1. Dr. S.K. Paknikar	M.Sc. (Poona) Ph.D. (Poona)	Professor & Head of the Department
2, Dr. V.N. Kamat Dalal	M.Sc. (Poona) Ph.D. (IIT Bombay)	Reader

<u>Name</u>	<u>degree</u>	<u>Position</u>
3. Dr. J.K. Kirtany	M.Sc.,M.D.(CPIR.	Lecturer Bombay University)
4. Dr. B.D. Desai	M-Sc.,Ph.D.(CPIR	Lecturer Bombay University)
II. <u>Visiting Teachers</u>		
Dr. M.S. Kulkarni M.Sc. Ph.D.	:	Reader in Inorganic Chemistry, Chemistry Department, Poona University, Pune delivered 15 lectures to M.Sc. Part I students in Inorganic Chemistry Paper I Section II.
Dr. T.S.S. Rao /11.Sc.,Ph.D.	:	Reader in Physical Chemistry, Chemistry Department, Poona Univer- sity , Pune, delivered 20 lectures to M-Sc. Part-I students in Physical Chemistry Paper - II.
Dr. N.B. Laximislwar	:	Lecturer in Physical Chemistry, Dept, M.Sc.,Ph.D., F.I.C. of Physical Chemistry, Institute of Science, Bombay.
Dr. C.K. Bhaskare	:	Reader in Inorganic Chemistry, Chemistry Department, Shivaji University, Koihapur.

III, Publications

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Dr. V.N. Kamat Dai.al i) Discharge
characteristics of

CMD, EMD, RHO and synthetic
Birnessite in Concentrated
Alkaline. Electrolytes: R.A.S.
Dhume, B.D. Desai and V.N.
Kam .t Dalai: of Tower Sources
(in print)

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- ii) Applicability of four/models to the discharge behaviour of different phases of MnO_2 in alkaline and acid/neutral electrolytes.

R.A.S. Dhuma, E.D. Desai, and V.N. Kamat Dalal, J. Appl. Electro-chemistry (in print)

Dr. B.D. Desai - To Refer (i) and (ii) above.

(I) Studies of suitability constants of complexes of some metal ions and rare earth metal ions with 5 Benzal - 3 phenyle, 2 Thioxo - 4 imidazolions Pritam Verma, Celine D'Souza and N.B. Laximishwar; J. Ind. Chem. Sec. Vol LXII Feb.86.

ii) Paper presented at 23rd Annual convention of chemists at Anamaldi University 20-24 Dec., 1986.

iii) Written text book of physical chemistry for T.Y. B.Sc. Bombay University, 20-24 Dec. 1986.

Research students quidd : two

I. i) Title of the thesis : Studies on Manganese dioxides - A Battery chemistry.

ii) Degree Awarded: Ph.D.

iii) University & Year: Bombay University

iv) Name of the candidate
: Shri R.A.S. Dhume.

II, i) : A study of major and minor elements in Mahi River Estuary, Gujarat.

ii) iii) as above.

iii) Name of the candidate: Shri P.S. Narvekar

Research students for Ph.D. degree.

Dezartment of Computer Science & Technology

During the year under Report, University has taken a decision to introduce a three year post-graduation Degree Course of MCA (Master of Computer Appli:iation) from the academic year 1987-88. Since Computer Science is relatively a new branch of education, University had appointed a committee to advise on various aspects of starting this new course of study . The Committee comprised of such eminent teachers in Computer Science as Professor P.G. Reddy of the University of Hyderabad, Prof. J.R. Issac of the IIT, Bombay, Prof. S.M. Vaidya, Director of the Regional Computer Centre, Pune and Dr. C.S. Mehta of the Electronic Commission, New Delhi. This Committee met and deliberated on the various asr_ects of starting a "Faculty of Computer Science and Technology". However, the committee has advised University to go rather causiously in developing this branch of education and has recommended that to begin with, only a three year post-graduate Degree Course leading to the Degree of M.C.A. An annual in-take of 30 students has been suggested for this course.

The committee has further recommended that we should immediately acquire necessary Computer equipment for conducting the MCA Degree Course, the most suitable configuration of equipment (i.e. Computer hardware as well as software) for this course being worked out in consultation with Prof. Reddy and Prof. Vaidya. The total non-recurring expenditure on acquisition of the hardware and software for this Computer Ccntre, site preparation, air-conditioning , electrical filctures and fittings etc. is estimated to cost Rs. 30.00 lakhs approximately.

De2artment of Economics

I. Teaching Staff:

Name	1921 ^{2.6} .1	position
1. Dr.M.A. Shahi	B.A. (Hons) ;M.A. (Mysore) ;M.A. (Chicago) ;Ph.D. (Kent) ; F.S.S. (London) .	Professor & Head of of the Department.
2, Dr. A.R.Padoshi	M.A. ;Ph.D.	Reader in Economics

Name	degree	Position
3. Mrs.S.M. Noronha	B.A.(Hons); M.A;D.H.E.	Lecturer in Economics

II. Visitors

Dr. T.K. Methi, M.A.,
Ph.D. Professor & Head of the Department of
Studies in Economics, Karnataka
University, Dharwad.

Dr. M. Madaih, M.A.
(Mysore), Ph.D. (S. Illinois) Professor & Chairman, Department of
Studies in Economics, University of
Mysore, visited the University as a
member of Panel of Examiners. He also
delivered a public lecture arranged
by the Department on "The Emerging
International Debt Crisis".

III, Publications

Dr. M.A. Shahi
Published

(i) "The Balance of payment as a Monetary Phenomenon, Some
Empirical Evidenree from Sudan 1961-81", (Co-author:E.
Contogiannis The Asian Economic Review, VOL:20 No.3,
December,1986. pp.81 - 102.

Forthcoming

- (i) "International Reserve Flows and Monetary Equilibrium in
Sudan". (Asian Economic Review)
- (ii) "Monetary Velocity in Sudan" (Indian Economic Journal)
- (iii) "Tax Ethics, Unaccounted Income or Black Money; The norm
of the Day". (Book Review; Asian Ecponmic Review)

Ready for Publication

- (i) The Demand for Money in African Countries : Some
Emperical Evidence, 1960-82.
- (ii) Sector Shares and Economic Development 2
A Re- examination of the Kuznets' Hypothesis.
- (iii) Labour's Share and Labour Productivity and Economic
Development : Some Cross - Section Evidence.
- (iv) Between Two Cross-Sections; Trade Structure and Economic
Development.

In Progress :

- (i) "The Stability of the Multiplier in Developed and
Developing Countries".

(ii) "An ARIMA Approach to Forecasting the Call Money Rate-
the Case of India",

Dr. A.R. Padoshi

Eady_for

(i) "Trends in the Economics Development of Goa in the 1980s".

ii) "Growing Disparity in the Distribution of the ,Operational
Holdings: Study of Agriculture of: Goa",

iii) "Economic Planning and the Market Mechanism in the
Socilistic Economics °

iv) "Agriculture in Goa-Trends and Prospects".

In Proccess:

(i) "An Evaluation of Land Reforms in Goa".

IV. Research Students;

Name of the Research Guide	Research No.	of Thesis Submitted/degree students	awarded.
1.Dr. M.A. Shah!	Ph.D.	1	
2.Dr. A.R. Padoshi	Ph.D.	2	.o••

De
partment of English

General:

1. Professor B.V. Nemade, M.A., Ph.D.

(i) Participated in a National Writers' Camp on New Trends
in Indian Literature organised by National book
Trust India, at New Delhi.

(ii) Presented a paper on "Sahityachi Bhasha" in a seminar
on Litrary...llhvta organised by G.E. Society's
College, _____ 24m28.,12u_ at Nasik,

(iii) Participated in a UGC seminar on Comparative
Literature organised by Government College of Arts
& Science, at Aurangabad.

- (iv) Presented a paper on "Translation Culture in Western India" in a seminar on The Problems of Lexicography and Translation organised by Sahitya Akademi, New Delhi and Konkani Akademi, at Panaji.
- (v) Presented a paper on "The Indianness in Indian Writing in English" in a seminar on Indian Writing in English organised by the Department of English, University of Bombay, at Bombay.
- (vi) Presented a paper "Kim: Kipling's Imperial Balance" in a seminar on Kipling's India Organised by the Association for Commonwealth Literature and Language Studies, bhavanvaloka at Mysore.
- (vii) Presented a paper on "Some Stereotypes in the Comparative Study of English and Indian Literature" in a Seminar on Comparative Literature organised by the Department of English, Willingdon College, at Sangli.
- (viii) Participated in a Seminar on Indian Acculturation and Post-Modernisation organised by Saket Prakashan, at Aurangabad.
- (2) Dr. S.S. Kulkarni, M.A., Ph.D.
Attended the two-day workshop on "The Teaching of Literature" conducted by the Department of English, Goa University.
- (3) Dr. A.K. Joshi, M.A., Ph.D.
Presented a paper on "The Western concept of Feminism: its relevance for the Indian Ethos" organised by Kerala University at Trivandrum.
- (4) Dr. F.A. Fernandes, M.A., Ph.D.
- (i) Participated in a seminar on Teaching of English in Rural Area organised by the U.G.C. & S.P.K. Mahavidyalaya, Savantwadi (University of Bombay), at Savantwadi.
- (ii) Participated in workshop on Teaching of Literature organised by the Dept. of English, Goa University, Panaji.

Teaching Staff:

1. Dr. B.V. Nemade, M.A.(English), M.. (Linguistics), Ph.D.,
Professor and Head of th,, - Department.
2. Dr. S.S. Kulkarni, Ph.D.
Reader
- 3, Dr. A.K. Joshi, M.A. , Ph.D.
Lecturer
4. Dr. P.;t. Fernandes , M.-. , Ph.D.
Lecturer.

Note: Dr. B.V. Nemade ioined the Department on 23-1-1987.
Dr. S.S. Kulkarni was Reader and Head of the
Department till 22-1-1987.

11. Visiting Teachers I

- (i) Dr. Shymal Bagchee , Associate Professor of English,
University of Alberta, Canada delivered two lectures
on the poetry of T.S. Eliot and two lectures on
Cgnadian Literature,
- (ii) Dr. Christopher Rene Leneson, Professor of English,
Carleton University, Can-a delivered four lectures
on 20th Century: British Literary Autobiographies and
two lectures on Canadian Literature. He also recited
his own poems.
- (iii) Dr. Vinod Sena, ProTessor of English, Delhi University
delivered two lectures on W.B. Yeats
- (iv) Shri P.Lal Publisher , l'oet and Translatardelivered
a lecture on Translation.
- (v) Mr. Alan Duff - Freelance Writer,
British Council Expert, U.K. conducted
a workshop on Teaching of literature.

Professor Nission Ezekiel, M.A. , Poet and formerly
Professor of English, University of Bombay, &livered two
lectures everyday for six days on American Literature and
Modern British Literature and also gave recital of his
peomd at the Colleges.

III. Publications:

(1) Professor B.V. Nemade

Books:

- I) Sahityachi Bhasha Aurangabad Saket Prakashan, 1987.
- ii) Translation of Tukaram (English into Tamil, Trans. R.K. Nagu) New Delhi: Sahitya Akademi, 1986).
- iii) Translation of Tukaram (English into Malyelam, Trans. N.E. Vishwanathan Iyer, New Delhi: Sahitya Akademi, 1986)
- iv) Translation of Tukaram (English into Kanada, Trans. Krishna Kolhara Kulkarni, New Delhi: Sahitya Akademi, 1986).

Articles in English

- i) Introduction to Unswept House, a collection of poems by C. Gaus Bhaktul, Aurangabad A Mussane Feen, 1986.
- ii) "Marathi Novel (1950-1975)" G.N. Deyy, SETU, 1986, pp.29-70.
- iii). "The Tragic Profile of William Golding. William Golding An Indian Response • Eds. Satyanarayan Singh at New Delhi Arnold Heimann, 1987, 143-47.

Articles in Marathi

- i) "Sahityachi Bhasha". Alochana 249, May 1986, pp.1-42
Also in Anushtubh May - June 1986, pp. 3-20, 42-47.,
- ii) "Interview" by R. Muli et al. Gulmohar, Diwali number, 1986. pp. 116-21.
- iii) "Akkarmashi". Divyadhvani * Diwali number, 1986, pp. 117-21.
- iv) "Interview" Dalit Sahitya.: Pravaha ani .FatikriVa.
Ed. G.M. Kulkarni, Pune: Ptatima Prakashan, 1986, Pp . 134-41.
- yl "Tarihili Purya₁-DiWali₁nuMber, 1986, pp. 94-95.

"Sahityatil Addhunikikaran", Eds.-Kamal Mule.

