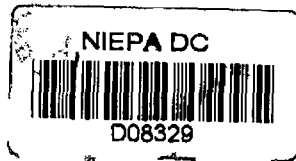


ANDHRA UNIVERSITY

SIXTY-SIXTH
ANNUAL REPORT
1991-92



ANDHRA UNIVERSITY PRESS

VISAKHAPATNAM

Ministry of Education
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CHAPTER I

Introductory

1. In compliance with the provisions of section 22 of the Andhra University Act No.4 of 1991, the Board of Management presents to the Academic Senate, the following report on the working of the University during the year 1991-92, i.e., its 66th year of its working.

2. The period covered in this report is from 1st July 1991 to 30th June, 1992.

3. The following are some of the salient features of the University during the year under report :

(a) Appointment of Dr. M. Gopalakrishna Reddy, In-Charge Vice-Chancellor and Registrar as Vice-Chancellor of the University for a period of three years.

(b) Appointment, by the Board of Management, of Prof. P.V. Ratnam, Professor of the Dept. of Electrical Engineering of the A.U. College of Engineering as Principal of the A.U. College of Engineering, for a period of three years w.e.f. 1-9-91.

(c) Appointment, by the Board of Management of Prof. Gopalakrishna, Professor of the Dept. of Mathematics as Principal of the College of Science & Technology for a period of three years from 1-6-92.

(d) Appointment, by the Board of Management, of Prof. N. Venkateswara Rao, Professor of Chemistry in the A.U. College of Engineering as Rector of the University, for a period of one year from 27-5-92.

(e) Appointment, by the Board of Management of Prof. W.S. Rama Rao, Professor in the Dept. of Physics of the College of Science & Technology A.U. Waltair, as Registrar of the University for a period of one year.

(f) Grant of affiliation to Affiliated Colleges as stated below :

- i) Gurajada Educational Society Degree College, Munsabpet, Srikakulam Dt.
- ii) S.V.V.M. Degree College, Visakhapatnam
- iii) Sri Gowri Samkshema Samiti Degree College, Visakhapatnam
- iv) Maddi Pattabhi Reddy Degree College, New Gajuwaka, Visakhapatnam
- v) Braves Degree College, Abidnagar, Visakhapatnam
- vi) V.V.R. Kanakha Mahalakshmi Degree College, Visakhapatnam
- vii) Maxwell Institute of Science & Technology Degree College, Visakhapatnam

- viii) Pydah Educational Academi Degree College, V Visakhapatnam
- ix) Sri Rajiv Educational Society Degree College, V Visakhapatnam
- x) Gandhigram Educational Society Degree College, Visakhapatnam
- xi) Sri Balaji Vidya Parishad Degree College, Visakhapatnam
- xii) Anna's College for Women, Visakhapatnam
- xiii) Sri Venkateswara Vidya Parishad Degree College, Visakhapatnam
- xiv) Rajiv Institute of Social Security Degree College, Kakinada
- xv) Gollala Mamidada Educational Society Degree College, G. Mamidada, E.G. Dist.
- (xvi) Peace Educational Foundation Society Degree College, Rajahmundry
- (xvii) Nava Nidhi Vidya Samiti Degree College for Women, Amalapuram
- (xviii) V.S.K.M. Degree College, Bhimavaram and
- (xix) A.K.R.G. Educational Society Degree College, Nalla-erla, W.D. Dist.

(g) Grant of affiliation in B.B.M. and M.B.A. Degree Courses to (i) College of Management Studies and the (ii) Gandhi Institute of Technology & Management Studies, Visakhapatnam. Grant of affiliation for a Law College namely, College of Law, All Saints Christian Educational Society, Visakhapatnam.

(h) Grant of affiliation in M.Com. Degree Course to Y.N.M. College at Narsapur.

(i) Grant affiliation to Sir C.R.R. College of Engineering at Eluru.

(j) Grant of permanent affiliation in M.A. Degree Course in Economics to C.S.D. St. Theresa's College for Women at Eluru.

(k) Grant of permanent affiliation in the restructured courses of B.A. and B.Sc. and to K.G.R.L. College at Bhimavaram.

(l) Grant of permanent affiliation in M.Sc. Degree Course in Chemistry to Govt. Arts College, Rajahmundry.

(m) Starting of one year M.J.M.C. (Master of Journalism and Mass Communication Course) and decision to address the University Grants Commission to sanction necessary financial assistance for organising the said course.

(n) Decision to institute Dr. Lankapalli Bullayya Endowment Lectures.

CHAPTER II

Personnel

CHANCELLOR : His Excellency Sri Krishna Kant, Governor of Andhra Pradesh is continued to be the Chancellor of the University.

VICE-CHANCELLOR : Dr. M. Gopalakrishna Reddy is continued to be the In-Charge Vice-Chancellor till 17-9-1991.

The Governor of Andhra Pradesh who is also the ex-officio Chancellor of this University has appointed Dr. M. Gopalakrishna Reddy, In-Charge Vice-Chancellor as Vice-Chancellor for a period of three years and Dr. Gopalakrishna Reddy took charge as Vice-Chancellor on the F. N. of 18-9-1991.

RECTOR : The Board of Management at its meeting held on 25-5-1992 has appointed Prof. N. Venkateswara Rao, Professor of Chemistry in the A. U. College of Engineering as Rector of this University for a period of one year and Prof. N. Venkateswara Rao has taken over charge as Rector on the F. N. of 27-5-1992.

PRINCIPALS OF THE UNIVERSITY COLLEGES :

Prof. K. Ranga Rao is continued to be the Principal of the A. U. College of Arts and Commerce.

Prof. K. Venkata Reddy is continued to be the Principal of the J. V. D. College of Science and Technology and the Erskine College of Natural Sciences till 1-6-1992.

Consequent on the expiry of the tenure of the office as Principal by efflux of time on 31-5-1992, the Board of Management at its meeting held on 25-5-1992 has appointed Prof. J. Gopalakrishna, Professor in the Dept. of Mathematics as Principal of the College of Science & Technology from 2-6-1992 till 31-8-1993, i. e., till the date of his retirement from University service.

Prof. C. Chiranjeevi is continued to be the Principal of the A. U. College of Engineering till 30-9-1991.

Consequent on the retirement of Prof. C. Chiranjeevi from University service on the A. N. of 30-9-1991, the Board of Management at its meeting held on 30-1-1991 has appointed Prof. P. V. Ratnam, Dept. of Electrical Engineering as the Principal of the A. U. College of Engineering for a period of 3 years with effect from 1-10-1991.

Prof. R. Jaganmohana Rao is continued to be the Principal of the A. U. College of Law.

REGISTRAR : Dr. M. Gopalakrishna Reddy is continued to be the Registrar till 17-9-1991.

Consequent on the appointment of Dr. M. Gopalakrishna Reddy as Vice-Chancellor, the Board of Management at its meeting held on 22-9-1991 has appointed Prof. P. V. S. Rama Rao, Professor in the Dept. of Physics, College of Science and Technology as Registrar for a period of one year and Prof. P.V.S.Rama Rao took charge as Registrar on the F. N. of 24-9-1991.

The academic Senate at its meeting held on 28-3-92 has adopted the the following resolution :

" The academic Council do express its deep sense of sorrow for the sad and sudden passing away of Prof. K. V. R. Narasimham, Professor and Head of the Dept. of Telugu and also Honorary Professor of Theatre Arts of Andhra University and also member of the Academic Council and Senate and place on record its appreciation of the valuable services rendered by him to the University in various capacities. The Senate further resolved to convey its sincere sympathy and condolences of this house to the members of the bereaved family.

The Academic Senate at its meeting held on 28-3-92 has adopted the following resolution :

" Resolved that the Academic Senate do express its deep sense of sorrow for the sudden demise of Sri B. Dharma Rao, Former Principal, P. R. Govt. College, Kakimada and member of Academic Senate and do place on record its appreciation of the valuable services rendered by him to the University as a member of Academic Senate and as the Chairman of the Board of Studies in Politics and Public Administration (pass) and further resolved to convey the sincere sympathy and condolences, of the House to the members of the bereaved family.

CHAPTER III

Meetings of the University Authorities

ACADEMIC SENATE :

During the year under report, one meeting of the Academic Senate which was also the Annual Meeting was held at 9.00 a.m. on Saturday, the 28th March, 1992 in T.L.N. Sabha, University campus, Waltair and at that meeting the Annual Report for the Academic Year 1990-91, the Revised Financial Estimates for the year 1991-92 and also the Budget Estimates for the financial year 1992-93 were considered and passed.

BOARD OF MANAGEMENT :

During the year under report, the meetings of the Board of Management were held on the following dates :

- i) 15-7-1991
- ii) 24-8-1991
- iii) 22-9-1991
- iv) 28-10-1991
- v) 24-11-1991
- vi) 4-1-1992
- vii) 15-2-1992
- viii) 7-3-1992
- ix) 25-4-1992
- x) 25-5-1992 and
- xi) 21-6-1992

BOARDS OF STUDIES :

The Annual Meetings of the several Boards of Studies were held during December 1991.

The Annual Meeting of the Boards of Studies in (i) Electronics and Communication Engineering (ii) Anthropology and Fine Arts were held during April 1992.

The Annual Meeting of the Boards of Studies in (i) Geo-Engineering and (ii) Physical Education were held during June 1992.

EQUIVALENCY BOARD :

One meeting of the Equivalency Board was held on 3-7-1991.

CHAPTER IV

Statutes and Regulations

A) Statutes

The following are some of the important amendments to the Statutes made by the Board of Management.

a) Amendments to the Statutes providing for the change of the nomenclature from Syndicate to Board of Management, Senate to Academic Senate and also deletion of the word Academic Council in Chapters VI, VII & VIII of the Andhra University Code Volume I to be in consonance with the changes in the University Act No. IV of 1991.

b) Amendments to the Statutes prescribing the election procedure in respect of the University authorities, viz.

- i) Academic Senate and
- ii) Board of Management

B) Regulations

The following are some of the important amendments to the Regulations made by the Academic Senate during the year under report.

i) Revised syllabus relating to the previous and final years of the Chemical Oceanography of the M.Sc. degree course in Chemistry.

ii) Revised syllabus in respect of the specialisation, viz. Alankara under the final year of the M.A. degree examination in the Sanskrit and also junior and senior diploma examinations in Sanskrit.

iii) Revised syllabus in respect of previous and final years of the M.A. Degree examination in Telugu.

iv) Revised syllabus relating to previous year of the M.Sc. degree examination in Nuclear Physics.

v) Revised syllabus in respect of final year of the Inorganic, Analytical, Bio-inorganic and Environmental Chemistry specialisations of the M.Sc. degree examination in Chemistry.

vi) Amendments to the syllabus providing for inclusion of certain Chapters in the final year of the M.Sc. degree examination in Botany.

vii) Revised syllabus in respect of certain papers of the previous and final years of the M.Sc. Degree examination in Human Genetics and Physical Anthropology.

viii) Revised syllabus in respect of M. Phil. course in Sanskrit.

ix) Revised syllabus in respect of "Advanced Fishery Science for M. Phil. degree course of Zoology.

x) Revised Regulations comprising the revised scheme of instruction and examination and also revised syllabi in respect of M.Sc. (Tech.) degree examination in Applied Geology.

xi) Amendments to the regulations providing for the revised scheme of Instruction and also syllabus in respect of the subject, viz. Nutrition and Dietetics in respect of the B.Sc. Degree examination.

xii) Revised syllabus in respect of Paper II of the M.Sc. degree examination in Applied Chemistry.

xiii) Amendments to the regulations and also syllabi providing for a change of the nomenclature from Human Genetics and Physical Anthropology to Human Genetics at the B.Sc. degree examination.

xiv) Amendments to syllabi in respect of the final year of the M.Sc. degree examination in Applied Mathematics.

xv) Amendments to syllabi providing revised syllabus in Paper III of the M.Phil. and Ph.D. Degree examinations in Geography.

xvi) Revised syllabus in respect of final year of the M.Sc. degree examination, in Physical Chemistry and also Nuclear Chemistry.

xvii) Revised syllabi relating to M.A. degree examination in English.

xviii) Revised syllabus relating to M.A. degree examination in Economics.

xix) Regulations providing for the schemes of Instruction and examination and also syllabus relating to the B.J.M.C. (Bachelor of Journalism and Mass Communication) degree examination.

xx) Amendments to the regulations providing syllabus in respect of the papers viz. "Complex analysis and measure theory and functional analysis" of the M.Sc. degree examination in Mathematics.

xxi) Amendments to the syllabi providing restructure syllabus in respect of M.Sc. degree examination in Statistics and also Postgraduate Diploma in Applied Statistics.

xxii) Amendments to the syllabus providing revised syllabus in respect of final year of the M.Sc. degree examination in Nuclear Physics.

xxiii) Amendments to the Regulations providing for the revised schemes of instruction and examination and also syllabi relating to first, second and third years of the B. Arch. Degree course.

xxiv) Regulations comprising schemes of instruction and examination and also syllabi relating to the M.J.M.C. (Master of Journalism and Mass Communication) Degree examination.

xxv) Syllabi relating to the 5 year B.L. Degree examination.

xxvi) Amendments to the syllabi relating to the restructured syllabus in respect of Mathematics of the M.Phil. degree.

xxvii) Amendments to the syllabi providing syllabi respect of final years of the (a) M.Sc. degree examination in Physics and also (b) M.Sc. (Tech.) Degree examination in Electronics.

xxviii) Revised syllabi in respect of previous and final years of the M.A. Degree examination in Psychology and Parapsychology.

xxix) Revised syllabi relating to previous and final years of the M.Sc. degree examination in Zoology.

CHAPTER V

Exemptions

The following is a classified list of Exemptions granted to the candidates to appear privately for various University Examinations during the year as mentioned hereunder :

	September	March
	1991	1992
1. Matriculation	3,560	7,043
2. Pre-University Course	2,271	3,264
3. B.A. Degree	1,915	3,500
4. B.Sc. Degree	15	58
5. B.Com. Degree	950	2,150
6. M.A.	5,740	—
7. M.Com.	2,500	—
8. M.Sc. Applied Mathematics	120	—
9. P.O.L.	29	25
10. B.A. (O.L.)	—	2
11. Diploma in Music	—	52
12. Change of group Subjects :		
Matriculation	11	18
Pre-University Course	18	20
B.A.	29	45
B.Com.	42	138
B.Sc.	—	—
M.A.	70	—
M.Com.	57	—

CHAPTER VI

Examinations

The results of the various examinations of this university which were held during the academic year 1991-92 are given in APPENDIX A.

CHAPTER VII

Annual Convocation

The sixty second Convocation of Andhra University, for conferring various degrees and titles was held in Sri Cattamanchi Ramalinga Reddy Convocation Theatre, Andhra University Campus, Waltair, at 4.00 p.m. on Sunday, the 5th January 92 under the Presidentship of Sri Krishan Kanth, Governor of Andhra Pradesh and Chancellor of this University.

His Holiness the Dalailama, noble laureate has addressed the Graduates.

The Chancellor has conferred the Honorary Degree of Doctor of Letters on H.H. the Dalailama.

CHAPTER VIII

University Colleges

The number of students in the University Colleges for the year 1991-92 is given in APPENDIX 'B'.

The following new courses have been started during the year :

Name of the Course	College in which started
1. Master of Journalism and Mass Communication	A.U. College of Arts & Commerce
2. M.Sc. (Tech.) Geological Applications & Remote Sensing	A.U. Colleges of Science & Technology

The following teachers have been promoted as Professors Readers under UGC Merit Promotion Scheme and as Readers under Career Advancement Scheme :

UNDER UGC MERIT PROMOTION SCHEME :

I. College of Arts & Commerce :

Professors :

- | | |
|------------------------------|---------------------------------|
| 1. Sri J. Prabhakara Sastry | Sanskrit |
| 2. Dr. (Mrs.) K. Laxmi Devi | English |
| 3. Dr. V. Ramakrishna Rao | English |
| 4. Dr. V.S. Prameela | Psychology & Para-psychology |
| 5. Dr. Ch. A. Krishna Rao | Economics |
| 6. Dr. R.M. Mohan Rao | Cooperation & Applied Economics |
| 7. Dr. L. Chakradhara Rao | Telugu |
| 8. Dr. C. Subrahmanya Sastry | Telugu |
| 9. Dr. S.M. Iqbal | Hindi |

Readers :

- | | |
|-----------------------------|-------------------------|
| 9a. Dr. G. Akkubhotla Sarma | Sanskrit |
| 10. Dr. K. Solomon Raju | English |
| 11. Dr. T. Viswanadha Rao | English, Kakinada |
| 12. Dr. K. Sita Lakshmi | Hindi |
| 13. Dr. V.L. Narasimha Rao | Anthropology |
| 14. Dr. K. Srinivasa Murty | Anthropology |
| 15. Dr. M. Madhusudhan | Politics & Public Admn. |
| 16. Dr. K. Ravi | -do- |
| 17. Dr. R. Sudarsana Rao | Economics |
| 18. Dr. M. Sundara Rao | Economics, Srikakulam |

- | | | |
|-----|-------------------------|------------------------------------|
| 19. | Dr. C. Samba Murty | Cooperation & Applied
Economics |
| 20. | Dr. E. Nagabhushana Rao | Rural Development,
(Srikakulam) |
| 21. | Dr. B. Joseph Stanley | Commerce & Mgt.
Studies |
| 22. | Dr. P. Devaki Devi | I.R. & P.M. |
| 23. | Dr. K. Ramesh | -do- |
| 24. | Dr. V. Gouri Ram Mohan | Psychology & Para-
Psychology |
| 25. | Dr. V.C. Sudheer | English |
| 26. | Sri V. Kesava Rao | Law |
| 27. | Dr. D. Suran Naidu | Politics & Public Admn. |

II. College of Science & Technology :

Professors :

- | | | |
|-----|--------------------------|--|
| 28. | Dr. P.V. Subba Rao | Physical & Nuclear
Chemistry |
| 29. | Dr. T.G. Reddy | Bio-Chemistry |
| 30. | Sri P.V. Krishnaiah | Mathematics |
| 31. | Dr. I.H. Nagaraja Rao | Applied Mathematics |
| 32. | Dr. V.V. Ramana Rao | -do- |
| 33. | Dr. J. Sreerama Murty | Physics, Nuzvid |
| 34. | Dr. J.K. Patnaik | Meteorology & Oceano-
graphy |
| 35. | Dr. K. Srinivasa Rao | Zoology |
| 36. | Dr. P. Veera Raju | Human Genetics &
Physical Anthro-
pology |
| 37. | Dr. M.V. Subba Rao | Environmental
Sciences |
| 38. | Dr. A. Shivaji Raju | Geophysics |
| 39. | Sri M. Bhaskara Rama Rao | Applied Physics. |
| 40. | Dr. S. Bangarraju | Physics |
| 41. | Dr. P.V.S. Sarma | Statistics |
| 42. | Dr. G.S. Murthy | Physical & Nucl.
Chemistry |

Readers :

- | | | |
|-----|--------------------------|----------------|
| 43. | Dr. K. Bhaskara Rao | Applied Maths. |
| 44. | Dr. A.L. Narayana | Physics. |
| 45. | Dr. D.N. Madhusudana Rao | Physics. |
| 46. | Dr. A. Shakuntala | Zoology. |

III. College of Engineering :

Professors :

- | | | |
|-----|----------------------|----------------------|
| 47. | Dr. H.B. Goli | Civil Engineering |
| 48. | Dr. T. Venkateswarlu | -do- |
| 49. | Dr. C. Ayyanna | Chemical Engineering |

50.	Dr. P.S. Sankara Rao	Chemical Engineering
51.	Dr. Y.S.P. Narayana Rao	-do-
52.	Dr. K. Veerabhadra Rao	-do-
53.	Dr. C.V. Raghavayya	-do-
54.	Dr. R.N. Someswara Rao	Mechanical Engg.
55.	Sri A. Krishna Rao	-do-
56.	Sri K.C. Surya Rao	-do-
57.	Dr. V. Poornachandra Rao	Electrical Engg.
58.	Dr. B.V.R. Gupta	Marine Engg.
59.	Dr. L. Joga Rao	-do-
60.	Smt. C. Veenakumari	Electronics & Comm. Engg.
61.	Dr. K. Ranganadha Rao	Ele. Engg.
62.	Sri R.V. Subbaraju	Chem. Engg.
63.	Sri A. Ravi Prasad	-do-
64.	Sri K. Venkateswara Rao	-do-
65.	Sri A. Ramalinga Sastry	-do-
66.	Dr. M. Ananda Rao	Mech. Engg.
67.	Sri B. Satyam	-do-
68.	Sri M. Srinivasa Rao	-do-
69.	Dr. R. Rama Rao	Civil Engg.
70.	Sri B.H.V. Sarma	-do-
71.	Sri M. Srinivasa Rao	-do-
72.	Dr. A. Sanyasi Rao	Engg. Physics.

Readers :

73.	Dr. K. Vijaya Raju	Engineering Chemistry
74.	Dr. C.G. Rama Rao	Engg. Physics.
75.	Dr. G. Hanumantha Rao	Chemical Engg.
76.	Dr. R.N. Sinha	-do-
77.	Dr. C.V.R. Murthy	-do-
78.	Dr. S. Sarveswara Rao	-do-
79.	Dr. V. Dharma Rao	-do-
80.	Dr. B. Satyanarayana	Mechanical Engg.

UNDER CAREER ADVANCEMENT SCHEME

I. College of Arts & Commerce :

Readers :

1.	Sri E. Joshebabu	English
2.	Dr. Y. Lakshmi Prasad	Hindi
3.	Sri C. Pravana Murty	Politics & Public Admn.
4.	Dr. M. Sankara Rao	-do-
5.	Dr. A. Venkateswara Rao	-do-
6.	Dr. P. Krishna Prasad	Politics (SCC)
7.	Dr. O. Prabhudas	Coop. & App. Econo- mics
8.	Dr. K. Venkata Reddy	-do-

9.	Dr. M. Madhusudhana Rao	Commerce & M.S.
10.	Dr. T.G. Bhaskara Reddy	-do-
11.	Sri N.S.R. Krishna Murty	I.R. & P.M.
12.	Sri B.L. Narayana	-do-
13.	Dr. D.B.R.N.K. Benarji	-do-
14.	Dr. G.M. Darsan	-do-
15.	Dr. Susan Vargheese	Sociology
16.	Dr. M. Indiarra Devi	-do-
17.	Dr. B.J. Sthotram	Social Work
18.	Dr. P.S. Dixit	-do-
19.	Dr. B. Devi Prasad	-do-

II. Science & Technology :

Readers :

20.	Dr. U. Viplava Prasad	Org. Chemistry
21.	Sri P.V. Subba Rao	-do-
22.	Dr. M. Krishna Murty	Mathematics
23.	Dr. K. Ramamohana Rao	App. Maths., Nuzvid.
24.	Dr. N. Someswara Rao	Inorganic & Analy. Chemistry.
25.	Dr. A. Nageswara Rao	Phy. & Nucl. Chemistry
26.	Dr. K.M.M. Krishna Prasad	-do-
27.	Dr. P.V. Ramana	-do-
28.	Dr. S. Nanarao	Physics
29.	Sri V. Bhaskara Rao	-do-
30.	Dr. B.V. Ramana Rao	-do-
31.	Dr. M.L.N. Raju	Nuclear Physics
32.	Dr. G. Satyanarayana	-do-
33.	Dr. S. Venkataratnam	-do-
34.	Sri G.R. Mohana Rao	Applied Physics
35.	Dr. P. Venkateswara Rao	-do-
36.	Sri Ibrahim Khan	-do-
37.	Sri N. Venugopala Rao	-do-
38.	Sri P. Krishna Rao	-do-
39.	Dr. A.V. Satyanarayana	-do-
40.	Dr. A. Lakshmiipathi Raju	Geo-Physics
41.	Dr. D. Bhaskara Rao	-do-
42.	Dr. N.V.B.S.S. Prasad	-do-
43.	Sri K. Subba Rao	Met. & Ocean.
44.	Dr. K. Gopala Reddy	-do-
45.	Dr. B. Satyanarayana	-do-
46.	Sri S.V.S. Somanadham	-do-
47.	Sri S. Ramana Rao	Geology
48.	Sri S. Venkataratnam	Botany
49.	Sri K. Narasimham	Statistics
50.	Sri N. Annaji Rao	-do-
51.	Sri A. Ananda Swarup	-do-

TEACHERS ON LIEN/DEPUTATION/ON DUTY

1. Sri K. Sreedhara Rao, Reader, Dept. of Mechanical Engineering : Granted lien on his post for one year, w.e.f. 25-7-91 to Pursue his Ph.D. programme at West Virginia University, Morgantown, U.S.A.

2. Sri M. Prasada Rao, Lecturer, Dept. of Economics : Granted On Duty leave for 3 years w.e.f. 25-9-91 for accepting the Commonwealth Academic Scholarship at UK.

3. Sri Ch. Subrahmanyam, Lecturer, School of CC : Granted lien on his post for one year w.e.f. 8-11-91 AN to accept the assignment.

4. Dr. (Mrs.) V. Kalpana Rao, Lecturer, Dept. of Psychology & Parapsychology : Granted lien on her post for one year w.e.f. 25-3-92 AN to pursue her post-doctoral Fellowship at Illinois, U.S.A.

5. Dr. M. Satyanarayana, Asst. Director, Institute for Yoga & Consciousness : Granted lien on his post for two years w.e.f. 11-5-92 to pursue Post-Doctoral Research at Duarte, California.

6. Dr. G. Ramachandrudu, Reader, Dept. of Economics : Granted deputation to work at IDPS, Visakhapatnam for a period of one year w.e.f. 12-8-91.

7. Dr. P. Premchand, Lecturer, Dept. of Comp. Sci. & Systems Engg. : Granted lien on his post for one year w.e.f. 8-10-91 AN to accept the post of Reader in Osmania University, Hyderabad.

8. Prof. K. Babu Rao, Dept. of Comp. Sci. & Systems Engg. : Granted deputation to work as Professor in the P.B.S. College of Arts & Science, Vijayawada w.e.f. 31-10-91 AN for one year.

9. Dr. S. Upendra Rao, Reader, Dept. of Comp. Sci. & Systems Engg. : Granted lien on his post for one year w.e.f. 29-1-92 AN to accept the post of Director, Computer Centre, University of Hyderabad.

10. Prof. Y.C. Simhadri, Dept. of Sociology : Granted provisional lien on his post to accept the Vice-Chancellorship in Nagarjuna University, Nagarjunanagar.

11. Dr. P.S. Avadhani, Reader, Dept. of Comp. Sci. & Systems Engg. : Granted On Duty w.e.f. 31-12-91 A.N. to join into M.Tech. Programme under DOE's Cross Migration Scheme at I.I.T. Kanpur.

12. Sri C. Syamprasad Rao, Lecturer, Dept. of Rural Development, A.U.P.G. Centre, Srikakulam : Granted lien on his post for one year w.e.f. 30-3-92 AN. to accept the post of DSP in Andhra Pradesh.

TEACHERS JOINED DUTY AFTER COMPLETION
OF ON DUTY, LIEN, Etc.

1. Dr. S. Ramakrishna, Reader, Dept. of Civil Engineering: Joined on 26-5-92 after return from Bhubaneswar who served as Scientist "SE" in the Ministry of Environment & Forests.

2. Dr. M. Ananda Rao, Reader, Dept. of Mechanical Engineering: Rejoined duty on 4-7-91 F.N. after return from J.N.T.U. Hyderabad who served as Professor.

3. Prof. K. Sreeramachandra Rao, Department of Geology: Joined on 9-7-91 after completing his assignment of Professorship in the University of Asmara, Ethiopia.

4. Dr. A.V. Prasada Rao, Reader, Dept. of Inorganic & Analytical Chemistry: Joined on 1-10-91 after his completion of National Overseas Scholarship for Post-Doctoral Research at Pennsylvania State University, U.S.A.

5. Dr. T. Padma, Reader in English, A.U.: Joined on 1-2-92 after pursuing her Post-Doctoral Research at Northern Kentucky University.

6. Prof. T. Ramesh Dutta, Department of English: Joined on 1-2-92 after taken up his teaching-Research assignment at the Northern Kentucky University under University's Exchange Programme.

7. Dr. B. Kishore, Reader, Dept. of Zoology, A.U.: Joined on 23-5-92 F.N. after completion of his National Overseas Scholarship at State University of New York, Buffalo, U.S.A.

8. Prof. P. Adeswara Rao, Dept. of Hindi: Joined on 6-4-92 F.N. after completion of his assignment as Visiting Professor at the Indology, Dept. of the Catholic University of Louvain, Belgium.

9. Dr. K. Rajpramukh, Reader Dept. of Anthropology: Joined on 6-9-91 F.N. after completion of his Post-Doctoral Fellowship/Research Associateship in the Dept. of Anthropology, University of Rochester, Rochester, U.S.A.

10. Dr. P. 'urnachandra Rao, Lecturer, Dept. of Physics: Joined on 30-9-1991 F.N. after completion of his ICTP Programme for Training and Research in Italian Laboratory Industry at Trieste, Italy.

11. Dr. A. Narayanaswamy, Lecturer in Geophysics: Joined on 18-6-92 F.N. after completion of his ICTP programme for Training and Research in Italian Lab. & Industry Trieste, Italy.

RETIREMENTS / DECEASED DURING THE PERIOD

1-7-91 TO 30-6-92

Sl. No.	Name of the candidate	Department	Date of Retirement/death
1.	Prof. Ch. Bheemasankara Rao	Organic Chemistry	30-2-92
2.	Dr. P. Satyanarayana	-do-	31-01-92
3.	Prof. K. Kameswara Rao	Geology	31-05-92
4.	Prof. C.C. Narasimha Murty	Zoology	31-10-91
5.	Prof. R. Vaidyanadhan	Geography	30-10-91
6.	Prof. T. Shivaji Rao	Civil Engineering	31-01-92
7.	Prof. C. Chitanjeevi	Chemical	30-09-91
8.	Prof. G.J.V.J. Raju	-do-	31-01-92
9.	Dr. Ch. Radhakrishna Murthy	Engineering Chemistry	28-02-91
10.	Prof. K. Rama Rao	Law	30-06-92
11.	Dr. S. Subrahmanyam, Reader	Economics (Resigned)	07-08-91
12.	Dr. K. Ramunaidu, Reader	Commerce or (expired)	23-09-91
13.	Dr. Y. Gouthami Rao, Reader	Commerce, Lien terminated w.e.f.	22-01-92
14.	Dr. M.V. Subba Rao, Lect. (Phy.)	School of Correspondence Courses	08-01-92
15.	Sri A. Sivaprasad Rao, Lect.	Bio-Chemistry (Lien terminated)	22-01-92
16.	Sri T. Crupakar Paul, Lect.	Pharmacy (Lien terminated)	14-08-91
17.	Dr. S. Rama Murthy, (Prof. MPS)	Expired	13-03-91
18.	Sri V. Radhakrishna Murthy, Lect.	Engineering Physics Lien terminated	20-12-91
19.	Prof. K. Siva Reddy	Library Science Retired	30-06-92

AUPG CENTRE, NUZVID

Department of Applied Mathematics

Dr. K. Ramamohana Rao, Reader, has been deputed to the Annual Conference of the Indian Mathematical Society held at Aligarh during December, 1991 and presented a paper entitled "Magnetic Symmetry in Quasicrystals" at the said Conference.

CHAPTER IX

Affiliated and Oriental Colleges

LIST OF COLLEGES IN THE ANDHRA UNIVERSITY AREA 1991 - '92

S. No.	District	Profes- sional		Affilia- ted		Oriental College		Total		Total
		NG	G	NG	G	NG	G	NG	G	
1.	Srikakulam	1	-	2	8	-	-	3	8	11
2.	Vizianagaram	2	-	5	2	-	2	7	4	11
3.	Visakha- patnam	7	-	21	6	1	-	29	6	35
4.	East Godavari	3	1	14	10	5	-	22	11	33
5.	West Godavari	7	1	14	12	6	-	27	13	40
Grand Total		20	2	56	38	12	2	88	42	130

Faculty wise student enrolment in Professinel, Affiliated and Oriental Colleges is given in Appeddix - 'C'

AFFILIATED COLLEGES

1. SRIKAKULAM DISTRICT

Government College, Multifaculty :

Courses Offered

1. Sri G.S. Rama Rao, B.Sc. (Hons.) B.A., B.Com. & B.Sc.
Principal,
Govt. Degree College
Srikakulam 532 001
2. Smt. Nusurath A. Khadar, M.A. B.A., B.Com. & B.Sc.
Principal
Govt. College for Women
Srikakulam 532 001

3. Sri M.A. Suryanarayana Murty, M.Sc. B.A., B.Com. & B.Sc.
Principal
Govt. Degree College
Tekkali 532 201
4. Sri P.K.R.M. Sarma, M.Sc. B.A. & B. Com.
Principal
Govt. Degree College
Baruva 532 264
5. Sri P. Veeranna, M.A. B.A. & B. Com.
Principal
Govt. Degree College
Narasannapeta 532 421
6. Sri C.R.K. V. Suryanarayana, M. Sc. B.A. & B. Com.
Principal
Govt. Degree College,
Ichapuram 532 312
7. Sri T. Gopalakrishna, M.A. B.A. & B. Com.
Principal
Govt. Degree College,
Palakonda 532 440
8. Sri K. Bhaskara Reddy, M.Sc. Ph.D., B.A. & B. Com.
Principal
Govt. Degree College
Amadalavalasa 532 185

Private Colleges (Multifaculty) :

9. Sri H. Venkata Rao, M.Com. B.A. & B. Com.
Principal & Correspondent
S.B.S.Y.M. Degree College
Kasibugga 532 222
10. Sri R. Krishnamurty, M.A. B. Sc. B.Ed. B.A., B. Com. & B. Sc.
Principal - in - charge
Gayatri Degree College of
Science and
Management
Vill : Munsabpeta, (P.O.)
Pedapadu 532 401
Srikakulam Dist.

Single Faculty College :

11. Principal in-charge B. Ed.,
 Gurajada Educational Society
 College of Education
 Vill : Munsabpeta, (PO),
 Pedapadu 532 401, Srikakulam Dist.