- Atrangabad: Vichar Prakashan, 1986, pp., 137-42.

vii) "Kadambari", Marathi Sahitya; Preana Va Svarup : 1950-75₀
Eds, G.M. Pawar and M.D. Hatkarnangalekar, Bombay's
Popular Prakashan, 1986 pp. 13-75.

(2) Dr. S.S. Ktlkarni

An article on "Rabindranath Tagore as a Playwright",

Rabindranath Tagore: His life and Genious

Directorate of Sports and Cultural Affairs, Govt. of Goa,
Panaji..

(3) Dr. A.K. Joshi

1. "Caudwell and Marxism : A Disputed Relationship, "New
Quest, Jan-Feb. 1987, pp. 31-36.

2. "The Western Concept of Feminism: Its relevance for the
Indian Ethos, "Feminism and Literature. Trivandrum:
University of Kerala, 1987.

Research Students

Name of Research Guide	Research degree	No. of students working	Thesis submitted/ degree awarded.
	Ph.D.	3	

Duartment of French

General:

1) Dr. M.L. Sardessai participated in/gave talks on the
Workshop on preparation of a French Text-book for
Goan Schools organised by the S.S9. & H.S.S. Board
of Goa, Daman and Diu in collaboration with Alliance
Francaise de Goa - at Panjim.

ii) Study visit to Kannada Encyclopaedia office and Central
Institute of Indian Languages, Mysore ,University, **on**
behalf of Konkani Vishvakosh Goa University,

- id) A talk by Dr. M.L. Saxessai on "Tagores Childhood" under the auspices of Directorate of Sports and Cultural Affairs Goa, in Panjim on 9/5/87.
- iv) Participated in the World Biennale of Alliance Francaise held in New Delhi and delivered a talk on Problems concerning Teaching of French in Goa.
- v) Published an article on "Tagore and Rousseu as Educators: a parallel " (in English, Marathi, and Konkani) in "Rabindranatn Tagore: His life and Genius" published by the Directorate of Sports and Cultural Affairs.
- vi) Dr, M.L. Sardessai actively participated in a Folkloristic Survey of Chimbhel Village, under the auspices of Goa Konkani Akademi and with the help of the Folklore unit of Mysore University.
- vii) Dr. M.L. Sardessai participated in the programme of the publication of Mahabharata in Konkani at the hands of the Prime Minister Rajiv Gandhi in New Delhi on 5/9/87.
- viii) Talks on History of French Literature "Under the auspices of Alliance Francaise de Goa , in Panjim.
- ix) Dr. M.L. Sardessai gave talk on "Education in Goa-today and tomorrow" under the auspices of the Silver Jubilee celebration Committee of Konkani. Bhasha,, Mandal at Canacona.
- x) Dr. M.L. Sardessai gave a talk on "Konkani Literature today and tomorrow "Under the auspices of the Silver Jubilee Celebration Committee of Konkani Bhasha Handal,
- ?
- xi) Dr. M.L. Sardessai organised and-actively participated in the Workshop on "Konkani Orthography" under the auspices of Goa Konkani Akademi , in Panjim on 20/9/87.
- xii) Talk on Paris-All India Radio Bombay
- xiii) Presided over the Poets Meet and recited his poems.
(Antar-Bharati) . .19/-

xiv) Recited poems before students of Shradhananda High School Paingnim (Goa University extramural activities unit).

II. Teaching Staff 2

i) Dr, M.L. Sardessai M.A. (Bombay), Docteur es Lettres (Paris) Head of the Department of French.

ii) Miss Belinda Fernandes, M.A. (Bombay), Lecturer in French (joined on 20th June. 1987.

Publications:

i) Article by Dr. M.L. Sardessai on Survey of Konkani Literature : 86 in "Indian Literature - Sahitya Akademi Annual" 1987,

ii) Article by Dr. M.L. Sardessai, on "What's a Good Poem" in A symposium Indian Literature.

Research Students:

Name of Research Guide	Research No, degree	of students working	Thesis submitted/ degree awarded
1.Dr.M.L.Sardesai		4	

Department of Geology

General: the Department

Teaching and Research staff in

During the period under review the Department did not have full-time teaching and research staff.

Visitors:Dr. A.M. Mindsezenty, M.Sc. ,Ph.D. Research Associate Dcpartment of Mineralogy and ore Deposits, Evtvos L. University,Budapest, Hungary visited the Department in connection with field work to study laterites and bauxites from Goa and adjoining areas. She also delivered a lecture on her observation on iaterites from Goa.

2. Dr, A.G. Dessai, M.Sc., Ph.D. ,Lecturer in Geology, University of Poona, Pune, engaged some lectures in Igneous patrology and Economic Geology for the M.Sc. Geology students as a visiting lecturer.

Department of Hindi

I. General: (a) A seminar wes organised as a part of the cenetary celebrations of the national Hindi poet Late Shri Maithili Sharan Gupta.

- (b) Dr. A.K. Pandey attended seminars and read papers on Saket at Karnataka University, Dharwad, and on YaShodhara at Osmania University ,Hyderabad, and on Modern Poetry at Women's P.G. Centre of Osmania University.

II, Teaching Staff:

1. Dr. A.K. Pandey, Reader & Head Qf the Department.

III. Visits

Prof. Vasant Dev, M.A.

IV. Publications: ¹Adhunik K₁vi - Rachana Aur Shilp', by Dr. A.K. Pandey.

V. Research Students:

Name of the Research Guide	Research degree	,No.of students working	Thesis submitted/ degree awarded
1.Dr.A.K. Pandey		4	1 (Submitted thesis)

Department of History

I. General :

1. Dr. B.S. Shastry made a 15 day study visit to the Tamil Nadu State Archives to study the Portuguese manuscripts at the Archives.

2. Dr. B.S. Shastry delivered some lectures on Indo-Portuguese History as well as on the History of Japan at Department of History , Snri Krishnadevaraya University, Anantapura, Andhra Pradesh as Visiting professor.
3. The Department orgctild jointly with the Directorate of Archives, Archaeology and Museum, Government of Goa, a 2-day seminar on Local History (Goa) at the University.
4. Dr. B.S. Shastry participated in :
 - i) 1-day workshop on Adult Education, Gujarat Vidhyapith, Ahmedabad.
 - ii) 3-day National Seminar on "The Freedom Movement in India", Bangalore University, Presented a paper entitled "Freedom Movement in Goa: An Interpretative Note".
 - iii) 2-day seminar on "The Semester System" Goa University.
 - iv) 2-day Seminar on "Indian Foreign Policy", Goa University, Presented a paper entitled "Indo-Portuguese Relations 1961-1980".
 - v) 2-day Seminar on 'Local History (G0a) Cultural Trends Through Ages' o Goa University yiresented a paper, "The Church and the Women: A Social View".
5. Dr. K.M. Mathew participated in a 2-day Seminar on 'Local History (Goa); Cultural Trends Through the Ages', Goa University.

Teaching Staff :

1. Dr. B.S. Shastry, M.A. , Ph.D., Reader and Head.
2. Dr. K.M. Mathew, M.A., Ph.D., Lecturer (joined the department on 31.1.87).

III. Visiting Teachers:

Shri C. Veerabasanna, Reader, Department of History and Archaeology , Karnataka University gave 12 lectures on the French Revolution.

Dr. Lewis Perry, Professor of American History, delivered a lecture on "Legitimacy and Civil Disobedience: A Problem in 20th Century American 'Social Thought'".

TV. Publication :

- (1) Dr. B.S.Ehastry, "Freedom Struggle in Goa: Its Nature and Phases", Goa Wins Freedom : Reminiscences Reflections , B.Sheik Ali, Bambolim ,Goa University, 86.
- (2) Dr. K.M. Mathew (Executive Editor), Goa Wins Freedom : and Reflections, Bambolim Goa University, 1986.

V. Research Students

Name of the Research Guide	Research degree	No.of students working	Thesis submitted/ degree awarded
1. Dr. B.S. Shastry	M.A.	1	
	Ih.D.	9	
2. Dr. K.M.Mathew	Ph.D.	4	

VI. Research Project:

Dr, B.S., Shastry,, Goa Through the Ages tin collaboration with Dr. B.Sheik Ali, Dr. P.P. Shirodkar, Dr. Joseph Barros and Dr. T.R. Die Souza.)

----- Department of Konkani-

During the Year under report the University decided to set up a Department of Konkani. Accordingly, action was taken to fill up the faculty positions.

Department of Marathi

I, General:

Departmental Teaching Staff:

1. Dr. P,B, Wader, M.A.,Ph.D. - Reader & Head of the Dept.

Contribution to curricular activities

- i) Dr. P.B. Wader, Head, of the Department participated in the Seminar drganised by Sahitya Akademi and Goa Konkani Akademi at Fanaji on the problems of lexicography and translation in Konkani, Marathi, Sindhi and Gujarat with

special reference to Konkani

- ii) Dr. Wader was invited by Nagpur University for two weeks as a visiting professor. He delivered 16 lectures to Post-graduate and M.Phil. students on various topics
- iii) Dr. Wader participated in the seminar on "Maithili Saran Gupta" organised by Hindi Department of Goa University.
- iv) The Department organised a seminar on "25 years of Marathi Literature written by Goan writers - From 1961 to 1986".
- v) Dr. Wader participated in the seminar on "Contemporary story Novel and Short story in Marathi" organised by All India Marathi Literary Conference held in Bombay.

(by Dr. P.B. Wader)

- i) "Konikadun Fonikade" - Translated short stories.
- ii) St ri-tir a.ya - "Collection of Women's Folk Songs from Goa and Maharashtra". Edited in collaboration with Dr. R.V. Pandit.

Articles;

- 1) "Adhunikata an! Marathi Kavita" - 'Samuchit' - April 1986
- 2) "Marathi - Konkani Wad" - Utsav, i'iwali November 1986
- 3) "Gomantakiya Marathi Kavita - 1961 to 1986 - included in the late B.S. Pandit Commemoration Volume - to be published shortly by Nagpur University, Nagpur.
- 4) Book Reviews in various periodicals in Marathi.

Department of Marine Science

General: The Department has cooperated with National Institute of Oceanography in the training of the students in Marine Science.

A National Workshop on the "Marine Science Curriculum at the Postgraduate Level" was organised under the sponsorship of Goa University, Department of Ocean Development, Govt. of India, New Delhi, and the National Institute of Oceanography, Goa. This workshop was well attended by representatives of

all maritime Universities and IIT's • The workshop was inaugurated by Dr. B. Sheik Ali, Vice-Chancellor and the Keynote address delivered by Dr. S.Z. Qasim, Secretary, Department of Ocean Development.

laahing_staff : Dr. T.S.S. Rao, D.Sc., F.N.A.Sc. - Coordinator & Head of the Department.

Vtsits abroad: Dr. T.S.S. Rao attended the Law of the Sea conference at the University of Miami, Florida as an invited speaker. He delivered a lecture on the New Law of the Sea and the Developing Countries" and also finalised a proposal for an international seminar on the Law of Sea, at Goa University in 1988, co-sponsored by the department of Ocean Development and National Institute of Oceanography.

Publications : The proceedings of the Workshop on "Marine Science curriculum at the Post-graduate Level" was published by Goa University with the financial support of the Department of Ocean Development, Govt. of India, New Delhi.

Research Project: A project entitled "Bioenergetic pathways of intertidal animals" was submitted to the Department of Ocean Development for funding.

Department of Mathematics

General:

Seminars Conferences, Workshops.

A one-day Symposium was organised by the department to celebrate the birth centenary of Indian Mathematician S. Ramanujan • Dr. B. Sheik Ali, Vice-Chancellor of the University presided over the function. Professor S. Srinivasan TIFR, spoke on life and work of [S. Ramanujan](#). Satish Shetye from NIO gave a talk on 'Mathematics in Oceanography'. Dr. R.B. Prabhu of Goa University gave a talk on 'Mathematics in Physical Sciences'. Dr. M.T. Nair of Goa University gave a talk on 'Mathematics in Computer Graphics'. Professor S.G. Deo of Goa University gave talk on 'Mathematical Modeling', and Dr.B.L. Shastry of Engineering College gave a talk on 'mathematics in Management'. The seminar was attended by 35 participants ,

including Scientists from the NIO, College and University teachers and Postgraduate students

(i) Professor S.G. Deo gave (a) a course of lectures in ODE at the Indian Institute of Science for teachers under QIP Programme , (b) - course of lectures on "Introductory Mathematics at Saraswati Bhuvan College, Aurangabad under the UGC's COSIP programme and (c) a lecture on "Mathematics and Human Needs" in the post-graduate council of Goa University .

(ii) Dr. M.T. Nair gave two lectures on 'Spectral Variations and Numerical Approximations' in Calcutta University .