II. VIZIANAGARAM DIST.**Government Collegs, Multifaculty Colleges :**

1. B.A. & B. Com.
 Principal
 Govt. Degree College
 SALUR 532 591
2. Dr. V.S. Ratna Kumar, M.Sc., Ph.D. B.A. & B. Com.
 Principal,
 Govt. Degree College
 S. Kota 531 145

Private Colleges : Multifaculty Colleges :

3. Sri G.V.R. Subrahmanyam, M.Sc. M.A. (Hist.), M.A. (ECO.)
 Principal M.Com.,
 M.R. Autonomous College B.A., B.Com. & B.Sc.
 Vizianagaram 531 202 Re. Stru. also.
4. Smt. M. Lalitha Kumari, M.Sc. B.A., B. Com. & B.Sc.
 Principal Re. Stru. also.
 M.R. College for Women
 Vizianagaram - 531 202
5. Sri C. Chella Rao, M.Sc. B.A., B., Com. & B.Sc.
 Principal
 Rajah R.S.R.K. Ranga Rao
 College
 Bobbili 532 556
6. Sri A.L. Mohan, M.A., M.Phil. B.A., B.Com. & B.Sc.
 Principal Re. Stru. also.
 S.D.S. Autonomous College
 of Arts &
 Applied Sciences
 SHREERAMNAGAR 532 101
7. Sri L. Narayana Murty, B.A.. & B.Com.
 M.A., M.Phil.
 Principal
 S.V. Degree College
 Parvathipuram 532 502.

Single Faculty Colleges :

8. Prof. R. Rama, M.A., B.Ed., & M.Ed.
M.Ed., Ph.D.
Principal
M.R. College of Education, Fort
Vizianagaram 531 202.
9. Principal - in - charge B.L.
M.R. College of Law
Vizianagaram 531 202.

Govt. Oriental College :

10. Sri Perala Bharata Sarma, M.A.

Principal
M.R. Govt. Sanskrit College
Vizianagaram 531 202.
11. Govt. Music College :
12. Sri Dwaram Durga Prasada Rao

Principal
M.R. Govt. Music College
Vizianagaram 531 202.

III. VISAKHAPATNAM DISTRICT**Government Colleges, Multifaculty colleges :**

1. Sri Ch. Satyanarayana, M.A. B.A., B.Com & B.Sc.
Principal
Dr. V.S. Krishna Govt.
College, Visakhapatnam
530 010
2. Sri Y.B.V.S. Rama Sastri, B.A., B.Com. & B.Sc.
M.A.
Principal
Govt. Degree College
Chodavaram 531 036
3. Sri Ch. Subrahmanya Sarma, B.A. & B.Com.
M.Sc.
Principal
Govt. Degree College
Narsipatnam 531 116
4. Smt. M. Parvathi Devi, M.A. B.A. & B.Com.
Principal
Govt. Degree College
Bheemunipatnam 531 163
5. Dr. S. Srinivasa Rao, B.A. & B.Com.
M.A., Ph.D.
Principal
Govt. Degree College
Yellamanchili 531 050

6. Dr. T. Krishna Kumar, B.A. & B.Com.
M.Sc., Ph.D.
Principal
Govt. Degree College
Paderu 531 024

Private Colleges, Multifaculty Colleges :

7. Sri K.S. Prasad, M.Com. B.A., B.Com. & B.Sc.
Principal Restruc. also.
Mrs. A.V.N. College
Visakhapatnam 1
8. Sri K. Narasimha Rao, M.Com.
M.Sc., M.Phil. B.A., B.Com. & B.Sc.
Principal, (FAC)
A.M.A.L. College
Anakapalle 531 001
9. Sri K. Purushotham, M.Com. B.A., B.Com. & B.Sc.
I/c Principal
Dr. L.B. College
Visakhapatnam 530 013
10. Smt. A.B. Sarojini, M.A. B.A. & B.Com.
Principal
Visakha Govt. Women's
College in the premises of
old Boarstal School Opp. to
Central Jail, Post Daba-
gardens, Visakhapatnam
530 020
11. Dr. K. Lalithamba, B.A., & B.Com.
M.A., B.Ed., Ph.D.
Principal
S.A.M. Kalasala
Anakapalle 531 001
12. Sri K. Babu Rao Prasad, B.A., B.Com. & B.Sc.
M.Com.
Principal, in-charge
B.V.K. College
Visakhapatnam 530 016
13. Sri M. Veeraswami, M.A. B.A., B.Com. & B.Sc.
Principal-in-charge
V.M.C. Mahila Vidya Peeth
College for Women
M.V.P. Colony
Visakhapatnam 530 017

14. Sri D. Dakshina Murty, M.Sc. Principal
Gayatri Vidya Parishad College 47-7-28, Ba-Bapu Bhavan Dwarakanagar, Visakhapatnam 530 016 B.A., B.Com. & B.Sc. Restruc. also
15. Sri C. V. V. R. Krishna-murthi, M. Com. Principal-in-charge
S. V. V. M. Degree College 25-8-149, Main Road Visakhapatnam 530 001. B. A. & B. Com.
16. Sri Alice Marie, M. Sc. Principal & Correspondent
St. Joseph's Autonomus College for women Waltair (RS.) Visakhapatnam 530 001. B. A. & B.Sc.. Restruct. also.
17. Sri N. Gopala Rao, M. Sc. Principal,
Gowri Samkshema Samithi Degree College,
Neeranjaneya Complex Near Urvasi Theatre Kancharapalem, Visakhapatnam 530 008. B. A., B. Com & B. Sc. Restruc. also
18. The Principal-in-charge Maddi Pattabhirama Reddi Degree College
Mangalagiri Shopping Complex II Sector New Gazuwaka Visakhapatnam 530 026. B. A. & B. Sc. Restruc. also
19. Sri S. M. Dowla, M. A. Principal-in-charge
Braves Degree College 15-55-3A, Abid Nagar Akkayyapalem Visakhapatnam 16. B. A., B. Com & B. Sc. Restruc. also.
20. Sri A. Subbarayudu, M. Sc. Principal-in-charge
V. V. R. Kanakamahalakshmi Degree College, 4-44-6. Pedda Waltair Jn. Visakhapatnam. B. A., B. Com & B. Sc. B. B. M. Restruc. also.

21. Prof. M. Srirama Rao, M. Sc. B. A., B. Com. & B. Sc.
Ph. D. B. B. M. Restruct. also.
Principal-in-charge
Maxwell Institute of Science & Technology
30-15-152, Chandragupta Marg
Main Road, Dabagardens
Visakhapatnam 20
22. Sri R. Ananda Rao, B. Sc. & B. B. M.
M. A., Ph. D. Restruct. also.
Pydah Educational Academy
Degree College
Nehrunagar Complex
Visakhapatnam 2.
23. Prof. S. V. L. N. Rao, B. A., B. Com. & B. Sc.
Principal-in-charge B. B. M. Restruct. also.
S. S. Sidhanthi Degree College
49-11-17, Lalithanagar
Near Sankar Mutt.
Post, Dwarakanagar
Visakhapatnam 16.
24. Principal-in-charge B. A., B. Com. & B. Sc.
Gandhigram Educational Society
Degree College
Post. Gandhigram, Visakhapatnam 5
25. Principal-in-charge B. A., B. Com. & B. Sc.
Sri Balaji Vidya Parishath
Degree College,
Sri Venkateswara Vidya Parishath
Educational Complex
Vill. Mulagada, (Po) Gazuwaka
Visakhapatnam 26.
26. Sr. Mariamma Thomas B. A., B. Com. & B. Sc.
Principal & Correspondent
St. Ann's College for women
Post : Malakapuram.
Visakhapatnam.

27. Principal-in-charge B. A., B. Com. & B. Sc.
Sri Venkateswara Vidya Restruct. also.
Parishath
Degree College,
Sri Venkateswara Vidya
Parishath Educational
Complex Campus
R. R. V. Puram (Via),
Gopalapatnam,
Visakhapatnam 29.
28. Sri K. Phani Bhushana Rao, B.L.
B.Com. (Hons.), M.Phil.
Special Officer, N.V.P. Law
College Madhurawada,
Visakhapatnam 530 019.
29. Prof. M.K. Ganigu B.B.M., M.B.A.
M.Com., M.B.A.,
Ph.D.
Director, College of Manage-
ment Studies G I T A M
Gandhinagar Campus, Ru-
shikonda, Y e n d a d a P O.
Visakhapatnam 530 040.
30. Prof. K. Rama Rao B.L.
Principal, N.B.M. Law Colle-
ge, Maharanipeta, Visakha-
patnam 530 002.
31. Principal-In-Charge St. B.Ed.
Mary's Centenary College
of Education, Gnanapuram
Visakhapatnam 530 004.
32. Principal-In-Charge S.V. B.Ed.
College of Education Vill.
Namavaram, P. Lakshmi-
puram, B.P.O. Payakarao-
peta 531 126.
33. Principal-In-Charge, Colle- B.L.
ge of Law All Saints Christi-
an Education Society, Nehru-
nagar, Visakhapatnam 2.

Private Music College :

34. Principal - In-Charge Dip. in Music
Dwaram Venkataswami
Naidu Kalakshetra, Muvvala-
vanipalem Visakhapatnam 17.

IV EAST GODAVARI DISTRICT

Government Colleges (Multifaculty Colleges) :

1. Sri S.V. Raghavendra Rao, M.A. Principal, Rajahmundry 533 103. M.A. (M a t h s), M.Sc (Phy.), M.Sc. (Chem.), M.A. (Tel.) & M.Com., B.A., B.Com. & B.Sc. Re. Stru. also.
2. Sri D.I.V. Mohana Rao, M.A., L.L.B. Principal P.R. Govt. College. Kakinada 533 001. B.A., B.Com. & B.Sc. Re. Stru. also.
3. Sri K. Ramachandra Reddy, M.A. Principal, A.S.D. Govt. College for Women, Kakinada 533 002. B.A., B.Com. & B.Sc., B.Sc. (H o m e Science)
4. Sri K. Nageswara Rao, MSc. Principal Govt. Degree College, Razole 533 242. B.A., B.Com. & B.Sc.
5. Sri V. Satyanarayana, M.A., M.Ed. Principal, Govt. Degree College, Kothapeta 533 223. B.A., B.Com. & B.Sc.
6. Dr. N.D.V. Prasada Rao, M.A., Ph.D. Principal, Govt. Degree College, Tuni 533 401. B.A. & B.Com.
7. Sri V. Seshagiri Rao, B.Sc. (Hons.) Principal, Govt. Degree College, Ravulapalem 533 238. B.A. & B.Com.
8. Sri B. Martin Luther, M.A. M.Phil. Principal Govt. Degree College, Scethanagar 533 287. B.A. & B.Com.
9. Dr. G.V. Ramanaiah, M.Sc. Ph.D. Principal, Govt. Degree College, Rampachodavaram 533 288. B.A. & B.Com.
10. Principal Govt. Degree College, Mandapeta 533 308, B.A., B.Com. & B.Sc. Re. Stra. also.

Private Colleges (Multifaculty)

11. Sri M. Sambasiva sastry, MSc. Principal-in-Charge SKBR College Amalapuram 533 201. B.A., B.Com. & B.Sc. Restruc. also

12. Sri K. R. K. Prasad, M.A. M.A. (Hist) B.A.,
Principal B.Com. & B.Sc.
V.S.M. College Restruc. also
Ramachandrapuram 533 255.
13. Dr. G. Chiranjeevulu, B.A., B.Com. & B.Sc.
M.Sc., Ph.D. Restruc. also
Principal
S.R.V.B.S.J.B.M.R. (Auto-
nomous) College
Peddapuram 533 437.
14. Smt. L. Butchi Sundari, B.A., B.Com. & B.Sc.
B.Sc. (Hons.) Restruc. also
Principal
Smt. K. R. College for
Women
Rajahmundry 533 103.
15. Sri P. Dharma Rao, M.A. B.A., B.Com. & B.Sc.
Principal
M.S.N. Degree College
Kakinada 533 003
16. Dr. M. G. K. Murty, M. Sc., B.A., B.Com. & B.Sc.
Ph.D.
Principal
M.V.N.J.S. & R. V. R. College
Malkipuram 533 253
Razole Taluk, E.G. Dt.
17. Sri P. Madhusudhana Rao, B.A., B.Com. & B.Sc.
M.A.
Principal
S.K.V.T. College
Rajahmundry 533 103
18. Dr. P. Chiranjeevini Kumari, B.A., B.Com. & B.Sc.
M. A., Ph. D. Restruc. also
Principal
Ideal Degree College
Kakinada 533 001
19. Dr. V. Hanumantha Rao, B.A. & B.Com.
M.A., Ph. D.
Principal
P.V.R. Trust Degree College
Kakinada 533 001
20. Sri B. Ratna Reddy, M.A. B.A., B.Com. & B.Sc.
Principal Restruc. also
G.B.R. Degree College
Anaparthi 533 342

21. Principal-in-Charge
Rajiv Institute of Social
Security Degree College
12-15-7, Venkataratnapuram
Kakinada 533 001. B.A., B.Com. & B.Sc.
Restruc. also
22. Sri D. Rami Reddy, M.Com. B.A., B.Com. & B.Sc.
Principal-in-Charge
D.L.R. Degree College
Gollala Mamidada 533 344
23. Principal-in-Charge B.A., B.Com. & B.Sc.
Rajiv Gandhi Degree College Restruc. also
Luther Giri, Opp. Paper
Mill
Rajahmundry 533 105
24. Sri K. S. V. Gopalakrishna- B.A., B.Com. & B.Sc.
murti, M.Com. Restruc. also
Principal-in-Charge
Navanidhi Vidyasamithi
Degree College for Women
Bhupayya Agraharam
Amalapuram 532 201

Single Faculty Colleges :

25. Smt. Ch. A. Vijayakumari, B.Ed.
M.A., M.Ed.
Principal
S.A.M.D. College of Educa-
tion for Women
Rajahmundry 533 104
26. Principal-in-Charge B.Ed.
St. Mary's College of Educa-
tion
Sarpavaram
Kakinada 533 009
27. Sri N. Ravi, M.A., M.L.
Principal-in-Charge
G.S.K. Memorial Law Col-
lege
Rajahmundry 533103

Govt. College (Single Faculty)

28. Sri D. Ravindranadham, B.Ed. & M.Ed.
M.Sc. M.Ed. D.E.P.A., Dip.
in SC Edn. (London)
Principal-in-charge
Govt. Comprehensive
College of Education
Rajahmundry 533 103.

Oriental Colleges :

29. Sri T. Ramojigi Sarma
Principal
P.S.M. Sanskrit College
Kakinada.
30. Principal
S.C.R. Sanskrit College
Modekurru, Kothapeta Tq.
E.G. Dist.
31. Principal
S.P.S.S.R. Oriental College
Podagatlapalli (Via) Rayali
E.G. Dist.
32. Smt. A.S.V. Mahalaksh-
amma
Principal
Andhra Womens Sanskrit
College
Rajahmundry.
33. Sri V. Gopalakrishna, M.A.
Principal
S.G.V.P.K.J. Oriental
Degree College
Rajahmundry.

V. WEST GODAVARI DISTRICT**Government Colleges (Multifaculty)**

- | | |
|---|---------------------------------------|
| 1. Sri G.V.B. Sastri, M.Sc.
Principal
D.R.G. Govt. College
Pentapadu 534 166. | B.A., B.Com. & B.Sc. |
| 2. Sri G. Rama Rao Naidu,
B.Com. (Hons.)
Principal
S.C.I.M. Govt. College
Tanuku 534 211. | B.A., B.Com. & B.Sc.
Restruc. also |
| 3. Sri G. Venkateswarlu, M.A.
Principal
A.S.N.M. Govt. College
Palakollu 532 260. | B.A., B.Com. & B.Sc. |
| 4. Sri D. Srihari Raju, M.A.
Principal
C.S.T.S. Govt. College
Jangareddigudem 534 447. | B.A. & B.Com. |

5. **S.nt. B. Lakshmikantam,** B.A. & B.Com.
M.Sc.
Principal
D.N.R. Govt. College
for Women
Palakol 534 260.
6. **Dr. V. Suryakantham,** B.A. & B.Com.
M.A., Ph.D.
Principal
Govt. Degree College
for Women
Nidadavole 534 301.
7. **Major D.S. Ramakrishna,** B.A. & B.Com.
M.A.
Principal
Govt. Degree College
Chintalapudi 534 460.
8. **Sri E.V. Ramabrahmam,** B.A., B.Com. & B.Sc.
M.Com.
Principal
Govt. Degree College
for Men
Nidadavolu 534 301.
9. **Sri N. Sarraju,** B.A. & B.Com.
M.Com.
Principal-in-Charge
R.R.D.S. Govt. Degree
College
Bhimavaram 534 202.
10. **Sri V. Ramakrishna Raju,** B.A., B.Com. & B.Sc.
M.Com.
Principal
Ch.S.R.V.P. Murty Raju
Govt. College
Ganapavaram 534 198.
11. **Sri M.B. Babu Rao,** B.A., B.Com. & B.Sc.
M.A.
Principal
SAS Govt. Degree College
Narayanapuram 534 301.
(Via) Chebrole,
Tadepalligudem Tq.
12. **Sri S.R.K.K.V.K.N. Raja** B.A. & B.Com.
Bahadur, M.A. (double)
Principal
V.V. Giri Govt. Kalasala
Dumpagadapa 534 235.
(Via) Akividu.

Private Colleges (Multifaculty)

13. Sri B.V.A. Narasimha Raju, M.A. (Eco.), M.A. (SW)
M.A. M.A. (Tel.), M.Com.
Principal B.A. B.Com. & B.Sc.
D.N.R. (Autonomous) Restruc. also
College BHIMAVARM
534 202.
14. Sri M.S.V. Sharma, M.A. M.Com., M.A. (HRM),
Principal M.A. (Eco.), M.A. (Pol)
Sri C.R.R. College M.B.A., B.A., B.Com.
E L U R U 534 006. and B.Sc. Restruc. also.
15. Sri Bh. Jinendranath, M.A. (Eng.), M.A.
M.Com. (PAD) M.Com., M.B.A.
Principal B.A., B.Com. & B.Sc.
Sri Y.N. College Restruc. also
NARSAPUR 534 275.
16. Sr. M. Winifred, M.A. (Pol), M.A. (Eco.)
M.A. (Eng.) M.Ed. B.A., B.Com. & B.Sc.
Principal Restruc. also
Ch.S.D.St. Theresa's
(Autonomous) College for
Women E L U R U 534 006.
17. Mrs. C. Santha, M.A. B.A., B.Com. & B.Sc.
Principal
B.G.B.S. College for Women
NARSPUR 534 275.
18. Sri G. Thammayya, M.A. B.A., B.Com. & B.Sc.
Principal Restruc. also
S.V.K.P. & Dr. K.S. Raju
Arts & Science College
PENUGONDA 534 101.
19. Kum. A. Vidyavathi Devi, B.A. & B.Com.
M.A., M.Phil.
Principal
D.R. Goenka Womens
College
TADEPALLIGUDEM
534 101.
20. Sri C. Appa Rao, M.A. B.A. & B.Com.
Principal
S.V.S.S. Arts & Science
College
A T T I L I 534 134.

21. Sri M. Lakshmana Rao, M.A. (Eng.) M.A.
M.A., M.Phil. (HRM)
Principal B.A., B.Com. & B.Sc.
K.G.R.L. College Restruc. also.
BHIMAVARAM 534 201.
22. Sri B.B.S. Prakasa Rao, M.A. B.A., B.Com. & B.Sc.
Principal
S.M.B.T.A.V. & S.N. Degree
College
VEERAVASARAM 534 245.
23. Smt. K. Vijayakumari, M.A. B.A., B.Com. & B.Sc.
Principal
S.K.S.D. Mahila Kalasala
Old Town, T A N U K U
534 211.
24. Smt. C. Arunakumari, M.Sc. B.A., B.Com. & B.Sc.
Principal Restruc. also.
Sri C.R.R. College for
Women (PO) VATLURU
E L U R U 534 006.
25. Principal-in-charge B.A. & B.Com.
V.S.K.M. Degree College
B H I M A V A R A M
26. Principal-in-charge, B.A., B.Com. & B.Sc.
A. K. R. G. Educational
Society Degree College
NALLAJERLA 534 433.
W.G. Dist.

Single Faculty Colleges :

27. Prof. B. Janardhana Reddy Engg.
M.E., M.I.S.C.E., M.I.V.H.R., M.T.E.,
Principal
S.R.K.R. Engineering College
Chinna Amiram, BHIMAVARAM
534 202.
28. Sri R.S.L. Prasad, M.Sc., M.Ed. B.Ed.
Principal
D.N.R. College of Education
BHIMAVARAM 534 202.
29. Principal-in-charge B.Ed.
G.T.P. College of Education
for Women
BHIMAVARAM 534 202.
30. Principal-in-charge B.Ed.
Sri C.R.R. College of Education
E L U R U 534 006.

31. Principal-in-charge Engg.
Sri C.R.R. College of Engineering
E L U R U, (PO) VATLURU.
32. Sri P. S. Venkatesan, M. L. B. L.
Principal
Sri C. R. R. Law college
Eluru 534 006.
33. Principal-in-charge, B. L.
D. N. R. College of Law
Bhimavaram 534 202.

Single Faculty College - Govt.

34. Sri Ch. Subba Rao B. P. E. D., P. G. Dip.
Principal-in-charge
S. S. R. Govt. College of
Physical Education
Gopannapalem 534 450.

Oriental Colleges - Private

35. Sri B. Srimannarayana,
M. A.
Principal
Oriental Sanskrit College
Suryanarayanapuram
Bhimavaram, W. G. Dist.
36. Sri R. Veerabhadra Sarma
Principal
S. V. J. V. Sanskrit College
Kovvuru 534 350.
37. Principal
S. K. B. S. Oriental College
Palakol 534 260.
38. Sri C. S. Sastry
Principal
S. B. S. Oriental College for
Women
Tanuku 534 211.
39. L. B. S. Govt. Oriental
College
Chinanindra Kolanu

Oriental Music Private College :

40. Principal Dip. in Music
Nuli Subbraju Zimindarini
College of Music and Dance
Narasapur 534 275

LIBRARY & DOCUMENTATION CENTRE
National Institute of Educational
Planning and Administration
Aurobindo Marg,
New Delhi-110016
D-8229
11-11-94

<i>District</i>	<i>Autonomous Colleges</i>
Vizianagaram	1. S. D. S. College of Arts & Applied Sciences, Shreeramanagar.
	2. M. R. College, Vizianagaram.
Visakhapatnam	3. St. Joseph's College for Women Waltair R. S.
East Godavari	4. S. R. V. R. S. J. B. Maharanee College, Peddapuram.
	5. D. N. R. College, Bhimavaram
	6. Ch. S. D. St. Theresa's College for Women, Eluru.

CHAPTER X

Donations and Endowments

During the year under report, the following amounts have been received for the institution of various Prizes and Medals.

Sl.No.	Name of the Donor	Amount	Name of the Prize.
1.	Dr. V.V. Ramana Rao. Head of the Dept. of Applied Mathematics, JVD College of Science & Technology, A.U. Waltair.	10,000/-	Applied Mathematics Prize.
2.	Smt. K. Syamala, W/o (Late) K. Godavari Sarma, Lecturer in English, AUPG Centre, Kakinada.	10,000/-	Dr. K. Godavari Sarma Memorial Prize.
3.	Prof. D. Visweswaram, Head of the Dept. of Pharmaceutical Sciences, JVD College of Sci. & Tech. and the Erskine College of Natural Sciences.	10,000/- 3,000/-	Prof. K. Samba Murty Shasthyab-dipoorthi Prize.
4.	Prof. P.V. Krishna Rao, Dept. of Physical and Nuclear Chemistry & Chemical Oceanography.	10,000/-	Prof. M.N. Sastry, Indian Society for Analytical Scientists Prize.
5.	Sri A.S. Raja, C/o. Geeth & Sangeeth Theatres, Visakha-patnam.	11,000/-	Sri A.S. Raja Prize.
6.	Dr. K.N. Prudhvi Raju, Reader, Dept. of Geography, Banaras Hindu University, Varanasi.	10,001/-	Prof. R. Vaidyanathan Shashtyab-dipoorthy Prize.
7.	Prof. K. Srinivasa Rao, Dept. of Zoology, Erskine College of Natural Sciences, Waltair.	11,000/-	Sri Karra Raghuram Memorial Prize.

8. Dr. V. Ramakrishana Rao, 11,000/- Prof. K. Viswan-
Head of the Dept. of Engl-
ish, AU college of Arts &
Commerce, Waltair. adham Memorial
Prize.
9. Prof. M. Umamaheswara 5,129/- To be added to
Rao, Dept. of Botany, Erskine
College of Natural Sciences,
AU, Waltair. the earlier donated
amount of Rs.
12,371/- for the
institution of
Prof. B.G S. Rao
Memorial Prize.

CHAPTER XI

Recognitions

The following examinations Conducted by the other Universities Institutes have been recognised during the year under report.

Sl. No.	Name of the Degree Examination/ Diploma	Name of the University or Institution	Name of the Degree or Diploma of this University to which it is recognised
1.	Indian Certificate of Secondary Education	Council for the Indian School Certificate Examinations, New Delhi	Matriculation
2.	B.A. Degree	Nagarjuna University	B.A. Degree
3.	B.A. Degree	Osmania University	B.A. Degree
4.	B.A. Degree	Madras University	B.A. Degree
5.	School Final Examination (Maddhyamik Pariksha) Secondary Examn. Certificate	Board of Secondary Education, West Bengal	Matriculation
6.	High School Certificate Examination	Board of Secondary Education, Orissa	Matriculation
7.	B.A. Degree	AP Open University	B.A. Degree
8.	B.A. Degree	Sri Venkateswara University	B.A. Degree
9.	B.A. Degree	Mysore University	B.A. Degree
10.	Matriculation	Central Board of Education, New Delhi	Matriculation
11.	B.A.	Sambalpur University	B.A.
12.	B.A. (O.L.)	Nagarjuna University	B.A. (OL)
13.	B.Com.	Sri Venkateswara University	B.Com.
14.	B.Sc.	Nagarjuna University	B.Sc.
15.	B.Com.	Nagarjuna University	B.Com.
16.	B.Com.	Madras University	B.Com.
17.	B.A.	Kakatiya University	B.A.
18.	S.S.L.C.	Board of Public Examinations, Kerala State	Matriculation

19.	B.Sc.	Kerala University	B.Sc.
20.	B.Sc.	Osmania University	B.Sc.
21.	B.Com.	Kakatiya University	B.Com.
22.	S.S.L.C.	Board of Secondary Education, Madras	Matriculation
23.	Higher Secondary Examination	Council for Higher Secondary Education, Orissa	P.U.C.
24.	D.C.P.	State Board of Technical Education & Training, AP, Hyderabad.	P.U.C.
25.	Senior School Certificate	Central Board of Secondary Education, New Delhi	P.U.C.
26.	D.C.C.P.	State Board of Technical Education & Training, AP, Hyderabad	P.U.C.
27.	General Secondary Education Certificate Exam.	Ministry of Education, Kuwait	P.U.C.
28.	B.A.	University of Delhi	B.A.
29.	B.A.	Pondicherry University	B.A.
30.	Higher Secondary Certificate	Board of Secondary Education, Bhopal	P.U.C.
31.	I.Sc.	Utkal University	P.U.C.
32.	Sahitya Ratna	H i n d i ; S a h i t y a Sammelan	Bhashapra-veena
33.	Siromani Examination	Sri Venkateswara University	Vidyapra-veena
34.	S.S.L.C.	Government of Tamil Nadu	Matriculation
35.	Two year Intermediate Examination	Berhampur University	P.U.C.
36.	Pre-Degree Examination	Calicut University	P.U.C.

CHAPTER XII

Research work done by the Members of the Teaching Staff of University and Affiliated Colleges

The details of the research work done by the members of the Teaching Staff of the University, Affiliated, Professional and Oriental Colleges are given in Appendix -'D'.

CHAPTER XIII

Andhra University Press & Publications, Waltair

The University Press & Publications attended to the printing work during the year 1991-92 as given below :

<i>Month & Year</i>	<i>No. of Orders</i>	<i>Value of Orders</i>	<i>Description</i>
July 1991 to September 1991		Rs.	Letter heads, Visiting Cards, Despatch Registers, File Jackets, M.A., M.Sc., B.E., B. Tech. Syllabus Books, pay slips, Salary Certificate forms, T.F. Registers, Annual Report, Salary Bills, Straw Boards, Budget Book, Tuition Fee Receipt Books, Challan
July 1991	74	8,80,000	Forms, Daily Collection Registers, Academic Senate meeting Agenda, B.Sc., B.Com., B.A., Metric., M.Sc., B.E./B.Tech. Time Tables,
August 1991	61	20,000	B.A., B.L., M.A., Provisional Certificates, B.L., B.A., M.Sc.,
September 1991	88	9,00,000	BBM Statement of Marks, B.A., B.Com., PUC Application forms, Transfer Certificates, CM Forms, Additional Answer Books, Charges Common Answer Books, Main Answer Books, Examination Register Binding SCC Entrance Letter heads and outside works, etc., including sale of books and syllabus.
Total :	223		M.O. Register Books, Voucher files, M.Sc., B.E. Syllabus, Quotation
October 1991			

to Dec.	1991		6,50,000
October	1991	87	20,000
November	1991	138	<u> </u>
December	1991	62	6,70,000
Total :		<u>287</u>	<u> </u>

January	1992 to		
March	1992		
January	1992	72	5,50,000
February	1992	91	40,000
March	1992	82	<u> </u>
Total :		<u>245</u>	<u>5,90,000</u>

April	1992 to		
June	1992		2,70,000
April	1992	97	2,70,000
May	1992	79	20,000
June	1992	65	<u> </u>
Total		<u>241</u>	<u>5,60,000</u>

forms, Attendance Registers, P.F. Accounts Books, AUCET Admission Application, etc., Voucher Bundles, P.F. Cash Books, Secondary School Certificate, SEF Forms, Graph Sheets, Matric, B.A., M.Com., Application forms, B.A., B.Sc., B.Com. Time tables, Main Forms, SCC Examination Stationery, and outside works, etc, including Sale of Books and Syllabus.

Attendance Registers, A.U. DIP CET, Law Cet, A.U. Calanders Daires 92, 62nd Convocation Address and Procedure, Stock Register, Acquittance Registers, B.E. Part time Syllabus, O.T. Books, Letter heads Visiting cards, Cash Books, M.Sc. Prospectus, A.U. Bus Pass, Figure Statement forms, M.A., M.Sc., B.A., B.Com., B.E./B.Tech. Statement of marks, Matric, PUC Time tables, B.A., B.Sc., B.Com., B.Ed., M.Ed. Examination Applications, SEF 7 forms, EMCET - 92 and Medicine Entrance Applications etc., and out side work including sale of Books and Syllabus. Tappals Books, Letter heads, Invitation cards, File folders, Accounts Books, White paper cutting, Arts Applications and prospectus, Main sheets, Ph.D., M.Phil. Applications, M.A. M.Com., M.Sc. Marks statements, B.A., B.Sc., B.Com. Time Tables Additional Books, 62nd convocation Ph.D. Degrees, Straw Boards, Common Answer Books and outside work including sale of books and syllabus.

CHAPTER XIV

Visits, Seminars and Lectures

Visits, Seminars and Lectures have been undertaken by the University departments during the year as Indicated below

COLLEGES OF ARTS AND COMMERCE

1. Dept. of Library and Information Science

i) Periodical Seminars : "IX-IALS National Seminar and Convention on Standards for LIS Education" was held in the department from 26-8-91 to 28-8-91.

ii) Special Lectures : Prof. F. W. Lancaster, University of Illinois ; USA delivered extension lectures on the topics of (1) Information Technology (2) The Subject Access Problems in IRS ; (3) Needs, Demands and Motivation in the use of information sources from 28-10-91 to 30-10-91.

2. Department of Sociology

Prof. C. P. Prasada Rao, has presented a paper on "Indian Culture" held at School of Economics, Andhra University, in July' 91.

Dr. Mrs. M. Indira Devi has presented a paper on "Dowry Deaths - Disturbing Trends with Defying Solutions" jointly with Mr. K. Venkati Naidu at a Seminar on "Dowry Problems and Deaths in Visakhapatnam" organised by the Centre for Women's Studies, Andhra University on March 7, 1992.

3. Department of Social Work

Dr. B. Devi Prasad has presented a paper on "Ending Dowry Deaths - Role of Voluntary Organisations Seminar on "Dowry Deaths in Visakhapatnam", by Centre for Women Studies, Andhra University on 7th March, 1992.

4. Department of Theatre Arts

Dr. R. Sarat Babu, Head and Lecturer attended the National Seminar on Research in Telugu Yesterday - Today Tomorrow and Presented a Paper during 25th - 26th January 92 at University of Madras.

5. Department of Anthropology

Three Seminars have been conducted and a special lecture has been given by Prof. P. E. Nute.

6. Dept. of Coop. & Applied Economics

Prof. R. M. Mohana Rao :

RESEARCH REPORTS/ARTICLES/ SEMINARS

1. Growth and Rural Transformation in the Republic of Korea and India (with Analysis of field surveys) 1991.

2. Health for All and the Extent of its realisation in South Asia, 1991.

3. Some issues for Research in Applied Cooperative Management, The Cooperator, May 1991.

4. "Rationalisation of Co-operatives." The Cooperator June 1990.

5. "Economics of Irrigation." The State of Farm Productivity and Employment under Tungabhadra Project" Indian J. of Agri Econo., Oct. - Dec. 1990.

6. "Commercialisation and Agriculture growth in Asia : A comparative study of South Korea and Coastal Andhra in Jan Broman/sudipto Mundle, Oxford University Press, New Delhi 1991. p. 256-80.

7. National consultation on identification of action Research in Co-operative Sector, Paper presented with Prof. G. Parthasarathy, organised by the Indian studies in Co-operation Pune and M.P. State Co-operative Bank Ltd., Bhopal, March 4 & 5, 1991.

8. Indian Balance of Payments, Paper Presented at the 72nd Annual conference of the Indian Economic Association, Kerala, Trivendram, 1990.

9. Participated in 8th Annual conference of A.P. Economic Association, CESS, Hyderabad, 1990.

10. Participated in U.G.C. National Seminar on Health for All, and All for Health by 2000 AD. Andhra University. Waltair, 1990.

Papers Published

Author	Title	Name of Journal
1. P. Leela	Oilseeds and the crisis and the Balance of Payments in India	Agricultural Situation in India, November, 1991
2. P. Leela (jointly)	Mass Communication and Newsprint in India : An Analysis of Import Demand Determinants	Asian Journal of Economic and Social Studies (accepted for publication)

- | | | | |
|----|-----------------------|---|---|
| 3. | P. Leela
(jointly) | Dependence of the Indian Economy on Newsprint Imports | Indian Economic Journal (Communicated) |
| 4. | P. Leela | Role of paper in the Industrialisation of A.P. | Paper presented at the X Annual conference of the A.P.E.A. A.U., Waltair, Feb. 8-9 : 1992. |
| 5. | P. Leela | Foodgrain Imports of India. | Paper presented to the Seminar, at the Department of Agricultural Economics, University of Guelph, Guelph, Ontario, CANADA 19th June, 1992. |
6. Guided Ph.D. Dissertation of Shri G. Pydiraju, awarded Ph.D. Degree on 24-7-1992.

DR. N.D. RAJ :

1. An Pilot study of the gap between the felt need and the benefits extended through IRDP, UGC, Sponcered, 1991.
2. An Evaluation of functioning of subsidised the Rice Programme of Govt. of Andhra Pradesh : A case study of Visakhapatnam District. School of Economics, A.U., Waltair, UGC. - SAP.
3. Rural industries in India, issues and options Kuruskhatra, Vol. 38 No. 7, April 1990, pp. 26-30.

COLLEGES OF SCIENCE AND TECHNOLOGY

1. Department of Mathematics

- 1) Prof. J. Gopala Krishna participated and chaired a session at the Annual Conference of the Ramanujan Math. Soc., Saurashtra University, Gujarat during the period 1-6-91 to 3-6-1991.
- 2) Prof. J. Gopala Krishna participated and delivered an invited talk and chaired a session at the Annual Conference of the Indian Soc. for Probability and Statistics, scheduled from 8-12 Dec., 1991 held at Cochin University of Science and Technology, Cochin.
- 3) Received University Best Teacher Award.
- 4) Prof. K.L.N. Swamy attended National Seminar on Mathematics, at Univ. of Calcutta, Calcutta during Dec. 18-20, 1991 and gave a talk on Sum ordered partial semirings.
- 5) Prof. K.L.N. Swamy attended Ramanujan Symposium 1991-92 on 'Some recent trends in Mathematics' at University of Madras, during Jan. 29-31, 1992 and gave a talk on 'Residuated so-monoides.'

6) Prof. J. Gopala Krishna attended International Symp. on Generalized Functions and their applications at Banaras Hindu University during 23-26, Dec. 1991 (Given a talk on General Dirichlet series with variable coefficients with particular reference to absolute and convergence).

7) Prof. S.V. Krishna attended National Seminar on Fuzzy Mathematics and its applications at Agartala, Tripura University during 28-30, Nov. 1991 and gave a talk on 'Fuzzy Differential equations and Dynamical systems'.

8) Sri Shaik Ismail attended Nat. Symposium on Fuzzy Mathematics and its applications at Tripura University at Agartala and presented a paper on 'Fuzzy Bornologies,' during 28-30 Nov. 1991.

9) Prof. J. Gopala Krishna attended a symposium at University of Madras 'Some recent trends in Mathematics' during 29-31 and gave a talk.

10) Sri K. Venkateswarlu, Research Scholar, attended a symposium at Univeristy of Madras on 'Some recent trends in Mathematics' during 29-31 and presented a paper.

2. Department of Physics

Prof. A. Bhanumathi :

I. Indo - U.S. Workshop on Perspectives in New Materials. 23-24 March 1992.

1. Relaxor Characteristics on Na doped SBN ceramics

2. Preparation and characterization of BiSrCa CuO superconductor.

3. Effect of Ag and K on piezoelectric properties of P.B.N. ceramics. ISAF 92 held at Greenville SC, U.S.A.

Diffuse phase transition and microstructure studies of modified P.L.Z.T. ceramics.

Domain orientation and mizoelectric properties of As doped PMN-PZT ceramics.

Relaxon studies of Na, Pe, Mg, doped SBN ceramics.

Hysteresis behaviour and piezoelectric properties of Nb doped PIZt ceramics.

IEEE

International symposium on Application of Ferroelectrics held at Greenville, SC, U.S.A. during Aug. 31-Sep. 2, 1992.

Prof. S Bangarraju

Magnetic contribution to the electrical resistivity in Fe-B based Glasses" international conference on condensed matter physics and applications Unin of Bahrain Bahran 13-16 April, 1992.

Prof. P.V.S. Rama Rao :

a) Research Papers presented :

1. Postsunset subsidiary maxima in TEC and NmF2 obs-

rvcd over Waltair: PVS Rama Rao, B.V. Ramana Rao, P. Sriram and M. Balaji.

2. Preliminary observations and features of peculiar type of nighttime sporadic-E layer (Es) observed at Waltair. PVS Rama Rao, P. Sriram and PT Jayachandran.

(above two papers were presented in National Space Science symposium' 1992 held at Ahmedabad during March'92)

3. Simultaneous study on spread-F and scintillation at Waltair during maximum solar epoch of 1990: PVS Rama Rao, BV Ramana Rao, P. Sriram and PT Jayachandran.

4. The effect of vertical drifts of ionisation on the occurrence of spread-F and scintillations at equatorial and low latitudes: PVS Rama Rao, P. Sriram and P.T. Jayachandran.

5. Multistation studies of VHF scintillations from equator to low latitudes: P.V.S. Rama Rao, D.S.V.V.D. Prasad, P. Sriram and P.T. Jayachandran.

6. Coordinated multistation scintillation observations in India during March - April 1991: A.I.C.P.I.T.S.-S.S. network group of 16 Institutes in India.

(all the above four papers were presented in the International Beacon Satellite symposium' 1992, held at Boston, U.S.A. during June 1992)

7. Characteristics of T.I.D.s observed in T.E.C. over Waltair: P.V.S Rama Rao and D.S.V.V.D. Prasad, Feb. 1992, Ijrsp.

Dr. Purna Nuthakki: Absolute time from Einstein's statements of different units of clocks in a case Purna Nuthakki: 13th International conference on general relativity and gravitation, cordoba, Argentina, 201, 1992.

Dr. K. Hanumantha Rao: Dielectric props of mixer ferritics communicated Effect of strantium oxide on grain a tensification in B.N.N. System.

3. Department of Zoology

Prof. P. Chandra Mohan: National Symposium on Comparative Animal physiology held at Trivandrum - Paper presented on "Biology of fouling organisms" Serpulids.

M.Phils. submitted: 1. Chaetognaths of Bay of Bengal - 1991 - C. Someswaridevi; 2. Zooplankton of Bay of Bengal (Cruise 200 of Gaveshaini) - 1991 - G. Durga Rani; 3. Fauna associated with the algae in the littoral zone of Visakhapatnam - 1991 - C. Srikanth; 4. Observations on the plankton of the surf zone in the near shore waters of Visakhapatnam - 1991 - M. Ramesh Kumar.

K. Lakshmi and K. Srinivasa Rao: Taxonomical and geographical implications in the frequent appearance of swarms of the nominal Arius Dussumieri, a natural marine catfish hybrid, (A. Tenuispinis and A. Rilineatus) and other possible

catfish hybrids, in the context of increasing pollution in the seas around India. In V.P. Agarwal and S.V.S. Rana (eds). Environment and biodegradation published by Society of Biosciences, Muzaffarnagar, India pp. 293-334.

V.G.M. Swarnakumari and R. Madhavi, 1992: Growth, development and allometry of *Philophthalmus Nocturnus* in the eyes of domestic chicks. *Journal of Helminthology* 66, 100-107.

U. Shameem and R. Madhavi, 1991: Observations on the life cycles of two haplosporid trematodes, *Carassotrema Bengalensis* Rekhari and Madhavi, 1985 and *Saccocoelioides Martini* Madhavi, 1979 *Systematic Parasitology* 20, 97-107.

R. Madhavi and U. Shameem, 1991: *Cercaria chilkaensis* No. II a new zoogonid cercaria from the snail *nassarius orissensis* from Chilka lake, India. *Journal of Helminthological Society of Washington*, 58, 31-34.

R. Madhavi and U. Shameem, 1992: *Cercaria* and *metacercaria* of *Stephanostomum Cloacum* (Trematode: *Acanthocolpidae*). *International Journal for Parasitology*. In Press.

Meenakshi Muruges, B. Krishna Sai Ram and R. Madhavi, 1992: *Nematobothrium didymozoid* trematodes from marina teleost fish of the coast of Visakhapatnam, Bay of Bengal. *Revised Parasitologia IX (LIII)* 79-86.

Meenakshi Muruges, R. Madhavi and V.G.M. Swarna Kumari, 1992: Life cycle of *Helocometra gibsoni* n.sp. (Digenea: *Opecoelidae*) *Systematic parasitology*. In Press.

R. Madhavi, Meenakshi Muruges and B. Krishna Sai Ram, 1992: Adult and larva of *Tetrochetus coryphaenae* Yamaguti, 1934 (Trematoda: *Accacoelidae*). *Acta Parasit. Polon.* In Press.

V.G.M. Swarna Kumari and R. Madhavi: Effects of crowding on growth and development of the eye fluke *philophthalmus nocturnus*, *Journal of Helminthology*. In Press.

R. Madhavi and C. Rukmini, 1992: Population biology of *metacercaria* of *posthodiplostomum grayii* in *Aplocheilue panchax*. *Acta Parasitologica Polonica*. In Press.

C. Kalavathi and J. Vaidehi: A view myxosporidian *Thelohanellus Chilkaensis* from the gills of the common carp *Lario Rohita* in Chilka lake, Orissa. *U.P. Journal of Zoology*, 11(1): 73-78.

C. Kalavathi and J. Vaidehi: Two new species of myxosporidians from fishes of Chilka lake, genus *Spheromyxa* *Thelohan* and genu *Zschokkella* *Averbach*. *U.P. Journal of Zoology*, 11: 146-150.

C. Kalavathi, J. Vaidehi and J. Venkateswararao: Myxosporidian parasites of fishes of Chilka lake, east coast of India. Three new species of *Amoebia* *Thelohan*, *Rudicapsula* *Kala-*

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K. Padma Dorothy and C. Kalavathi : Two new species of Myxosporidian parasites of mullet, *Liza Macrolepis*. U. P. Journal of Zoology. In Press.

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C. Kalavathi and I Anuradha : Species association patterns among myxosporidian parasitic to mullat, *Muzil cephalus*, found in the backwater in Visakhapatnam, East coast of India, Proc. of Natural Symp. on Zool. Res. in relation to environment (In Press).

Dr. A. V. Raman : Phytoplankton characteristics in species assemblage patterns in north-west Bay of Bengal, Indian Journal of Marine Sciences, 21 ; 158-160.

D. E. Babu and Ch. Manjulatha, 1991 : Functional organization of mouth parts in filter feeding in *Clabanarius longitarsus*. Marine Biology, 109 : 121-128.

D. E. Babu and Manjulatha, Ch. : Fishery and culture of edible crabs *Fishing chins*, 11 : 10-12.

Dr. Y. Prabhakara Rao : 1. Modulation of calmodulin properties by amiodarone and its major metabolite Desethylamiodarone, Pharmacology & Toxicology, 68 : 26-33, 1991, 2. Inhibition of Ca^{2+} transport associated with AMP-dependent protein phosphorylation in rat cardiac sarcoplasmic reticulum by triorganotins. P. R. S. Kodavanti, J. A. Cammeron, Y. Prabhakara Rao, PJS Vig and D. Desaiiah, Arch. Toxicol. 65 : 311-317, 1991. 3. Amiodorone and desethylamiodarone increase intrasynaptosomal free calcium through receptor mediated channel. P. R. S. Kodavanti, SN Pentylala, Prabhakara Rao, Y. and D. Desaiiah. Arch. pharmacology. 345 : 213-221, 1992. In Vivo effects of triorganotins on calmodulin activity in rat brain. Prabhakara Rao, Y., PJS Vig, PRS Kodavanti and De. Desaiiah. J. Toxicol. and Environ. Hlth., (In Press), 1992.

Papers Presented in Symposia

Prof. R. Madhavi, 1992 :

National seminar on Zoology and human welfare held at Faizabad on 28-6-1992 -30 -6-92, papers presented : 1. The life cycle of *Orthotretrema monostomum* Macy and Rasch 1972 - A Progenetic trematode. 2. Community diversity of helminth parasites of the little tunny, *Euthynnus affinis* (Cantor). 3. Report of a new species of the genus *Uraxine* from a tuna of the Visakhapatnam coast, Bay of Bengal.

Dr. C. Kalavathi :

National symposium of Zoological research in relation to man and environment held at Calcutta, March 1-4, 1992.

Dr. A. V. Raman :

Attended XX IAPSO General Assembly 11-24 August, 1991, Vienna, Austria.

Dr. D. E. Babu :

XIII All India Symposium of Comparative Animal physiology held at Dept. of Zoology, University of Kerala, Trivandrum, Nov. 18-20, 1991. International Symposium of food resources. Proc. and technology held at Artemia research and training centre, Morton, Nagarcoil.

Dr. G. G. Mani :

National Seminar on Zoology and Human Welfare, held at Ayodhya from 28-6-92 to 30-6-92

Papers Presented : 1. Hook worm infection on primary school children of Jalaripet, Visakhapatnam. 2. Some ecological aspects of helminth infection in the silvareel, *Muraenesox cineres*.

Ph. D.'s awarded : 1. Devakinanda, Ch. Primary productivity and related hydrographic parameters in Visakhapatnam harbour. 2. Somasundara Rao, P. Seasonality, larvae, amphipods and esterase enzymes. 3. Jogi Naidu, N. Systematics and ecology of freshwater Cladocera of North-East Andhra Pradesh ; 4. Maheswarudu, G. Studies on biochemical composition of haemolymph and muscle of penaeid prawns, *Metapenaeus monoceros* (Fabricius) *Penaeus monodon* Fabricius and *P. Viridicus*. 5. Vinaya Kumari, V. H. Histological and histochemical studies on the marine fowler *Mytilopsis sallei* (Recluz) (Pelecypoda : Dreissinidae) with reference to functional morphology and toxicology; 6. Somasekhar, K. Studies on some aspects of hydrography and zooplankton of Visakhapatnam coast, Bay of Bengal, India, 7. K. Praveen Kumar. Studies on some aspects of heavy metal toxicity and respiration in two tropical intertidal gastropods *Nerita chamaeleon* Linnaeus and *Nertia albicilla* Linnaeus.

4. Department of Geology

Details of the Papers Presented at Seminars, Workshops, etc.

Name of the Teacher/ Scholar (1)	Seminar/Workshop, etc. Title, place, duration (2)	Paper presented (3)
1. Dr. V.V. Nageswara Rao	International Conference on 'Mineral Development and Environment' held at Indian School of Mines, Dhanbad, Nov. 28-30, 1991	'Environmental impact of open cast mining: Some case studies from Andhra Pradesh
2. Dr. C.V. Raman	-Nil-	-Nil-
3. C. Kasipathi	1. International conference on 'Mineral Development and environment" held at Indian School of Mines, Dhanbad, Nov. 28-30, 1991 2. Regional workshop on mineral deposit modelling held at Indian School of Mines, Dhanbad, 2-4 December, 1991 3. "National seminar on Recent Trends in prospecting of Earth Resources" held at Anna Uni- versity, Madras, during 18-20 March, 1992 4. "National Workshop on Applied Mineralogy" held at Regional Research Laboratory, Bhubanes- war during 30-31, January, 1992	"Environmental impact in parts of North Coastal Andhra Pradesh: A case study on geological units and quaring". Participated as a delegate A new dimension of prospecting in ultra basic maraifs - A Case study from Tekuru, Andhra Pradesh 1. Chrome-ore characteristics of Andhra Pradesh

(1)	(2)	(3)
		2. Ore mineralogical studies of sulphids and associated gold from parts of Almore District, Uttar Pradesh
	5. Regional workshop on Geoscientific writing and Editing held at Andhra University, Waltair during 29th April, to 2nd May, 92	Participated
4. Dr. K. Krishna Rao Research Associate	Workshop on Geo-Scientific writing, held at Andhra University, 29th - 2nd may, 1992	Participated
5. Dr. J. Seetharamaiah	1. Second group monitoring workshop on SERC funded projects in earth sciences held at Mangalore University, Mangalagangothri during 24-25th December, 1991	Participated
	2. Workshop on Geo-Scientific writing held at Andhra University, Waltair during 29th April, to 2nd May, 1992	
6. Dr. K. Viswanath	Workshop on Geo-Scientific writing held at Andhra University 29th April, - 2nd May, 1992	Participated
7. Dr. P. Bhanumurthy	Refresher course in Remote sensing applications in Mineral exprobatng from 13-12-91 to 9-1-92 conducted	Participated

(1)	(2)	(3)
8. Dr. N. Subba Rao	by Bharathi Dasan University, Tiruchinapalli Workshop on 'Geo-Scientific Writing' held at Andhra University during 29th April, - 2nd May, 1992	Participated
9. Dr. A.T. Rao	3rd Indo-Soviet Symposium on Experimental Mineralogy and Petrology, New Delhi, October 3-6, 1991	Two pyrothene thermometry in the Eastern Ghats granalite terrain, India
10. Prof. T.V.S.R.K. Sagar	<ol style="list-style-type: none"> 1. National Seminar on "Recent Trends in Prospecting of Earth Resources" held during 18-20, 1992 by the Department of Geology, College of Engineering, Anna University, Madras 2. At National workshop on applied Mineralogy organised by RRL, Bhubaneswar during January 30-31, 1992 3. National Workshop on Kolleru Environment Information System organised by JNTU, Hyderabad during October 4-5, 1991 4. Presented at the 3rd International Seminar on "Small and medium nuclear reactors planning for world energy demand and supply" orga- 	<p>The Role of non-distruction nuclear techniques in mineral exploration</p> <p>"Activation Technique for assaying of Ores</p> <p>Delineation of geomorphic land forms through remote sensing studies surrounding Kolleru lake area</p> <p>Investigation for monargite resources in the Coastal Tract, of A.P. India</p>

(1)

(2)

(3)

nised by N.P.C., Bantory in collaboration with I.A.E.A., Vienne, Austria at New Delhi during August 26-28, 1991

5. International Union for Quaternary Research XIII'' International congress, Beijing, China during August 2-9, 1991

1. Depositional environment of Black sand concentrates from parts of Andhra Pradesh, East Coast of India
2. Radionetric investigation for monargite along parts of Andhra Pradesh, East Coast of India
3. Statistical modelling of ground-water quality monitoring in parts of Godavari Delta, A.P. India

COLLEGE OF ENGINEERING

Department of Pharmaceutical Sciences

1. K. Ramesh, S. Styanarayana and Prof. D. Visweswaram: Determination of opioid activity in plasma of dogs - Presented at 24th Annual conference of I. P. C., Ahmedabad, December 1991.
2. Y.S.R. Krishnaiah, S. Satyanarayana and D. Visweswaram; Ketoconazole and tolbutamide drug interactions in normal and diabetic Mats - 24th I.P.C., Ahmedabad, December, 1991.
3. S. Satyanarayana, Y.S.R. Krishnaiah, D. Visweswaram: Effect of Manitidine on the hepatic cosmic activity of tolbutamide and glibendamide in Rabbits - 24th I.P.C. Ahmedabad, December, 1991.
4. G. Prabhakar: The incidence of Aflatoxin producing Aspergith SP. at working environment of Visakhapatnam - IX Indian convention of Food Scientists and Technologists held at C.F.T.R.I., Mysore, June, 1991.
5. D. Venkata Rao, T. Sudhakara Rao & Ch. B. Rao: Steroidal glycosides from a soft coral of selero phytum SP. of Andaman and Nicobar Coasts - 43rd I.P.C., Goa, December, 1991.
6. K. Samba Murthy and D. Someswara Rao; Microbial conversion of hydrowrtisone to prednisolone using a novel semi continuous process - 43rd I. P. C., Goa, 1991.
7. P. Ellaiah and B.V.R. Murty: Production of Neomycin by immobilized cells of streptomyces Marinensis - 43rd I.P.C., Goa, December, 1991.
8. K.P.R. Chowdary and R.A.S. Naidu: Evaluation of cellulose acetate films for biansdumal use - 43rd I-P.C., Goa - December, 1991.
9. K.P.R. Chowdary and K.V.V. Suresh Babu; Freeze - drying as a method of preparation of solid dispensions - 43rd I.P.C., December, 1991.
10. K.P.R. Chowdary and P. Venkateswara Rao: Studies on modified studies as carriers for solid dispensions - 43rd I.P.C. - December, 1991.
11. B.S. Sastry, J.V. Rao and C.S.P. Sastry: Spectiophotometric determinations of ciclopirox olamine - 43rd I.P.C., Goa, 1991.

Department of Eelectrical Engineering

Name of the Author/Authors	Title	Name of the Journal / Conference
1. Prof. G. Govinda Rao et al	Influence of transformer - tap on voltage	AMSE periodical as modeling simulation and control, Vol. 147, No. 3, 1992.

- levels and losses in a tri-line : A non-iterative scheme. P. 1-8 Also presented the same at International Conference on Signals Data and Systems of AMSE at New Delhi, 9-11, Dec. 1991.
2. Prof. V. Rama Murthi Excitation Control by Stator-current compounding for stabilization of synchronous motor Presented at the International Conference on the Evolution and modern aspects of synchronous machines (SM 100), Zurich, Switzerland, 27-29. August, 1991.
3. Dr. K. Parvatham and Dr. K. A. Gopala Rao Design and simulation of Power System Stabilizer using standard forms Int. Conference on Signals, Data and Systems of AMSE at New Delhi, 9-11 Dec., 1991.
4. Dr. K. S. Linga Murthy and Dr. B. Satyanarayana Interactive Programming Systems for optimum location of a substation. XXIV Annual Convention of Operational Research Society of India held during 26-28 Dec., 1991 at Bangalore.

COLLEGE OF LAW

Smt. S. Sumitra, Lecturer (Seminars & Conferences attended)

i) Attended the International Law Seminar at the 43rd Session of the International Law Commission held at Geneva, Switzerland during 3rd-21st June, 1991.

ii) Attended and presented a paper at the Seminar on 'Dowry Deaths & Problems in Visakhapatnam' organised by Women's Study Circle, Andhra University at Visakhapatnam on 7th March, 1992.

Papers Communicated

Prof. R. Jaganmohan Rao :

i) Review article 'Self Determination and Role of International Court of Justice, Academy Law Review ; ii) Review Article 'Consumer and the Law', Academy Law Review ; iii) Presented a paper on 'Dr. Ambedkar's Contribution to Constitutional Philosophy' before the National Seminar on Dr. Ambedkar organised by the Social Science Research Institute, Golden Threshold, University of Hyderabad.

Shri V. Kesava Rao, Reader :

"Subsistence Allowance", Labour Law Journal

Smt. S. Sumitra, Lecturer :

i) 'Many Languages and One Union. Linguism in the con-

text of Centre-State Relations', Aligarh Law Journal, Spl. Volume, 1992 (Aligarh Muslim University ; ii) "Liability for Industrial Hazards" Year Book of Legal Studies, Dept. of Legal Studies, Tamil Nadu.

INSTITUTE FOR YOGA & CONSCIOUSNESS

1. Pineal gland activity and extra sensory perception : A preliminary study.

M. Satyanarayana, P.V. Krishna Rao and S. Vijayalakshmi (Paper presented at XXXVII Annual National Conference of the Association of Physiologists & Pharmacologists of India, Bangalore, 1991).

2. The apparatus for measuring the functioning of the Meridians and their corresponding internal organs (AMI) : A reliability study P. V. Krishna Rao and Tamaki Motoyama (Paper presented at the 29th IAAP Conference, Tirupathi, 1992).

3. Self-Ideal disparity and yoga training-N. Jhansi Rani and P. V. Krishna Rao : (Paper presented at the 29th IAAP Conference, Tirupathi, 1992).

CHAPTER XV

Computer Centre

The idea of getting a computer to the University was nurtured by Prof. B. Ramachandra Rao, (M. P. H.) the then Head of the Department of Physics and Sri L. Bullayya, the then Vice-Chancellor, Andhra University. After arduous work, the I. B. M. 1130 Computer was installed in the year 1971 with the help of University grants Commission. The cost of computer with the unit record equipment is around Rs. 33 lakhs. The Centre was inaugurated on 8th January, 1972 by the Honourable Minister Sri C. Subrahmanyam.

Configuration :

The I.B. M, 1130 Computing System is a solid-state electronic computing System composed of a Central Processing Unit and input/output devices.

I. B. M. 1130 Central Processing Unit contains the control logic circuits, the console panel, the console key-board, the console printer, core storage and all circuits and mechanisms for single disk storage drive. The cycle time is 3.0 Microseconds and the memory capacity is 16384 sixteen bit work.

Single disk storage drive and its adapter are basic to I. 9M 1130 Computing system. The 23.15 disk cartridge in the storage medium. Providing on line capacity of 512,000 sixteen bit data words, inter changeability of cartridges, in effect, provided unlimited storage capacity.

Input/Output devices are I. B. M. 2510 Card Reader and I. B. M. 1403 line printer. They are supported by I. B. M. 1442 Card Punch, console key-board and console typewriter. The speed of card reader is 1,000 cards per minute and the Printer Prints 600 lines per minute. Card punch punches at the rate of 160 columns per second and the typewriter prints 15 characters per second.

I. B. M. 1130 Multiplexer Enclosure with storage access channel can provide additional storage facilities by adding four more Disk drives.

Unit Record Equipment :

1. Three I. B. M. 029 Punch Machines with Printing
2. Three I. B. M. 056 Verify Machines
3. Two I. B. M. 82 Sorter with Card Counter
4. One I. B. M. 402 Accounting Machine
5. One I. B. M. 514 Reproducing punch
6. One I. B. M. Hand Punch Machine

7. One 024 Punch Machine
8. One 054 Verifier
9. Collater

Programming Courses are conducted by the Computer Centre for researchers in the campus and user who wish to use computer including students. Many Science and Engineering departments including commerce and Business Administration have computer methods in their curriculum, Computer Centre has conducted 19 programming courses thereby training approximately 500 candidates comprising students, scholars and teachers apart from the students who are already trained by their respective departments through their curriculum.

Computer usage has increased enormously as the computer centre is successful in bringing a lot of computer awareness such research community in the campus. The usage of computer time is made free of charge for the academic work. Non-researchers are user, computer for their doctoral work, research publications research projects and technical publications. Computer is used for student, Projects and their training also especially belonging to the discipline of electrical, Mechanical Chemical and other Engineering department, statistics Mathematics on the university campus and also students of special course conducted by other bodies like computer society of India, Andhra Pradesh productive council etc.

For the user convenience computer centre started working for three shifts a day more than twenty hours.

Computer is being used for administrative works like admissions, examinations and accounts including payroll processing.

Organizations like Hindustan shipyard Ltd., Bharat Heavy plate & Vessels Ltd., are also using our computer facility. Systems : ICIM 6040 and OMC 58000 :

With the induction of the 4th generation Computing systems ICIM 6040 and OMC 58000 into the Computer Centre, Andhra University will be in a better position to better its facilities in the advancement of research, administration, examinations, etc., with the addition of one IBM compatible personal computer, it is hoped the conglomeration would sort out many of the problems the researchers hitherto were facing such factors like inadequate memory, slow speed, less number of capabilities and compilers, obsolete operating system, soon and so forth.

If the future plans to network all the existing medium and small computers available in the campus succeed, this system total computing power would increase by leaps and bounds. IBM : 6040 Computing System Configuration :

1. ICIM 6040 System module has the following facilities
 - (a) Order Code Processor (OCP) : The OCP has the

cycle speed of 31 nano seconds per beat and is driven by a set of fast microprogrammed processors, capable of performing many hundreds of thousands of instructions every second.

- (b) 128 KB of High speed Control Stores :
- (c) Asynchronous Multi Line Communications Controller (AMLCC) which supports a number of terminals.
- (d) Unified affixed and Exchangeable Disk Store (UFEDS) which has handle upto 16 disk drives, if each one operates in a separate channel.
 - (i) Disk Interface Module.
 - (ii) Diagnostic Processor
- 2. IBM Floppy Drive
- 3. IBM Main store, which can be enhanced upto 2 MB
- 4. Disk storage Module, which will hold one exchangeable disk pack of 80 MB and one fixed disk of 160 MB
- 5. One Magnet 9-track Tape Drive with controller
- 6. Six work stations (Terminals), each work station giving a wide range of facilities like direct Data Entry, Multi Access Computing, Transaction Processing, Remote Session Access to dispersed networks. Overall System Control, etc.
- 7. Line printers with computers each having the speed of 720 lines per minute (48 character set)
- 8. Synchronous Multi-line Communication Coupler (SMLCC) with D synch lines, which can facilitate to have a network with 8 other computing systems.
- 9. Direct connection of OMEGA 58000 to SMLOC to have a multiprocessing facilities among ICIM 6040 and OMEGA 58000

OMEGA 58000 Computing System Configuration :

- 1. OMEGA 58000 central processing unit consists of :
 - a. Floating point Hardware
 - b. IMB Random Access Memory with the cycle time of 170 nano seconds, which has the concepts of virtual addressing (32 bits), facilitating the user to write and execute programmer that can be expanded upto 2 MD
 - c. 16 K user wirtable control store which makes it possible for users to write their own instructions sets and speed up application programmes.
- 2. One Floppy Disk storage with a capacity of IBM
- 3. One winchester Disk Drive with capacity of OMB
- 4. One 300MB Disk Storage Module with controller
- 5. One unit of 760 by 1024 pixles High Resolution Graphic Display terminal with Alphanumeric key-board in $8\frac{1}{2}'' \times 11''$ tablet size with 3 button puck and OMNET, MULTIBUS and GPIB (ILLE 488). Interfaces.

6. X-Y plotter : 640×480 pixels Medium Resolution colour graphic terminal of size A3 with a plotting speed of 3B cm/sec step size of 0.026mm and Resolution of 1000 dots/inch.

7. 4 Alphanumeric Terminals with controller
8. One disk storage Module Device, which can hold
9. One letter quality printer with 40 characters per second, which can interchange the character sets for APL, German, French, Scandinavian, Norse and English and which can print 10 or 12 or 15 characters per inch.

Personal Computer – IBM Compatible :

- a) Central Processing units with 256 KB Memory
- b) 2 Floppy Drives – 5.1/4"
- c) 1 Monochrome Graphic Terminal with key-board
- d) 1 dot Matrix printer

The PC will work as a computer and as a terminal to the main system.

ICIM 6040 Computing System : Software :

1. Operating System TME 30 (Transaction Machine Environment) TME is a new and versatile operating system providing facilities often associated with larger systems, which complements the powerful ICIM 6040 hardware. TME is a modular operating system which incorporates a new concept. Leaf-Addressing Mode, which incorporates the advantages of virtual storage. TME incorporates facilities to optimise available success, maximise work throughout and generally controls the systems. User features including input output spooling, a high-level job schedule, variable polling rate logging of all activities and accounting information. This supports the following languages :

- (a) Inter active Fortran 77 (b) Range Cobal (c) Basic (d) Pascal (e) Rpg (f) Algol (g) Plan Assembler.

2. Communications software including IPA (Information processing Architecture). The IPA is a blue print and design strategy for its networked product Line and gives the overall direction and standards for the range. It also provides a set of powerful tools and interconnection facilities which enable user to create cooperating networks of different systems.

3. SN-PC SYSTEM

- 8088 CPU, 10 MHZ
- 640 KB RAM
- 2 X 360 KB FDD
- MCGP with S/W Mono Monitor
- 87 keys keyboard
- One Sl. & One pl. port
- Mini Tower Cabinet

AND

- SN - PC/XT SYSTEM WITH

- 8088 CPU
- 640 KB RAM
- 1 × 360 KB RAM
- 1 × 20 MB WDD
- MCGP 12" S/W Mono, Monitor
- One Sl. & One Pl. port
- Mini Tower Cabinet.

4. Dat - Management Software including
- (a) IDMS (Inter Data Management System)
 - (b) Query Master (c) Opg (d) Status

5. Production Control :

- (a) Omac 2y : This is an on-line I.D.M.S. based production control package which provides a comprehensive module system for production control in a small to medium sized production unit (using upto 50,000 parts) with separate software modules, sharing common data base, address standard production control tasks, such as requirements planning to infinit capacity including what if facility, etc.

6. Pert Package : This is the programme for manage is concerned with running coordination and control of projects using net-working analysis. This package employs advanced critical path analysis techniques which form the basis for resource allocation and cost control. Both time and resource analysis are available.

6. Linear programming Package.

7. Package X for Statistical Analysis : This is a decision support system, designed for easy use by the layer user with facilities for both analysis and management of data operation, usable either in conversational mode or through simple English commands.