Teaching Staff :

- (i) Dr. S.G. Deo M.Sc. - Professor & Head of the Department
- (ii) Dr. Y.S. Prahlad M.Sc.Ph.D- Reader
- (iii) Dr. M.T. Nair M.Sc., Ph.D- Lecturer (Joined in February, 1987)

Visiting Teachers

Dr. R.Y. Kasture, Reader, Marathwada University, Aurangabad had delivered 12 lectures.

visitors

- (i) Professor S. Srinivasan, School of Mathematics, Tata Institute of Fundamental Research, Bombay, visited the Department on March 22, 1987, to give a lead lecture on the occasion of centenary celebration of Indian Mathematician, Shrivasa Ramanujan.
- (ii) Dr. D.Y. Kasture, Reader, Marathwada University, Aurangabad gave a talk.
- (iii) Professor P.L. Sachdev, Department of Applied Mathematics, Indian Institute of Science gave a lecture on 'Wave Mechanics ' on March 7, 1987.
- (iv) Professor J. Paumier of University of Grenoble France gave a talk on 'modern Methods in Applied Mathematics' on April, 24, 1987. ..26/-

<u>Research Students</u>	<u>Part time</u>
(1) Dr. S.G. Dec	1
(2) Dr. 1.6. Prahlad	2

Shri r.T. Vaz was awarded Ph.D. degree for his thesis 'On •Integral Equations Involving Two Independent Variables'. He worked under Professor S.G. Dec

Department of Microbiology

I. General :

A. aRagtment4,A teQhiru Staff

- (i) Dr. Suneela Mavinkurve - Ph.D Reader
- (ii) Dr. Joe D'Souza - Ph.D. Lecturer
(on leave , March 86 - July 1986;.Sept.1986 - Aug.1987)
- (iii) Dr. Irene Furtado - Ph.D. Lecturer
(on leave vacancy w.e.f. October 9,1986 - June 6, 1987)
- (iv) Dr. Albert Araujo - Ph.D. Lecturer
(w.e.f. February 2,1987- Till June 22,1987)

Contribution to co-curricular activities of the University

Dr. Irene Furtado, a lecturer in this department accompanied the Goa University contigent for National Youth Festival held at Annamalai University .

II. Visitors :

- (i) Dr. A.V. Sathe, a Scientist from Maharashtra Association for the cultivation of Science,Pune delivered a series of lectures on "Taxonomy and Cultivation of Edible Mushrooms* .
- (ii) Dr. Rajni Govindjee, a Sr. Research Associate from the Department of Biophysics, University of Illinois of Urbana, U.S.A. paid a visit to the Department and delivered a talk on 'Energy-Transducing System of Halobacterium Halobium the Perple Membrane.
- (iii) Shri G.I. Hukkeri, lecturer in Botany Department

of Dhempe College has been extended certain working facilities to carry out Microbiological studies on fibre yielding plants of Goa.

Visits abroad :

Dr. J. D'Souza, Lecturer in Microbiology, visited the following institutions in U.F.A.

i) University of California, Berkley

-Fulbright visiting scientist - "Single Cell proteins of blue-green algae."

ii) Massachusetts Institute of Technology International Visiting scientist, sponsored by

-/Foundation - "Cellulase production in Clostridium thermocellum"

iii) Rutgers University, New Jersey - Course on recombinant DNA Techniques.

TV. Publications: Following research articles authored by staff members have been published/accepted for publication,

i) Characterization of Cellulolytic Enzyme Component from Aspergillus Terreus and its Mutant
Araujo A. and D'Souza J.

J. Ferment Technol (Japan) 64 (5) 463-467 (1986)

ii) Enzymatic Saccharification of Rice Straw and Biomass

Araujo A and D'Souza J.

Biotech Bicent (U.S.A.) 38 1503-15409 (1986)

iii) Degradation of Ferulic Acid Via 4-Vinylguaiacol by Fusarium solani (Mart) Sacc. Nazareth, S. and Mavinkurve, S. Canad. J. Microbiol (Canada) 32 494-497 (1986).

iv) Growth of Hydrocarbon- Utilizing Microorganisms, Bhosle N.B. and Mavinkurve, S. Ind. J. Mar. Sci. (India) 15, 52-54 (1986)

v) Mechanism of Uptake of - Santonin by Pseudomonas Cichorii
S. Furtado, I. Sangdkar, U.M. and Mavinkurve, S. Biotech. Bioeng (U. S.A.) in press.

vi) Laboratory Studies in Yetting of Coconut Husk. Nazareth S. and Mavinkurve, S. International Biodeterioration (U.K.)

accepted .

vii) Isolation of Potential Ligninolytic Organisms. Nazareth S. and Mavinkurve S. International J. Microbiol. (U.K) accepted.

viii) Santonin 1,2, Reductase and its Role in the Formation of Dihydrosantonin and lumisantonin by Pseudomonas Can. J. Microbiol. (Canada) in press.

ix) Microbial transformation of -santonin by Pseudomonas

Cichorii

S. g Identification of products. Naik, U.P. Mavinkurve S. Naik, U.S. and Lakshkar, S.K. Ind. J. Chem. (India) accepted.

Research Students

<u>Name of the research Guide</u>	<u>Research degree</u>	<u>No. of students working</u>	<u>thesis submitted/ degree awarded</u>
S. Mavinkurve	Ph.D.	2	2
J.D:Souza	M.Sc.	2	

Study Tour

In order to expose the students to the developments in the various microbiology areas, the students of M.Sc. Part II were taken on a study tour to the following institutions in Pune.

- i) Department of Microbiology, Botany and Zoology, University of Poona.
- ii) National Chemical Laboratory, Pune
- iii) Maharashtra Association for the Cultivation of Science.
- iv) Serum Institute of India (P) Ltd.
- v) National Institute of Virology
- vi) Hindustan Antibiotics Ltd.

A series of lecture - cum demonstrations were organised for the benefit of our students at N.I.V. the following scientists participated in the lecture programme,

- i) Dr. S.S. Gogate
- ii) Dr. V.S. Padbiri
- iii) Dr. M. Bose
- iv) Dr. M.M. Gore.

Department of Philosophy

General:

Dr. A.V. Afonso, Reader in Philosophy, was also working as the Director of Sports and in that capacity coordinated the sports activities of the University.

Teaching Staff.:

Dr. A.V. Afonso	M.A.(Phil); M.A. (Soc.), Ph.D.	Reader and Head of Department
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Visitors :

1. Professor S.S. Antarkar, Professor and Head Department of Philosophy, University of Bombay, delivered 7 lectures.
2. Mr. R.N. Karani, Lecturer, Department of Philosophy, Wilson College, Bombay, delivered 14 lectures.

Professor Bhuvan Chandeli Professor and Chatterson, Department of Philosophy, Punjab University, Chandigarh delivered two lectures as part of national lecturer scheme.

(1) "Philosophy of Literature with special reference to the work of Jean Paul Sartre and George Lukacs".

(2) "Some Recent Developments of Merkm".

Publications :

Dr. A.V. Afonso,

(i) Intellectual

Chetna Prakashan, Bombay - 1986.

(ii) "P e

M.D. University Research Journal - I, 2, 1986

(iii) "The Correlates of Attitudes Towards Euthanasia"

(Mimeographed Project Report - Clithor)

(iv) "Religiosity, Morality and Attitude Towards Jportions".

(Mimeographed Project Report - Coauthor)

Department of Physics

General:

participated in Seminars, Conferences, Workshops etc.

1. Professor R.B. Prabhu

Period	Place	Organiser	Purpose/title of paper, etc.
December 1986, 23rd-27th	Pantnagar U.P.	Department of Atomic energy	Solid State Physical Symposium Titles of papers. (i) Effect of Crystalline Field on Transport properties of Mixed valence system (ii) Self consistent of Kondo effect and crystal field.

2. Dr. A.K. Heblekar

a) July 1986 New Delhi 22nd-25th
Bureau of Parliamentary Studies and Training Lok Sabha & Secretariate, New Delhi. Appreciation Course in Parliamentary Processes and Procedures for University Officers

b) Nov. 1986 Goa Univ. Dept. of Science National Seminar on **Baribinim** & Technology, on Futurology, towards 21st Century, Tech. Forecasting & Assessment (Chief Coordinator)

Teaching Staff

1. Dr. R.B. Prabhu, M.Sc., Ph.D. Reader & Head of Dept. from March, 1987.
2. Dr. A.K. Heblekar, M.Sc.; Ph.D. Lecturer was Head of the Dept. till March, 1987.

Contribution to co-curricular activities

1. Dr. A.K. Heblekar worked as the Director of Students' Welfare & Cultural Affairs from June 1986 till December, 1986. In this capacity the following some activities were organised by him;

- a) In the capacity as the Chief Coordinator, organised the National Seminar on Futurology: "Towards 21st Century: Technology Forecasting and Technology Assessment". The Seminar was sponsored by Dept. of Science & Technology, New Delhi. Eminent personalities from all over India and teachers from Goa participated in the Seminar.

Delivered a talk in 'Konkani "The Modern View of the Creation of Universe and Life" under the auspices of the Directorate of Extra-Mural Studies and Extension Services, Goa University at Barambhumi, Sancorde.

2. In the capacity of Director of Students Welfare & Cultural Affairs. Dr. A.K. Heblekar helped the Director of Sports, -Goa University in the preparation of draws of Inter-Collegiate Tournaments.

Department of Political Science

General:

The Political Science Department in collaboration with the Western Regional Centre of the ICSSR organised a two-day seminar on India's Foreign Policy at Goa University . The participants included teachers from the Universities of Maharashtra, Gujarat and Goa,

Teaching Staff

Dr. A.H. Doctor - Professor and Head of the Department,
M.A., Ph.D,

Dr. M.J. Audi-Lecturer
M.A., Ph.D.

Contribution to Curriculum Development

Professor A.H. Doctor presented a paper on "India, the Indian Ocean and Great Powers" at the seminar on India's Foreign Policy sponsored by ICSSR (IJRC) and Goa University.

Professor A.H. Doctor participated and was "discussant" at a two-day workshop on "Curriculum Development in International Relations Studies" sponsored by the UNESCO and the ICSSR(Deihi) at the M.S. University, Baroda.

Professor A.H. Doctor presented a paper on "Protective Discrimination Policy of Reservations" at the symposium on "Ideology and Mobilisation in Scheduled Caste Politics". at Karnataka University, Dharwad.

Prof. A.H. Doctor presented a paper on "Teaching . Political Values in Adult Education Courses" at the one-day seminar on "Role of Social Science in Adult Education" sponsored by the Western Regional Centre of ICSSR at Bombay University campus, Bombay.

Dr. M.J. Audi presented a paper on "Atribetker's Struggle for Untouchables Reflections" at the Symposium on "Ideology and Mobilization in Scheduled Caste Politics" held at Karnatak University, Dharwad.

Visitors :

Shri 1/1.M. Mudailiar, Acting Editor, Navhind Times, Panjim, visited the Department of Political Science and gave a talk on "Freedom of Expression : A newspaper Editor's View Point" to the students and teachers. Prof. A.H. Doctor, as Convenor of the Goa University Handbook Committee helped to prepare the first Handbook of the University. Prof. A.H.

Doctor, was Chairman of the Social Sciences of research papers by scholars in the social sciences during the year under review two research papers were presented by Goa University teachers Prof. Ramashay, from the Centre for the Study of Developing Societies, New Delhi, visited the Department, discussed the teaching curriculum with faculty members.

Publications:

1. Prof. A.H. Doctor's book , "J.P.'s Total Revolution - Ancient Exercise in Utopia" (Research project financed by the UGC) was published by messers Semma publishers, Delhi.
2. Prof. A.H. Doctor published a research paper "Bureaucracy and Development" in the publication titled "Current Issues in India's Development" edited by Dr. G.S. Kalyanakar and published by the Marathwada Economic Association.

Prof. A.H. Doctor's article on "Priorities and Goals Of Education" was published in the University News, Delhi, Prof, Doctor's article reviewing Winus's book "The Black Legend of Portuguese India" was published in "Indic", the Father Institute, Bombay.

1.11:21=:

Dr. A.H. Doctor - Preliminary work on Indian Ocean and Great Powers.

Dr. M.J. Audi - Causes and Consequences of Corruption in India

Research Students :

Name of ac-search No. of stulents registered for Ph.D.

1. Dr. **A.H.** Doctor - three (3)
- 2, Dr. M.J. Audi -.Two (2)

Department of Sociology-

 _____General :

Teachina Staff: .

1. Shri S.R. Phal, M.;., Reader & Mead_of the **Department**
2. Shri **A.** Siqueirai M.A., Lecturer '

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amialEi&zaEg.zmag46±1.

1. Shri S.R. Phal

Seminar on "Semester System".
 jointly organised by Nirmala
 Institute Panaji and Goa
 University.