8. Library of 1900 software

- a) Control and Simulation
- b) Pascal
- c) Cobol 6
- d) Electrical and power systems
- e) Civil Engineering Systems

Omega 68,000 Computing System Softwares :

1. Operating system CMNX : This system is a special implementation of UNIX system IIL. It combines the flexibility of the UNIX operating system with the power, superb graphics and natural user interfaces of the OMEGA commuting system. OMEGA has been specially microcoded to support OMNA and to provide powerful handling of 'c' language, in

which most of the UNIX kernel and all of the UNIX utilities are written. This supports

- a) Language C (b) Fortran - 77 (c) Basic (d) Pascal (e) Cobol
- 2. Application software :
 - a) Scientific Subroutines Package (SSP), (b) Drawing/Package/IBM Compatible Personal Computer
 - b) Ms - DOS (Disk Operating System)
 - c) BASIC and C Language Compilers

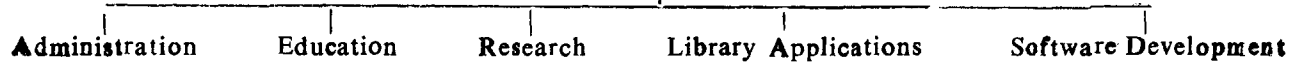
Personal of the University Computer Centre :

- | | |
|----------------------------|-------|
| 1. Head of Computer Centre | One |
| 2. System Engineer | One |
| 3. Programmers | Two |
| 4. Computer Operators | Three |
| 5. Key Punch Operators | Two |
| 6. Senior Assistant | One |
| 7. Junior Assistant | One |

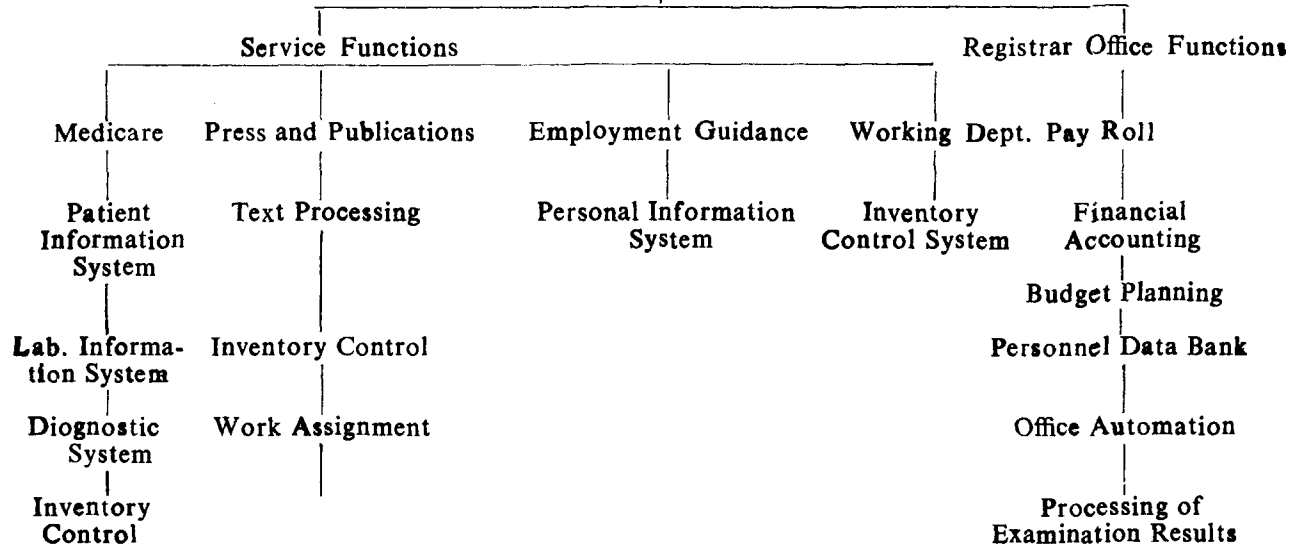
Additional Staff :

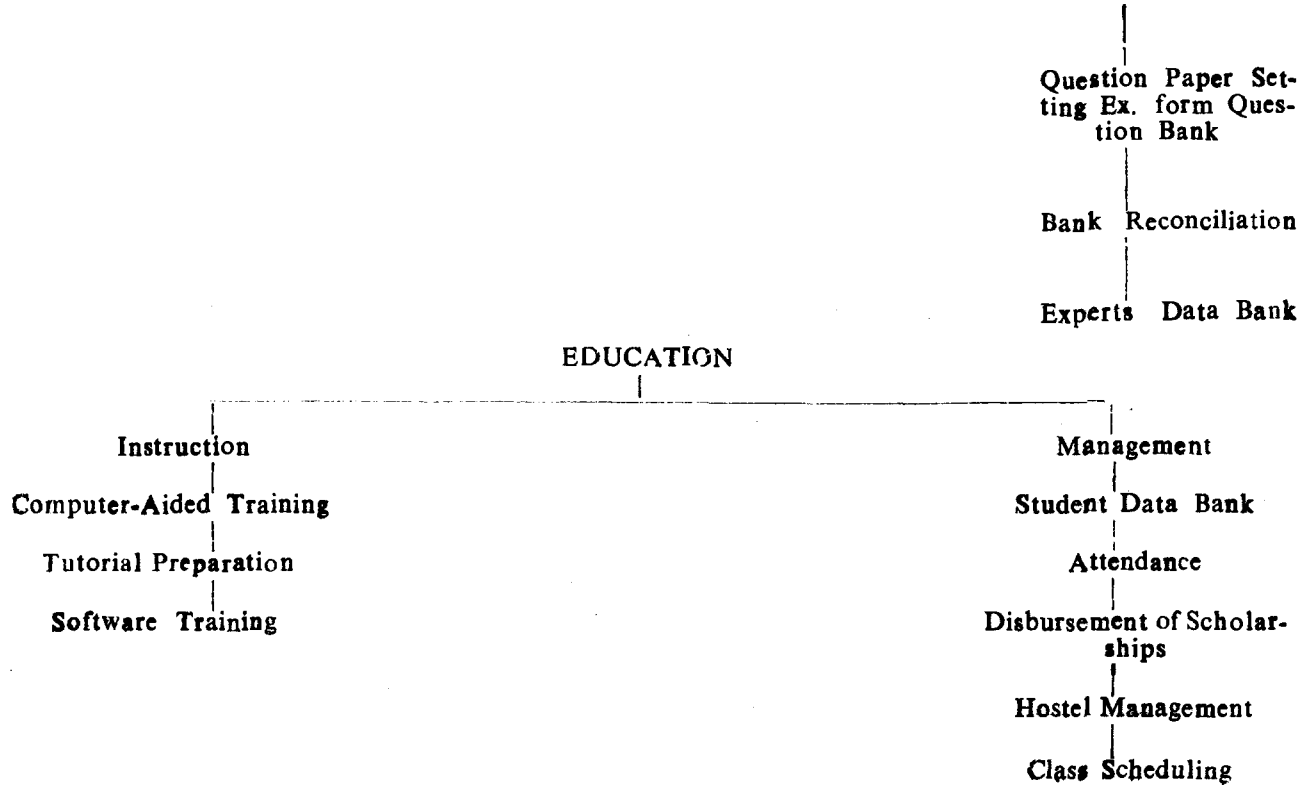
- | | |
|------------------------------------|-----|
| 1. Programmer | One |
| 2. Console Operator | One |
| 3. Punch Operator | Six |
| 4. Junior Asst. Cum-Punch Operator | One |
| 5. Attender | One |

COMPUTER APPLICATION AREAS

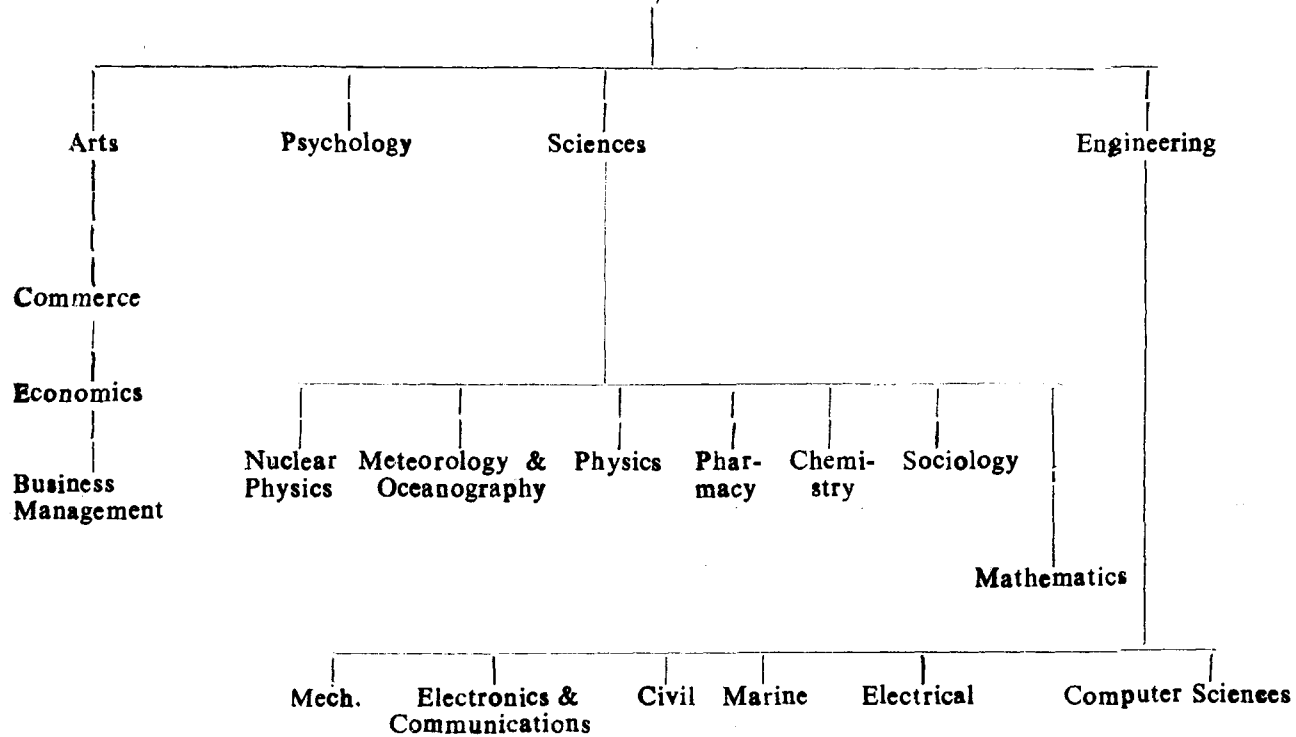


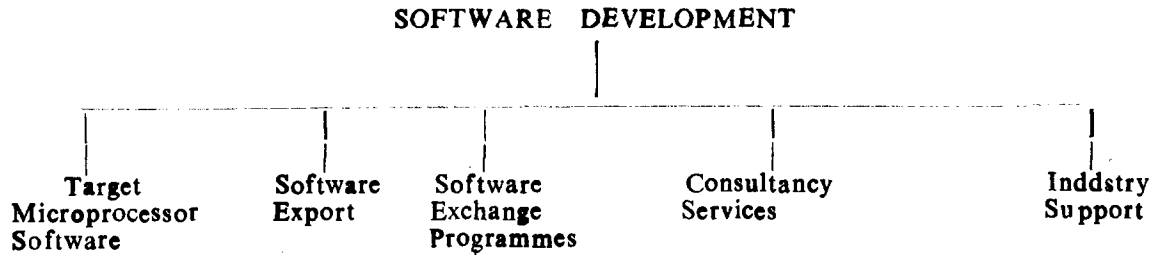
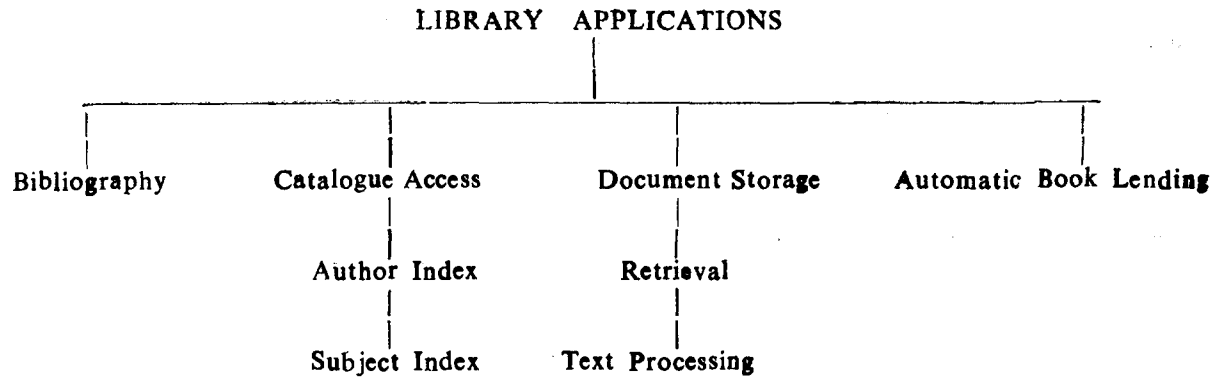
ADMINISTRATION





RESEARCH/CAD-CAM





CHAPTER XVI

Employment Information and Guidance Bureau

As a joint venture of the Government of Andhra Pradesh of the department of Employment and Training and Andhra University, the University Employment Information and Guidance Bureau, started functioning since 1961.

Aims and objectives of the Bureau are as follows :

- a) to give employment information and advice to the University alumni.
- b) to give information on various courses of studies, etc., on higher studies in India and abroad.
- c) to assist applicants in securing admissions to various courses of studies offered by Universities and abroad.
- d) to collect and disseminate occupational information regarding occupations, scholarships, fellowships and financial assistance available in India and abroad.
- e) to assist in individual problems pertaining to education and vocation.
- f) to assist students in securing part time employment.
- g) to render vocational guidance to students individually and in groups.
- h) to prepare guidance literature to help students in their educations and vocational planning.
- i) to maintain career information and library.
- j) to give information on competitive examinations conducted by various public service commissions.
- k) to register professional graduates and all persons hold masters degree with at least 50% of marks for employment assistance.
- l) to acquaint the unemployed youth with the facilities available with various departments under Self Employment Schemes.
- m) to arrange coaching classes for various competitive examinations.

Administrative structure :

The organisation structure consists of the Chief, Deputy Chief, Technical Assistant, Technical (Library), Junior Assistant, and Stenographer, While the Deputy Chief, Junior Assistant, Stenographer are Government staff, the Technical Assistants were drawn from the University. The Chief is nominated by the Vice-Chancellor. Dr. P. Mohanrao, department of Educa-

and Sri. R. Gopalakrishnamurthy are continued to be the chief and Deputy Chief.

Jurisdiction :

The jurisdiction of the Bureau extends from Srikalulam to Prakasam districts, i.e., Eight districts for its operation. Candidates who are residents of the above districts normally register their names in this Bureau for employment assistance.

Registrations :

The Bureau registers the particulars of all the post graduates, professional graduates and technical graduates for employment assistance and forward them to the Professional and Executive office, Secunderabad. This state level office sponsors candidates against vacancies notified by the State and Central Government departments, undertakings, some semi-autonomous bodies, cooperative establishments, etc. However, the Bureau is vested with the power to sponsor candidates for vacancies notified by the private employees and for part time vacancies notified by the undertakings of the Centre and state Governments.

During the period under report, i.e., 1-7-1991 to 30-6-1992, the number of candidates registered with the Bureau, is as follows :

Category	SC	ST	BC	Total
Civil Engineering.	45	3	92	528
Mechanical Engineering.	21	2	56	392
Electrical Engineering	6	-	18	62
Other engineering	18	1	47	165
Medical Graduates.	6	1	12	122
Agricultural graduates.	6	1	16	140
Veterinary graduates.	-	-	1	12
Postgraduates in Arts, and Science	228	12	619	1658
M.B.A.	3	1	12	41
Computer science	2	-	6	58
Chartered Accountant	-	-	1	4
Other professional and Executive standard applicants	41	-	57	226
Total :	376	21	937	3427

placements :

The following is the number of candidates who were shown

placement through Professional and Executive office, Secunderabad, and through the Bureau.

Category	Total
Engineering graduates	26
Arts	4
Science	12
Agricultural graduates	9
Others	23
Total :	74

Live Registrar :

The break up of the candidates on the live register and those belonging to reserved categories as on 30-6-1992 is given below :

Category	SC	ST	BC	Total
Civil engineering	183	8	523	2524
Mechanical Engineering	170	10	385	1999
Electrical Engineering	47	4	117	481
Other Engineering Graduates	116	6	286	962
Medical Graduates	116	5	255	810
Agricultural Graduates	44	5	109	698
Veterinary Graduates	3	1	11	50
Postgraduates in Arts, Science and Commerce	640	23	2206	6717
M.B.A.	26	4	41	217
PG Diploma in Computers	6	-	32	204
Chartered Accountants/ Cost Accountants	4	-	4	23
Other P & E standard Applicants	112	4	333	1405
Total	1466	70	4306	16,090

Guidance Activities :

(a) Guidance at the time of registration : 2211 candidates were given guidance at the time of registration on job opportunities, self employment schemes, scholarships and fellowships available in India and abroad as against 2351 candidates in the previous year.

(b) Group guidance talks : 278 group guidance talks were given to 4522 candidates during the period under report

as against 232 talks and 2872 candidates during the previous year.

(c) Career talks : During the period under report the Deputy Chief has delivered 26 Career talks in affiliated college and University Hostels for the benefit of the final years graduates and postgraduate students.

(d) Individual information : A total number of 4533 candidates were given individual information with regard to higher education facilities in India and abroad, fellowships and scholarships.

(e) Review of old cases : During the period under report 81 candidates who were in the live register more than 3 years were reviewed and they were given guidance individually basing on their qualifications financial status, etc.

Visitors :

During the period under report a total number of 5604 candidates were visited and availed the services of the Bureau as against a number of 5212 candidates in the previous year.

Career Information Room :

The Bureau is having a Career Information room cum Library which provides information relating to various courses of study, hand books relating to different Indian and foreign Universities, various advertisements relating to job opportunities, scholarships are collected and displayed in this Career information room for the benefit of the job seekers, students, staff and others. A considerable number of hand books relating to foreign Universities are available in this library. The following newspapers/monthly journals are available in the library for the use of visitors :

- | | |
|---|------------|
| a) Indian Express, Hindu, Eenadu | Dailees |
| b) Employment news | Weekly |
| c) Competition master, and
Competition refresher | Monthlies. |

A good number of books relating to various competitive examinations were acquired. Apart from competitive examination books, books for the preparation of examination for like GATE, GRE, TOEFL, etc. are also available in the Library.

Coaching Classes :

Providing coaching to different competitive examination was started with the financial assistance of SETIS, Visakhapatnam in the year 1982 were continued upto 1989. Subsequently keeping in view of the functioning of study circle, A.P. study circle, the SETVIS has not sanctioned funds through the Bureau

has approached the SETVIS several times. Hence the programme of coaching classes could not be taken up.

Field work Programme :

During the period under report, a batch of 22 students of Industrial Relations and personnel management, Andhra University have attended the Bureau from 27-12-91 to 28-12-91. The following topics were discussed and explained to them.

- a) Objectives of the organisation.
- b) Functioning of the Bureau, its powers, jurisdiction, and administration setup.
- c) Procedure after administration, renewals, attending notification received from various organisations.
- d) The students were taken round the various sections of the Bureau and explained the practical functioning of the Bureau.

Visits to Establishments :

A total number of 20 establishments were visited during the period under report in order to collect occupational information and training facilities available in the establishments.

Publications :

A folder entitled "University Employment Information and Guidance Bureau, Andhra University. At your Service" has been published and distributed to all the sister bureaux and affiliated colleges.

Career Information Bulletin :

The Bureau publish a monthly Career Information Bulletin which consists of the following items :

- a) About the departments of Andhra University.
- b) General knowledge.
- c) Admissions.
- d) Fellowships/Scholarships.
- e) Appointments.

The copies of the bulletin are being sent to all the departments in the University campus, all the affiliate colleges, under the purview Bureau, University hostels, University Library, sister bureaux and some Government departments.

CHAPTER XVII

Deputation of Teachers to Congress and Conferences

I. COLLEGE OF SCIENCE & TECHNOLOGY

Department of Applied Mathematics

Dr. V.V. Ramana Rao, Reader : Attended the 36th ISTAM Congress held at Bombay, During Dec. 19-22, 1991.

Department of Botany

1. Dr. A. Janaki Bai and Dr. G. Subbarangaiah, Readers : Attended the 6th National Conference on Aerobiology at Pondicherry, during 6-12 Oct. 1991.

2. Prof. K.V. Madhava Rao : Participated in the Regional Seminar on Plant Physiology teaching and research in India and the prospects of its improvement at Bhubaneswar during Nov. 22-23, 1991.

Department of Bio-Chemistry

1. Prof. T.M. Radhakrishnan : Attended the National Symposium on "Regulatory Mechanisms in plant and Microbial Systems" at Hyderabad during Mar. 28-30, 91.

2. Dr. T. Ramana, Reader : Participated in the "10th National Symposium on Indian Society of Life Sciences", Mysore during Sept. 5-7, 91.

3. Dr. P. Ramamohan Rao, Reader : Attended in the International Workshop on "Crystal Growth of Technological Important Materials for Device Applications," Anna University, Madras during Nov. 8-15, 91.

Department of Chemistry

1. Dr. V. Ananta Raman, Reader in Physical and Nuclear Chemistry : Attended the Indian Council of Chemists 10th Annual Conference held at Goa, during Oct. 28-30, 91.

2. Dr. N. Someswara Rao, Lecturer in Inorganic & Analytical Chemistry : Attended the National Workshop on 'Thermodynamic Modelling of aqueous systems' held at Nagpur during Oct. 7-9, 91.

3. Dr. G. Nageswara Rao, Lecturer in Inorganic & Analytical Chemistry : Attended the 10th Annual Conference of Indian Council of Chemists held at Goa during Oct. 28-30, '91.

3. Dr. A.V. Prasad Rao, Reader in Inorganic & Analytical Chemistry : Participated in Indo-US Workshop in New Materials held at New Delhi, during Mar. 23-24, 92.

4. Prof. Ch. Suryaprakasa Sastry, Dept. of Organic Chemistry: Attended the 43rd Indian Pharmaceutical Congress held at Goa, during Dec. 27-29, 91.

5. Dr. P. Satyanarayana, Reader in Organic Chemistry: Attended 4th World Congress held at Bangalore during 28-31 Dec. 91.

Department of Environmental Sciences

1. Prof. C. Subba Reddy: Attended the 6th National Conference on "Aerobiology" held at Pondicherry during Oct. 6-11 91.

2. Dr. M.V. Subba Rao, Reader: Participated in the First National Symposium on "Unconventional Pests: Control vs Conservation" held at Bangalore, during 14-16 Oct. 91.

Department of Geology

1. Prof. T.V.S.R. Kshira Sagar: Attended the Third International Seminar on "Small & Medium sized Nuclear Reactors" held at New Delhi during 26-28 Aug. 91.

2. Dr. T. Vinoda Rao, Lecturer: Participated in the workshop on "Isotope application to Hydrology," held at Roorkee during 21-25, Oct. 91.

3. Prof. K. Kameswara Rao: Attended the International Symposium on "Applied Geochemistry" held at Hyderabad during 19-21 Nov. 91.

4. Dr. V.V. Nageswara Rao, Lecturer: Participated on International Conference on "Mineral Development and Environment" held at Dhanbad, during Nov. 28-29, 91.

Department of Geophysics

1. Dr. A. Lakshminpathi Raju, Reader and Dr. D. Bhaskara Rao, Lecturer: Participated in the International Seminar & Exhibition on Exploration Geophysics in Nineteen Ninties held at Hyderabad during 25-30 Nov. 91.

2) Dr. C. Visweswara Rao, Reader: Participated in the Symposium on "Signal Processing and Modelling of Geosignatures for Exploration of Oil and Natural Gas" held at Varanasi during Feb. 27-29, 92.

Department of Mathematics

Dr. K.P.R. Sastry, Reader, Dr. M. Krishna Murty. Lecturer and Sri Shaik Ismail, Lecturer: Attended the National Seminar on "Fuzzy Mathematics and its applications" held at Agartala during 28-30, Nov. 91.

Department of Meteorology & Oceanography

Dr. S. Nizamuddin, Lecturer: Attended the Brain Storm Session on "the Atmospheric Technology and Instrumentation," held at Calcutta during 20-21, Sept. 91.

Department of Pharmaceutical Sciences

1. Prof. P. Ellaiah, Prof. K.P.R. Chowdhary, Dr. B. S. Sastry, Lecturer and Smt. J. Vijaya Ratna, Lecturer : Participated in the 43rd Indian Pharmaceutical Congress, 91 held at Goa during 27-29, Dec. 91.
2. Prof. D. Visweswaram and Dr. S. Satyanarayana, Reader : Attended in the 24th Annual Congress of Indian Pharmacological Society, held at Ahmedabad, during 29-31, Dec. 91.
3. Prof. R. V. Krishna Rao : Attended the National Congress on "Herbal Science" held at Bombay during 8-9, Feb. 92.
4. Mrs. D.K.M. Lakshmi, Lecturer : Attended Course-Workshop on "QSAR" held at Bombay during 6-8, Feb. 92.
5. Sri P. Rajeswara Rao, Lecturer : Attended the UNESCO-CDRI Workshop on "The use of Pharmacological techniques for the study of Natural products" held at Lucknow from 30-3-92 to 4-4-92.

Department of Physics

1. Dr. S. Bangar Raju, Reader : Attended the solid State Physics Symposium held at Varanasi during Dec. 21-24, 91.
2. Sri B. Madhusudhana Rao and Sri V. Bhaskara Rao, Lecturers : Attended the National Space Science Symposium held at Ahmedabad during March 11-14, 92.

Department of Statistics

1. Prof. K.V. Suryanarayana : Attended IX Annual Conference of Indian Society for Medical Statistics and National Seminar on "Statistics in Maternal and Child Health" held at New Delhi, during Sept. 26-28, 91.
2. Dr. K. Srinivasa Rao, Lecturer : Participated in the Indian Society for Probability and Statistics conference held at Cochin, during 9-12, Dec. 91.
3. Dr. J. Lakshminarayana, Reader : Participated in the XII Annual Conference of the Indian Society for probability and Statistics, held at Cochin during 9-12, Dec. 91.
4. Prof. G.V. Seshachalpathi and Dr. M. Chitti Babu, Lecturer : Attended the Indian Science Congress held at Baroda during 3-8, Jan. 92.
5. Dr. M. Vivekananda Murty, Reader : Participated in the First Annual Conference of Society for Development of Statistics held at Hyderabad on 14-3-92.

Department of Zoology

1. Dr. B. V. S. S. R. Subba Rao, Reader : Attended XIII National Con. of Comparative Animal Physiology held
2. Dr D. E. Babu, Reader : Participated in the Inter-

national Conference on "Food Resources, Production and Processing Technology held at Muttom (TN) during 28-30, Dec. 91.

II. COLLEGE OF ARTS & COMMERCE

Department of Economics

1) Prof. V. Lakshmana Rao : Deputed to attend 74th Annual Conference of the Indian Economic Association, Ananthapur during Dec. 28-30, 91.

2) Dr. K. Sreeramamurthy, Reader, Dr. K. Siva Prasad, Reader Attended 33rd Annual Conference of Indian Society of Labour Economics at Hyderabad during Dec. 24-26, 1991.

Department of Psychology & Parapsychology

1) Dr. V. Kalpana Rao, Lecturer : Participated in 4 day Workshop on "Research Inkblot Test" at Allahabad, during Feb. 6-9, 92.

2) Dr. U. Vindhya Sudhakar, Lecturer : Participated in the 28th Annual Conference at Bhubaneswar, during July 10-12, 91.

3) Prof. V.S. Bose and Prof. V.S. Pramila : Attended Workshop on "Stress Management" and VI Annual Conference of the Behavioural Medicine Society at Bangalore on 28th & 29th, June, 92.

Institute for Yoga and Consciousness

1) Prof. P.V. Krishna Rao, Director : Participated in the 28th Annual Conference at Bhubaneswar during July 10-12, 1991.

2) Dr. M. Satyanarayana, Asst. Director : Participated in the 37th Annual Conference of Association of Physiologists and Pharmacologists of India at Bangalore during 26-28 Dec. 91.

3) Dr. S. Mitti Mohan, Dy. Director : Participated in the Special Rajayoga Training at Mount Abu during May 6-9, 1992.

Department of Philosophy

1) Prof. G. Sundara Ramaiah : Attended the VIIth International Philosophy Conference at Gujarat during Dec. 28-31, 91.

2) Dr. V.V.S. Saibaba, Lecturer, : Deputed to attend in the Seminar on Bhakti Movement in Indian Literature and Culture at Hyderabad during Feb., 27-29, 1992.

Department of Politics & Public Administration

Dr. B. Premanandam, Lecturer : Participated in the XVI

Annual Session of A.P. History Congress at Karimnagar, during Jan. 18-19, 92.

Department of History & Archaeology

1. Prof. C. Somasundara Rao : Participated in the XVIII Annual Congress of the Epigraphical Society of India held at Pune during Feb. 1-3, 92.

2. Dr. Y. Srirama, Murty, Professor : Participated in the 52nd session of Indian History Congress held at New Delhi during Feb. 21-23, 92.

3. Prof. C. Somasundara Rao : Deputed to attend Indian Historical Records Commission as University representative at Rohtak during 20-21, April 92.

4. Dr. K. Suryanarayana, Lecturer : Attended to XVI Session of A.P. History Congress at Karimnagar during Jan. 18-19, 92.

5. Dr. P. Manikyamba, Lecturer : Participated in the XII Session of the South India History Congress held at Dharwad during Nov. 9-11, 91.

6. Prof. M. Krishna Kumari and Dr. S. Nageswara Rao, Reader : Deputed to Attend the First International Conference on "Youth Tourism" held at New Delhi during Nov. 18-21, 91.

Department of Commerce & M.S

1. Prof. J.V. Prabhakara Rao : Attended 18th National Management Convention held at New Delhi during July 26-27, 91.

2. Prof. D. Panduranga Rao : Participated in III Annual Management Education Convention held at Bombay during Aug. 22-24, 91.

3. Dr. R. Satya Raju, Reader : Attended in the Case Development Workshop held at New Delhi during Dec. 4-6, 91.

4. Dr. M. Madhusudhana Rao and Dr. V. Krishna Mohan, Lecturers : Participated in the Case Writing and Case Teaching Workshop held at Bangalore during 11-19, May 92.

5. Dr. V. Mallika Pothana, Reader : Deputed to Participated in the Workshop on "Leadership and Self Development for Women Executives" held at Hyderabad during 1-6 June, 92

Department of Anthropology

1. Dr. P. Vijaya Prakash, Reader, : Attended in the Annual Conference of Indian Society for Prehistoric and Quaternary studies held at Bhopal during 16-18, Dec. 91.

2. Dr. J. M. Naidu, Reader and Dr. S. Narahari, Lecturer : Attended the Symposium on "Science and Society" and XVII Annual Conference of Indian Society of Human Genetics held at Bhubaneswar during Jan, 22-25, 1992.

Department of Sanskrit

1. Prof. G. Parthasaradhy Rao : Attended the National Workshop on "Mahakavi Kalidasa" held at Varanasi during 9-12 March 1992

2. Dr. K. V. Venkateswara Rao, Lecturer : Participate in the National Seminar on "National Integration : Bhakti Movement, in Indian Literature" at Hyderabad during Feb. 27-19 1992.

3. Prof. P. Sriramamurty, Sri J. Prabhakara Sastry, Reader, Dr. G. A. Sarma, Lecturer and Dr. S. S. Sarma, Lecturer : Participated in the National Seminar on "Vedas and Sastras" held at Tirumala Tirupati Devasthanam from 29-1-92 to 3-2-92.

Department of Telugu

1. Prof. K. Malayavasini, Dr. A. Appa Rao, Reader and Dr. B. Arunakumari, Lecturer : Deputed to attend the National Seminar on "Comparative Studies of Novel in Dravidian Literature held at Madurai during 28-31, Mar. 92.

2. Dr. V. Subrahmanya Sastri, Reader : Participated in the Workshop on "Evolution of Comparative Studies in Telugu Korada Rama Krishnaiah's Contribution held at Varanasi, on 25th and 26 March, 92.

Department of Hindi

Dr. Y. Lakshmi Prasad, Lecturer, Attended to all Indian Official Language Conference held at Gangtok from 28-9-91 to 8-10-91.

Department of Library & Inf. Science

Dr. P. Soma Raju Reader : Attended National Seminar on "Ranganathan's works and their Impact on the growth of LIS Education and Library Movement In India" held at Ananthapur during 22-24, Dec. 91.

III. COLLEGE OF ENGINEERING

Department of Chemical Engineering

1. Prof. R. Jagannadha Rao : Attended 44th Annual Session of the Indian Institute of Chemical Engineering and CHEMCON - 91 held at Madras during Dec. 18-21, 91.

2. Prof. C. Ayyanna : Participated at the Annual paper meeting of the Chemical Engineering Division held at New Delhi during Oct. 25-26, 91.

Department of Civil Engineering

1. Dr. M. Satyanarayana and Dr. M. L. Narasimha Rao, Readers : Attended 4th Indian National Conference on "Ocean Engineering" held at NIO, Goa during Sept. 4-6, 91.

2. Prof. K. V. S. Appa Rao : Participated in the XXI Annual Convention through a seminar on "Technical Education in India - Promise and performance" held at Madras during Dec. 14-16, 91.

3. Dr. R. Rama Rao, Reader : Participated in the Indian Geotechnical conference held at Surat during Dec. 19-23, 91,

4. Sri C. V. Krishna Rao, Reader : Attended in the National Seminar on "Foundation problemes and remedial measures" held at Madras during Feb. 21-22, 92.

5. Prof V. Jagannadha Rao, : Participated in the National Seminar on "Concrete Chemicals " held at Madras on Mar. 24th & 25th, 1992.

Department of Computer Science & Systems Engg.

1. Dr. M. S. Prasad Babu, Reader and Dr. S. Upendra Rao, Reader : Attended 79th Indian Science Congress held at Baroda during 3-8, Jan. 92.

2. Sri P. V. G. Durga Prasad, Reddy' Lecturer : Attended the International Conference on "Remote Sensing and GIS (ICORG - 92)" held at Hyderabad during Feb. 26-28, 92.

Department of Electrical Engineering

1. Prof. M. Ananda Mohan and Dr. G.V.K. Sastry, Lecturer : Participated in the Symposium on "Intelligent Systems" held at Bangalore during Dec. 3-6, 91.

2. Prof. G. Govinda Rao and Dr. K. Parvatisam, Reader : Attended in the international Conference on "Signals, Data and Systems of MASE (France) held at New Delhi during Dec. 9-11, 91.

3. Dr. K.S. Linga Murty, Lecturer : Attended 24th Annual Convention, held at Bangalore during 26-28 Dec. 91.

Department of Mechanical Engineering

Prof. G.S. Murty : Attended in the 'HARDNESS' Workshop held at Bangalore during Oct. 28-30, 91.

Department of Marine Engineering

Prof. B.V.R. Gupta and Prof. L. Joga Rao : Participated in the Workshop on "Computer aided ship Design "held at Kharagpur, during March. 3-4, 92.

Department of Engineering Mathematics

1. Dr. G. Krishnam Raju, Reader and Dr. D. Bharathi, Lecturer : Participated in the 79th Indian Science Congress held at Baroda during 3-8 Jan. 92.