2. Shri S.R. Phal

Seminar on "Tourism and Goan
 Culture". Or4anised jointly ,
 by the Institute of Social
 Science: Delhi, the ICSSR
 and Goa university.

3. Shri A.A. **Siqueira**

The I.G.P. of Goa approached the Department and suggested to undertake a sociological study of crime in Goa with the assistance and the help of the iblice Department **Ar,14 Deptt. of Sociology** has agreed to Undertake the study.

1./4,11-top:

1. Dr. (Mrs) Leela Mullatti , M.A. , Ph.D., Reader in Sociology and in-charge , Department of Sociology at Karnatak University's post-graduation Centre, Belgaum visited the Department and delivered 10 lectures on Urban Sociology.
2. Dr. George Mathew, M.A.I. Ph.D. Director , Institute of Social Sciences, Delhi, visited the Department and delivered a course of 6 lectures on Research Methodolo4y in the Social Sciences, to the M.A part I & II stuc, ento of the Department.

3. Dr. Caroline Ifeka, anthropologist, Australian National University, Canberra, Australia, visited the Department, for consultations regarding her research project on "Family and Kinship among the Catholics of Goa".

4. Dr. Naomi Griffiths:, Dean of Humanity, Carleton University, Ottawa, Canada, visited the Department to get acivinted with the academic activities undertaken in the Department,

Research Projects

Under the Department Research *Projects, the Department is engaged in Socio-economic study of Village in Taiuka Tiswadi which has been adopted by Goa University for guiding helping the people of the village for their all-round development,

11. Research Projects

Name of the guide	M.A./M.Sc.by research		Ph.D, Students	
	No. of Students		No. of Students	
	Full-time	part-time	Full-time	Parttime
Shri S.R. Phal	Nil	1	2	3

Undergraduate Studies - Affiliation of Colleges

As stated earlithri with the coming in force o with effect from 19th June, 1986 section (6) of the Goa University Act 1984, the privileges granted by University of Bombay to the Colleges situated in the Goa District of the earstwhile Union Territory of Goa, Qaman & Diu were deemed to have withdrawn. In other words, 16 colleges in Goa ceased to be affiliated to Bombay University with effect from that date. Similarly, two institutions which are situated in Goa and which were recognised by University of Bombay for nrearing students for M.Sc. and/or Ph.D. degree have also ceased to be recognised by that University with effect from that date. All these 16 colleges and. both the institutions were granted privileges and recormised respectively by Goa University with effect from 19th June, 1986.

During the year under report Goa University granted privileges to three more colleges and recognition to one institution, all situated in Goa. A list of the Colleges affiliated to and institutions recognised by Goa University as on 31st March, 1987, is given in Annexure **XI**.

Brief reoorts on the activities of the various colleges are given below:

Smt. Parvatibai Chowgule Cultural Foundation's
College of Arts & Science, Marcia°

The college was established in 1961. It is permanently affiliated to the Goa University with effect from 19th June, 1986, in approved subjects leading to B.A. and B.Sc, degrees. The total number of teachers **is** 60. The college library has 31,000 text books: 1350 reference books; 500 bound past volumes of journals: 50 subscribed journals: and _
20 academic journals. 36/-

The college won the Championship at the Inter-Collegiate level in cricket* basket ball (boys): gold medal in girls javelin! silver medal in high jump (boys) and short-put (boys); and-gold medal in weight lifting. Two students of the college represented Goa University in Inter-University Football tournament and one student in Volley-ball tournament.

One cadet of the NCC (Navel Wing) attended the Republic Day Parade at New Delhi in January., 1987.: One girl cadet attended the 71:0-Republic Day camp at Sangalore. Two cadets of the Infantry Wing attended the Army Attachment camp at Belgaum.

The N.S.S. volunteers took up various educational programmes like mass functional literacy, adult education, helping primary school-going children, health services in urban and rural health centres and afforestation. A special afforestation camp was organised in the mining region and a plot was developed for research nursery under the Western Ghats project.

The students of the College secured place in the Inter-Collegiate Debating Competition. They also won prize in the One Act Play Competition,

Dempo Charity Trust's Dhempe College of Arts & Science, Miremar, Peuji-Goa.

The college was established in June, 1962. It is permanently affiliated to Goa University with effect from 19th June, 1986 in approved subjects leading to B.A. & B.Sc. degrees. The total number of teachers is 66. The college library has 17679 text-books, 549 reference books and 44 periodicals.

X 's College, Mapusa -

The college was established in June, 1961. It is permanently affiliated to Goa University With effect from 19th June, 1986 for approved subjects leading to **B.A./B.Sc.** degrees. The total number of teachers is 40. The college library has 25,000 ^{books} and 45 academic journals.

The college had taken part in all activities like sports, debates, cultural activities, education and extension work, one act play competition etc.

Nirmala Institute of Education, Altinho Panaji-Goa.

The college was established in June, 1963. It is permanently affiliated to Goa University with effect from 19th June, 1986 for courses leading to B.Ed. & M.Ed. The total number of teachers is 11. The college library has 9140 text-books and 30 academic journals.

Goa Medical College, Panaji-Goa.

The college was established in the year 1963. It is temporarily affiliated to Goa University with effect from 19th June, 1986, for degrees and diplomas in medical faculty. The total number of teachers in the college is 96. The College library has 11,631 textbooks and 162 journals (Scientific & Medical).

Goa College of Pharmacy, Panaji-Goa.

The college was established in the year 1963. It is temporarily affiliated to Goa University with effect from 19th June, 1986, for courses leading to B.Pharm. The total number of teachers is 25. The college has 3160 reference books and 43 journals and periodicals*

The college organised inter-collegiate debating competition. It won 7th trophy in Inter-Collegiate Quiz Competition.

Carmel College of Arts & Science for Women, Nuvem,

Silvassa-Goa.

The college was established in 1964. It is permanently affiliated to Goa University with effect from 19th June, 1986, in approved subjects leading to B.A. and B.Sc. degrees. The total number of teachers is 20. The college library has 15318 books and 35 periodicals.

The cadets of the N.C.C. Unit of the College have bagged prizes in various events conducted by the N.C.C. Unit of the College have bagged prizes in various events conducted by the N.C.C. Unit in this territory and they have also been selected to represent the State at the Republic Day Parade.

The students of the college have excelled in some sports and athletic events and have competed in University and State levels. The students of the college have won prizes at the Inter-College Elocution Competition.

The F.S.S. Unit of the college carried out different activities to help the backward areas in and around the College campus: to give tuitions to non-school going children from the backward classes etc.

Dempo Charity's Trust Srinivasa Sinai Dempo College of Commerce & Economics Altinho, Pana'i-Goe.

The college was established in June 1966. It is temporarily affiliated to Goa University with effect from 19th June, 1986, in approved subjects leading to B.Com.degree. The total number of teachers is 15. The college library has 4664 text books, 1083 reference books, 12 periodicals and 38 academic journals.

The college bagged the University championship for basketball (women) and was runners-up for hockey (men). Table-Tennis (men) and Badminton (men). The students of the college were selected for Inter-University tournament in athletics.

The cadets of the college donated blood during the blood donation programme organised by the Gon 81 KCC, 16 cadets from the college, attended the annual training camp and one cadet was selected for the Republic Day Parade at Bangalore. **from** the college also, participated in the Republic Day Parade at Campal. One of the Cadets of the College was selected for the best cadet award for the year 1986-87..

The college organised a Poet's Meet in which the students from the college also presented their poems. One of the student of the college won the consolation prize at the late B.B. Borkar Memorial Poetry Competition.

The N.C.C. Unit of the college under-took different activities such as adult education, tree plantation, safety week, road construction, city cleaning, free coaching to needy school children and supplying text-books to students at concessional rates.

College of Engineering, Goa

The College **was** established in 1967 and managed by the Government of Goa. It is temporarily affiliated to Goa University with effect from 19th June, 1986, in the approved subjects leading to the Degree of Bachelor of Engineering (B.h.) (Civil, Mechanical, Electrical, Electronics & Tele-Communication). The college library has 19234 Books, 330 Reference Book S and 62 Journals.

Goa College of Art

The college was established in 1972 by Kala'Academy of Goa and was taken over by the Government of Goa with effect from the Academic Year 1983-84. It is temporarily affiliated to the Goa University w.e.f. 19th June, 1986 **in** approved subjects leading to the Degree of Bachelor of Fine Art (FA) (painting) and Bachelor of Fine Art (EPA) (**Applied Art**). The college has provision for studies in the subjects namely, Photography, Graphic, Printing and Silk screen printing. The college library has total number of 4081 Books, 3427 Reference Books and 1859 Journals.

College has provided necessary facilities for Sports and students have participated in Inter-Collegiate Sports, Tournaments. Medical Aid is also provided to the needy students.

...40/-

Murgaoon Education Society's College of Arts & Commerce, Dabolim Hill Zuarineoar 403 726.

d

The college was established in June, 1972. It is temporarily affiliated to Goa University with effect from 19th June, 1986, for approved subjects leading to D.A.A.Com. degrees. The total number of teachers is 1e. The college library has 7686 text books, 276 reference books, 50 periodicals, 25 academic journals.

Cadet of the college participated in Republic Day Parade at New Delhi, have been selected for admission to N.D.A. Khadakvasla; world sailing tour, etc. The college has N.C.C.. Army, Navy & Girls Wings. Students of the college have won gold medals at University Sports meet; have played for University, Goa and India.

The NSS Unit of college successfully conducted a 3-day state level seminar on the theme "Youth for preparing India for 21st Century". It has achieved 100% survival of tree plantation done in college campus at Dabolim. It has won prizes for collecting largest funds for Goa Cancer Society.

The college under its extension education programme for imparting training in socially productive skills to various sections of the community imparted training in communication skills to middle level business executives from Goa. Under the extension lecture series organised for the benefit of the public a lecture on "Gurudev Tagore" was organised.

Vidya Vikas Mendal's Shree. -e Daelodar College of
Commerce & Economic_L_Lergao - Goa.

The college was established in June, 1973. It is permanently affiliated to Goa University with effect from June, 1986, for courses leading to D.Com. degree. The total number of teachers is 21. The college library has 6976 text books, 4150 reference books and 70 periodicals and academic journals.

One cadet attended the 1987 Republic Day parade at New Delhi. 20 cadets participated in Annual Training Camp at Margao. 10 cadets joined the Army Attachment camp at Belgaum. Cadets participated in Blood Donation Drive. They also participated in Cycle Expedition and Adventure Training Camp.

The college bagged the championship in Badminton, Table Tennis (W), Football, Kho-kho and Tennis in the Inter Collegiate Tournaments of Goa University. Athletes from the college won the Individual Women's Athletic championship and the overall athletic championship. A large number of sportsmen from the college have been selected to represent Goa University at Inter-University tournaments and the Goa State in national tournaments. The college organised Basket Ball tournament and the first Annual Athletic Meet on behalf of Goa University*

Three students of the college attended the NSS National Integration Camp at Bhubandshwar.

A team of seven students was selected to represent Goa University at the Inter University Youth Festival at Jaipur at the West Zone level and at Chidambaram at the Inter-Zonal level won the first prize for Individual and Group singing items. The late Smt. Satpute Memorial Poet's Meet, was successfully held* .42/-

Devi Shreevani Education Society's Mehadevrao
Salgaocar College of Law Miramar Pane 'i-Goa.

The College was established in June 1973. It is permanently affiliated to Goa University with effect from 19th June, 1986 for courses leading to the first degree in Law (LLB). The total number of teachers in the college is 8. The college library has 3120 text-books, 2920 reference books, 3338 periodicals and 36 academic journals.

V.N.S. Bandekar's College of Commerce, Xhorlim,

Maeusa-Goa

The college was established in June, 1974. It is temporarily affiliated to Goa University with effect from 19th June, 1986 for approved subjects leading to B.Com. degree. The total number of teachers in the college is 16. The college library has 5394 text books and 35 periodicals.

The college secured first position at the annual Y.C.C. training camp in Drill and Firing. Four cadets attended the Army Attachment camp and some attended the pre Republic Day Selection Camp at Bangalore. One cadet attended the Military Hospital Attachment held in Panjim, where she secured first place. One girl cadet was selected for advance Leadership Camp held at Ranchi. One girl cadet was also adjudged the best N.C.C. cadet for the year 1986-87.

Under the N.S.S. activities, a road was constructed, trees were planted, clothes were collected and distributed among the poor, and three houses were constructed for homeless harijans. The college team was adjudged as the joint best speaker in the Inter-Collegiate debate, one student of the college was selected to represent Goa University at Inter-University debate held at Kashmir University.

Vidya Vikas Mandalls Govind Ramnath Xare College

of Law Marao Goa

The college was established in June, 1979. It is temporarily affiliated to Goa University with effect from

19th June, 1986, for courses leading to the first degree in

,43/-

Law The total number of teachers is 9. The college library has 2797 text-books, 605 reference books, 6 periodicals and 17 journals.

Goa Dental College & Hospital, Bambolim

The Goa Dental College & Hospital, Bambolim was established in 1980. It is temporarily affiliated to the Goa University with effect from 19th June, 1986 for courses leading to B.D. degree.

Goa College of Architecture Miramar Panaji-Goa.

The college was established in 1982. It is temporarily affiliated to Goa University with effect from 19th June, 1986, for courses leading to B.Arch., degree. It is at present housed in a private rented building. It has 6 teachers. The college library has 1575 books, 200 reference books, 22 periodicals and 13 academic journals.

The students of the college participated in sports activities such as football, cricket, etc. as well as in other cultural activities conducted by other colleges such as "Creations", "Happenings" and "Fusion". They won some prizes. Five students of the college were selected to represent Goa University in the West Zone Inter-University Youth Festival at Jaipur. The team of Dumb Charades won the 1st place and got qualified to represent West Zone at the National Inter-University Youth Festival at Madras. A team of thirty students participated in the Association of students of Architecture Convention at Madras and won some prizes.

Goa Vidyaprasarak Mondli's College of Commerce,
Ponda-Goa

The college was established in January, 1986. It is temporarily affiliated to Goa University with effect from 19th June, 1986 to prepare students for the first year of the course leading to B.Com. degree. The total number of teachers is 6. The college library has 374 text books, 240 reference books, 137 reading books, 11 periodicals and 5 academic journals.

The college participated in the Inter-Collegiate tournaments in Table-Tennts (Men) Volley call (men); Chess (men) and Cricket (Men). The college organised Inter-College Kho-Nho tournament of Goa University for men and women at Ponda. The athelets of the college barsjea n gold, a silver and a bronze medal:.

The college organised a special N3S cam- at Savoiverem during which a road was repaired ald a new road was constructed, a secondary school building was white-washed; a play ground was levelled; and a socio-medical survey of 105 households at Savoiverem was carried out. The college also organised the All-Goa Inter-Collegiate Elocution Competition.

Ponda Education Society's College of Arts & Science,
Ponda Goa_____

The college was established in June, 1986. It is temporarily affiliated to Goa University with effect from 19th June, 1986, to prepare students for the First Year B.A./E.Sc.degree. The total number of teachers in the college is 18. The college library has 200 reference books, 3 academic periodicals and 5 magazines.

INSTITUTES

Directorate ofArchives,

Archaeology & Museum, Pana'i-Goa.

This institution was established in 1598. It is permanently affiliated to Goa University with effect from 19th June, 1986 for post-graduate instruction and teaching in Ph.D. degree in History. The Director is the only teaching staff member of the institution. The institution library has 30,000 text-books.

The institute organised a seminar on "Goa Through the

Ages" jointly with Goa University.

45/-

-

Xavier Centre of Historical Research, Alto
Porvorim, Goa

The institution was established in the year 1978. It is fully recognised by Goa University with effect from 19th June, 1986, for instruction and teaching in P.D. degree in History. The institution has 11,002 books, 149 microfilm volumes of Government reports and reports of history seminars, and 41 volumes of selected archival material. The periodicals/journals consist of 369 titles. There are 147 maps of historical and geographical importance.

The Centre coordinates developments in Indo-Portuguese historiography in different parts of the world through a six-monthly Newsletter published regularly since 1981. Thirteen issues of the Newsletter have so far been published. It provides research facilities in the form of intensive courses twice a year in Portuguese language of one month duration or one hundred class-hours.

The Centre organised, a meeting of research scholars and students on 21st March '87 to discuss the areas of research and history-writing with the research scholars and students. It was conducted by Dr. Robert Newman from La Trobe University, Australia and Dr. N.N. Pearson from New South Wales University, Australia.

The Centre organised its sixth annual history seminar on "The Press and Goan History" on 28th-29th March, 1987. The Seminar concluded with a public talk at the Institute Menezes Sraganza, on "The Press: A Window on History".

CHAPTER - 4

Library, KonkFlni cyclopadi and Extra Curricular Activities.

A. Library

Goa University library started functioning as a University Library from 30th June 1986. The Library of Centre of Post Graduate Instruction and Research, University of Bombay, which was established in 1966 and having collection of 37678 books and periodicals was incorporated into Goa University and forms the base of Goa University Library. The library has a total collection of 41420 books covering a number of disciplines under Humanities, Science and Social Science covering wide range of subjects like Philosophy, Sociology, Politics, Economics, Education, Languages and Literature in - English, Hindi, Marathio Konkani, French &Portuguese, Mathematics, Computer Science, Physics, Chemistry, Geology, Marine Science, Microbiology, Management Studies, Arts, History and Biographies, University Library has a separate journal section, and 300 journals are subscribed and some journals are received as gratis. University Library also consists of thesis and several dissertations. More journals are being procured at the University to strengthen research activities of the University. Besides special needs of Historical Research are catered through Professor P.S.S. Pissurlencar Collection library which consists of 4486 books, journals, documents, photostat copies and microfilms. The Goa Unjxersity has the following collections of books and journals which further enrich the University's corpus.

- a) About 610 books from the heirs of Professor
Vithalrao Sukhthankar ,.47/-

- b) About 80 books in Portuguese from Dr. Shirdhar Tamba
- c) A collection of about 467 books in Philosophy (of Prof. D'Andrade's Collection) from the Bombay Philosophical Society, Bombay.
- d) About 519 books in Portuguese mainly concerned with Portuguese Literature of the 19th Century from Advocate Paul Mascarenhas in the memory of his late father.
- e) About 146 + 149 books in French and Portuguese from Prof. G.V. Kantak.
- f) Collection of books/periodicals, Pamphlets etc. 721 donated by Shri Carmo Azavedo on Goa and by Goan Authors
- g) About 324 books mostly on Ayurveda from Dr. Raghuvir P. Sinary.
- h) A collect of books numbering 1676 Mostly Marathi from Shri Wamanrao Kundaikar. ,
- i) A** collection of books numbering 289 mostly portuguese from Shri Xavier De Monte Furtado.

Besides USIS Library, Alliance Francaise and British Council Library donate books regularly to the University Library.

With the acquisition of latest **Xeroxing Machine**, Microfilm Reader it has been possible to extend documentation and reprographic services to students, researchers and staff.

Working Days: The Library is kept open for all the **days** except Sunday throughout the year. Besides the normal working hours of the Library, the reading rooms are kept open for extended hours so as to famtltizt_e use by readers. They were also kept olan on Sundays and **public** holidays during the examination days .

The normal timings of the Library are 9.00 a.m. to 7.30 p.m. on week days and 10.00 a.m. to 5.45 p.m. on 1st, 3rd & 5th Saturdays.

Readers and Use of Library:

.University has 426 number of registered readers and staff members and several casual visitors. Inter Library exchange of books and journals **ia** encouraged and the journals are regularly exchanged with N.I.O. Library.

The 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 issues ten books at a time, as a special facility to boost research activity in the University.

The Library continues to receive presentation of books/Periodicals from number of persons and institutions.

Other Materials:

Several maps are also collected in the Goa University Library.

Bibliographical and Documentation Services

Bibliographies of reading materials available in the Library were compiled and supplied on demand to staff members on special subject/s List of latest addition is circulated in the department. Recently exhaustive list of periodical holdings of the Library has been published.

University Bindery :

Bindery unit has been opened to cater to the needs of day to day mending/binding of books and journals.

Classification and Cataloguing

Books are classified according to Dewey Decimal Classification and subject and author (Main) 'catalogue are maintained. There are separate catalogues for collectiOn2. '

B. Konkani Encyclopaedia

General: University has undertaken a project for preparation of Konkani Encyclopaedia to cater to the needs of the scholars as well as of the common man knowing konkani.

The Encyclopaedia information will be classified into various subjects. The Encyclopaedia will, of course, contain entries regarding general knowledge cover⁴ng the whole world, but emphasis will be laid on information regarding the konkani speaking territories, their people, history, geography, art and culture, customs and manners, etc.

The Encyclopaedia will consist of 3000 pages . with three volumes of 1000 pages each. The source materials will be taken from Encyclopaedia in English, French, Portuguese, Hindi, Marathi, and Kannada ^{on} Local topics that have not obviously been already dealt with in other works, will be written by the scholars conversant with the subject.

This project will be first of its kind in the history of konkani Language and will go a long way in bringing general knowledge to the doors of common konkani **mcn.**

1. Dr. M.L. Sardesai, M.A. D.lit.
Chief Editor.
2. Dr. T.D. Halarnakar, M.A. Ph.D.
Executive Editor.

Participation in Seminars, Conference, workshops etc.

Dr. M.L. Sardesai - (Reported under the Department
of French)

Dr. T.D. Halarnakar

1. Participated in the Seminar on "Indian Foreign Policy" organised under auspices of Political

Science Department, Goa University and the I.C.S.S.R.
Bombay.

- 2) participated in the workshops on "Konkani Orthography" organised by Goa Konkani Akadami in December 1986.
- 3) participated in the Seminar on "The Problems of Lexicography and Translation" organised by Goa Konkani Akademi in collaboration with Sahitya, Akademi, New Delhi.
- 4) selected as one of the authors for preparing KONKANI TEXT BOOKS under the UNICEF projects launched by State Institute of Education, Govt. of Goa.

Visitors: Tarkatirth Laxmanshstri Josh!, Chief Editor Marathi Encyclopaedia, visited the office of the Konkani 'Encyclopaedia.

Dr. T.D. Halarnakar

- 1) *Process of Democratization in Goa, Daman & Diu"
Published in "Winds of Change", Commemorative Volume of the Silver Jubilee of the Liberation of Goa, Daman & Diu.
- 2) Edited Annual issues of "Konkani" published by Konkani Bhashe Mandal.
- 3) Presently compiling Bibliography of Konkani Books for a Sahitya Akadami - New Delhi.

, .51/-

C. Extra-Curricular Activities

During the year under report the various extra-curricular activities undertaken by the University which are as follows.

;(a) Directorate of Sports

Goa University Sports Council was formerly notified on 24th July, 1986. Dr. B. Sheik Ali, Vice-Chancellor is its President, Dr. S.K. Gandhe, Registrar, its Vice-President, and the Director of Sports its Member Secretary. The Principals/Deans of all affiliated colleges, 4 Representatives of Directors of Physical Education, 4 Representatives of students, the Director of Sports, Government of Goa, and Director of Students' Welfare, . Goa University are the members of the Council.

The first meeting was held on 24th July, 1986. The Council finalised detailed programme of Inter-Collegiate Sports for the year 1986-87. It was also decided that this being the first year, the University should participate only in 4 Inter-University tournaments, namely, Football (Men), Volleyball (Men), Badminton (Men) and Athletics (Men and Women).

The Executive Committee of Sports Council which met 7 times during the year under report, was responsible for all the sports activities of the University.

Inter-Collegiate Tournaments: During the year 1986-87 the following Inter-Collegiate Tournaments were conducted by the University. The actual conduct of the tournaments was given to various colleges as the University did not have the infrastructural facilities to conduct the tournaments:

1. Badminton (Men)
2. Badminton (Women)
3. Chess
4. Table-Tennis (Men)
5. Table Tennis (Women)
6. Football (Men)

7. Kabaddi (Men)
8. Volleyball (men)
9. Volleyball (Women)
10. KhowKho (Men)
11. Kho-Kho (Women)
12. Weight Lifting **(Men)**
13. Tennis (Men)
14. Basket Ball (Men)
15. Basket Ball (Women)
16. Hockey (Men)
17. Hockey (Women)
18. Cricket (Men)
19. Athletics (Men & Women)

Athletic Meet: The First Annual Athletic Meet was held on 5th, 6th and 7th December, 1986. It was organised with the help of Vidya Vikas Mandal's Shree Damodar College of Commerce and Economics, Margao. The Meet was held at 3MTR Grounds, Navelim, Goa. It was inaugurated by Hon¹ble Minister, Pratapsinghrao Rane and the Chief Guest for the concluding day was Col. V.K. Kapoor, - Deputy Commandant, 2STC, Goa Area.

Inter-University Tournaments - Foot ball: Goa University for the first time participated in the Inter-University Football Tournament for West Zone held at ..A.Rola (Amarvati University) from 22nd to 30th October, 1986.

It should be noted with satisfaction that in its very first outing in the Inter-University Tournaments the Goa University lost only in the last round of the league matches. In their early rounds Goa University defeated Sukhadia University, Udaipur, Poona University, Pune, Devi Ahilya University, Indore, by sound margins.

In the league matches, Goa University defeated Rajasthan University, drew with ultimate winner Awadesh Pratap Singh

solitary goal.