2. Dr. A.S. Satyanarayana Murty, Reader : Participated in the 36th ISTAM Congress held at Bombay during Dec. 19-22, 91.

IV. A.U.P.G. EXTENSION CENTRE, ETCHERLA

1. Sri V. Pulla Reddy, Reader, Dept. of Lib. & Inf. Science: Attended the National Seminar on "Ranganthan's works and their impact on the growth of Library and Information Science Education and Library Movement in India" held at Anantapur during 22-24, Dec. 91.

2. Prof. P.V. Sarma, Dept. of Economics: Attended A.P. Economic Association and Annual Conference held at Andhra University, Waltair during Feb. 8-9, 92.

3. Prof. B. Ramakrishna Rao, Dr. D. Ram Babu, Reader and Dr. S.K.V. Suryanarayana Raju, Lecturer, Department of Commerce, : Participated in the XLV All India Commerce Conference at Bangalore during 29-31, May 92.

V. A.U.P.G. EXTENSION CENTRE, KAKINADA

Dr. J.V.K.V. Pandit, Reader, Dept. of Politics & Public Administration: Attended the 37th Annual General Meeting and 35th Member's Annual Conference held at New Delhi during 26-27, Oct. 92.

VI. A.U.P.G. CENTRE, NUZVID

1. Dr. K. Somasekhara Rao and Dr. C. Rambabu, Readers Department of Chemistry: Attended 10th Annual Conference of Indian Council of Chemists held at Goa during 28-30 Oct. 91.

2. Dr. N. Veeraiah, Lecturer, Dept. of Physics: Participated in the International Workshop on Crystal Growth of Technologically important, materials for device applications held at Madras during 8-15, Nov. 91.

3. Dr. A.V. Sarma, Reader, Department of Physics: Attended National Seminar on "Assessment of impact of Industries, Nuclear & Thermal power plants and oil exploration activities on Environment held at Waltair during Dec. 12-14, 91.

4. Dr. K Rama Mohana Rao, Lecturer, Dep. of Applied Mathematics: Attended 57th Conference of the Indian Mathematical Society at Aligarh during 27-30, Dec., 91.

5. Prof. U. Muralikrishna, D. pt of Chemistry: Attended 3-day Workshop on (i) Interaction of Research Activities in Industries and Academic Institute in India. and (ii) Recent Trends in the Analytical Chemistry Teaching and Research in Indian Universities held at Bombay during 3-5, June 92.

6. Dr. P. Atchuta Ramaiah, Reader, Dept. of Chemistry: Attended Seminar on "High Performance Liquid Chromatography held Hyderaon 9-4-92.

TEACHERS WHO HAVE ATTENDED INTERNATIONAL CONFERENCES IN ABROAD

College of Science & Technology

1. Prof. P.V. Bhavanarayana, Department of Zoology : Deputed to attend IUGGXX General Assembly, held at Vienna during Aug. 11-24, 1991.
2. Prof. G.R. Lakshmana Rao, Dept. of Meteorology & Oceanography : Deputed to attend IUGGXX General Assembly held at Vienna during Aug. 11-24, 91.
3. Dr. Y. Vasudeva Rao, Reader, Dept. of Applied Mathematics : Deputed to attend the International Conference on "Industrial and Applied Mathematics" at Washington, USA, during July, 8-12, 1991.
4. Dr. K. Nageswara Rao, Lecturer, Department of Geography : Participated in the International Symposium on "Environmental Change and GIS" held at Asahikawa, Japan, during Aug. 25-28, 1991.
5. Dr. K. Sambasiva Rao, Reader, Dept. of Physics : Attended International Summer School in Ascona, Switzerland during Sept. 1-7, '91.
6. Dr. M.V. Subba Rao, Reader, Dept. of Environmental Science : Deputed to attend 6th World Conference on "Breeding Endangered Species : The Role of Zoos in Global conservation" held at Trinity, Jersey, UK during May 4-6, 1992.

College of Arts & Commerce

1. Dr. B. Joseph Stanley, Lecturer, Department of Commerce & M.S. : Deputed to attend the Summer School at Bologna, Italy, from June 24 to July 12, 1991.
2. Dr. K. Sreeranjani Subba Rao, Lecturer in Politics & Public Administration : Deputed to attend International Congress held at Argentina during July 21-25, 1991.
3. Prof. D. Panduranga Rao, Department of Commerce & M.S. : Participated in the 1st Biennial International Conference held at Orlando, USA during Mar. 25-28, 92.

College of Engineering

- Prof. G. Madhusudhana Rao, Dept. of Electronics & Communication Engineering : Participated in the International Conference on "Communications, Computers and Signal Processing" held at Victoria, B.C. Canada during May 9-10, 1991.

CHAPTER XVIII

National Service Scheme

National Service Scheme was introduced in the year 1969 on an experimental basis in 38 selected Universities covering 40,000 student youth. This scheme aims at correcting the phenomenon of seclusion of education from the Society by exposing the student community to reality situations and thereby creating an urge in them for greater involvement in community service and nation building activities in addition to their normal academic programme.

With the introduction of the special camping programmes in the year 1973 the programme gained momentum and attained the status of a movement in the system of higher education. Presently all the Universities and institutions of higher learning in the country with a student volunteer strength of nearly one million are implementing the programme. The present strength in Andhra University area is 25,081. In Andhra University area the programme was introduced as the +2 stage during the year 1987-88. Recently the programme was also introduced in Government Polytechnics. The reports indicate that the programme is successful in the plus 2 stage also. Participation in the programme is voluntary. The Government of India declared the programme as permanent one and removed the much criticized adhoc approach.

Students Enrolment During the year 1991-92

Total No. of Units	ENROLMENT		
	BOYS	GIRLS	TOTAL
252	19337	5744	25081

Regular Activities

During the period under report as per the enrolment figure there is a strength of 25,081 volunteers in all the 5 districts namely Srikakulam, Vizianagaram, Visakhapatnam, East Godavari and West Godavari. There are 19,337 male volunteers and 5744 female volunteers. This includes both the degree and the plus 2 stage colleges wherein the programme is launched.

Literacy

During the period under report the district administration of Srikakulam has declared that it would make all the necessary efforts to launch 100% literacy drive.

In Kakinada with the help of local NSS units a 100 per cent literacy project was given to a voluntary organisation. In these two areas meeting of the Programme Officers were convened with the District Administration and suitable plans of action were developed to involve all the educational institutions particularly NSS volunteers.

In West Godavari and Visakhapatnam Districts where 100 per cent literacy is being actively implemented, all the NSS Units are devoting most of the time in the literacy programmes. The District administration has been extending necessary assistance and guidance to the NSS Units. In West Godavari Programme Officers have been identified as Resource Persons.

The following are the particulars of the Mass Programme for Functional literacy :

No. of volunteers involved in MPFL			No. of learners			Number of made literate		
Male	Female	Total	Male	Female	Total	Male	Female	Total
13450	2517	15967	21636	14234	35870	12911	9912	22823

During the period under report Andhra University has been identified for launching massive movement on creation of awareness about the dreadful disease 'AIDS'. In collaboration with the world Health Organization, the Department of Youth Affairs & Sports conducted Regional Workshops and encouraged the identified Universities to conduct various competitions for inculcating better knowledge about AIDS. Competitions on the preparation of slogans, cartoons, posters and greetings were conducted. Training programme was organised to highlight the role of student in youth in preventing this disease.

During this period the main emphasis was given to youth for Mass Literacy in all the 5 districts. The volunteers have shown keen interest and contributed for the success of the programme. Girl volunteers in good number produced significant results in the communities where they worked.

Under Public Health Programmes nearly 5000 volunteers participated in a variety of projects in the com-

munities adopted by the NSS Units. They received encouraging support from the local voluntary organisations, local self governments and governmental agencies. Under this special educational campaigns on communicable diseases were undertaken.

Environment Enrichment and Conservation :

Ecological Development and conservation are the priority programmes adopted by the NSS Units since a long time. During this period all the NSS Units took up environmental protection programmes and education and awareness campaigns in the urban, rural and tribal communities. Save the Eastern Ghats was the slogan adopted by the Units and the volunteers were involved in a massive trekking programme in the coastal districts in collaboration with the leading voluntary organisations.

Plantation Preservation and Upkeeping of trees :

With the guidance of the Forest Department and the teachers of Botanical Science, NSS Units though in a limited way participated in the plantation programmes under social forestry scheme. The volunteers also took up nurishing of the plants planted by them earlier.

Population Education and Family Welfare :

In the areas where cent per cent literacy is launched NSS Units also took up population education programmes through various Literacy Centres. By making house to house visits the volunteers educated the people on the need for small family norm.

Republic Day Parade :

2 NSS volunteers from Andhra University area (Govt. College for Men, Srikakulam and M.R. Autonomous College, Vizianagaram) were deputed for participation in the Republic Day Parade conducted at New Delhi on 26-1-1992.

Other Activities :

In the District of Srikakulam Inter-collegiate competitions were held in debates, elocution and sports and games. Mention may be made regarding the good work done by the Programme Officers particularly Pathapatnam and Polaki NSS Units of Srikakulam district who have written songs, poems and playlets highlighting the need for Mass Literacy.

Centres for the Aged :

During this period certain efforts were made to start

Centres for the Aged in the colleges with the help of local service organisations. As a result of this Dr. V. S. Krishna Govt. College and V.M.C. Mahila Vidyapeeth did excellent work.

Special Camping Programme :

During the period under report a total No. of 12 special camps were organised involving 600 volunteers. Due to paucity of funds camping programme received a great set back.

All the 600 volunteers participated in the Youth for Mass Literacy programme. They worked for the creation of congenial atmosphere for the success of the literacy movement.

During their stay in the camp, the volunteers visited the nearby villages and organised youth clubs and mahila mandals and motivated them to participate in this National programme. The reports indicate that the efforts of the volunteers yielded the desired results.

Non-formal Education :

The volunteers contacted the instructors of non-formal education centres and helped them in mobilising school dropouts to participate in the evening classes.

Sending Children Back to School :

It is one of the important activities undertaken for the dropouts by the NSS volunteers. In this effort they met dropout children, their parents and concerned teachers and convinced them to attend the school.

Road Formation Work :

All the volunteers undertook the road formation work in the villages wherein they conducted the camping programme under Shramdan activity.

National Integration Camps :

The highlight of the camping programme during the period under report was organisation of 2 National Integration Camps (minor) at Penugonda and Eluru during December, 1991 and January, 1992 respectively. St. Theresa's College for Women, Eluru conducted a camp exclusively for girls and SVKP & Dr. K.S. Raju Arts & Science College, Penugonda conducted another camp exclusively for boys. 400 student volunteers representing more than 30 Universities from Chandigarh to Kanyakumari participated in the Integration camps.

CHAPTER XIX

Physical Education

The Andhra University teams participated in the South Zone and All India Inter University tournaments for the year 1991-92 in the following games :

1. Athletics (M & W), 2. Badminton (Men & Women), 3. Ball Badminton, 4. Basket Ball (M & W), 5. Chess, 6. Cricket, 7. Hand Ball (M & W), 8. Hockey, 9. Kabaddi, 10. Kho-kho, 11. Table Tennis (M & W), 12. Volley Ball (M), 13. Tennis, 14. Boxing and 15. Weight Lifting & Best Physique.

Our Volley Ball (Men) team participated in the South Zone Inter University tournament held at Kuvempu (Chitradurga) and qualified for the All India Inter University tournament held at Sambalpur.

The Andhra University conducted both the South-West Zone and All India Inter University Hand Ball (Men) championship during October 1991 and January 1992 respectively. The Andhra University Hand Ball (M) team secured the Runners-up position in the South-West Zone tournament. The Andhra University for the first time won the All India Inter Zonal Hand Ball (M) championship for the year 1991-92. Twenty two teams participated in the South-West Zone Inter University Hand Ball (M) tournament.

The Andhra University conducted the South Zone 'A' Basket Ball (Men) Inter University championship from 22nd to 26th November, 1991. Twelve teams participated in the championship.

Our Badminton (Men) team participated in the South Zone Inter University tournament held at Mysore and qualified for the All India Inter University tournament held at Anand.

Mr. R. Vivekanand had the distinction of representing South Zone Universities Cricket team in the Vizzy Trophy championship held at Baroda for the third year during 1991-92.

Sri R. Srinivasa Rao secured Silver Medal in Boxing in the Middle weight category in the South-West Inter University Championship held at Osmania University, Hyderabad.

The Andhra University Inter Collegiate games for the year 1991-92 were held at the following venues :

'A' Zone	: AU Colleges, Waltair
'B' Zone	: M.R. (A) College, Vizianagaram
'C' Zone	: Ideal College, Kakinada
'D' Zone	: Sir C.R.R. College, Eluru

Inter Collegiate Ladies Games & Sports	: Sri Y.N. College, Narsapur
Central Zone Games	: M.R. (A) College, Vizianagaram
Central Zone Weight Lifting & Best Physique	: Sir C.R.R. College, Eluru
Central Zone Foot Ball	: SDS College, Garividi
Central Zone Hockey	: M.R. (A) College, Vizianagaram
Central Zone Tennis	: SRKR Engg. College, Bhimavaram

3. E.C.G. Machine : New E.C.G. machine was purchased as per the proceedings of the V.C. No. A. VIII (4) - 161006-86 - 87 dt. 20-2-87 as the old machine is not working properly.

4. Ophthalmic unit was established on 3-3-82 Dr. G. Premasagar was appointed as Honorary Specialists consultant for Ophthalmology Vide Proceedings of V.C. No. S. III (3) 473/88-89 dt. 22-8-90, and the consultant services are available for the staff and students twice in a week (i.e., Friday and Saturday.)

5. The University has appointed 4 Honorary Consultants i.e., 1. Dr. G. Premasagar, Ophthalmology ; 2. Dr. C.S. Harendra, E.N.T. ; 3 Dr. K. Thirupathi Raju, Physiotherapy and ; 4. Dr. T. Rama Rao, Paediatrics. Vide Proceedings of the Executive Council No. S. III (3)/HC/SPL/88-89 dt. 21-6-88 and received their appointments. Recently their services were extended for 1 year upto 31-3-93 Vide Proceedings of the V.C. S. III (3)/HC/SPL/88-89 dt. 5-3-92.

6. The Health Centre will work round the clock and the Medical facilities are available in the Health Centre. One Medical Officer is on call everyday. The average O.P. per day is 450-500.

The University Health Centre is a primary health care Unit. So, all the primary care for the students and staff were being dealt with in the Health Centre.

All cases which need specialist care are being referred to that concerned specialists in the King George Hospital, Visakhapatnam for further examination and treatment.

All Pharmacists/Ward-boys/Sweepers/Thoties are attending round the clock on shift duties. Every day one Medical Officer is on Call to meet the emergency cases.

Laboratory Investigations Carried Out During 1991 to 1992
i.e., from 1-7-91 to 30-6-92.

Specimen	Total No. of Tests	Details of Pathological Findings	
Blood	: 11,600	Hamoglobin	4,200
		Leukocytosis	1,200
		Leukopenia	170
		Easionophils	3,700
		Microfilaria	43
		Malarial Parasites cases	230
		Positive Cases	20
Urine	: 7,800	Albuminuria	700
		Glycosuria	630
		Infective Hepatitis	640

Motion	:	6,360	Bacillary Dysentery	60
			Amoebic Dysentery	40
			Giardiasis	190
I. Helminthic Infections :				
		Ova of Round Worm		600
		Ova of Whipe Worm		400
		Ova of Hook Worm		380
		Ova of Thread Worm		100
		Ova of Tape Worm (H. Nana)		130
		Larve of strongy loides sterkoralis		100
				<hr/>
				1,710
				<hr/>
II. Mixed Infections :				
		Ova of Whip worm + Round worm		250
		Ova of Round Worm + Whip Worm		200
		Ova of Tape worm + Whip worm		210
		Ova of Round worm + Giardia		220
		Ova of Whip worm + E.H.E. & Colicysts		180
		Ova of Thread worm + E.H. of E. Coli		200
		Ova of Whip worm + Giardia + (H. Nana)		} 150
		Tape worm		
		Ova of Round worm + S.S. Larve		120
		Ova of Thread worm + Whip worm +		} 180
		Giardia		
		Ova of Hook worm + E.H. of E. Coli		130
		Ova of Whip worm + S.S. Larve		120
		Ova of Round worm + E. Coli + S.S. Larve		150
		Ova of Thread worm + Whip worm +		} 130
		Giardia		
		Ova of Whip worm + Giardia + Thread		} 120
		worm		
		Ova of Hook worm + S.S. Larve + E.H.		100
		Ova of Round worm + S.S. Larve +		} 130
		E.H. of E. Coli		
				<hr/>
				2,590
				<hr/>
III. Semen Analysis Cases				
Sputum	:	for A.F.B.		52
				30

Appendix No. 8

Bio-Chemical Investigation carried over during 1991 to 1992 (i.e.) from 1-7-1992 to 30-6-92.

I. Health Centre Cases

1. Blood Sugar Tests 454

2. Fasting Blood Sugar and Random Blood Sugar 223

G.T.T. TESTS - 2

II. Serum Cholenterol Tests :	45
North Campus Dispensary Cases	
I. Blood Sugar Tests :	22
II. Serum Cholenterol Tests :	

X-Ray Statement for the Period from 1-7-91 to 30-6-92

Month & Year	Adults						Children			Grand Total	
	Chest	Bones	C.P.	Abdomen	Skull	B.M.	Total	Chest	Bones		Total
July 91	-	2	-	-	-	-	2	-	-	-	2
August 91	45	53	15	3	1	2	119	5	4	9	128
September 91	67	81	12	-	-	-	160	4	4	8	168
October 91	55	76	15	-	-	-	146	6	5	11	157
November 91	33	46	18	-	-	-	97	8	4	12	109
December 91	63	14	18	-	-	-	95	7	4	11	106
January 92	61	67	14	-	-	-	142	8	6	14	156
February 92	53	90	12	-	-	-	155	8	8	16	171
March 92	58	97	16	-	-	-	171	6	3	9	180
April 92	15	40	8	-	-	-	63	8	8	16	79
May 92	46	76	2	-	-	-	124	10	4	14	138
June 92	19	3	-	-	-	-	22	1	1	2	24
Total	515	645	130	3	1	2	1296	71	51	122	1418

Annual Statistics for the period from 1-7-91 to 30-6-92

NEW PATIENTS

Month & Year	Students	Teaching Staff	Research Scholars	Non-teaching Staff		Total	
	M/F	M/F	MC/FC	M/F	MC/FC		
1991 July	952	199	67	177	2328	820	4543
Aug.	762	169	54	187	1403	557	3132
Sept.	802	133	28	178	1216	472	2829
Oct.	1027	131	28	154	1271	469	3090
Nov.	951	105	39	134	1170	370	2769
Dec.	1018	142	28	135	1142	400	2865
1992 Jan.	540	112	28	93	1069	353	2201
Feb.	1021	116	30	119	1199	443	2928
Mar.	861	102	19	134	1252	457	2825
April	643	100	20	127	1057	366	2313
May	521	104	23	126	1350	368	2492
June	440	123	31	155	1268	450	2467
Total	9544	1536	395	1719	15725	5525	34444

OLD PATIENTS

Students	Teaching Staff		Research Scholars	Non-teaching Staff		Total	Grand Total	Daily average
	M/F	M/F	MC/FC	M/F	MC/FC			
504	154	31	106	3247	671	4713	9256	298
575	151	26	116	3260	704	4832	7964	250
443	117	28	113	2413	532	3646	6475	216
385	118	16	117	2402	464	3502	6582	212
590	156	19	82	2592	409	3848	6617	220
535	178	33	104	1449	416	2715	5580	180
336	144	14	64	2541	408	3507	5708	184
655	193	29	81	3079	479	4516	7444	254
546	140	20	71	2424	406	3607	6432	208
404	129	30	59	2296	382	3300	5613	187
278	135	11	70	2320	407	3221	5713	184
273	145	29	91	2544	544	3626	6093	203
5524	1760	286	1074	30567	5822	45033	79477	

E.C.G. Statements

From July 91 to June 92

Month & Year	No. of E.C.G.'s Taken
July 91	21
Aug. 91	28
Sept. 91	22
Oct. 91	22
Nov. 91	10
Dec. 91	26
Jan. 92	25
Feb. 92	30
Mar. 92	30
April 92	19
May 92	18
June 22	17
	<hr/>
Total E.C.G.	268
	<hr/>

In Patients in Ward

Months	No. of in Patients
July 91	9 Nos.
Aug. 91	4 Nos.
Sept. 91	5 Nos.
Oct. 91	2 Nos.
Nov. 91	2 Nos.
Dec. 91	3 Nos.
Jan. 92	1 No.
Feb. 92	6 Nos.
March 92	6 Nos.
April 22	5 Nos.
May 92	2 Nos.
June 92	1 No.
	<hr/>
Total	46
	<hr/>

ANDHRA UNIVERSITY DISPENSARY

The North Campus Dispensary is a standard medical establishment located in the A.U. Engineering College campus where comprehensive medical examination and regular treatment is being provided round the clock to the students, teaching and non-teaching staff and their families by a compliment staff of two medical officers, two staff nurses, four qualified pharmacists, Junior Assistant, Attender O.P, Attendant, Record Assistant, Lab. Technician, Lab. Attendant, Theatre Assistant, Ayah, Ward Boy and sweepers.

The North Campus Dispensary is also attached with a clinical laboratory, tests of urine, blood and motion are conducted for prompt diagnosis. Besides clinical tests, bio-chemical tests such as bloodsugar, blood collaterol urea and billerobin also conducting in the A.U. North Campus Dispensary reports are submitted very promptly for the prompt diagnosis to the patients attending to A.U. North Campus Dispensary. An Amount of Rs. 10,000 was sanctioned towards clinical lab. equipment for the year 1991-92.

The North Campus Dispensary is providing special drugs to the patients to the tune of Rs. 13,200/- for the year 1991-92 on the prescription of the specialists and as per the necessity of the patients keeping in view of their health condition and nature of the disease.

The de-Addiction in the A.U. North Campus Dispensary is giving treatment as a welfare measure for the benefit of the employees who have become horrible addicts of alcohol to make them useful to the institution and to their families. Dr. N. Parameswara Rao, Honorary Director, Dr. Y. Jawahar, Associate Director, Dr. G. Bhagya Rao, Popular Psychiatrist (Visakhapatnam Steel city) Consultant are treating the alcoholic patients successfully. The de-addiction programme consists of the following stages : (1) motivation (2) detoxification (3) follow-up (4) Individual psychotherapy (5) Rehabilitation programme.

The total number of patients treated in the A.U. North Campus Dispensary for the year 1991-92 during the period from July '91 to June, 1992 is 26,990 which witnessed an increase of 791 patients over the census of 1990-91 patients. attended to the A.U. North Campus Dispensary. The North Campus Dispensary is open round the clock with emergency staff of pharmacist, ward boy, sweeper.

The clinical tests conducted in the clinical laboratory of A.U. North Campus Dispensary are enclosed herewith a detailed statement.

The North Campus Dispensary situated in the A.U.

Engineering College campus continues to serve the patients attending to the A.U. North Campus Dispensary with various diseases like pyrexia, malaria, enteric fevers, pneumonia, convulsions, inf. hepatitis jaundice, diarrhoea, dysenteries, amebiasis, deficiency diseases like vitamins and minerals and proteins, angular stomatitis, scurvy, rickets, constipation, int. colic, biliary colic, infantile colic, infections, urinary tract infections, measles, bronchitis, hypertension, Diabetes, various diseases of children and women.

The total budget provision pertaining to A.U. North Campus Dispensary for the year 1991-92 (April, 1991 to March, 1992) are as follows :

Medicines	2,34,800
Special drugs	13,200
Linens	5,000
Furniture	6,000
Contingencies	7,000
Surgical equipment	50,000
De-Addiction Programme	31,500
Clinical lab. equipment	10,000
	<hr/>
Total provision	3,57,500
	<hr/>

The North Campus Dispensary will function much more efficiently if the following facilities are provided in the A.U. North Campus Dispensary : (1) Ambulance facility (2) Civil Phone Facility (3) X-ray facility (4) E.C.G. Machine (5) Mini-operation Theatre with labour room facility.

NORTH CAMPUS DISPENSARY

Statement showing the statistics of A. U. North Campus Dispensary for the year 1991-92
(for the period from 1-7-1991 to 30-6-1992)

S. No.	Month	Staff New Patients				Staff Old Patients				Students		Total Number of Patients Treated	Daily Average
		Male	Female	Male Child	Female Child	Male	Female	Male Child	Female Child	Male New	Old		
1.	July, 1991	568	266	145	139	767	399	152	109	269	109	2,923	94
2.	August, 1991	544	273	178	142	772	523	188	124	238	141	3,123	100
3.	September, 1991	386	197	137	107	601	335	87	69	250	100	2,269	75
4.	October, 1991	494	209	137	84	562	325	78	39	204	81	2,213	71
5.	November, 1991	427	175	109	85	553	322	77	48	287	92	2,175	72
6.	December, 1991	416	212	146	93	494	281	92	45	217	88	2,084	67
7.	January, 1992	382	192	96	89	412	213	37	27	164	40	1,652	53
8.	February, 1992	382	174	102	87	432	212	71	63	236	125	1,884	67
9.	March, 1992	451	202	103	94	498	262	47	66	271	98	2,092	67
10.	April, 1992	491	261	127	98	385	298	48	44	261	62	2,075	69
11.	May, 1992	487	206	153	83	521	348	131	71	201	75	2,276	73
12.	June, 1992	463	205	136	98	586	342	117	47	171	59	2,224	74
Total		5,491	2,572	1,569	1,199	6,583	3,860	1,125	752	2,769	1,070	26,990	

Clinical Tests Conducted for the year 1991-92

1. Blood	2,215	Esomophilia	100
		Leukocytosis	120
		Leukopenia	109
		Microfilaria	10
		Malariaparasite	30
2. Urine	1,991	Albaminura	360
		Glycosuria	210
		Infective hepatitis	90
3. Motion	430	Ova of whipworm	29
		Ova of roundworm	34
		Tapeworm	6
		ova of hookworm	70
		Larva strongyloids	15
		Threadworm	11

Mixed Infections :

Hookworm + Thread worm	10
Hookworm + roundworm	30
Whipworm & Hookworm	24
Tapeworm & Hookworm	8
E. Hist. & E. Coli, Hookworm & whipworm	5
Tapeworm (H. Nana + Giardia,	-
Whipworm + E. Hist. E. Coli	-
Roundworm, E. Hist & E. Coli	2
Hookworm & Thread worm	4
Roundworm + strongyloids	6
Whipworm, hookworm & round worm	4
Bacillary Dysentery	29
Amoabic Dysentery	21
Giardia Lamblia	15
Sputum	62
Semo analysis	35
Biochemical :	
Blood sugar	165
Serum cholesteral	60
Blood urea	10
Serum Biluribin	

CHAPTER XXI

Andhra University Hostels

ARTS, COMMERCE & LAW HOSTELS

I. Prof. B. Parvathiswara Rao has been the Chief Warden during the year.

The Following Officiated as Wardens :

1. Dr. D.B.R.N.K. Benarjee, Dept. of IRPM.
2. Sri G. Pramod Kumar, Dept. of S.W.
3. Sri Kesava Rao, Dept. of Law.
4. Sri M. Sambasiva Rao, Dept. of Commerce.
5. Dr. Koteswara Rao, Dept. of Eco.

II. Election to the various associations were not conducted in the year.

III. The Hostels maintained 6 Messes

IV. Working of the Hostel owing to inflation the prices of all the consumable goods had increased exorbitantly. The Hostel faced financial stringencies owing to the inadequate scholarships against the high prices and the unavoidable practice of advances money to the students. Hence, the Hostel was constrained to seek financial assistance from the University which stood at approximately Rs. 45 lakhs.

SCIENCE COLLEGE HOSTELS

Wardens in Office :

- | | | |
|------------------------------|----------------------------|--------------|
| 1. Prof. B. Rajagopala Reddy | Geology | Chief Warden |
| 2. Dr. S. Somanadham | Met. &
Ocean | Warden |
| 3. Dr. T. Satyanarayana | Pharmacy | Warden |
| 4. Dr. K. Sambasiva Rao | Physics | Warden |
| 5. Dr. B.V.S.S.R. Subba Rao | Zoology | Warden |
| 6. Dr. D. Venu | Marine Living
Resources | Warden |

Hostel Manager :

Sri K.V. Ananda Rao

Manager

Hostel Accommodation

Hostel Block	No. of Rooms	Actual Capacity	No. of students accommodated
(1)	(2)	(3)	(4)
Sri Krishna Devaraya (SKD)	204	204	400

	(1)	(2)	(3)	(4)
Viveka Vinyasa		30	30	60
Vinaya Vihara		48	48	110
Ashoka Vardhana		48	48	96
*Vivekananda		10	20	—
Harsha Vardhana				
Double Rooms		27	54	135
Single Rooms		6	6	18
Total				819

*Vivekananda Hostel was shared between the Arts College, Engineering College and the Science College hostels.

Tube lights have been fixed in all the rooms of Science College Hostels. Water Coolers have been installed in all the Messes of the Science Hostels.

S4 Mess of Science Hostels is being renovated as MODEL MESS by fixing tiles on the walls of the Kitchen rooms, dining halls and fixing false roofing in the dining hall.

Furniture :

Many students lived in the Hostel rooms without the minimum furniture such as tables, chairs, and cots. Special request was already made for necessary grant.

Messes :

Two Vegetarian and three Non-Vegetarian Messes were run during the year. Each mess had a roll strength of more than 200 boarders, including the non-resident boarders.

Advisory Committee :

The Advisory Committee of the Science College Hostels met once during the year 1992, to award the tenders and discuss the various problems of the hostel.

Problems of the Hostels :

1. Inadequate water supply to the S.K.D., H.V. and A.V. blocks in particular.
2. Inadequate furniture in the rooms.
3. Overcrowding of the rooms and messes.
4. Inefficient watch and ward system resulting in theft of the student's property from their rooms.
5. Unsatisfactory sanitary conditions in the toilets ; messes and in the hostel surroundings.
6. Pilferage of Verandah bulbs, tap head and pipe-line valves.
7. Several other problems are not listed here arising due to inefficient watch and ward and sanitary.

8. Irregular power supply not only in summer but also in other seasons.

9. Inadequate water supply throughout the year.

10. Construction of Van-Shed and Cycle shed in the hostel premises.

11. Insufficient dust-bins in the hostel premises.

12. Construction of T.V. Rooms in Gandhi Reading Room area to serve the V.V., A.V. blocks as well as Viveka Vinyasa.

ENGINEERING HOSTELS

The Hostel is under the administrative control of the Chief warden guided by the Central Hostel advisory committee.

Prof. Allam Appa Rao is the Chief Warden and the following are the wardens and Associate wardens during the period under report for various Hostel Blocks.

Wardens :

Block No. 1 Prof. M.V. Venkata Rao, Head of the Department of Civil Engineering

Block No. 2 Prof. G. S. Murthy, Head of Department of Metg. Engineering.

Block No. 3. Prof. G. Govinda Rao, Head of the Department of Electrical Engineering.

Block No. 4.&

Block No. 5. Prof. B. V. Subba Rao, Head of the Department of Chemical Engineering.

Block No. 6 Prof. K. Venkata Rao, Head of the Dept. of Electronics

Block No. 7 Dr. R. V. Krishna Rao, Head of the Department of Pharmacy.

Associate Wardens :

Block No. 1 Sri C. V. Krishna Rao, Department of Civil Engg.

Block No. 2 Sri D. Nageswara Rao, Department of Mech. Engg.

Block No. 3 Dr. G. V. K. R. Sastry, Department of Electrical Engg.

Block No. 4 Sri Ch. V. R. K. Thirupathi Rao, Dept. of Chemical Engg.

Block No. 5 Dr. R. V. Subba Raju, Department of Chemical Engg.

Block No. 6. Dr. K. S. Linga Murthy, Department of Electrical Engg.

Block No. 7. Dr. S. Gopala Krishna, Department of Appl. Physics.

Sri N. K. Moudgulayan, Electronic Engineer was appointed as Associate warden to look after the Office Administration

and computerisation.

For the Purpose of admissions, the total available residential accommodation in Hostels is sub-divided department wise as follows :

Block (1)	Department (2)	Mess (3)
B 1.	Civil and Geo-Engineering Students	Non-Vegetarian
B 2.	Mechanical, Marine, Metg. Students	Non-Vegetarian
B 3.	Electrical, Electronics, Computer Sc.	Non-Vegetarian
B 4.	Chemical, Civil & Geo. Engg.	Non-Vegetarian
B 5.	Chemical Engineering	Vegetarian
B 6.	Mechanical, Marine. Metg. Electrical Electronics and Computer Sc.	Vegetarian
B 7.	Instrumentation Technology and B. Pharmacy	B 4 for Non- Vegetarian B 5 for Vegeta- rian

For the benefit of part-time Engineering and Pharmacy students, mess facility in Engineering Hostels is provided first-time.

And it is also proposed to start a separate mess for Part-time Engineering and pharmacy students in the coming year 1992-93.

The Elections for various Hostel associations were held on 24-11-1991.

The following Students are elected as Office Bearers for the year 91-92.