University, Rewa , and lost to Shivaji University by. a

Mr. Elias Davie., Physical Director, Carmel College, was the Manager of the Team and Shri V. Mahambre of Directorate of Sports was Honorary Coach.

Volleyballs Goa University participated in the Inter-University West Zone Volleyball Tournament held at Shivaji University, Kolhapur from 6th to 11th November, 1986. Goa University defeated A.P.S. University, Rewa, and South Gujarat University before going out of the tournament to Devi Ahilya University, Indore. Mr. C.V. Porob, Physical Director of Dhempe College of Arts & Science, Panaji, was the Manager of the Team and Mr. Ladislaus Gonsalves, was The Honorary Coach.

Badminton: Goa University participated in the Inter-University Badminton Tournament held at University of Bombay, Bombay, from 22nd to 26th December, 1986. Goa University. defeated South Gujarat University in the first round and Sardar Patel university in the Second. round before loosing to the Nagpur University in the 3rd round.' Mr. G.I. Jamadar, Physical Director, Dempo College of Commerce, & Economics, Panaji, was the Manager of the Team and Roshantal Nahar Was the Honorary Coach.

Athletics: A strong Atheletic Team selected during the First Athletic Meet could not participate in the Inter-University Athletic Championship at Allahabad due to disturbances in Goa.

Coaching Camps: Coaching Camps for the Inter-University Tournament were held for 10 to 15 days prior to the tournaments. Coaches. V. Mahambre (Football). Mr. Ladislaus Gonsalves (Volleyball), Mr. RoshanIal Nahar (Badminton) and Mr. P.S. Balgi (Athletic) conducted the camp. It Should be noted that they conducted these camps without any honorarium.

N.S.O. Scholarships: During the year under report the following students of the University were awarded Govt. of India Sports Talent, Scholarship ' (NSO Programme) Awards for the year 1986-87.

1. Kum. Jenif Glafira Fernandes, Carmel College, Nuvem, Salcete, Goa.
2. Kum. Freda D. Goes, M.E.S. College of Arts and Commerce, Zuarinagar, Goa.

(b) The Directorate of Extra Mural-Studies and Extension Services.

1. The Directorate began its activities by inviting scholars from the various departments of the Goa University as well as from other educational and research institutions within Goa to participate in its programme , of a series of lectures at three remote centres of Goa, namely Paingini, Tambde Surla and Pernem. About 15 scholars responded. However, only 10 of them ultimately participated in the lecture programme. A list of these scholars, the topics of their talks, the dates of the talks, and the names of **the** sponsors, etc. is attached'

The lectures were in Marathi, Konkani or English according to the choice of the sponsors who could also choose the topics from several alternatives given by the ~~sales. The response was very satisfactory. As a result, we are very much~~ pleased to know that the Goa University comes to our door steps and who will not welcome her " ? " Most of the lectures were well organised and well attended.

2. This year the Directorate organised a Science Quiz for the Higher. Secondary Schools within Goa with a view to promote one of the objectives of the Directorate, namely, encouragement of science learning and promotion of scientific attitude. Practically all the Higher Secondary Schools and Junior Colleges offering science courses sent their respective teams each consisting of

three students to participate in the quiz.

The preliminary round of the quiz was held at two centres, namely the Ponda Education Society's College of Arts and Science Farmagudi, and St. Xavier's College, Mapusa both on 10th January, 1987. The final round was organised at the Dhempe College of Arts and Science, Miramar, on 17th January. The Goa Physics Association contributed a Rolling Trophy to be awarded to the team standing first in the Quiz. Besides, the Directorate instituted three prizes consisting of science books, namely books worth Rs. 225/- for the team standing first, books worth Rs. 150/- for the second team, and books worth Rs. 90/- for the third team. A Prize Distribution Ceremony was organised at the College at the end of the final round with Prof. B. Sheik Ali, Vice-Chancellor as the Chief Guest.

As Annexure XIII shows, the Quiz was organised and conducted with the help of some science teachers of our University along with some experts from the N.I.O. under the leadership of Dr. Y.S. Prahlad Department of Mathematics and under the joint auspices of the Directorate and the Goa Physics Association. This Quiz programme is expected to become an annual feature of the Directorate in the years to come along with the lecture series.

3. The Directorate adopted village Palem near Siridao, Tiswadi on the auspicious day of Gandhi Jayanti on 2nd October, 1986. The Vice-Chancellor presided over the adaptation ceremony. An Advisory Committee for Palem was also constituted on the occasion. The list of the members of the Committee and the minutes of the first meeting of the Committee are found in Annexure

The Directorate conducted the following programmes at the Village during the year :

- (a) A cultural Programme on 12th January, 1987 was organised by N.S.S. students of the Dhempe College of Arts & Science, Miramar with the kind co-operation of Prof. G.K. Kelkar. This was to mark the 'National Youth Day' which is the birth day of Swami Vivekanand.

m The Department planned to organise a function on the 'National Science Day, namely 28th February, 1987. However, it could not be implemented owing to certain, unavoidable circumstances.'

(c) The Department Of Sociology of our University has agreed to conduct a through socio-economic survey of the village in order to ascertain what the Directorate could do to help the villagers in various aspects of their life.

(d) The Goa Cancer Society, Dona Paula, has consented to hold free medical camps and lecture programmes in the adopted village once certain data were made available to the society after the socio-economic survey mentioned under (a) above.

c) Directorate of Students Welfare and Cultural Affairs

As per the University Statutes S.47 (1-6) a Students Council was constituted. The Students Council of Goa University shall consist of one student from each college or institution elected by an electoral college consisting of representative of each class of the college or institution as the case may be affiliated to or recognized by Goa University. Accordingly elections were held.

Dr. A.K. Heblekar, Reader, Dept. of Physics was appointed as the Director of the Council.

Curricular Activities

(i) An intercollegiate debating competition was held in Aug-September 1986. The first two winners of this competition was sent to the Inter-University debate conducted by the University of Kashmir, Srinagar, Kashmir which was held on 30th Sept., 1986. One of our participants was adjudged the best speaker and was the recipient of a prize of B. 1000/-.

Selection trials for selecting a team of 20 students for participation in the West-Zone Inter-University Youth Festival at University of Rajasthan, Jaipur, were held. Our team won the three first prizes (Western Group Singing, Western Solo and Dumb Charade) and one third prize (Mime) in the Youth Festival held during October 26-30, 1986.

- (iii) Winners of the first prizes at West-Zone Youth Festival were sent as a team to participate in the National Youth Festival (IUNYFEST - 1986) at the Annamalai University, Chidambaram. Our team won one prize (Western Group Singing) and one second prize (Western Solo at the IUNFEST,- 1986 held during December 1-5, 1986.
- (iv) Elections for the Goa University Students Council and P.G. Students' Council were conducted during Aug-Sept. 86.
- (v) A day long Poster Exhibition and a Student Seminar on Anti.alowry Theme was held on 15th November, 1986 under the guidance of Shri D.B. Kulkarni.
- (vi) Goa University Foundation day celebrations and several talks throughout the year were also arranged.

EXPENDITURE OF GOA UNIVERSITY

B. E. 1986-87	RE 1986-87	Actuals 1986-67	1W167
Recurring Non-recur- ring Total	Recurring Non-recu- ring Total	Recurring Non-recu- ring Total	Recurring Non-recu- ring Total
Rs. i. .	Rs. Rs. Rs.	Rs. L. Ps.	Rs. F3.
PLAN: 4752000 28500000 33252000	2642400 11660700 14303100	2,093124 9262324 11355446	1798800 52934000 60732800
.NON-PLAJ :			
3998000 550000 4548000	3375300 790000 4165300	2981600 293463 3275063	3812000 1700000 5512000

List of the Members of the Executive Council

1. Dr. P.N. Srivastava,
Planning Commission of India,
NEW DELHI.
2. Dr. S.Z. Qasim,
Secretary,
Department of Ocean Development,
Government of India,
"Mahasagar Bhavan",
Block-12, C.G.O. Complex,
Lodi Road, NEW DELHI-110 003.
3. Justice Dr. G.F. Couto,
Judge of High Court of Judicature
of Bombay, Goa Bench,
P.11\TAJI - GOA.
4. Shri Shivanand V. Salgaocar,
Salgaocar House, VASCO-DA-
GAMA, GOA - 403
802.
5. Dr. N.S. Randhawa,
Director General,
Indian Council of Agricultural
Research, Govt. of India,
Krishi Bhawan,
NEW DELHI -
110 001.
6. Dr. C.J.S. ,',braham,
Dean,
Goa Medical College,
PANASI -
COA.
7. PriDcipal A.K. Shrivastava,
Director of Technical
Education,
Directorate of Education, II
P-INALTI - GOA.
8. Fr. Nicolau Pereira,
Principal,
St. Xavier's College,
MAPUCA
9. Dr. S.C. Dec,
Professor and Head,
Department of Mathematics,
Goa University,
Bambolim, GOA - 403 005.
10. Dr. B.N. Dessai,
Director,
National Institute of
Oceanography,
Dona Paula, GOA.
11. Dr. D.V. Kerkar,
Kerkar Nursing Home,

Note: -

The Vice-Chancellor is the ex-officio Chairman
and the Registrar, ex-officio Secretary of the
Executive Council.

List of the Members of the Academic Council

1. Shri G.V. Nadkarni,
Principal,
Dhempe College of Arts &
Science, Mira-Mar,
-----, PANAJI- GOA.
2. Sr. Rita Paes,
Principal,
Nirmala institute of Education,
Altinho, -----, PANAJI-
GOA.
3. Dr. G.J.S. Abraham,
Dean,
Goa Medieal College,
-----, PANAJI
- GOA.
4. Shri A.K. Srivastava,
Director of Technical Education,
Directorate of Education,
-----, PANAJI GOA.
5. Rev. Fr.
Nicholas Pereira,
Principal,
St. Xavier's College,
MAPUSA-GOA.
6. Shri M.N.
Samant,
Principal,
Salgaokar College of Law,
Miramar, PANAJI - GOA.
7. Shri D.S. Bhende,
Principal,
8. Shri V.R. Shirgurkar,
Principal,
Smt. P. Chowgule Cultural
Foundation's,
College of Arts & Science,
-----, MARGAO-GOA.
9. Dr. S.K. Paknikar,
Department of Chemistry,
Goa University,
Bambolim,, GOA 403 005.

Goa Education
Society's Srinivasa
Sinai Dempo
College of Commerce &

Economics, Altinho, PANAJI -
GOA.

10. Dr, S.S. Antarkar,
Professor &
Department of Philosophy,
University of Bombay, Club
House, 'B' Road,
Churghate, BOMBAY-400 020..

11. Dr. S.G. Deo,
Professor of Mathematics, Goa
University,
Bambolim, GOA 403 005.

12. Dr. S.S.
Kulkarni, Department of
English, Goa University,
Bambolim, -----, GOA 403
005..

13. Dr. A.K. Heblekar,
Department of Physics, Goa
University,
Bambolim, -----, GOA 403 005.

14. Dr. M.L. Sardesai,
Vanarai Apartment, Near
T.B. Hospital. St. Inez,
PI, NALTI-C.

A

15. Shri Rashpal Malhotra
Director, H
Centre for Research Rural &
Industrial Development,
2 A, Sector 19A,
Madhya Marg,
Chan
diga -----
rh, 160 019 (India).

16. Dr. V.V.R. Varadachari,
C/o NIO Director's Bungalow,
DONA PAULA, GOA.

17. Dr. Joseph Barros,
Institute Menezes Braganza,
-----, PANAJI - GOA.

18. Dr. Rajendra Prasad,
Senior professor of Philosophy,
Opp. Stadium, Main Gate,
Rajendra Nagar, PATNA.

19. Dr. Kishor Gandhi,
• VI/426, .
SubhaSh'Nagar,
----- Gurgaon -
122 001.

20. Dr. V.A. Pai Panandikar,
Director,
Centre for Policy Research,
Dharma Marg, ChannakYa Puri,
----- NEW
DELHI -
110 021*

21. Dr. M.K. Mani, .
Professor,
Operative Dentistry,
S.J.M. Dental College &
Hospital, Chitradurga,

KAMTTAKA - 577502.

Note:-

-
The Vice Chancellor is the ex-officio Chairman and
the Registrar, ex-officio, Secretary of the
Academic Council.

.....

62/-

List of the
Memb

1. Dr. V.A. Pai Panandikor,
Director,
Centre 56r Policy Research,
Dharma Marg, Channakya Puri,
NEW

DELHI -
110 021.
2. Shri Vas sudeva V. Dempo,
Dempo House,
Campal,

PANAJI - GOA.
3. Shri Bruno D'Souza,
Director,
school of Planning & Architecture,
Indraprashta Estate,
NEW DELHI - 110
002.
4. Shri Dilip Sardesai,
R S International,
1..17, Jolly Maker Chamber No. 2,
Nariman Point,
BOMBAY - 400021.