B 1.	Mess Committee Members	Sri G. Seetharamaiah
		„ P. Ramesh Babu
		„ Vidyadhar
	Lit. & Cult. Secretary	„ Ch. Srinivasa Rao
		„ S. Jagadeswara Rao
B 2.	Mess Committee Members	„ N. Jaya Kumar
		„ R. Srinivasa Rao
		„ V. Thata Rao
		„ E. Sanjaya Kumar
	Lit. & Cult. Secretary	„ K. Ramu
		„ S. Sanyasi Rao
		„ B. Nageswara Naik
B 3.	Mess Committee Members	„ Mana Brahmanan- dam
		„ M. Ramesh
		„ K. Ch. Balaiiah
	Lit. & Cult. Secretary	„ B. Muralikrishna
	Welfare secretary	„ N. Remesh

(1)	(2)	(3)
B 4.	Games Secretary	Sri M. Sateesh
	Mess Committee Members	„ B. Srinivasa Rao
		„ K. Suman
		„ P. Venkata Ramana
	Lif. & Cult. Secretary	„ A. Demudu
	Welfare Secretary	„ B. V. Prasada Rao
	Games Secretary	„ M. Ravi
B 5.	Mess Committee members	„ P. Satish Kumar
		„ G. Hari Babu
		„ Y. V. Praveen
	Lit. & Cult. Secretary	„ M. V. S. L. Reddy
	Welfare Secretary	„ A. V. R. Lakshmana Rao
	Games Secretary	„ D. Raghu
B 6.	Mess Committee members (B 6A)	„ Peddiraju Srinivas
		„ B. Narayana Naik
		„ Shaik Hazarat
	(B6 B)	„ D. Rajanikananth
		„ K. Chandramoh
		„ B. Mallinath
	Lit. & Cult. Secretary	„ Ch. Srinivas
	Welfare Secretary	„ C. Bhargava
		„ P. Pramodh

LADIES HOSTEL

After the Summer Vacation for two months the Hostel was started functioning from 1-7-91. Many functions were organised during 1-7-91 to 30-6-92. Independence Day was celebrated on 15-8-91. Dr. M. Gopalakrishna Reddy, In-charge Vice-Chancellor hoisted the Flag. Sweets were distributed to the inmates, staff and workers of the Hostel.

The Inauguration of Akshara Jyothi programme was held on 1-11-1991. All the four principals, i.e., Prof. K. Ranga Rao, Arts, Commerce, Prof. R. Jaganmohana Rao, Law college Prof. K. Venkata Reddy, College of Science and Technology, and Prof. C. Ratnam, College of Engineering, Inaugurated the centres and Prof. K. Venkata Reddy, presided over the function. Slates and textbook were distributed to the Hostel illiterate workers. Semi Christmas was celebrated by the Hostel inmates on 10-12-1991. Dr. S.S. Jyothi, Chief warden, A.U. Ladies Hostel presided the function. Feast was celebrated on 15-12-1991. The Hostel Day function was celebrated on 18-12-1991. Sri. D.V. Subbarao, Mayor, Visakhapatnam Municipal Corporation was the Chief Guest and Prof. K. Ranga Rao, presided over the Hostel Day function

The Hostel Executive election was held on 18-11-91 with

the help of the Election Committee and the Convenor Prof. Balamohandas. The following were elected as Hostel Executive members :

General Secretary	: Anita Puri, M.Sc. Computer Software.
Deputy General Secretary	: M. Sujatha, M.A. Education.
Cultural Secretary	: G. Swarnalatha, M.Sc. Computer Sofaware.
Welfare Secretary	: G.M L. Iqabel, M.A. English.
Games Secretary	: K. Lakshmi Tulasi, M.Com.
Mess Secretaries	
GI Mess	: K.V. Subbalakshmi, B.E.
GII Mess	: E. Sujatha, M.A. History
GIII mess	: R. Vidyalyatha, B. Pharm.

The Hostel Executive Body met several times in the course of the year and discussed the problems and needs of the inmates of the hostel. All the attempts were made for improving the facilities in the hostel. Air coolers were installed in three of the Hostel Blocks. (Now Block, Modern Block and Latest Block) Duplicating machine was repaired and it is using for the office work. The existing situation as such in fruite satisfactory, except the water problem. The water problem was also discussed with the Registrar and Vice-Chancellor. They were promissed to take immediate action to decrease the water problem.

The financial position of the hostel is sound. The accounts were finalised and audited upto date. All the good except few problems like water problem and we are hopeful that this will also be taken care shortly, keeping in view of the hostel strength. The Hostel is grateful to the authorities for all the help extended to the Ladies hostel.

RESEARCH SCHOLAR'S HOSTEL

1. (A). Prof. T.M. Radha Krishnan is the Chief warden upto 4-2-1992, Dr. U. Viplava Prasad from 5-2-1992 is the continuing Chief Warden (B) Dr. T. R. K. Reddy, Dr. S.V. Sudhakar and Dr. (Mrs.) V. Padmaja are the Wardens.

2. The following is the Executive Committee for the year 1991-92 :

- 1) General Secretary : Sri P.D.A.S. Paul Kumar
- 2) Lit. & Cul. Secretary : Sri B.K. Sai Ram
- 3) Welfare Secretary : Sri M. Rama Mohan Rao
- 4) Games Secretary : Sri R.V. Satyanarayana Raju
- 5) Veg. Mess Secretary : B. Sayanarayana
- 6) N.V. Mess Secretary : Sri D. Venkateswara Rao

CHAPTER XXII

Sites and Buildings

Out of 16 building project worth to Rs. 201.10 lakhs which were taken up with the aid of the UGC/State Govt. Grants under VII Plan some of the buildings were completed during 89-90 and the remaining buildings were completed and handed over to the concerned departments during the period under review.

Some other building projects (10 Nos.) worth to Rs. 200.00 lakhs which were taken up with the University funds, [donations and State Govt. as deposit work in the University, and its extension centres at Kakinada and Etcherla, Srikakulam Dt. were also completed and they are ready for inauguration.

In addition the above building projects 11 new building projects worth to Rs. 113.24 lakhs are started with the aid of UGC/State Govt. grants under VIII Plan are started. Out of which 3 Hostels, i.e., two Hostels for Engineering and Technology Students one for Boys and one for Girls and the other for Boys for the students of Humanities and Social Sciences.

Further water supply in the Campus were improved by digging new borewells in South and North Campus and also the amenities in the students Hostels were also improved.

Works undertaken during the period from 1-7-91 to 30-6-92 :

- | | |
|---|-------------|
| 1) Construction of a building for M. Tech. Future Study as FF over Electronics. | 5.50 lakhs |
| 2) Construction of FF over present CISI building for USIC. | 8.25 lakhs |
| 3) Construction of FF over Statistics building for the Academic use of Humanities & Sciences. | 19.97 lakhs |
| 4) Construction of FF over Statistics for Mathematics Department. | 5.00 lakhs |
| 5) Construction of a building for Atmospheric Sciences. | 2.50 lakhs |
| 6) Construction of a Hostel Block for Girl students of Engineering & Tech. Students. | 10.00 lakhs |
| 7) Construction of a new Boys Hostel for Humanities and Sciences. | 24.00 lakhs |
| 8) Construction of a Hostel Block for Engineering & Tech. Students. | 26.67 lakhs |
| 9) Construction of Mini Gymnasium and Weightlifting Hall in South Campus. | 6.00 lakhs |

- | | | | |
|-----|--|------|-------|
| 10) | Construction of a building for Special Education Course to Teachers of handicapped children. | 2.50 | lakhs |
| 11) | Construction of balance portion in FF over Geography building. | 2.85 | lakhs |

CHAPTER XXIII

Finance and Accounts

Grants received from the State Government during the year
1990-91

	Rs.
I. Block grant	11,80,38,000
II. D.A. w.e.f. 1-7-1988, 1-1-1989 and 1-7-1989	1,24,01,000
III. D.A. arrears w.e.f. 1-1-90 and 1-7-1990	69,13,000
IV. E.P.P. Scholarships	29,00,000
V. U.G.C. Building Matching grant	
A) VII Plan - Special Educati- on to teachers for teaching handi- capped children	1,15,000
B) VIII Plan Academic - Block	3,33,000
VI. A.U. High School & Primary School grant	4,48,000 7,85,884
VII. A.U. Dr. B.R. Ambedkar P.G. Centre, Srikakulam for starting new courses	9,19,000
VIII. Re-imburement of tuition fee	41,030
IX. 5 year (Part-time) B. Pharmacy Course	2,31,150
X. 4-year (Part-time) B.E. Course for Diploma Holders.	2,23,645
Grand Total	Rs. <u>14,29,00,709</u>

CHAPTER XXIV

Dr. V.S. Krishna Library

The total membership including Students, Research Scholars, Teachers and Officers of University and Deposit Borrowers of this University was about 14,500 during the year.

The total number of books reference books and periodicals issued and returned during the year is 3,50,000. About 65 books were borrowed from other Universities and 45 books were sent to other Universities.

Fine collections on over due books, penalty for loss of Tickets towards replacement of the books annual subscription of Deposit Borrowers, etc., amounts to Rs. 54,143/- were collected.

Annual Report of Acquisition Section :

U.F.	1,54,741-00
VIII U.G.C. Plan (so far)	18,93,665-00
Books Added	8976

Reference & Readers Service Unit :

1. No. of reference queries answered daily is 25-30
2. Total amount collected by Xerox service from 1-4-91 to 31-3-92 Rs. 29,197-00

Binding Section :

- | | |
|--------------------------------------|-------|
| 1. No. of Books Wrapper Bound | 700 |
| 2. No. of Periodicals Bound | 2,660 |
| 3. No. of Books repaired | 325 |
| 4. No. of Borrowers Tickets prepared | 7,500 |
| 5. No. of Borrowers Cards Prepared | 2,225 |

Processing Section :

No. of Books and Periodicals added during 1-7-91 to 30-6-92	
Total	8,082

Periodical Section :

1. No. of Periodical Subscribed during 1-7-91 to 30-6-92 900
2. No. of periodicals received as gifts : 30
3. Expenditure on Periodicals 77,28,200/- Rs. 30,00,000

The Engineering College Library and Law College Library are also functioning successfully.

CHAPTER XXV

School of Correspondence Courses

(Covering period from 1-7-1991 to 30-6-1992)

The School which was started in 1972 with a humble beginning could reach the take-off stage during the academic year 1982-83. By way of implementation and adoption of several procedures and the introduction of modern equipment to strengthen the student support services the School has achieved remarkable progress during the last few years and crossed 42,000 in enrolment during the academic year 1991-92. The report highlights the salient features of various aspects of the activities of the School for the period from 1-7-1991 to 30-6-1992 and also the measures taken to cater to the diverse aspirations of the public to up grade their academic qualifications.

I. TEACHING STAFF

The particulars of the members of academic staff as per cadre and faculty-wise are given below :

Director	(Professor in Economics)	1
Readers	(Economics)	3
Reader	(English)	1
Readers	(Commerce)	2
Reader	(Politics)	1
Lecturers	(Economics)	4
Lecturers	(Commerce)	2
Lecturer	(Education)	1
Lecturer	(History)	1
Lecturer	(Sociology)	1
Lecturer	(English)	2
Lecturer	(Telugu)	1
Lecturer	(Hindi)	1
Lecturer	(Chemistry)	1
Asst. Programme Coordinator		1

II. COURSE STRUCTURE AND ENROLMENT

a) Course Structure : In all the School is offering 19 courses including the conventional courses on academic year basis and the non-conventional courses on calender year basis to suit the needs of the student community. The particulars of

these courses in terms of eligibility are shown in Annexure I.

b) Enrolment : The enrolment of students crossed a 42,000 mark during the academic year 1991-92 also in spite of tough competition from Andhra Pradesh Open University and other Institutes of Correspondence Education. Course-wise details of enrolment during the academic year 1991-92 are given in Annexure II.

III. EXAMINATION RESULTS

The number of candidates who have registered for Graduate/Postgraduate and P.G. Diploma Courses for 1991 examinations are given in Annexure III. The performance of M.A. Economics, M.A. Hindi, M.A. Public Administration and M.A. Telugu students is noteworthy.

Among the P.G. Diploma courses the performance of students of P.G. Diploma in Translation is outstanding as all 15 candidates who appeared for the exams. secured I Classes ensuring 100% result. The performance of P.G.D.C.R.S. students is also noteworthy.

IV. MEASURES TAKEN TO IMPROVE THE STUDENT SERVICES

(a) Personal Contact Programme Centres for B.A./ B.Com. Courses : The personal contact classes were conducted on different dates at different centres to facilitate students to attend the classes depending upon their convenience. The personal contact programme classes were conducted in nine centres, viz., Srikakulam, Vizianagaram, Waltair, Rajahmundry, Kakinada, Vijayawada, Guntur, Ongole and Hyderabad. The Personal Contact Programme at Hyderabad is conducted for the First time during the year. The detailed schedule of the Personal Contact Programme centres for B.A. and B.Com. courses is given in Annexure IV.

The particulars of students participation in these programmes are given in Annexure V. The attendance at the Personal contact Programme classes is encouraging.

(b) Personal Contact Programme-cum-Practical classes for B.Sc. : The Personal Contact Programme-cum-Practical classes for the students of B.Sc. 1st, 2nd, and 3rd years were arranged at the following centres :

1. M.R. College, Vizianagaram
2. D.N.R. College, Bhimavaram
3. A.C. College, Guntur
4. Mrs. A.V.N. College, Visakhapatnam
5. V.V.M. Degree College, Ongole

Attendance at the Personal Contact Programme-cum-Practical classes is compulsory.

(c) Personal contact Programme for MEd: In the case of M.Ed. students of 91-92 batch, 1st Personal Contact Programme classes will be arranged for a period of 3 weeks at Andhra University Campus. The second Personal Contact Programme classes will be arranged at Government Comprehensive College of Education, Rajahmundry and M.R. College of Education, Vizianagaram for a further period of 3 weeks. Attendance at the Personal Contact Programme is compulsory.

(d) Personal Contact Programme for M.A./M.Com. Courses: Personal Contact Programme classes for all M.A. Courses and M.Com. course will be held at Andhra University Campus, Waltair in October, 1992.

(e) Practical Training and Personal Contact Programme Classes for the candidates of PGDCRS: Practical Training for 91-92 batch of candidates of Postgraduate Diploma in Co-operation and Rural Studies will be conducted at 3 centres for a period of 10 days in October, 1992. For each centre, 30 to 35 candidates are allotted depending upon their geographical proximity. The practical training will be conducted at the following centres:

- First Round: 1. Hyderabad 2. Eluru
 3. Visakhapatnam

The candidates under the supervision of concerned teaching staff member of the School of Correspondence Courses have to visit 10 cooperative societies covering the following 4 types:

1. Cooperative Credit Societies and Banks.
2. Consumers Cooperative Stores
3. Producers Cooperatives
4. Marketing Cooperatives.

The personal Contact Programme classes for the PGDCRS students will be arranged at Andhra University Campus in October, 1992 for a period of 11 days. Attendance for both practical Training Programme and Personal Contact Programme classes is compulsory.

(f) Personal Contact Programme for P.G. Diploma Courses: The Personal Contact Programme classes for the non-conventional P.G. Diploma courses will be conducted in November at A.U. Campus.

(g) Despatch Schedule: Consequent upon the streamlining of work relating to the despatch of course material, to schedule for the despatch of lessons could be adhered to during the academic year. Study material was despatched well in advance by taking the commencement of Examinations into account.

h) Conduct of Examinations (Common Core Scheme) by the School : As mentioned in the last Annual Report the Director, School of Correspondence Courses is authorised to conduct the examinations for all the courses that are being offered by the School of Correspondence courses and accordingly the Degree, Postgraduate Courses including P. G. Diploma Examinations are conducted and results are published by the School on time. The result of B. A. Degree examinations were processed within a record period of one month in order to enable the students to appear for the A U C E T examinations.

i) Office Automation Equipment : As reported in the previous Annual Report the AT 386 Micro Computer and one 60 MB cartridge Tape Drive, two PCS one PC - XT Automatic Plane Paper Copier and Electronic Intercom are being used to improve the student support services. With the addition of PC-AT 386, PC-XT two PCS one PC-AT 286 and one PC during the year under report the school is able to process the results more expeditiously and reduce the delay announcing the results. Besides the examination work of the School of the Correspondence Courses the School is also processing the results of A U C E T, AUMBACET and AUHRMCET results.

V. B.A./B.COM. SUPPLEMENTARY BATCH 1991-'92

Another B. A./B. Com. Entrance Examination during the academic year 1991-'92 was conducted in January, 1992 as in the case of January 1991 to give an extra opportunity to the candidates who would like to pursue their higher studies by passing B. A./B. Com. Entrance Examination. The candidates who passed the Entrance Examinations in January are admitted into first year B. A./B.Com. Degree Course in the School of Correspondence Courses as supplementary batch during the concerned academic year.

Separate personal contact Programme classes for the candidates of all the B.A./B. Com. Supplementary Batches will be arranged in October, 1992. The first year University examinations to the candidates of supplementary batch will be held in November/December of the concerned academic year 2nd and 3rd year University Examinations to these candidates will be held with a gap of one year each. there after.

VII. STUDY CENTRES AND WEEK-END CLASSES

In addition to the eight study centres which were transferred to the School of Correspondence Courses during the year 1986-87 four study centres each started during the years 1988-1989, and 1990-1991 the following four new study centres

were identified in the following places during the year 1992.

- | | |
|---------------|------------------|
| 1. Vijayawada | 2. Guntur |
| 3. Hyderabad | 4. Visakhapatnam |

Of these four Centres the following two have already given their consent and for the other two centres colleges are being identified for the purpose of the Study Centres.

- | | |
|----------------------------|---------------|
| 1. K. B. N. College | Vijayawada |
| 2. B. V. K. Degree College | Visakhapatham |

Outside Andhra Pradesh.

In addition to the above -four study centres it is proposed to have one study centre each at Berhampur in Orissa and Kharagpur in West Bengal during this year itself. Arrangements are already made in choosing the colleges for the purpose of starting study centres at the above mentioned places and the permission from the respective Directors of Higher Education in this regard is awaited.

To commence with the School proposes to conduct week-end classes i. e. on Second Saturdays and Sundays at the above centres. The week end classes for the academic year 1991-92 in all the centres were scheduled from January 1992 withy addition of the centres the School has now 26 study centres catering to the students all over the State besides one study centre at New Delhi. The detailed programme of week-end classes at various study centres and the particulars of student participation in these classes are furnished in Annexure VI and Annexure VII respectively.

VIII. WEEK - END CLASSES FOR POSTGRADUATE COURSES

The week-end class Programme facility has been extended to the students of Postgraduate courses also from the academic year 1988-89. These classes are in addition to the Annual Personal Contact Programme Classes To start with the week end classes are being held in the University Campus, Waltair, This facility will be extended to the other areas depending upon students enrolment and the availability of resource personnel to handle the classes at the respective centres. The particulars of student participation during the year under report are shown in Annexure VIII.

VIII. SALES COUNTERS

Arrangements are being made to have sales counters at the following places for the sale of admission application forms and prospectus for various courses including the examination application forms and book-lets of B. A./B. Com. Entrance Examination.

- | | |
|-----------|--------------|
| 1. Madras | 2. Bangalore |
| 3. Bombay | 4. Calcutta |
| 5. Cochin | 6. Nagpur |

IX. CONCLUSION

In concluding the Director places on record the keen interest evinced by Dr. M. Gopala Krishna Reddy, Vice-Chancellor in the overall development of the School. The director further places on record the cooperation from the teaching and non-teaching staff of School of Correspondence Courses and from the University authorities for the smooth and efficient running of the School.

I. Teaching Staff Changes :

A. Name of the teachers Newly Appointed : Sri C. Sampath Kumar who was working as Asst. Programme Co-ordinator in the Dept. of National Service Scheme has been transferred to School of Correspondence Courses, and joined on 22-6-1992.

B. Name of Teachers who are granted lien on his/her post : Sri Ch. Subrahmanyam, Lecturer in Economics has been granted lien on his post w.e.f. 9-11-91, Mr. Vijaya Vardhana Rao, Lecturer in Education is also on lien.

II. Report of Research work of the Teaching Staff :

A. Books Published : 1) Dr. P. Krishna Prasad published a book entitled "Mana Parliament" Kaumudhi Publishers, Visakhapatnam, Dec. 1991 ; 2) Dr. P. Krishna Prasad, Edited a Textbook "VANARULA NIRVAHANA" Published Telugu Academy, Hyderabad ; 3) Dr. G. Suryanarayana, "Rural Banking" Telugu Academy (under publication) Hyderabad, 1992.

B. Research work of the Teaching Staff :

1) Dr. D. Harinarayana, Reader in Economics, submitted a Project Report with Prof. K.C. Reddy on "Domestic Market Survey and estimation of Export demand potential for the equipment using renewable sources of energy" sponsored by IREDA, New Delhi.

2) Dr. P. Soumini, guided Ph.D. Dissertation on "Moral Education Theories and Practices - A Study in Socio-Historical Perspective."

3) Dr. G. Suryanarayana, guided Ph.D. Dissertation on "Cooperatives and Agricultural Credit - A Case Study of Visakhapatnam District Andhra Pradesh 1992.

4) Dr. G. Suryanarayana, guided M.Phil. Dissertation on

“Poverty and Consumption in Urban Slums - A Case Study of Anakapalle Town, 1992.

5) Dr. G. Suryanarayana, guided M.Phil. Dissertation on **“Performance of Cooperatives - A Case Study of Andhra University Consumers Cooperative Stores, 1992.**

6) Dr. P. Krishna Prasad guided M.Phil. Dissertations on the following topics : a) **Official-Non - official Relations in Local government - A Case Study of Anaparthi Mandal Praja Parishat.** b) **Implementation of Tribal Welfare Programmes - A study of West Godavari District.**

7) Dr. P. Krishna Prasad organised a Seminar on **“Electoral Reforms on Dec. 29-1991 at A.U. Campus, Waltair to commomerate Poorna Swaraj Day.**

8) Sri M. Gurumurthy Reddy, L.D. Typist in the School of Correspondence Courses was awarded Ph.D. for his work **“Higher Education in Andhra Pradesh during Telugu Desam Government - 1983-89 - A Study” on 29-11-1991.**

C. Research papers published in Professional journals -

1) Dr. V. Simmanna, Lecturer in Telugu, **“Nuta Arayayalla Telugu Journalism” Telugu, May, 1992 ;** 2) Dr. N. Subba Rao, **“The Role of FFDAS in the promotion of Inland Acquaculture in India,” Proceedings of the World Fisheries Congress, Athens, Greece, May, 1992 ;** 3) Dr. B. Mohini, **“Shenha,” Poornakumba, Hindi Pracharasabha Andhra, Khairatabad, Hyderabad, December, 1991 ;** 4) Dr. B. Mohini, **“Jatinahi Samskar Mahan Banathahai” Sapthagiri, TTD, Tirupati, December, 1991 ;** 5) Sri K. Parameswara Rao, submitted a paper on **“Irrigation in Visakhapatnam District of Andhra Pradesh prospects” at the Tenth Annual Conference of the A.P. Economic Association held in Dept. of Economics, A.U. Waltair on 8-9, Feb. 1992.**

D. Deputation of Teachers to Congress, Conferences and Workshops :

1) Dr. N. Subba Rao, Lecturer in Commerce participated in **World Fisheries Congress held during 3-8 May, 1992, at Athens, Greece organised by the American Fisheries Society, U.S.A.**

2) Dr. V. Simmanna, Lecturer in Telugu participated in the following seminars: a) **Seminar on Social Justice and Telugu Literature held on 28 Sept. 1991 organised by the Dept. of Telugu, A.U. Waltair ;** b) **U.G.C. National Seminar on contribution of the Telugu Literature for the down-trodden through the ages held during 4th to 6th December, 1991 organised by the Dept. of Telugu, A.U. Waltair ;** c) **U.G.C. National Seminar on National Integration : Bhakti movement in Indian Literature and culture, held during 27th to 29th Feb. 1992**

organised by Centre for Comparative Studies, Telugu University, Hyderabad ; d) U.G.C. National Seminar on Novel in Dravidian Literature held during 28th to 31st March, 1992 organised by the Dept. of Telugu and Comparative Literature, Madurai Kamraj University, Madurai.

3) Dr. G. Suryanarayana, presented a paper on "B.R. Ambedkar views on Land Reforms and Agricultural Development" at the U.G.C. National Seminar on Dr. B.R. Ambedkar Economic Philosophy conducted by the B.R. Ambedkar Open University, Hyderabad.

E. Names of the Dignitaries who visited the Institute :

1) Prof. TDJ Nagabhushanam, A.P. Agricultural University, Hyderabad participated in Personal Contact programme for P.G.D.C.R.S. students and delivered lectures during 29-30 December, 1991 ; 2) Prof. T. Balasubramanyan and Dr. Lalita Eapen, CIEFL Hyderabad participated in the Personal Contact Programme, for P.G. Diploma in Functional English students and delivered lectures during 8-2-92 to 10-2-92 and 10-2-92 to 12-2-1992 respectively ; 3) Dr. B. Swamy, Former Vice-chancellor of Nagarjuna University participated in the Personal Contact Programme for the P.G. Diploma in Environmental Studies students and delivered lectures during 8-9 Feb. 1992 ; 4) Prof. K. Purushottam Reddy, Dept. of Political Science Prof. V. Venkateswarlu and Dr. Raza of the Dept. of Botany Osmania University participated in the Personal Contact Programme for P.G. Diploma in Environmental Studies students and delivered lectures during 7-12, Feb. 1992.

ANNEXURE I

The following courses are offered by the School of Correspondence Courses. Qualified candidates residing in India are eligible to seek admission.

Course

Eligibility

I. Three-Year Degree Courses :

- | | |
|---|---|
| 1. B.A. (both English and Telugu medium) with the combinations of Special English, Special Telugu, History, Economics, Politics, Public Administration, Sociology and Mathematics | Intermediate/P.U.C. or equivalent of pass in the Entrance Examination conducted by this School. |
| 2. B.Com. (both English and Telugu medium) | Intermediate/P.U.C. or equivalent or pass in the Entrance Examination conducted by this School. |

3. B. Sc. (English medium only) with the combination of Mathematics, Physics and Chemistry. Intermediate/P.U.C. or equivalent with Physical Sciences and Mathematics.

II. Two-Year Post-graduate Courses :

- | | |
|---|--|
| 4. M.A. English | B.A./B.Sc./B.Com. |
| 5. M.A. Hindi | B.A./B.Sc./B.Com. with Hindi as one of the subjects of Study (Please see Prospectus for full details of eligibility) |
| 6. M.A. Telugu | B.A./B.Com. or B.A. (Special) with Telugu as a subject or B.Sc. (Home Science) with a study of Telugu for 2 years with a maximum of 100 marks of each year (Please see Prospectus for full details of eligibility) |
| 7. M.A. Economics (English medium only) | B.A. with Economics (Main or Ancillary) |
| 8. M. A. History (English medium only) | B.A. (Pass or Hons.)/O.T.B.A./B.A. (O.L.) with History as one of the subjects of study. |
| 9. M. A. Politics (English medium only) | B.A. with Politics or Public Administration as one of the subjects of study or B.L. or B.G.L. |
| 10. M. A. Public Administration (English medium only) | B.A. with Politics or Public Administration, as one of the subjects of study or B.L. or B.G.L. |
| 11. M.A. Sociology (English medium only) | B.A. degree with Social Sciences |
| 12. M.Com. (English medium only) | B.Com. only |

III. One-Year Professional Diploma Course :

13. Post-graduate Diploma in Co-operation and Rural Studies (English Medium only) B.A. Economics as Main or Ancillary, B. Com./B. Sc. (Agriculture) for inservice candidates working in Cooperatives and allied institutions working in Cooperatives and

allied institutions including non-officials

or

B.A./B.Com./B.Sc. for permanent employees of Co-operatives who have put in more than 5 years of service, subject to production of a certificate of employment countersigned by the concerned Deputy Registrar of Co-operatives

IV. 6 Months Foundation Course :

14. **Introductory Course (both English and Telugu Medium):** This course is offered to prepare the candidates for Entrance Examination to be held in June/July every year for Liberalised Admission into B. A./B. Com. Courses without any formal academic qualification by supplying study material
- No formal academic qualification is required. But the candidate should have completed 20 years of age by 1st July of the year of examination

V. One Year Professional Courses (Education):

15. **M.Ed. (English medium only):** This Course is meant for inservice teachers working in Andhra Pradesh at least with a bonafide teaching experience of 5 years.
- B.Ed. degree of Andhra University or any other University which is recognised by Andhra University
16. **B. Ed. (English medium only):** The Course is meant for inservice teachers working in Andhra Pradesh with at least 2 years of bonafide teaching experience
- B.A./B.Sc./B.Com. of Andhra University or any other University recognised as equivalent thereto. Admission shall be made by selection on the basis of performance of the candidates in the B. Ed. Common Entrance Test.

VI. Non-Conventional One Year Post-graduate Diploma Courses :

17. Post-graduate Diploma in Translation (Telugu Medium) B.A. Main Telugu or Ancillary Telugu or General Telugu; B.Com. General Telugu ; B.Sc. Two Years General Telugu ; Bhashapraveena with any recognised degree.
18. Post-graduate Diploma in Environmental Studies (English medium) Candidates should have passed any degree examination of this University or any other University which is recognised by Andhra University as equivalent thereto.
19. Post-graduate Diploma in Functional English Candidates should be a graduate of this University or any other University which is recognised by Andhra University as equivalent thereto.

The admission notification for M.Ed. course will be published in all the leading newspapers in Andhra Pradesh sometime in October/November of every year.

Separate Admission Notification will be given for Non-conventional one-year Post-Graduate Diploma Courses, as soon as the course requirements for the current batch are completed. Generally the admission notification will be given in the beginning of every year.

The candidates seeking admission into B.Ed. course through the Correspondence courses should take the B.Ed. common Entrance Examination which will be conducted by the Convenor, B.Ed. common entrance examination. The convenor, B.Ed. Common Entrance Examination will make necessary arrangements for the admission of the candidates into B.Ed. courses depending upon their performance in the Common Entrance Test. The School of Correspondence Courses is not connected with the Common Entrance Test and hence the candidates may write to the Convenor, regarding further details after the B.Ed. Common Entrance Notification is issued by the concerned Convenor.

Intending candidates may contact the Director for Admission Application form and Prospectus by sending Rs. 20/- by Demand Draft in favour of the Director, School of Correspondence Courses, Andhra University, Waltair as soon as the admission notification relating the concerned courses is published.

The prescribed application forms and Prospectus are available at the following two places at New Delhi besides at our 25 Study Centres on payment of Rs. 20/- through Demand Draft drawn in favour of the Director, School of Correspondence Courses, Andhra University, Waltair.

A. At New Delhi :

1. Sales Counter, Association of Indian Universities, A.I.U. House, 16 kotla Marg.

2. Sales Counter, Sri Venkateswara College, Dhaula kuan, Benito Jaurez Road.

B. Study Centres :

1. Government College, Srikakulam ; 2. M. R. College, Vizianagaram ; 3. Mrs. A.V.N. College, Visakhapatnam ; 4. Government College, Rajahmundry ; 5. P. R. Govt. College, Kakinada ; 6. Sir C.R. Reddy College, Eluru ; 7. S.R.R. & C.R.R. Govt. College, Vijayawada ; 8. A.C. College, Guntur ; 9. D.N.R. College, Bhimavaram ; 10. A.B.M. College, Ongole ; 11. Silver Jubilee College, Kurnool ; 12. Indian Institute of Management and Commerce, Hyderabad ; 13. A.M.A.L. College, Anakapalle ; 14. R.S.R.K.R.R. College, Bobbili ; 15. Noble College, Machilipatnam ; 16. V.S.R. & N.V.R. College, Tenali ; 17. Govt. Degree College, Narasannapeta ; 18. S.G.S. College, Jaggayyapeta ; 19. S.S. & N. College, Narasaraopet ; 20. S.K.B.R. College, Amalapuram ; 21. Sarvodaya College, Nellore ; 22. V.R.S. & Y.R.N. College, Chirala ; 23. V.V. & M. College, Ongole ; 24. K.B.N. College, Vijayawada and 25. B.V.K. Degree College, Visakhapatnam.

The School has no agents and takes no responsibility for the prospectus issued and promises made for admission by any other institution.

PROF. V. ABRAHAM
Director

Waltair

Annexure II

Course-wise Enrollment of Students in the School of Correspondence Courses for the year 1991-92

S. No. (1)	Course (2)	Number (3)
1.	B. A.	
	I Year	10,441
	II Year	11,104
	III Year	9,388

(1)	(2)	(3)
2.	B. Com.	
	I Year	1,398
	II Year	1,598
	III Year	1,481
3.	B. Sc.	
	I Year	116
	II Year	238
	III Year	261
4.	M. A. English	
	Previous	595
	Final	658
5.	M. A. Hindi	
	Previous	129
	Final	192
6.	M. A. Telugu	
	Previous	115
	Final	183
7.	M. A. Economics	
	Previous	077
	Final	110
8.	M. A. History	
	Previous	104
	Final	147
9.	M. A. Politics	
	Previous	108
	Final	115
10.	M. A. Public Administration	
	Previous	253
	Final	327
11.	M. A. Sociology	
	Previous	119
	Final	153
12.	M. Com.	
	Previous	357
	Final	495
13.	B. Ed.	1,205
14.	M. Ed.	100
15.	P. G. D. C. R. S.	092
16.	P. G. Diplomas	167
17.	Introductory Course	321
Total		42,087

Annexure III

1991 Examination Results of School of
Correspondence Courses

Examination	No. of Candidates Registered for final year 1991 Examination	Class	Total No. Passed	Percentage
(1)	(2)	(3)	(4)	(5)
B.A.	3602	I - 7	1453	40.34
		II - 123		
		III - 1323		
B.Com.	0497	I - 2	69	13.89
		II - 11		
		III - 56		
B.Sc.	0049	I - NIL	11	22.45
		II - 4		
		III - 7		
M.A. English	0200	I - NIL	84	42.00
		II - 20		
		III - 64		
M.A. Hindi	0102	I - 2	97	95.09
		II - 28		
		III - 67		
M.A. Telugu	0116	I - 1	91	78.45
		II - 39		
		III - 51		
M.A. Economics	0067	I - 4	45	67.16
		II - 20		
		III - 21		
M.A. History	0074	I - NIL	46	62.16
		II - 14		
		III - 32		
M.A. Politics	0065	I - NIL	48	73.84
		II - 12		
		III - 36		
M.A. Public Administration	0266	I - NIL	202	75.93
		II - 52		
		III - 150		
M.A. Sociology	0056	I - NIL	39	69.64
		II - 5		
		III - 34		

(1)	(2)	(3)	(4)	(5)
M.Com.	0280	I - NIL	173	61.78
		II - 23		
		III - 150		
P.G.D.C.R.S.	0072	I - 17	66	91.67
		II - 36		
		III - 13		
P.G.D.F.E.	0013	I - 6	11	84.62
		II - 2		
		III - 3		
P.G.D.T.	0015	I - 15	15	100.00
		II - NIL		
		III - NIL		
P.G.D.E.S.	0081	I - 12	72	88.89
		II - 35		
		III - 25		
M.Ed.	0068	I - 3	29	42.64
		II - 26		
		III - NIL		

Annexure IV

**Schedule of Personal Contact Programme Classes for the Year 1991-92
For B.A./B.Com. (Common Core Syllabus)**

S.No. (1)	Centre (2)	College (3)	Course (4)	Period (5)	Subjects offered (6)
1.	Srikakulam	Govt. College	B.A.	22-5-92 to 31-5-92	All subjects (Telugu Medium) except Special English
2.	Vizianagaram	M.R. College	B.A.	22-5-92 to 31-5-92	All subjects (Telugu Medium) except Special English and Mathematics
3.	Visakhapatnam	Mrs. A.V.N.College Arts College, A.U. Campus	I & II B.A. III B.A. & B.Com.	22-5-92 to 31-5-92 22-5-92 to 31-5-92	All subjects
4.	Kakinada	P.R. Govt. College	B.A.	22-5-92 to 31-5-92	All Subjects (Telugu Medium) except Special English
5.	Rajahmundry	Government College	B.A. & B.Com.	22-5-92 to 31-5-92	All Subjects (Telugu Medium) except Special English

(1)	(2)	(3)	(4)	(5)	(6)
6.	Hyderabad	Indian Institute of Management	B.Com.	22-5-92 to 31-5-92	
7.	Guntur	A.C. College	B.A. & B.Com.	16-5-92 to 25-5-92	All Subjects
8.	Ongole	A.B.M. College	B.A. & B.Com.	16-5-92 to 25-5-92	All Subjects (Telugu Medium) except Special English and Mathematics
9.	Vijayawada	K.B.N. College	B.A. & B.Com.	13-5-92 to 22-5-92	All Subjects

Note : Special English and Mathematics (both Telugu and English medium) are offered for the students of B.A. at Visakhapatnam, Vijayawada and Guntur only. The Students with these subjects are therefore requested to choose one among these centres.