5. Shri Eduard Faleiro,
Chairman,
Economic Development Corporation,
55, Bernardo Da Coasta Road,

MARGOA - GOA.
6. Smt. Vijayadevi Rane,
Chief Minister's Bungalow,

Altinho, PANAJI - GOA.
7. Shri Laxman Pai,
Principal,
Goa College of Art,
Altinho, PANAJI - GOA.

8. Shri G.G. Mayenkar,
Principal,
V.N.S. Bandekar College of
Commerce, Khorlim,
MAPUSA - GOA.

9. Dr. R.V.
Pandit,
12, Bambolkar Building,
Fontainhas, PANAJI-GOA.
10. Dr. JOseph harros,
General Secretary,
Institute Menezes Braganza,
PANAJI - GOA.

11. Pandit Jeetendra Abhisheki,
Special Executive Magistrate,
D, 31 Mayur Coopp. Housing
Society, College Lane,
Dadar, BOMBAY - 400028.

12. Shri Ashok V. Chowgule,
Chowgule's Bungalow,
Baina,
VASCO -DA-GAMA, Go a₁
13. Shri Mario Miranda,
Oyster Apartmerts,
Pilot Bunder Road,
~~BOMBAY - 400005:~~
14. Shri Damodar Narcihva Naik,
P.O. No. 43, V.N. Naik Road,
Fatorda, -----
MARGAO
- GOA.
15. Kum Pratima Kamat,
C/O Shri Pranakar Kamat,

Near Circuit Louse,
Altinho, -----PANAJI -
COA.

63/- -

16. Dr. P.P. Shirodkar,
Director of Archives, Govt.
of Goa, Daman & Diu, PANAJI
- GOA.

17. Dr. T.S.S. Rao,
Deputy Director,
National Institute of
Oceanography, -
JNA PAULA, GOA. -

18. Dr. Amarjit Singh,
Padma Bhushan,
National Chief Project
Coordinator, UNDP Project,
Central Electronics &
Engineering Research
Institute,
Vilani (RAJASTHAN) 333031.

19. Shri Prakash Tandon, 11,
Indraprastha Estate,
Parisila Bhawan,
NEW DELHI - 110 002.
20. Dr. R.C. Paul, Ex-
~~Vice-Chancellor,~~
Punjab University,
695 Sector,
CHANDIGARH - 160 008.
21. Shri S.K. Mishra, Director
General, Festival of India,
~~(Former D.G. Tourism),~~ Room
No. 14, Udyog Bhavan, NEW
DELHI.
22. Shri Shyam Benegal,
103 Sangam,
G. Deshmukh Marg,
BOMBAY - 400026.

16. Shri K.V. Krishnamurthy,
Director,
Geological Survey of India,
Govt. of India,
Regional Geology I,
Jayanagar Shopping Complex,
IV Block Jayanagar,
----- BANAGALORE -
560 011.
17. Shri Hari Jaisingh,
Editor,
-ndian Express Newspapers,
(Bombay), Pvt. Ltd.,
Express Towers, Nariman Point,
BOMBAY - 400
----- 021.
18. Shri K.S. Gill,
Director of Soil Research,
Punjab Agricultural University,
LUDHIANA - PUNJAB - 141004.

19. Dr. M.N. Qureshi,
Adviser,
Department of Science &
Technology.
C/1/7, Tilak Lane,
NEW DELHI - 16.
20. Shri
Rashpal Malhotra,
Director,
Centre for Research in Rural &
Industrial Development
II A Sector 19 A, Madhya Marg,
CHANDIGARH - 160 019.
21. Dr. M.M.S. Ahuja, FRCS (London),
UGC National Prof. of Medicine,
All India 'Institute of Medical,
Sciences, Ansari Nagar,
NEW DELHI.

22. Dr. Raes Ahmed,

Deputy Chairman,
University Grants Commission
Bahadurshah Zafar Marg,
NEW DELHI - 110
002.

Notes- The Vice-Chancellor is
the ex-officio Chairman
and the Registrar is
Member Secretary of the
Senate(Court).

-----List of the Members
of the Planning Board

5.
off. Dr. Ram Takwale,
Prof. of Physics,
Deptt. of Physics,
University of Poona,
Pune - 411 007.

1. Dr i B. Sheik
Vie-Chancellor,
Res. Dr. Ram*Takwale,
-----162/4-A Maven,
ARUNDH, PUNE 411 007.

Goa University,
Bambolim.

2. Dr. D.H. Pai Panandikar,
SectAtary General,

Federation of Indian Chamber
of CoMmerce,
Tandon Marg_e NEW DELHI-110001.

Tel (Res.) 54982.

----- NEW DELHI
- 110 003.

3. Dr. M. Aram,
SHANTI ASHRAM,
'MOUNT VIEW',
A-141 Kovaipudur,
COIMBATORE - 641 042,
TAMIL NADU (India),

Phone: 80271.

A. Dr. M.S. Sanjeevi Rao,
Chairman,
Electronic Commission of India,
Lok Nayak Ehawan,
3rd Floor, Khan Market,

6. Dr. Manoharai L. Sardessai,
Retired Reader in French,
Vanarai Appartment, Near
T.B. Hospital, St. Inez,
PANAJI- ----- GOA.

7. Dr. S.K.
Gandhe, Registrar,

—

Goa University,
Bambolim.

8. Secretary to Governor &
Visitor for Goa University,
Raj Bhavan,
DONA PAULA, GOA.

65/-

List of Officers of the Goa University

- | | |
|-----------------------------|--|
| 11 Visitor | H.E. Dr. Goal Singh,
M.A. , Ph.D. 7: an,71j i
G•v.:.2rnor of Goa. |
| 2) Chancellor | N :71jtmclra Singh,
M.1',.(Camb) ,B •Litt, (Dub.) ,Ph.D.
(Calc .) , LLD (C-Imb ,Dub) ,D.Sc.
(1.1iscow) ,DCL(Dalhi) D.Litt. (Bihar) |
| 3) Vice-Chancellor | - Dr.: B. Sheik Ali,
M.A.(Alig.) & Lond.) |
| 4. Registrar | -Dr.SK.Gandh_,
B •Com• ,M.A. ,M •Sc • ,Ph.D. |
| 5. Finance Officer | - Shri C.H. NT-)rdmha |
| • Controller of Ex-minati n | - Shri V.K. Anth)ny |
| . Assistant Rejistrar | - Shri G.D. Dangi, |
| C. Assistant Librarian | - Shri V.R. Navelkar |
| 9. System Analyst | - Shri D .1 ¹ . Nay lk |
| 1C. Executive Editor | - Shri T.D. T-Inlarnkar |

Deans of th,_ Faculties

- | Nme | <u>Dean f Faculty of</u> |
|--------------------------|--------------------------|
| 1. Dr. S.G. Do | - Pure Scince.: |
| 2. Dr, .J .S. Abr--.halt | - me!-licine |
| 3, Dr. A.K. Shriwastava | - Techn -)logy |
| 4. Shri V.S. Mallar | - Law |
| 5. Sister Rita 28e8 | - Educati II |

List of Statutes (1986 - - - - - 87)

STATUTE NO.	SUBJECT
S.'36	Constitution of Senate
	Constitution of Executive Council
S. 37	... Constitution of Academic Council
S. 38	Constitution of the Finance Committee
S. 39	Constitution of the Planning Board
S. 40	Constitution of University Faculties
S. 41	Rules of Business of the Senate
S. 42	Rules Of Business of the Executive Council
S. 43	Rules of Susiness of the Academic Council
S. 44	Rules of Business of the Finance Committee
S. 45	Appointments of University Officers
S. 46	Formation of the students Council of the
S. 47	Goa University -
S. 48	Funcitions of the Director of students Welfare & Culture
S. 49	Affiliation and Recognition of Colleges/ Institutions
S. 50	The Provident Fund-cum-Gratuity Scheme -- Section I Contributory Provident Fund - section - II Gratuity
S. 51	Goa University Employees' Medical attendance and Reimbursement Rules - 1985
S. 52	Acceptance of Endowments for Institution of fellowships, Scholarships, Medals, Prizes and other Awards and also - Institution of Research thairs
	S. 53 The scheme of Extra-MUral stu Extension service
S. 54	Convocations
S. 55	Statutes governing- terms and conditienr, to of Teachers appointed in the Non Government Constituent Colleges and affiliated
S. 98	Colleges in the Faculties of Arts (incluadin ⁴ Education), Science, Commerce and Law
S. 99	Appointment of the Chancellor
S.100	The Grievance Removing Machinery



----- List of Ordinances (1968-7)

<u>Ordinance Number</u>	<u>Subject Matter</u>
0.1	Ordinance relating to conduct interview by a Selection Committee in making recommendation for appointment of Professor, Reader, Lecturer, Librarian and Principals of Colleges and Institutions maintained by the University.
0.2	Ordinance relating to the list of degrees, diplomas awarded by the GOA UNIVERSITY.
0.3	Ordinance relating to the recognition of persons as Teachers of the University.
0.4	Ordinance prescribing duties of Teachers of the University.
0.5	Ordinance relating to the General instruction to Chairman, 30 are of Examiners, Paper-setters and Examiners examination in 3.12 the)acuties and other connected matters ct conduct of exams.
0.6	Ordinance relating to scales of Remuneration to teaching and Non-Teaching staff at the Examination.
0.7	Ordinance relating to the terms and conditions under which a teacher in the University department mi be nermitted to undertake outside work
0.8.	Ordinance relating to the rules for granting 'Duty Leave' to a Uni-R,r'2,it' teacher.
0.9	Ordinance relating to study leave
0.10	Ordinance relating to c7r71:citeL sabbatical leave for 12'r.7;fessc: of University.

- 0.11 Ordinance relating to the fees to be charged for Under graduate and Post graduate courses of study in the University and fee prescribed for registration as a Lost graduate student for a Master's Degree course whether by paper or by P.esearch, for a Medical Degree Course or Diploma Course or certificate Course and for a Doctor of Philosophy.
- 0.12 Ordinance relating to the applications for gants out of Research Fund.
- 0.13 Ordinance regarding the Board of Studies in various subjects.
- 0.14 Ordinance regarding Medium of Instructions.
- 0.15 Ordinances and regulations relating to the 3 semester Post-graduate Diploma in Computer Application (PDCA).
- 0.16 Committee for appointment of Examiners.
- 0.17 Ordinance prescribing duties of Teachers and work load of tbe teachers in the department of Goa University.
- 0.18 Ordinance relating to the formation of teaching departments under Faculties in Goa University.

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List of Postgraduate Departments in the University

- 1 . E n g l i s h
- 2 . H i n d i
- 3 . M a r a t h i
- 4, Modern European Languages (French & Portuguese)
- a Economics
- 6 . H i s t o r y
- 7 . P o l i t i c a l S c i e n c e
- 8 . P h i l o s o p h y
- 9 . S o c i o l o g y
- 10 . M a t h e m a t i c s
- 11 . P h y s i c s
- 12 . C h e m i s t r y
- 13 . M i c r o b i o l o g y
- 14, G e o l o g y
15. M a r i n e S c i e n c e
16. K o n k a n i
17. C o m p u t e r S c i e n c e & T e c h n o l o g y
18. C o m m e r c e

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List of the students reoistered for the
degree"

Ph.D.

in the different departments of the Universit

Sr. NO,	Name of the Teacher (Guide)	NAME OF THE STUDENT	: Department
1.	Dr. A..K, Pandey	Shri Ravindranath Mishra	Hindi
2.	- do -	Shri P. Shirgaonkar	Hindi
3.-	- do	Smt. S.A. Joshi	Hindi
4.	- do -	Smt. Bho sale H i n d i	
5.	Dr Wader	Smt. Vidya Khanolkar	Marathi
6.	- do -	Shri Govind Kale	Marathi
7.	- do -	Shri K.M. Sadre	Marathi
8.	- do -	Shri S. Komarpant	Marathi
9.	Dr. A.H. Doctor	Shri Mohan Sangodkar	Pol.Sciance-
10.	- do -	Miss Angela St1	Pol:Science
11.	- do -	Mrs. Aft Kakodkar	Pol.Science
12,	Dr. M.J. Audi	Shri B. Dias	Pol.Science
13.	. do -	Shri Jacob Varkey	Pol.Science

.....

List of colleges/institutions affiliated
to/ Aecognised by the TJOversity.

The Principal,
Smt. P. Chowgule Cultural
Foundation's College of
Arts & Science, •
Margao, Goa 403 601.

The Principal,
Goa. Edutation-Society's
Srinivasa Sinai Damp() College
of Commerce & Economics,
Panaji, Goa'403 001.

The Principal,
The Goa. Educ ation Society' s
Dhempe College of Arts & Science,
Miramar, Panaji, Goa 403 001.

The Principal
College of Engineering, Goa,
Farmagudi, Goa 403 4050

The Principal,
St. • Xavier's College,
Mapusa, Goa 403 525.

The Principal,
Goa College of Fine Art.,
Altinho, Panaji Goa 401 001.

The principal,
Nirmala Institute of Education,
Altinho, Panaji, Goa 403 001.

The Principal,,
M. E. S. College Of
Arts & Courmerce,
Zuarina.gars Goa 403

The Dean,
Goa Medical College,
Panaji, Goa 403 001.

The Principa_1,
Shree Damodar College of
Commerce & Economics,
Margao, Goa_1 403 601.

The Principal,
Goa College of Pharmacy,
Panaji, Goa 403 001.

The Principal,
Devi Mireevani Education
Society's Mahadevrao Salgaocaz
College of Law,
Miramar, Panaji, Goa 403 001.

The Principal,
Carmel College for Women,
Nuvern, Salcete, Goa 403 601.

The Principal,
V.N.S. Bandekar College of
Commerce,
Khorlim, Mapusa, Goa 403 529.

The Director;
Directorate of Archives,
Government of Goa,
Panaji, Goa 403 001.

The Principal,
Govind Ramnath Kara College
of Law,
Boarda, Margao, Goa 403 601.

The Director,
Xavier Centre of Historical
Research,
Porvorim, Bardez, Goa.

- The Dean,
Goa Dental College & Hospital,
Bambolim, Goa 403 005.

The
Director
National Institute of
Oceanography,
Dona Paula, Goa 403 004.

The Principal,
College of Architecture,
'Savitri Niwas', Miramar,
Panaji, Goa 403 001. -

The Principal,
Goa Vidyaprasarak Mandl's
College of Commerce,
Ponda, Goa 403 405.

The Principal,
Panda Education Society's
College of Arts & Science,
Farmagudi, Ponda, Goa 403 405.

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Directorate of Extra-Mural Studies and Extension Services(List of Speakers)

Sr.No.	Name and Address	Topic	Sponsor	Venue	Date	Time	Language	Remarks
1.	Shri D.B. Kulkarni, 4-50, Vishnuprasad Society, Vile Parle (E) Bombay-403057.	"Dowry as a Social Evil"	Ahhivvyatti (Abhl)			5 p.m.		With an exhibition of posters, Town - Hall, Pernem.
2.	Shri K.M. Sadrc, St. Xavier's College, Maousa.	"Bharood"	Alohi	Petnem	22/11/86	5-p.m.	Marathi	
3.	Shri Ravindra Ghavi, Dhempe College of Arts & Science, Miramar, Goa.	"Marathi Saint Literature"	Swddhanand Vidyalaya (SS1)	Pernem Paingin	15/1/87 17/1/87	4 p.m.	Marathi	
4.	Dr. K.R. Salkar, A-2 Ramakant Apartment, Opp. Goa College of Pharmacy, Panaji-Goa.	"Population Explosion in Developing Countries	- do -			4 p.m.		
5.	Dr. P.P. Shirodkar, Director, Directorate of Archives, Archaeology & Museum, Fontainhas, Panaji.	"The Tambdi Surla Temple An Historical view".	aarabhtmi High School (BIM)	- do - Tambdi	27/1/87 31/1/87	3.30 p.m.	Konkani	
6.	Dr. P.B. Wader, Department of Marathi, Goa University.	"Marathi Humour"	SSV	Paigin	18/2/87	4 p.m.	Marathi	

1.	2.	4c;	5.	6.	7.	8'	9.
7.	Principal V.R. Shirgurkar Chowgule College, Margao-Goa.	"Education Role of the Parents"	BHS	Tambdi Surla	20/2/87		Marathi
8.	Dr. B.S. Shastry, Head Dept. of History, Goa University,	"Goa-Karnatak Relations, 1000-1800 A.D."	BHS	Hirabai Taulikar High School, Sancordem.	9/3/87	11 a.m.	English
9.	Dr. A.R. Padoshi, Dept. of Economics, Goa University.	"Indian Agriculture that float ?"	Abhi	Pernem	12/3/87	5 p.m.	Marathi
10.	r. M.L. Sardestai, Goa University.	"Recital of my Poems."	SSV	Paingin	m27/3/87	4 p.m.	Marathi/Konkani/ English and ErImch
11.	Jr. A.K. Heblekar, Dept. of Physics, Goa University.	"The Universe".	BHS	Tambdi Sur la	28/3/87	4 p.m.	Konkani

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(Directorate of Extra-Mural Studies and Extension Services)

(Science Quiz)

(Proposal submitted and organised by Dr. Y.S. Prahlad)

List of Quiz Masters and Asstt. Quiz Masters

<u>Sr. No.</u>	<u>Name and Address</u>	<u>Designation</u>	<u>Venue</u>	<u>Date</u>
1.	Dr. R.B. Prabhu, Head Dept. of Physics, Goa University.	Quiz Master	St. Xavier's College, Magusa-Goa.	10/1/87
2.	Dr. A.K. Heblekar, Dept. of Physics, Goa University,	Quiz Master	Ponda Education Society's College of Arts & Science, Fannagudi-Goa.	10/1/87
3.	Dr. (Kum) S. Mavtnkurve Head, Dept. of Microbiology, Goa University.	Quiz Master	Dhempe College of Arts & Sc., Miramar, Panaji, Goa.	17/1/87
4.	Dr. Sengupta, N.X.O., Dona Paula, Goa.	Asstt. Quiz Master	a) Farmagudi b) Miramar	10/1/87 17/1/87
5.	Ms. Aradhana Rao, NIO, Dona Paula, Goa.	Asstt. Quiz Mistress	a) Farmagudi b) Miramar	10/1/87 17/1/87
6.	Dr. Y.S. Prahlad, Dept. of Mathematics, Goa University.	Asstt. Quiz Master	Mapusa	10/1/87
7.	Dr. Unnikrishnan, NIO, Dona Paula, Goa.	Asstt. Quiz Master.	Mapusa	10/1/87
8.	Dr. Prasanna Kumar, N.I.O., Dona Paula, Goa.	Asstt. Quiz Master	Miramar	17/1/87

(Directorate of Extra-Mural Studies and Extension Services)

Minutes of the meeting of the Advisory Committee
for Palem held on Monday 1st December, 1986 at 4.30 p.m.
in the Committee Room, Goa University, Bmbolim-Goa.

The following members were present:-

- 1) Dr. B.S. Shastry.':
- 2) Shri Pandurang Naik, "Jy. Sarpanch.
- 3) Dr. A.K. Heblekar.
- 4) Prof. S.R. Phal.
- 5) Smt. ghewanti Palkar, Panch.
- 6) Prof. G.K. Keikar.
- 7) Shri Ramesh B. Veluskar.

Prof. S.R. Phal was present 9.s a qpecial invitee.
Dr..Shastry was in the Chair in the absence of the Vice-
Chancellor.

The meeting was initiated by Professor G.K. Kelkar,
'Convenor, who recalled the function of 2nd October, 1986, in
which the Goa University adopted village Palom and some
prominent men of the village welcomed the step taken by the
'University. He reminded the meeting how an Advisory Committee
consisting of the following members had been established on
that occ4sion:-

1. Dr. Shripad Kunkolienkar,
2. Dr. R.V. Pandit, Poet.
3. Shri Ramesh Veluskar, Poet.
4. Mr. Joaquim D'Souza, ' Sarpanch.
5. Shri Pandurang Naik, Dy. Sarpanch.
6. Shri Vithal Satoskar, Panch.
7. Smt. Shewanti Palekar, Panph. ,
8. Dr. B.S. Shastry, Director, Extra,Mural Studies & Extension
Services, Goa University.
9. Dr. A.K. Heblekar, Director, Student's Welfare & Cultural
Affairs, Goa University.
10. Shri Nandkumar Kamat, Student.
11. Prof. G.K. yalkar, Convenor.

Professor Kelkar referred also to several Speakers who had suggested on the occasion various measures that could be taken to improve the lot of the village and the villagers. He concluded by saying **that** the current meeting was being held to consider in concrete terms the steps to be taken and implemented during the coming months of the academic year 1986-87.

The meeting then took up the agenda for consideration and the following decisions were taken after considerable discussion on each of the items F-

1. Socio-Economic Survey of Palem :- Prof. S.R. agrees to conduct a thorough socio-economic survey of the village during the month of January, 1987 with the help of the students of **WAG** department (Sociology) and a few others with the co-operation of the villagers. The information gathered in the survey would enable the Advisory Council to understand the areas where attention is most needed. Appropriate steps could then be taken to meet the requirements of these areas.

2. N.S.S. Day Camps:- Professor Kelkar agreed to hold some Day Camps on Sundays and holidays to undertake such activities as cleaning roads etc. in the village with co-operation of the villagers.

3. Films on Hygiene, Drug Addiction, etc : Dr. Shastri Stated that the UNISCO house, the UNICEF and the United Nations Information Centre have been requested to send us films on such issues like hygiene, drug addictions adult education, women problems, etc.. They have agreed to send and same are expected soon. These films would be shown to the villagers at Palem soon after the arrival. Mr. Veluskar mentioned at this stage that the arrangement for the film shows could be made at Palem with one day's notice. Besides, he would arrange for shofas at his school at Goa VeIha and elsewhere.

4, An Other Subject with the permission of the Chair:-

(a) Dr. B. Shastry read a letter received from Dr. S.G. V Vaidya, Honorary Secretary and Executive Director of the Goa Cancer Society in which Dr. Vaidya assures to hold talks, free medical check-Up, etc. at Palem. The members welcomed the idea and it was decided that Dr. Vaidya be connected for some programme in December, 1986 itself.

M Professor Kelkar read a letter received by him from the Vice-Chancellor, Dr. B. Sheik Ali in which the letter has suggested that a cultural programme be held at Pelem for the benefit of the people of the village on Monday 12th Jan. 87, which has been declared the National Youth Day to coincide with the birth day of Swami Vivekananda. The members welcomed the idea and approved Prof. Kelkar's suggestion that a variety entertainment programme by the N.S.S. students of his college be put up in the village on that day at 6.30 p.m..

(c) Professor Phal brought to the notice of the members that the nationalised banks have the facilities to give loans to Harijans to the extent of Rs.500/... without interest, security, or witness and that attempts be made to induce some of these banks in Goa to extent this facility to the Harijans of Palem all agreed.

(d) Dr. Shastry inquired from the Deputy Sarpanch Shri Pandurang Naik and other members from the village whether they would like to identify any particular issue for being taken up for action. The Deputy Sarpanch mentioned that there was a need for public toilet, increases of classes beyond the level of 4th class in the existing village and improvement of the existing public library. He and others from the village offered some accommodation free of charge for the use of the University for the purpose of organising various activities from **there**.

(e) It was agreed that on national holidays like 26th January, 15th August, 2nd October and 19th December, the village Panchayat or any other body in the village would organise some function to which the University would be requested to send its delegates for participation.

The meeting ended with a vote of thanks to the Chair.

(Directorate of Extra-Mural Studies and Extension Services)

List of the Members of the Advisory Council for ralom an their
Addresses

1. Dr. Shripad Kunkolienkar,
Near Talaulikar's Hospital,
Panaji, Goa 403 001.
2. Dr. R.V. Pandit, Poet,
Palem, Tiswadi, Goa.
3. Shri Ramesh Veluskar, Poet,
Palem, Tiswadi, Goa.
- 4, Mr. Joaquim D'Souza,
Sarpanch, Palem,
Tiswadi, Goa.
- 5, Shri Pandurang Naik,
Deputy Sarpanch, Palem,
Tiswadi, Goa.
6. Shri Vithal Satoskar,
Ponch, Palan,
Tiswadi, Goa.
7. Smt. Shewanti Palkar,
Panch, Palem,
Tiswadi, Goa.
8. Dr. B.S. Shastry,
Director,
Extra-Mural Studies &
Extension Services,
Goa University,
Bambolim, Goa 403 005.
9. Dr. A.K. Heblekar,
Director,
Student's Welfare &
Cultural Affairs,
Goa University,
BaMbolim, Goa 403 005.
10. Shri Nandkumar Kamat,
Ph.D. Student,
Department of Microbiology,
Goa University,
Bambolim, Goa 403 005*
- 11, Prof. G.K. Kelkar,
Convener,
Opposite St.Inez Post Offict
Panaji, Goa 403 001.

Note: (1) The Vice-Chancellor, Goa University will preside whenever
he is present in a meeting of the Advisory Committee.

(2) In the absence of the Vice-Chancellor, the Director,
Extra4tural Studies and Extension Services shall preside.

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