Annexure V

Statement of Student Participation Personal Contact
Programme of B.A./B.Com. during 1991-92 (Centre &
Course-wise)

S. No.	Centre	B.A.	B.Com.	Total
1.	Srikakulam	130	—	130
2.	Vizianagaram	115	—	115
3.	Visakhapatnam	805	206	1011
4.	Rajahmundry	380	92	472
5.	Kakinada	164	—	164
6.	Vijayawada	476	81	557
7.	Guntur	350	60	410
8.	Ongole	135	20	155
9.	Hyderabad	—	50	50

Annexure VI

Centre-wise Schedule of Week-end Classes

The Week-end Class Programme for B.A. / B.Com. / B.Sc. Degree Courses will be held at the following Study Centres on Second Saturdays and Sundays as noted below :

S. No. (1)	Centre (2)	Courses Offered (3)	Medium (4)	Timings (5)
1.	Govt. College Srikakulam	B.A.	Telugu	9 a.m. to 12 noon 1 p.m. to 6 p.m.
2.	M.R. College Vizianagaram	B.A. B.Sc. B.Com.	Telugu English Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
3.	Mrs. A.V.N. College, Visakhapatnam	B.A. B.Com.	Telugu English Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
4.	P.R. Govt. College Kakinada	B.Sc. B.A. B.Com.	English Telugu Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.

(1)	(2)	(3)	(4)	(5)
5.	Govt. College Rajahmundry	B.A. B.Com.	Telugu Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
6.	Sir C. R. R. College, Eluru	B.A. B.Com.	Telugu Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
7.	S.R.R. & C.V.R. Govt. College Vijayawada	B.A. B.Com.	English Telugu English Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
8.	A.C. College Guntur	B.A. B.Com.	English Telugu English Telugu	12 noon to 3 p.m. 3.15 p.m. to 8.15 p.m.
9.	D.N.R. College Bhimavaram	B.A. B.Sc.	Telugu English	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
10.	A.B.M. College Ongole	B.A. B.Com.	Telugu Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
11.	Silver Jubilee Govt. College, Kurnool	B.A. B.Com.	Telugu Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
12.	Indian Institute of Management and Commerce Hyderabad	B.A. B.Com.	Telugu Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
13.	R.S.R.K.R.R. College, Bobbili	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
14.	A.M.A.L College Anakapalli	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
15.	Noble College Machilipatnam	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
16.	V.S.R. & N.V.R. College, Tenali	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
17.	Govt. Degree College Narasannapeta	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
18.	S.G.S. College Jaggaihpeta	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
19.	S.S. & N. College Narasaraopeta	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
20.	S.V. College New Delhi	B.A.	English	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
21.	S.K.B.R. College Amalapuram	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
22.	V.R.S. & Y.R.N. College, Chirala	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.

(1)	(2)	(3)	(4)	(5)
23.	V.V. & M. College Ongole	B.Sc.	English	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.
24.	Sarvodaya College Nellore	B.A.	Telugu	9 a.m. to 1 p.m. 2 p.m. to 6 p.m.

- NOTE : 1. Special English will not be offered under Telugu Medium.
 2. Special Telugu will not be offered under English Medium.
 3. Sociology will not be offered in Vizianagaram and Ongole.
 4. Commencement of Week-end Classes :
 II & III B.A./B.Com./B.Sc. 19-1-92
 I B.A./B.Com./B.Sc. 9-2-92

Annexure VII

Statement of Students Participation in Week-end classes of B.A./B.Com. courses during 1991-92

S.No.	Centre	B.A.	B.Com.	Total
1.	Srikakulam	110	35	145
2.	Vizianagaram	74	25	99
3.	Visakhapatnam	390	94	484
4.	Kakinada	132	64	196
5.	Rajahmundry	220	84	304
6.	Eluru	165	30	195
7.	Vijayawada	370	65	435
8.	Guntur	210	32	242
9.	Bhimavaram	69	24	93
10.	Ongole	125	41	166
11.	Kurnool	40	14	54
12.	Hyderabad	120	45	165
13.	Tenali	72		72
14.	Machilipatnam	94		94
15.	Bobbili	96		96
16.	Anakapalli	92		92
17.	Narasannapeta	42		42
18.	Narasaraopeta	65		65
19.	Jaggayyapeta	42		42
20.	New Delhi	-		-
21.	Amalapuram	60		60
22.	Chirala	42		42
23.	Nellore	54		54

Annexure VIII

**Statement of Students Participation in Week-end classes for
P.G. Courses 1991-92**

Course	No. of Students	Venue
M.A. (English)	180	Arts College
M.A. (Hindi)	64	Hindi Bhavan
M.A. (Telugu)	46	Telugu Department
M.A. (Economics)	48	School of Economics
M.A. (History)	42	Arts College
M.A. (Politics)	56	Arts College
M.A. (Public Administratration)	112	Arts College
M.A. (Sociology)	46	Arts College
M.Com.	90	College of Commerce

CHAPTER XXVI

Academic Staff College

Introduction :

The Academic Staff College was inaugurated by Prof. K. Ramakrishna Rao, Higher Education Adviser to Government of Andhra Pradesh on 23rd November, 1987. The guidelines and syllabus supplied by the University Grants Commission in organising the courses have been meticulously observed and a strategy of implementation of the U.G.C. guidelines has been prepared. The four components of the course were further divided into lectures, group discussions, modified micro-teaching exercises and other related academic methods.

A list of Resource Persons drawn both from outside and from within the campus was prepared by the Advisory Committee of the Academic Staff College and the same has been used to conduct classes. The Resource Persons are requested to present their content in a most innovative manner in the class room and they are also requested to provide hand-outs on their presentations. Participants are also asked to observe the method of presentation of the content in the class room and the individual differences of the Resource Persons in presenting the matter so that the participants can emulate the best method.

The Response from the Colleges :

The establishment of the Academic Staff College has not meant the creation of a white elephant; on the contrary. The sanction for this college opened the doors to a flood of activity; in the first year, as many as eight training programmes have been completed.

The catchment area of the college has been spread over from Assam in the East and Kerala in the South for Refresher Courses. It is estimated that around 200 applications are being received for each course except for the Refresher Courses of Law and Mathematics. So far, (June, 1992) 1129 Lecturers have been trained in our college of which 409 are in Refresher Courses, 593 are in Orientation Courses and 128 are in Inter-disciplinary Refresher Courses. The Principals of the affiliated colleges have expressed their utmost satisfaction with our courses in the meeting of the Principals held during 29-31 March, 1990.

Selection of Teachers :

The Principals of the affiliated colleges are generally reque-

sted to submit their nominations of names of the Lecturers for the Orientation Course about 4 weeks before commencement of the Course. A proforma of application indicating the name, years of experience, educational qualifications, etc., has been sent to all the 200 affiliated colleges of the catchment area Andhra and Nagarjuna Universities and all the Registrars of Universities in the State of Andhra Pradesh. We have computerised the selection of candidates for the courses. The selected candidates and their principals will be informed about the selection about 10 days in advance. The Director of Higher Education has also been informed about the participation of the lecturers in the course after they took admission into the college. The Govt. of Andhra Pradesh has also issued a G. O. Ms No. 445 dt. 17-10-1988 for the sanction of 'on duty' to the participants of the Academic Staff College.

Orientation and Refresher Courses :

The Academic Staff College of Andhra University has been identified by the U. G. C. to conduct Refresher Courses for in service teachers in six disciplines, i.e., (1) Economics (2) Commerce (3) Chemistry (4) Mathematics (5) Zoology and (6) Law. So far (upto 30-6-92) we have conducted 20 'Orientation Courses' 15 'Refresher Courses' and 3 'Inter-disciplinary Courses'. The Senior Professors in the Departments/Head of the Departments of concerned subjects have been appointed as Course Coordinators for the Refresher Courses and senior lecturers are appointed as Course Coordinator for Orientation Courses.

Lectures and discussions by experts are being arranged at least in two sessions per day and the last hour is kept open to introduce any innovative and creative programme. Each participant in the course is required to submit assignments in the form of a summary of the presentations made by the Resource Persons at the end of the each week. In addition to these assignments, each participant will submit a paper on a topic that has already been indicated by him/her. They can consult the Course Coordinators or the Resource Persons in finalising the research paper. The participants will also be motivated to review latest editions of useful books prescribed by Director/Course Coordinators and guided discussion will follow the review. Special lectures/guest lectures will be arranged in identified topics in order to introduce the participants to the latest developments in Higher Education system. The participants can also undertake innovative methods of teaching and share them with the co-participants to improve the quality of teaching. A modified micro-teaching exercise with the help of the video equipment has been made compulsory for every participant in the Orientation Course. As a matter of fact the

Refresher Courses and Orientation Programmes are innovative teaching, learning processes where in many opportunities are thrown open to the participants to experiment and benefit from their participatoin during the period of course.

Library Books Acquired :

The Academic Staff College Library has acquired 3345 volumes in various subjects. The books have been used by the participants and Resource Persons. The A.S.C. Library is getting journals consisting of Economic and Political Weekly, Journal of Public Administration, Social Scientist, Society and Change The Week, University News, Educational Planning & Administration and all leading dailies. The participants are however encountered with some difficulty in making use of the facilities as there is no proper accommodation for the library.

Teaching Aids Brought for A.S.C. :

The Academic Staff College has acquired one Overhead Projector and one Sliodamatic Automatic Projector. The College has also acquired a Vide Camera, T.V., V.C.R., Tape Recorder, PC XT, P.C. etc., The equipment has been used by the Resource Persons and also by the participants.

All Core Staff Appointed :

The University has appointed the Director, Reader, Lecturer, Office Superintendent, Steno-typist, Accounts Clerk, Technical Assistant (Library) and Attender on a permanent basis. In addition to the Core Staff some contingency staff has also been appointed for the hostel and for the college as per the U.G.C. norms.

Accommodation :

The University has provided Sufficient accommodation for the office and class room of the college by investing around Rs. 1,50,000/- for the establishment of the Academic Staff College in the heart of the campus. In addition to the Office complex, the University has also provided a Professor's Quarter in Shivajipalem (Near ASC Guest House) as the hired accommodation was not sufficient to provide hostel facilities to the participants. Now the College has all the facilities such as class room furniture and hostel facilities including cots, mattresses, pillows, T. V. etc., for the comfortable stay of the participants and resource persons.

Teaching Staff :

1. Dr. K. S. Chalam : Professor and Director
2. Dr. U. Viplava Prasad : Reader
3. Dr. M. Ramesh Babu : Lecturer

Meetings and Seminars Attended :

1. Dr. K. S. Chalam, Director, ASC attended the meeting of All India Directors of Academic Staff Colleges held at NIEPA, New Delhi during 24 - 25 October, 1991.

2) Dr. K. S. Chalam presented a paper on "Dr. B. R. Ambedkar and Democratic Socialism in India" at the National Seminar held at Srikrishnadevaraya University, Anantapur during 11-13 November, 1991.

3) Dr. K. S. Chalam has organised a Seminar on "Privatisation in Education" with the assistance of ICSSR, Southern Regional Centre, Hyderabad at the Academic Staff College, A. U. during 16 - 17 May, 1992.

4) Dr. K. S. Chalam has been awarded "VIJAYA SREE by the International Friendship Society of India, Bombay during the year 1991.

ANNEXURE

I. Orientation Courses :

S. No	Dates	Male	Female	Total
1.	8-7-91 3-8-91	21	5	26
2.	23-9-91 16-10-91	16	7	23
3.	22-1-92 18-2-92	26	5	31
4.	20-4-92 16-5-92	15	6	21
				101

II. Refresher Courses :

S. No.	Subjects	dates	Male	Female	Total	
1.	Commerce	26-8-91	21-9-91	41	—	41
2.	Physics	31-10-91	26-11-91	33	1	34
3.	Commerce	20-5-92	16-6-92	38	4	42
4.	Economics	22-6-92	18-7-92	19	1	20
						137

III. Inter - Disciplinary Refresher Courses :

S. No.	Subjects	Dates	Male	Female	Total
1.	Chemistry	17-11-91 - 23-12-91	42	5	47
2.	Political	24-2-92 - 21-3-92	28	10	38
3-	Economy				
					85

CHAPTER XXVII

Miscellaneous

1) The Board of Management at its meeting held on 15-7-1991 having considered the letter dt. 1-4-1991 received from the President, Indian Society of Remote Sensing requesting the University to sanction an amount of Rs. 10,000/- as grants-in-aid for the publication of "Indian Journal of Remote Sensing Photonirvachak" and "Institute of Vikram Sarabhai Memorial Lecture" on remote sensing applications, has resolved as follows :

"Resolved that the proposal of the Indian Society of Remote Sensing be accepted and an amount of Rs. 10,000/- (Rupees Ten thousand only) be accepted as grant-in-aid to the Society to fulfil its objectives for the advancement of Remote Sensing techniques by encouraging research and dissemination of knowledge among Scientists and specific Institutions in India by providing the amount in revised estimates for 1991-1992".

2) The Board of Management at its meeting held on 26-8-1991 having considered the financial estimates for the construction of alterations and improvements for Block No. 6 of A.U. Engineering Hostels, has resolved as follows :

"Resolved that an amount of Rs. 2,50,000/- (Rupees Two lakhs and fifty thousand) only for the work of alterations and improvements to Block No. 6 of A.U. Engineering Hostels and to meet the expenditure from the specific provision of Rs. 2 50 lakhs in the Budget Estimates 1991-92.

3) The Board of Management at its meeting held on 26-8-1991 having considered the question of providing financial assistance for starting the one year Master of Journalism and Mass Communication Course, has resolved as follows :

"Resolved that the one year Journalism and Mass Communication Course be started with minimum financial commitment from the academic year 1991-92 and the Vice-Chancellor be authorised to take necessary further action.

"Resolved further that the University Grants Commission, be addressed for necessary grants".

4. The Board of Management at its meeting held on 22-9-1991 having considered the letter dt. 8-8-1991 received from the President, A.U. Staff Co-operative Society Limited.

regarding construction of a building for the Office of the Co-operative Society, has resolved as follows :

“Resolved that the request of the President, Andhra University Staff Co-operative Society Ltd., to confirm the original allotment of 1000 square yards instead of 500 square yards already allotted for the construction of the building for the Office of the Co-operative Society, be accepted”.

5. The Board of Management at its meeting held on 22-9-1991 having considered the recommendations made by the University Grants Commission for VIII Plan development proposals under Engineering, Technology and Pharmaceutical Sciences of this University, providing financial assistance for the development programmes during VIII Plan period under Engineering and Technology and Pharmaceutical Sciences, has resolved as follows :

“Resolved that the posts sanctioned be created and the State Government be requested for its concurrence.

“Resolved further that the University Engineer be requested to prepare plans and estimates for the construction of building as agreed to by the University Grants Commission for transmission to University Grants Commission for the release of grants. Resolved also that the Vice-Chancellor be authorised to distribute the grants among all the Departments in the College of Engineering and Technology including Pharmaceutical Sciences and that the thanks of the University be communicated to the University Grants Commission for the development schemes sanctioned.”

6) The Board of Management at its meeting held on 28-10-1991 having considered the letter No. L7/2911/90 dated 6-6-1991 received from the Collector and District Magistrate) East Godavari, Kakinada for realienation of land measuring Ac. 16-20 near Engineering College at Kakinada, i.e., Ac. 10-00 in favour of National Institute of Hydrology and the remaining Ac. 6-20 to meet the other pressing needs, has resolved as follows :

“Resolved that among the land measuring Ac. 16-20 Ac. 10-00 be realienated to National Institute of Hydrology and the remaining Ac. 6-20 be kept by the University as recommended by the Special Officer, AUPG Centre, Kakinada. for future expansion of Post-Graduate Centre”.

7) The Board of Management at its meeting held on 28-10-1991 having considered the question of sanctioning the estimate for an amount of Rs. 8.25 lakhs for the construction of first floor over the present USIC (CSIL) building as against formal approval by the University Grants Commission

and pending receipt of the grant from the University Grants Commission on 100% basis, has resolved as follows :

“Resolved that the estimate for an amount of Rs. 8.25 lakhs (Rupees Eight lakhs and twenty five thousand only) for the construction of first floor over the present USIC (CSIL) building be approved, pending receipt of the grant from the University Grants Commission on 100% basis.

Resolved further that the University Engineer be asked to limit the expenditure to Rs. 8.00 lakhs (Rupees eight lakhs only).

8) The Board of Management at its meeting held on 28-10-1991 having considered the question of sanctioning the estimate for an amount of Rs. 5.50 lakhs for the construction of first floor for M.Tech. future study over the Electronics building (East side) as against the formal approval of the University Grants Commission and pending receipt of grants from the University Grants Commission on 100% basis, i.e., Rs. 5.00 lakhs, has resolved as follows :

“Resolved that the estimate for an amount of Rs. 5.50 lakhs for the construction of first floor for M. Tech. future study over the Electronics building (east side) be approved pending receipt of grants from the University Grants Commission, on 100% basis.

Resolved further that the University Engineer be asked to limit the expenditure to Rs. 5.00 lakhs (Rupees Five lakhs only)”.

9) The Board of Management at its meeting held on 24-11-1991 having considered the letter received from Dr. K. Ravi, Reader, Dept. of Politics and Public Administration of the A.U. College of Arts and Commerce, requesting an Initial grant of Rs. 15,000/- (Rupees Fifteen thousand only) for the starting of and release of a Journal of International and Strategic Studies, has resolved as follows :

“Resolved that a Committee with the following members be constituted regarding sanctioning of initial grant of Rs. 15,000/- (Rupees Fifteen thousand only) requested by Dr. K. Ravi, for the starting and release of the Journal of International and Strategic Studies :

1. Prof. K. Venkateswarlu, Dept. of Politics and Public Administration.
2. Prof. A. Prasanna Kumar, Dept. of Politics and Public Administration.
3. Prof. R.V.R. Chandrasekhara Rao
and
4. Dr. K. Ravi.

10) The Board of Management at its meeting held on 24-11-1991 having considered the letter dt. 4-9-1991 from the Director, of the Institute for Yoga and Consciousness of Andhra University forwarding the Minutes of the Meeting of the Board of Studies of the Institute of Yoga and Consciousness held on 19-8-1991 wherein it was resolved to request the University to constitute two separate Committees to formulate the rules and regulations and syllabi (i) for starting post-Master's Programme in Consciousness Studies in the Institute and (ii) to start one year Diploma in Yoga in the Yogav village from January 1992 has resolved as follows :

“Resolved that two separate Committees to formulate rules and regulations and syllabi (i) to start Post-Master's Programme in Consciousness Studies in the Institute and (ii) to start one year Diploma in “Yoga” in the in the Yoga village from January 1992 be constituted without any financial commitment to the University.

11) The Board of Management at its meeting held on 4-1-1992 “having considered the question of approving the estimates for an amount of Rs. 5.00 lakhs (Rupees Five lakhs only) for the work relating to construction of a part of first floor for the Dept. of Mathematics pending receipt of the grants from the University Grants Commission under Cosist Programme of the VIII Plan and to permit to proceed with the construction work, has resolved as follows :

“Resolved that the estimate for an amount of Rs. 5.00 lakhs (Rupees Five lakhs only) for the construction of a part of the first floor of Mathematics Department be accepted and be permitted to Proceed with construction work pending receipt of the grants from the University Grants Commission under Cosist Programme be approved,”

12) The Board of Management at its meeting held on 4-1-1992 having considered the question of approving the estimate for an amount of Rs. 10.00 lakhs (Rupees Ten lakhs only) for the construction of buliding for a hostel for girl students of the A. U College of Engineering under development assistance during VIII Plan and to permit to proceed with the construction work pending receipt of the grants from the University Grants Commission, has resolved as follows :

“Resolved that an amount of Rs. 10. lakhs (Rupees Ten lakhs only) for the construction of a building for Engineering girl students under development assistance during VIII Plan be accepted and be permitted to Proceed with the construction work pending receipt of the grants from University Grants Commission be approved.”

13) The Board of Management at its meeting held on 4-1-1992 having considered the question of approving the estimate for an amount of Rs. 19.97 lakhs (Rupees Nineteen lakhs ninety Seven thousand only) for the work relating to the construction of first floor (part) over Statistics building for the academic use of Humanities and Sciences under VIII Plan grants of the University Grants Commission and proceed with the construction work pending receipt of the grant from the University Grants Commission, has resolved as follows :

“ Resolved that the estimate for an amount of Rs. 19.97 lakhs (Rupees Nineteen lakhs ninety seven thousand only) for the work “Construction of the first floor (part) over Statistics building” for the academic use of Humanities and Science under VIII plan U G C Grants and to Proceed with the construction work pending receipt of the grant from the UGC be approved.

14) The Board of Management at its meeting held on 4-1-1992 having considered the letter dt. 6-11-1991 received from the Government of Andhra Pradesh ; Education Department in the University was requested to give 2000 square yards of land from the University premises near Yoga village to the District Police authorities for construction of Police Officers Mess and in lieu of which the University has to resume 2000 square yards of land near the Office of the Superintendent of Police, has resolved as follows :

“Resolved that the request of the Secretary to Government Education Department, Hyderabad, to give 2000 square yards of land from the University Premises near Yoga Village to the District Police authorities for construction of Police Officers Mess in lieu of 2000 square yards of Police land near Office of Superintendent of Police (Rural) Visakhapatnam being given to the University be agreed to subject to the condition that the guest house accommodation be made available on par with Police Officers to the University guest house also when required.”

15) The Board of Management at its meeting held on 17-2--1992 having considered the question of starting Post-Graduate courses in computer Sciences in certain affiliated College has resolved as resolved as follows:

“Resolved that the question of granting affiliation in Post-graduate courses in Computer Sciences be deferred for the Present and the Vice-Chancellor be authorised to constitute a Committee to examine this issue.
Resolved further that the Vice-Chancellor be authorised to constitute feasibility committees and inspections Com.

missions as required to inspect the colleges concerned and report.”

16) The Board of Management at its meeting held on 7-3-1992, having considered the question of extending the Career Advancement scheme to the Lecturers not having substantive Posts also has resolved as follows :

“Resolved that a teacher becomes eligible under the Career Advancement Scheme by virtue of his years of experience as teacher the nature of the post, whether it is substantive or otherwise, which is only an administrative arrangement and does not affect the length of his experience, the benefits of Career Advancement Scheme be extended to all such teachers working in temporary vacancies as referred to above.”

17) The Board of Management at its meeting held on 21-6-1992 having considered the question of approving the estimate of Rs. 6.20 lakhs for the construction of weight lifting and mini gymnasium hall in South Campus by providing the same amount in the revised estimates for 1992-93 in the first instance and to request the University Grants Commission for special assistance, has resolved as follows :

“Resolved that the estimate of Rs. 6.20 lakhs (Rupees Six lakhs and twenty thousand only) for the construction of “Weight lifting and gymnasium hall in South Campus” be approved by Providing the same amount in revised estimates for 1992-93 in the first instance and the possibilities of getting grant for the same from any of the funding agencies be explored.

APPENDICES



APPENDIX A

Examination Results

Matriculation Examination (R.R.), March, 1992

S. No.	Name of the Centre	No. of Candidates Registered			No. of Candidates Passed						Grand Total
		Boys	Girls	Total	Boys			Girls			
					I	II	III	I	II	III	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Amalapuram	167	20	187	3	2	8	1	—	1	15
2.	Anakapalli (AMAL)	385	—	385	2	3	34	—	—	—	39
3.	Anakapalli (SAM)	—	98	98	—	—	—	—	1	8	9
4.	Bhimavaram (DNR)	87	—	87	—	4	10	—	—	—	14
5.	Bhimavaram (SKGRL)	—	30	30	—	—	—	—	—	1	1
6.	Bhimunipatnam	50	12	62	—	2	8	—	—	3	13
7.	Bobbili	70	16	86	—	1	3	—	—	4	8
8.	Chirala	80	28	108	2	4	10	—	1	5	22
9.	Eluru (Boys)	302	—	302	2	6	34	—	—	—	42
10.	Eluru (Women)	—	75	75	—	—	—	—	2	5	7
11.	Hyderabad (Boys)	108	—	108	2	4	8	—	—	—	14
12.	Hyderabad (Women)	—	68	68	—	—	—	1	1	4	6
13.	Jangareddigudem	35	8	43	—	—	6	—	—	—	6
14.	Kakinada (PRGC)	250	—	250	—	2	10	—	—	—	12

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
15.	Kakinada (Ideal)	257	—	257	1	4	35	—	—	—	40
16.	Kakinada (ASD)	—	210	210	—	—	—	—	1	13	14
17.	Kakinada (M.S.N. College)	152	6	158	—	2	10	—	—	1	11
18.	Kothapeta	92	6	98	—	—	3	—	—	—	3
19.	Kurnool	10	4	14	—	—	1	—	—	—	1
20.	Narasapuram (Boys)	153	—	153	—	—	5	—	—	—	5
21.	Narasapuram (Women)	—	19	19	—	—	—	—	—	5	5
22.	Narasannapeta	130	18	148	—	—	17	—	—	2	19
23.	Narasaraopeta	180	31	211	—	5	13	—	—	3	21
24.	Nidubrolu	237	30	267	—	7	20	—	1	11	39
25.	Nidadavolu	80	18	98	—	—	6	—	—	2	8
26.	Ongole (ABM)	162	20	182	—	1	13	—	—	2	16
27.	Parvathipuram	190	47	237	—	2	21	—	1	6	30
28.	Peddapuram	156	20	176	—	—	2	—	—	—	2
29.	Paderu	43	12	55	—	—	8	—	—	2	10
30.	Penugonda	21	5	26	—	—	8	—	—	2	10
31.	Rajahmundry	231	—	231	4	7	38	—	—	—	49
32.	Rajahmundry (V.T. College)	257	—	257	—	3	21	—	—	—	24
33.	Rajahmundry (SKR)	—	257	257	6	2	36	—	—	—	44
34.	Ramachandrapuram	60	46	206	4	3	15	—	1	6	32
35.	Srikakulam (Boys)	350	—	350	8	3	40	—	—	—	51
36.	Srikakulam (Women)	—	136	136	—	—	—	—	2	10	12
37.	Tadepalligudam (Boys)	43	—	43	—	—	2	—	—	—	2
38.	Tadepalligudam (Women)	—	17	17	—	—	—	—	—	—	—

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
39.	Tanuku	34	2	36	—	—	2	—	—	1	3
40.	Tekkali (Govt.)	92	38	130	4	4	25	1	1	6	41
41.	Tuni	61	14	75	—	—	4	4	—	—	4
42.	Visakhapatnam (AVN)	717	—	717	33	36	54	—	—	—	133
43.	Visakhapatnam (BVK)	—	495	495	—	—	—	42	35	72	153
44.	L.B. College (Boys)	1030	—	1030	46	47	106	—	—	—	199
45.	Visakhapatnam (Mahila Vidyapeeth)	—	305	305	—	—	—	2	8	62	72
46.	D.L.B. Kailasapuram	370	50	420	5	4	23	2	1	20	55
47.	M.A.V.P. (Gajuwaka)	396	100	496	63	24	60	6	20	23	196
48.	Gopalapatnam	220	78	298	22	14	36	13	22	18	115
49.	Visakha (BHPV)	421	63	484	25	22	40	10	18	22	137
50.	VSP (MVP Public School)	300	25	325	14	18	30	12	22	14	110
51.	Vijayawada	500	120	620	50	22	40	14	42	32	200
52.	Vizianagaram (MR High School)	351	—	351	—	6	23	—	—	—	29
53.	Vizianagaram (MR Girls)	—	135	135	—	—	—	—	—	42	42
54.	Vizianagaram (Model High School, Kaspa, Sanskrit)	445	115	560	32	40	52	2	12	40	178

Pre-University Examination

March 1992

Sl. No.	Name of the College	No. of candidates Regd.			No. of Candidates passed						Grand Total
		Boys	Girls	Total	Boys			Girls			
					I Cl.	II Cl.	III Cl.	I Cl.	II Cl.	III Cl.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Bhimavaram (D.N.R.)	194	34	228	—	4	40	—	1	12	57
2.	Chirala	92	14	106	—	7	26	—	2	3	38
3.	Eluru	244	29	273	1	17	32	—	1	3	54
4.	Kakinada	703	148	851	3	18	144	2	6	21	194
5.	Narasaraopeta	71	23	94	—	1	11	—	—	3	15
6.	Rajahmundry (Govt. Arts)	378	92	470	4	12	61	1	3	40	121
7.	Srikakulam (Govt. Arts)	210	40	250	3	20	48	1	12	38	122
8.	Vizianagaram	380	120	500	11	23	52	4	11	22	123
9.	Vijayawada	116	14	103	2	11	14	1	9	7	44

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
10.	Visakhapatnam:											
	Dr. V.S.K.	}	1900	900	2800	62	73	102	32	45	94	408
	M.P.R. Degree College											
	Gowri Degree College											
	All Saints Convent											
	C.B.M. High School											
	M.G.M. High School											
	M.D.M. High School											
	K.D.P.M. High School											

B. A. O. L., March 1992

Sl. No.	Name of the Centre	No. of candidate Regd.			No. of Candidates Passed						Grand Total
					Boys			Girls			
		Boys	Girls	Total	I Cl.	II Cl.	III Cl.	I Cl.	II Cl.	III Cl.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Bhimavaram (D.N.R.)	8	—	8	—	1	2	—	—	—	3
2.	Eluru to Kakinada	2	5	7	—	—	—	—	—	3	3
3.	Polakollu	4	1	5	1	3	—	—	—	—	4
4.	Rajahundry	17	19	36	—	—	4	—	2	1	7
5.	Tadepalligudam	5	3	8	—	—	—	—	1	1	2
6.	Tanuku	—	6	6	—	—	—	—	—	1	1
7.	Vizianagaram	15	3	18	—	—	6	—	1	1	8

P. O. L., March 1992

Sl. No.	Name of the Centre	No. of candidates Regd.			No. of Candidates Passed						Grand Total
		Boys	Girls	Total	Boys			Girls			
					I Cl.	II Cl.	III Cl.	I Cl.	II Cl.	III Cl.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Bhimavaram	1	—	—	—	—	—	—	—	—	—
2.	Eluru	3	4	7	—	—	—	—	1	—	1
3.	Kakinada	3	5	8	—	—	—	—	—	—	—
4.	Rajahmundry	4	—	4	—	—	2	—	—	—	2
5.	Tadepalligudam	—	1	1	—	—	—	—	—	—	—
6.	Tanuku	—	1	1	—	—	—	—	—	—	—
7.	Vizianagaram	14	1	15	—	—	5	—	—	—	—

B. A. Degree Examination

December 1991

Sl. No.	Name of the College	No. of candidates registered			No. of Candidates Passed						Total Passed
					Boys			Girls			
		Boys	Girls	Total	I Dn.	II Dn.	III Dn.	I Dn.	II Dn.	III Dn.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Amadalavalasa (Govt. Degree College)	9	2	11	1	1	—	—	—	—	2
2.	Amalapuram (S.K.B.R. College)	76	34	110	1	2	1	—	1	4	9
3.	Anakapalli (A.M.A.L. College)	55	9	64	—	3	1	—	—	2	6
4.	Anakapalli (S.A.M. Kalasala)	—	14	14	—	—	—	—	2	1	3
5.	Anaparthi (Anaparthi Degree College)	8	4	12	—	—	—	—	—	—	—
6.	Attili (S.V.S.S Arts & Science College)	11	7	18	—	—	1	—	—	1	2
7.	Baruva (Govt. Degree College)	28	11	39	—	—	7	—	—	1	8
8.	Bhimavaram (D.N.R. College)	8	6	14	—	—	1	—	—	—	1
9.	Bhimavaram (K.G.R. College)	36	22	58	—	2	9	—	—	4	15
10.	Bhimavaram (R.R.D.S.J. Kalasala)	3	3	6	—	—	1	—	—	3	4
11.	Bhimunipatnam (Govt. Degree College)	9	5	14	—	—	—	—	—	1	1
12.	Bobbili (Rajah R.S.R.K.R.R. College)	40	29	60	—	2	5	—	1	1	9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
13.	Chintalapudi (Govt. Degree College)	8	9	17	—	—	—	—	—	—	—
14.	Chodavaram (Govt. College)	29	12	41	—	2	10	—	1	5	18
15.	Dumpagadapa (V.V. Giri Kalasala)	4	3	7	—	—	3	—	—	2	5
16.	Eluru (Sir C.R.R. College)	22	11	33	1	2	2	—	—	2	7
17.	Eluru (Sir C.R.R. College for Women)	—	4	4	—	—	—	—	—	—	—
18.	Eluru (St. Theresa's College)	—	16	16	—	—	—	—	—	3	3
19.	Ganapavaram (S.Ch.V.P.M.R. Govt. College)	4	2	6	—	—	—	—	—	—	—
20.	Ichapuram (Govt. College)	19	—	19	—	—	1	—	—	—	1
21.	Jangareddigudem (C.S.T.S. Govt. College)	8	10	18	—	1	—	—	—	2	3
22.	Kakinada (A.S.D. College for Women)	—	44	44	—	—	—	—	2	3	5
23.	Kakinada (Ideal Degree College)	39	9	48	—	1	—	—	—	1	2
24.	Kakinada (M.S.N. Degree College)	13	15	28	—	—	—	—	—	—	—
25.	Kakinada (P.R. Govt. College)	39	28	67	—	2	2	1	—	3	8
26.	Kakinada (P.V.R. Trust Degree College)	67	12	79	—	—	—	—	3	—	3
27.	Kasibugga (S.B.S.S.Y.M. Degree College)	11	5	16	—	—	—	—	—	—	—
28.	Kothapeta (V.K.V. Govt. Degree College)	17	7	24	—	—	—	—	—	1	1
29.	Malikipuram (M.V.N.J.S. & R.V.R. College)	19	11	30	—	1	—	—	2	1	4
30.	Narasannapeta (Govt. Degree College)	15	6	21	—	—	—	—	—	—	—
31.	Narsapur (B.G.B.S. College for Women)	—	18	18	—	—	—	—	—	—	—

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
32.	Narsapur (Y.N.M. College)	34	8	42	—	—	1	—	—	—	1
33.	Narayanapuram (S.A.S.J. Govt. College)	8	7	15	—	—	—	—	—	—	—
34.	Narsipatnam	9	1	10	—	—	1	—	—	—	1
35.	Nidadavolu (Govt. College Boys)	13	—	13	—	1	1	—	—	—	2
36.	Nidadavolu (Govt. Degree College for Women)	—	13	13	—	—	—	—	—	—	—

April 1992

1.	Amadalavalasa (Govt. Degree College)	46	9	55	1	19	9	—	8	1	38
2.	Amalapuram (S.K.B.R. College)	216	108	324	6	47	33	6	13	22	127
3.	Anakapalli (A.M.A.L. College)	219	28	247	8	38	30	—	5	5	86
4.	Anakapalle (S.A.M. Kalasala)	—	72	72	—	—	—	3	25	23	51
5.	Anaparthi (Anaparthi Degree College)	43	25	68	2	9	9	—	10	4	34
6.	Attili (S.V.S.S. Arts & Science College)	40	24	64	7	8	6	2	6	3	32
7.	Baruva (Govt. Degree College)	79	28	107	—	7	22	—	3	8	40
8.	Bhimavaram (D.N.R. College)	49	30	79	—	3	1	—	4	1	9
9.	Bhimavaram (K.G.R.L. College)	174	71	245	18	29	30	6	9	17	109
10.	Bhimavaram (R.R.D.S. Govt. College)	44	31	75	—	12	18	—	7	10	47
11.	Bhimunipatnam (Govt. Degree College)	62	24	86	1	11	13	—	7	9	41
12.	Bobbili (R.S.R.K.R.R. College)	161	47	208	4	33	32	—	6	12	87
13.	Chintalapudi (Govt. Degree College)	35	16	51	—	4	13	—	2	4	23
14.	Chodavaram (Govt. College)	85	45	130	1	16	35	—	7	16	75
15.	Dumpagadapa (V.V. Giri Govt. College)	11	13	24	—	1	6	—	3	4	14

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
16.	Eluru (Sir C.R.R. College)	80	31	111	—	5	7	—	1	11	24
17.	Eluru (Sir C.R.R. College for Women)	—	46	46	—	—	—	4	21	5	30
18.	Eluru (St. Theresa's College)	—	25	25	—	—	—	—	2	5	7
19.	Ganapavaram (S.Ch.V.P.M.R. College)	16	16	32	1	5	6	1	2	3	18
20.	Ichapuram (Govt. Degree College)	53	9	62	1	14	12	—	3	2	32
21.	Jangareddigudem (C.S.T.S. Govt. College)	47	28	75	—	7	10	—	4	4	25
22.	Kakinada (A.S.D. College for Women)	—	90	90	—	—	—	3	22	21	46
23.	Kakinada (Ideal Degree College)	125	32	157	1	4	20	1	4	3	33
24.	Kakinada (M.S.N. Degree College)	66	35	101	—	7	12	—	—	6	25
25.	Kakinada (P.R. Govt. College)	157	100	257	4	19	24	3	9	26	85
26.	Kakinada (P.V.R. Trust Degree College)	70	35	105	—	4	13	—	6	14	37
27.	Kasibugga (S.B.S.Y.M. Degree College)	57	22	79	—	16	14	—	1	6	37
28.	Kothapeta (Govt. Degree College)	77	20	97	1	10	17	—	2	2	32
29.	Malikipuram (M. V. N. J. S. & R. V. R. College)	116	55	171	1	19	27	1	13	13	74
30.	Mandapeta	40	21	61	1	4	14	—	6	4	29
31.	Narasannapeta (Govt. Degree College)	208	31	239	3	18	78	—	4	9	112
32.	Narsapur (B.G.B.S. College for Women)	—	49	49	—	—	—	1	3	17	21
33.	Narsapur (Y.N.M. College)	165	36	201	2	29	30	—	8	5	74
34.	Narayanapuram (S.A.S.J. Govt. College)	40	22	62	2	6	9	—	1	7	25
35.	Narsipatnam (Govt. Degree College)	59	10	69	3	11	11	—	2	4	31
36.	Nidadavolu (Govt. Degree College) (B)	119	—	119	1	27	30	—	—	—	58
37.	Nidadavolu (Govt Degree College) (W)	—	62	62	—	—	—	—	11	13	24

B.Sc. (C.C.S.) Degree Examination

December 1991

S. No.	Part, Subject and Paper Code Number Name of the College	No. of Candidates Registered			No. of Candidates Passed						
					Boys			Girls			Total
		Boys	Girls	Total	I Class	II Class	III Class	I Class	II Class	III Class	
1	2	3	4	5	6	7	8	9	10	11	12
1.	Amalapuram (S.K.B.R. College)	80	29	109	—	2	13	—	—	6	21
2.	Anakapalle (B) (A.M.A.L. College)	70	10	80	1	3	5	—	1	3	13
3.	Anaparthi (G.B.R. Degree College)	13	2	15	—	—	1	—	—	—	1
4.	Bhimavaram (S.K.G.R.L. College)	58	9	67	—	1	2	—	—	2	5
5.	Bobbili (Rajah R.S.R.K.R.R. College)	7	8	15	—	—	1	—	—	2	3
6.	Chodavaram (Govt. College)	7	6	13	—	—	3	—	—	1	4
7.	Eluru (Sir C.R.R. Women's College)	—	10	10	—	—	—	—	—	5	5
8.	Kakinada (A.S.D College for Women)	—	15	—	—	—	—	—	—	5	5
9.	Kakinada (Ideal College of Arts, Science)	91	20	111	2	3	13	—	—	6	24
10.	Kakinada (M.S.N. Degree College)	10	4	14	—	—	—	1	—	—	1
11.	Kakinada (P.R. Govt. College)	56	17	73	1	3	5	—	—	2	11
12.	Kothapeta (V.K.V. Govt. Degree College)	1	2	3	—	—	1	—	—	1	2

1	2	3	4	5	6	7	8	9	10	11	12
13.	Malikipuram (M.V.N.J.S.M.R.V.R. Degree College)	17	8	25	—	—	2	—	—	2	4
14.	Narsapur (B.G.B.S. College for Women)	—	2	2	—	—	—	—	—	—	—
15.	Narsapur (Y.N.M. College)	41	12	63	5	2	3	2	1	1	14
16.	Narayanapuram (S.A.S.J. College)	—	2	2	—	—	—	—	—	—	—
17.	Nidadavolu (Govt. Degree College)	12	2	14	—	2	—	—	—	1	3
18.	Palakollu (Sri A.S.N.M. Govt. College)	16	5	21	—	—	1	1	1	—	3
19.	Penugonda (S.V.K.P. College)	58	4	62	—	—	8	—	—	—	8
20.	Rajahmundry (Govt. College)	114	—	114	2	3	16	—	—	—	21
21.	Rajahmundry (K.R. College for Women)	—	41	41	—	—	—	—	—	9	9
22.	Rajahmundry (V.T. College)	21	11	32	—	—	2	—	1	—	3
23.	Ramachandrapuram (V.S.M. College)	28	23	51	—	—	6	—	—	1	7
24.	Razole (Dr. V.S.K. Govt. College)	15	3	18	1	1	1	—	—	1	4
25.	Srikakulam (Govt. College)	38	—	38	—	1	2	—	—	—	3
26.	Srikakulam (Govt. College for Women)	—	14	14	—	—	—	—	—	2	2
27.	Tadepalligudem (D.R.G. Govt. College)	14	5	19	—	—	3	—	—	—	3
28.	Tanuku (S.C.I.M. Govt. College)	8	5	13	—	—	—	1	—	1	2
29.	Tekkali (Govt. College)	22	2	24	—	—	2	—	—	1	3
30.	Viravasaram (S.M.B.T.B.V. & S. N. Degree College)	17	3	20	1	1	2	—	—	1	5
31.	Visakhapatnam (Mrs. A.V.N. College)	69	26	95	1	6	4	2	—	3	16
32.	Visakhapatnam (B.V.K. Degree College)	6	3	9	—	—	1	—	1	—	2
33.	Visakhapatnam (Dr. V.S. Krishna College)	37	14	51	4	1	2	2	1	1	11
34.	Visakhapatnam (Dr. L.B. College)	13	1	14	3	2	—	—	—	—	5
35.	Visakhapatnam (V.M.C. College)	—	11	11	—	—	—	—	—	3	3
36.	Vizianagaram (M.R. College)	—	14	14	—	—	—	2	1	5	8

B.Sc. (N.S.) Degree Examinations of December, 1991

Sl. No.	Name of the College	No. of Candidates Registered			No. of Candidates Passed						Grand Total
		Boys	Girls	Total	Boys			Girls			
					I Class	II Class	III Class	I Class	II Class	III Class	
1	2	3	4	5	6	7	8	9	10	11	12
1.	Amalapuram (S.K.B.R. College)	36	3	39	—	—	5	—	—	1	6
2.	Anakapalle (B) (A.M.A.L. College)	72	7	79	—	—	11	—	—	2	13
3.	Anaparthi (G.B.R. Degree College)	4	—	4	—	—	—	—	—	—	—
4.	Bhimavaram (D.N.R. College)	78	7	85	1	10	7	—	—	2	20
5.	Bhimavaram (S.K.G.R.L. College)	16	3	19	—	2	1	—	—	—	3
6.	Bobbili(R.R.S.R.K.R.R. College)	9	1	10	—	1	—	—	—	—	1
7.	Chodavaram (Govt. College)	2	1	3	—	—	2	—	—	—	2
8.	Eluru (Sir C.R.R. Women's College)	34	12	46	2	—	3	—	—	3	8
9.	Kakinada (A.S.D. College for Women)	—	3	3	—	—	—	—	—	—	—
10.	Kakinada (Ideal College of Arts and Science)	53	2	55	2	8	6	—	2	3	21
11.	Kakinada (M.S.N. Degree College)	3	—	3	—	—	2	—	—	—	2
12.	Kakinada (P.R. Govt. College)	31	2	33	—	—	4	—	—	—	4
13.	Kothapeta (V.K.V. Govt. Degree College)	2	1	3	—	—	—	—	—	—	—
14.	Malikipuram (M.V.N.J.S. M.R.V.R. Degree College)	11	1	12	—	—	1	—	—	1	2

1	2	3	4	5	6	7	8	9	10	11	12
15.	Narasaraopeta (S.S.N. College)	9	1	10	—	—	3	—	—	—	3
16.	Narasapur (Y.N.M. College)	21	2	23	—	—	4	—	—	2	6
17.	Narayanapuram (S.A.S.J. College)	7	1	8	—	—	—	—	—	1	1
18.	Nidadavolu (Govt. Degree College)	5	1	6	—	—	2	—	—	—	2
19.	Palakollu (Sri A.S.N.M. Govt. College)	15	1	16	—	—	2	—	—	—	2
20.	Peddapuram (M R. College)	17	1	18	—	—	1	—	—	—	1
21.	Penugonda (S.V.K.P. College)	58	4	62	—	—	8	—	—	—	8
22.	Rajahmundry (Govt. College)	72	—	72	—	—	5	—	—	—	5
23.	Rajahmundry (K.R. College for Women)	—	13	13	—	—	—	—	—	2	2
24.	Rajahmundry (V.T. College)	20	2	22	—	—	5	—	—	1	6
25.	Ramachandrapuram (V.S.M. College)	28	1	29	—	—	2	—	—	—	2
26.	Razole (Dr. V.S.K. Govt. College)	6	1	7	—	—	—	—	—	—	—
27.	Sreeramnagar (S.D.S. College)	4	1	5	—	—	1	—	—	—	1
28.	Srikakulam (Govt. College)	30	—	30	—	1	1	—	—	—	2
29.	Srikakulam (Govt. College for Women)	—	5	5	—	—	—	—	—	2	2
30.	Tadepalligudem (D.R.G. Govt. College)	15	1	16	—	—	—	—	—	—	—
31.	Tanuku (S.C.I.M. Govt. College)	20	—	20	—	—	3	—	—	—	3
32.	Tekkali (Govt. College)	11	1	12	—	—	1	—	—	—	1
33.	Veeravasaram (S.M.B.T.A.V & S.N. Degree College)	10	3	13	—	—	2	—	—	—	2

1	2	3	4	5	6	7	8	9	10	11	12
34.	Visakhapatnam (Mrs. A.V.N. College)	33	14	47	—	—	7	—	—	4	11
35.	Visakhapatnam (B.V.K. Degree College)	12	3	15	—	—	2	—	—	1	3
36.	Visakhapatnam (Dr. V.S.K. College)	41	9	50	1	—	6	—	—	2	9
37.	Visakhapatnam (V.M.C. College)	2	—	2	—	1	—	—	—	—	1
38.	Vizianagaram (M.R. College) (Boys)	41	—	41	—	—	4	—	—	—	4
39.	Vizianagaram (M.R. College for Women)	—	7	7	—	—	—	—	—	1	1
40.	Chirala (V.R.S. & Y.N.R. College)	13	—	13	—	—	7	—	—	—	7
41.	Vijayawada (Satavahana College)	13	2	15	—	—	1	—	—	—	1
42.	School of C.C.	14	—	14	1	—	—	—	—	—	1

B.Sc. (C.C.S.) Degree Examinations Results – April, 1992

S. No.	Name of the Centre	No. of candidates Registered			No. of Candidates Passed						Grand Total
					Boys			Girls			
		Boys	Girls	Total	I Class	II Class	III Class	I Class	II Class	III Class	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Amalapuram (S.K.B.R. College)	251	80	331	59	33	7	19	12	5	135
2.	Anakapalli (A.M.A.L. College)	271	36	307	60	32	9	20	5	—	126
3.	Anaparthi (G.B.R. Degree College)	87	20	107	15	17	1	5	4	—	42
4.	Bhimavaram (S.K.G.R.L. College)	179	27	206	27	19	1	11	1	—	59
5.	Bobbili (R.R.S.R.K.R.R. College)	38	16	54	3	5	1	2	4	1	16
6.	Chodavaram (Govt. College)	26	23	49	6	4	1	5	4	1	21
7.	Eluru (Sir C.R.R. Women's College)	—	64	64	—	—	—	23	23	3	49
8.	Ganapavaram (S.Ch.V.P.M.R. College)	3	10	13	2	2	—	1	—	—	5
9.	Kakinada (A.S.D. College for Women)	—	59	59	—	—	—	22	12	5	39
10.	Kakinada (Ideal Degree College)	272	88	360	33	33	2	34	14	—	116
11.	Kakinada (M.S.N. Degree College)	33	26	59	6	8	6	7	6	2	35
12.	Kakinada (P.R. Govt. College)	164	60	219	26	15	6	27	9	2	85
13.	Kothapeta (V.K.V. Govt. Degree College)	18	13	31	—	2	1	—	3	—	6

1	2	3	4	5	6	7	8	9	10	11	12
14.	Malikipuram (M.V.N.J.S. & M.R.V.R. Degree College)	72	18	90	11	9	2	2	1	—	25
15.	Mandapeta (Govt. Degree College)	53	20	73	5	5	1	6	4	—	21
16.	Narsapur (B.G.B.S. College for Woman)	—	18	18	—	—	—	8	3	—	11
17.	Narsapur (Y.N.M. College)	182	36	218	38	32	6	11	5	1	93
18.	Narayanapuram (S.A.S.J. College)	16	7	23	2	3	—	4	—	—	9
19.	Nidadavolu (Govt. Degree College)	33	21	54	2	4	2	4	6	—	18
20.	Palakollu (Sri A.S.N.M. Govt. College)	49	27	76	9	8	7	7	4	3	38
21.	Penugonda (S.V.K.P. College)	42	25	67	23	22	3	7	5	3	63
22.	Rajahmundry (Govt. College)	399	—	399	60	50	17	—	—	—	127
23.	Rajahmundry (K.R. College for Women)	—	203	203	—	—	—	57	37	7	101
24.	Rajahmundry (V.T. College)	77	37	114	22	9	1	18	5	2	57
25.	Ramachandrapuram (V.S.M. College)	134	60	194	19	20	4	20	10	2	55
26.	Razole (Dr. V.S.K. Govt. College)	35	21	56	3	8	2	5	9	6	33
27.	Srikakulam (Govt. College)	134	—	134	30	14	1	—	—	—	45
28.	Srikakulam (Govt. College for Women)	—	57	57	—	—	—	20	9	2	31
29.	Tanuku (S.C.I.M. Govt. College)	74	28	102	22	11	1	8	8	—	50
30.	Tanuku (S.K.S.D. Mahila Kalasala)	—	19	19	—	—	—	10	6	—	16
31.	Tekkali (Govt. College)	53	9	62	4	16	7	3	3	1	34
32.	Veeravasaram (S.M.B.T.A.V. & S.N. Degree College)	74	14	88	17	9	2	6	1	1	36
33.	Visakhapatnam (Gayatri Vidya Parishad Degree College)	93	34	127	25	20	10	12	4	1	72
34.	Visakhapatnam (Mrs. A.V.N. College)	172	68	240	41	22	13	28	20	3	127
35.	Visakhapatnam (B.V.K. Degree College)	18	45	63	7	1	2	29	7	1	47

1	2	3	4	5	6	7	8	9	10	11	12
36.	Visakhapatnam (Dr. V.S.K. College)	94	54	148	17	14	2	34	6	1	74
37.	Visakhapatnam (Dr. L.B. College)	40	21	61	9	7	2	6	7	—	31
38.	Visakhapatnam (V.M.C. College)	—	73	73	—	—	—	12	12	—	24
39.	Vijayanagaram (M.R. College for Women)	—	94	94	—	—	—	40	22	1	63
Home Science											
1.	Kakinada (A.S.D. College)	—	11	11	—	—	—	7	3	—	10

B.Com. (CCS) Degree Examination

December 1991

Sl. No.	Name of the College	No. of candidates Registered			No. of Candidates Passed						Total
		Boys	Girls	Total	Boys			Girls			
					I Dn.	II Dn.	III Dn.	I Dn.	II Dn.	III Dn.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Amadalavalasa (Govt. Degree College)	14	6	20	0	1	1	0	4	2	8
2.	Amalapuram (S.K.B.R. College)	56	14	70	0	0	1	0	16	7	24
3.	Anakapalle (B) (A.M.A.L. College)	34	2	36	0	0	0	0	11	1	12
4.	Anakapalle (W) (S.A.M. Kalasala)	0	5	5	0	0	0	0	0	4	4
5.	Anaparthi (G.B.R. Degree College)	13	3	16	0	0	3	0	5	1	9

1	2	3	5	4	6	7	8	9	10	11	12
6.	Attili (S.V.S.S. Arts & Science College)	5	1	6	0	0	0	0	2	0	2
7.	Baruva (Govt. Degree College)	8	3	11	0	0	0	0	4	1	5
8.	Bhimavaram (D.N.R. College)	2	1	3	0	0	1	0	0	0	1
9.	Bhimavaram (S.K.G.R.L. College)	8	6	14	0	0	0	0	1	4	5
10.	Bhimavaram (S.R.R.R.D.S.J.K.)	0	3	3	0	0	0	0	0	1	1
11.	Bhimunipatnam (Govt. Degree College)	7	3	10	0	0	0	0	0	1	1
12.	Bobbili (Rajah R.S.R.K.R.R. College)	14	5	19	0	0	1	0	4	2	7
13.	Chintalapudi (Govt. Degree College)	3	3	6	0	0	0	0	1	0	1
14.	Chodavaram (Govt. Degree College)	13	4	17	0	0	0	1	4	3	8
15.	Dumpagadapa (V.V. Giri Kalasala)	6	2	8	0	0	0	0	4	2	6
16.	Eluru (Sir C.R.R. College)	17	12	29	0	0	1	1	2	6	10
17.	Eluru (Sir C.R.R. Women's College)	0	9	9	0	0	0	0	0	5	5
18.	Eluru (St. Theresa's College)	0	5	5	0	0	0	0	0	0	0
19.	Ganapavaram (S.Ch.V.P.M.R. College)	5	3	8	0	0	0	0	4	3	7
20.	Ichapuram (Govt. Degree College)	14	3	17	0	0	0	0	2	0	2
21.	Jangareddigudem (C.S.T.S. Kalasala)	8	4	12	0	0	0	0	1	2	3
22.	Kakinada (Ideal Degree College)	64	12	76	0	0	0	0	15	6	21

1	2	3	4	5	6	7	8	9	10	11	12
23.	Kakinada (M.S.N. Degree College)	13	11	24	0	0	0	0	3	5	8
24.	Kakinada (P.R. Govt. College)	24	11	35	0	0	1	0	7	4	12
25.	Kakinada (P.V.R. Trust College)	35	14	49	0	1	1	1	8	7	18
26.	Kasibugga (S.B.S.Y.M. Degree College)	5	1	6	0	0	0	0	1	1	2
27.	Kothapeta (V.K.V. Govt. Degree College)	17	6	23	0	0	0	0	6	2	8
28.	Malikipuram (M.V.N.J.S. & R.V.R. Degree College)	11	3	14	0	0	0	0	5	3	8
29.	Narasannapeta (Govt. Degree College)	12	2	14	0	0	0	1	3	1	5
30.	Narasapur (Y.N.M. College)	26	8	34	0	0	0	1	5	1	7
31.	Narayanapuram (S.A.S.J. College)	7	1	8	0	0	0	0	1	0	1
32.	Narisipatnam (Govt. Degree College)	9	1	10	0	0	0	0	3	1	4
33.	Nidadavolu (Govt. Degree College)	40	0	40	0	0	0	0	24	0	24
34.	Nidadavolu (Govt. Degree College for Women)	0	13	13	0	0	0	1	0	6	7
35.	Paderu (Govt. Degree College)	0	1	1	0	0	0	0	0	1	1
36.	Palakole (A.S.N.M. Govt. Degree College)	20	1	21	0	0	1	0	9	0	10
37.	Palakole (D.N.R. College for Women)	0	6	6	0	0	0	0	0	2	2
38.	Palakonda (Govt. Degree College)	9	0	9	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
39.	Parvathipuram (S.V. Degree College)	15	6	21	0	0	0	0	8	5	13
40.	Penugonda (S.V.K.P. & Dr. K. S. Raju Arts & Science College)	11	2	13	0	0	0	1	4	0	5
41.	Rajahmundry (Govt. College)	33	0	33	0	0	1	0	8	0	9
42.	Rajahmundry (K.R. College for Women)	0	54	54	0	1	0	4	0	26	31
43.	Rajahmundry(V.T. College)	88	25	113	1	0	2	1	22	9	35
44.	Ramachandrapuram (V.S.M. College)	13	5	18	0	0	1	1	2	2	6
45.	Rampachodavaram (Govt. Degree College)	4	0	4	0	0	0	0	0	0	0
46.	Ravulapalem (Govt. Degree College)	12	9	21	0	0	0	0	5	5	10
47.	Razole (Dr. V.S.K. Govt. Degree College)	16	3	19	0	0	1	0	2	1	4
48.	Salur (Govt. Degree College)	26	2	28	0	0	0	0	11	1	12
49.	Seethanagaram (Govt. Degree College)	7	2	9	0	0	1	0	3	1	5
50.	Sreeramnagar (S.D.S. College)	0	1	1	0	0	0	0	0	0	0
51.	Srikakulam (B) (Govt. Degree College)	57	1	58	0	0	0	0	24	1	25
52.	Srikakulam (Govt. Degree College for Women)	0	18	18	0	0	0	0	0	3	3
53.	Srungavarapukota (Govt. Degree College)	26	3	29	0	0	1	0	9	0	10

1	2	3	4	5	6	7	8	9	10	11	12
54.	Tadepalligudem (B) (D.R.G. Govt. College)	21	2	23	0	0	0	0	9	2	11
55.	Tadepalligudem (D.R.G. College for Women)	0	4	4	0	0	0	0	0	1	1
56.	Tanuku (S.C.I.M. Govt. Degree College)	43	12	55	0	0	1	1	11	5	18
57.	Tanuku (S.K.S.D. Mahila Kalasala)	0	9	9	0	0	0	1	0	8	9
58.	Tekkali (Govt. Degree College)	21	2	23	0	0	0	0	12	2	14
59.	Tuni (Govt. Degree College)	21	8	29	0	0	0	0	7	4	11
60.	Viravasaram (S.M.B.T.A.V. & S.N. Degree College)	12	2	14	0	0	0	0	2	0	2
61.	Visakhapatnam (Mrs. A.V.N. College)	74	15	89	1	0	1	2	14	2	20
62.	Visakhapatnam (Dr. L.B. College)	45	32	77	0	0	0	1	5	5	11
63.	Visakhapatnam (Dr. V.S.K. College)	27	9	36	0	0	0	1	13	5	19
64.	Visakhapatnam (Visakha Women's College)	0	22	22	0	0	0	0	0	8	8
65.	Visakhapatnam (B.V.K. College)	8	28	36	0	0	1	2	2	13	18
66.	Visakhapatnam (V.M.C. Mahila Vidhya Peeth)	0	31	31	0	0	0	1	0	15	16
67.	Vizianagaram (M.R. College)	10	0	10	0	0	1	0	2	0	3

1	2	3	4	5	6	7	8	9	10	11	12
68.	Vizianagaram (M.R. College for Women)	0	20	20	0	1	0	0	0	10	11
69.	Yalamanchili (Govt. Degree College)	12	1	13	0	0	0	0	3	0	3
1.	Amalapuram (S.K.B.R. College)	1	0	1	0	0	0	0	0	0	0
2.	Anakapalle (S.A.M. Kalasala)	0	1	1	0	0	0	0	0	1	1
3.	Anaparti (G.B.R. Degree College)	0	1	1	0	0	0	0	0	0	0
4.	Bhimunipatnam (Govt. Degree College)	1	0	1	0	0	0	0	1	0	1
5.	Bobbili (Rajah R.S.R.K.R.R. College)	0	0	0	0	0	0	0	0	0	0
6.	Chodavaram (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
7.	Jangareddigudem (C.S.T.S. Kalasala)	0	1	1	0	0	0	0	0	0	0
8.	Kakinada (Ideal College)	2	0	2	0	0	0	0	1	0	1
9.	Kakinada (M.S.N. College)	0	1	1	0	0	0	0	0	0	0
10.	Kakinada (P.R. Govt. College)	2	0	2	0	0	1	0	0	0	0
11.	Kakinada (P.V.R. Trust Degree College)	1	0	1	0	0	0	0	0	0	0
12.	Narsapur (Y.N.M. College)	1	1	2	0	0	0	0	0	0	0
13.	Narasapur (B.G.B.S. College for Women)	0	0	0	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
14.	Nidadavolu (Govt. Degree College)	1	0	1	0	0	1	0	0	0	1
15.	Rajahmundry (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
16.	Rajahmundry (K.R. College for Women)	0	1	1	0	0	0	0	0	0	0
17.	Rajahmundry (V.T. College)	1	0	1	0	0	0	0	1	0	0
18.	Ramachandrapuram (V.S.M. College)	2	0	2	0	0	0	0	1	0	1
19.	Salur (Govt. Degree College)	2	0	2	0	0	0	0	0	0	0
20.	Seethanagaram (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
21.	Srungavarapukota (Govt. Degree College)	1	0	1	0	0	0	0	1	0	1
22.	Tanuku, SCIM Govt. College	4	0	4	0	0	0	0	1	0	1
23.	Tuni (Govt. Degree College)	0	1	1	0	0	0	0	1	0	1
24.	Veeravasaram (S.M.B.T.A.V. & S.N. Degree College)	2	0	2	0	0	0	0	0	0	0
25.	Visakhapatnam (Mrs. A.V.N. College)	6	0	6	0	0	0	0	1	0	1
26.	Visakhapatnam (Dr. L.B. College)	3	0	3	0	0	0	0	1	0	1
27.	Visakhapatnam (B.V.K. Degree College)	0	2	2	0	0	0	0	0		1
28.	Vizianagaram (M.R. College)	0	0	0	0	0	0	0	0	0	0
29.	Vizianagaram (M.R. College for Women)	0	2	2	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
1.	Amadalavalasa (Govt. Degree College)	50	14	64	3	3	5	2	4	2	19
3.	Amalapuram, S.K.B.R. College	223	64	287	44	13	52	20	27	7	163
4.	Anakapalli, A.M.A.L. College	165	4	169	20	0	40	1	30	1	92
5.	Anakapalli, (S.A.M. Kalasala)	0	58	58	0	15	0	26	0	5	46
6.	Anaparti (G.B.R. Degree College)	37	10	47	3	2	14	0	9	2	30
7.	Attili (S.V.S.S. Arts & Science College)	41	6	47	3	1	8	1	7	1	21
8.	Baruva (Govt. Degree College)	39	6	45	4	0	6	2	3	1	16
9.	Bhimavaram (D.N.R. College)	3	1	4	0	0	0	0	2	1	3
10.	Bhimavaram (S.K.G.R.L. College)	53	22	75	11	4	19	7	10	2	53
11.	Bhimavaram (S.R.R.R..D.S.J. Kalasala)	34	14	48	2	0	13	6	8	2	31
13.	Bhimunipatnam (Govt. Degree College)	50	10	60	4	1	14	4	12	3	38
14.	Bobbili, R.S.R.K.R.R. (Rajah College)	57	12	69	6	2	17	4	9	5	43
15.	Chintalapudi (Govt. Degree College)	20	13	33	1	1	9	3	3	3	20
16.	Chodavaram (Govt. College)	69	15	84	14	4	13	2	7	2	42
17.	Dumpagadapa (V.V. Giri Kalasala)	17	10	27	5	1	7	1	0	0	14
18.	Eluru (Sir C.R.R. Boys College)	30	40	70	1	5	3	8	9	5	31

1	2	3	4	5	6	7	8	9	10	11	12
19.	Eluru (Sir C.R.R. Women's College)	0	81	82	0	19	0	42	0	7	68
20.	Eluru (St. Theresa's College)	0	6	6	0	0	0	1	0	1	2
21.	Ganapavaram (S.Ch.V.P.M. College)	22	6	28	5	1	6	0	3	1	16
23.	Itchapuram (Govt. Degree College)	40	10	50	2	1	14	3	9	2	31
24.	Jangareddigudem (C.S.T.S. Kalasala)	42	26	68	6	4	9	5	6	3	33
26.	Kakinada (Ideal Degree College)	187	31	218	9	1	28	5	25	4	72
27.	Kakinada (M.S.N. Degree College)	48	34	82	2	7	17	11	14	9	60
28.	Kakinada (P.R. Govt. College)	127	83	210	10	9	32	17	18	16	102
29.	Kakinada (P.V.R. Trust College)	178	98	276	5	8	59	45	47	24	188
31.	Kasibugga (S.B.S.Y.M. Degree College)	40	5	45	11	3	10	1	8	1	34
32.	Kothapeta (V.K.V. Govt. Degree College)	59	15	74	2	0	11	0	11	7	31
33.	Malikipuram (M.V.N.J.S. & R.V.R. Degree College)	60	10	70	10	3	16	6	15	0	50
34.	Mandapeta (Govt. Degree College)	43	19	62	1	1	9	1	3	6	21
37.	Narasannapeta (Govt. Degree College)	58	10	68	9	2	9	1	11	1	33
38.	Narasapur (B.G.B.S. College for Women)	0	10	10	0	4	0	1	0	0	5
39.	Narasapur (Y.N.M. College)	109	34	143	6	1	19	5	34	12	77

1	2	3	4	5	6	7	8	9	10	11	12
40.	Narayanapuram (S.A.S.J. College)	49	10	59	5	2	11	2	9	3	32
41.	Narisipatnam (Govt. Degree College)	46	6	52	7	1	11	2	7	3	31
42.	Nidadavolu (Govt. Degree College for Boys)	86	0	86	8	0	21	0	24	0	53
43.	Nidadavolu (Govt. Degree College for Women)	0	55	55	0	4	0	23	0	16	43
44.	Paderu (Govt. Degree College)	6	4	10	0	0	3	3	1	1	8
45.	Palakole (A.S.N.M. Govt. Degree College)	72	3	75	11	1	16	0	10	1	39
46.	Palakole (D.N.R. Women's College)	0	57	57	0	8	0	20	0	13	41
47.	Palakonda (Govt. Degree College)	40	16	56	5	4	11	5	3	2	30
48.	Parvathipuram (S.V. Degree College)	68	10	78	7	3	24	4	8	0	46
49.	Peddapuram (M.R. College)	2	1	3	0	0	0	0	1	0	1
50.	Penugonda (S.V.K.P. & Dr. K.S. Raju Arts & Science College)	74	17	91	12	4	14	5	10	0	45
51.	Rajahmundry (Govt. Degree College)	152	2	154	33	0	41	1	30	0	105
53.	Rajahmundry (S.K.R. College for Women)	0	181	181	0	19	0	49	0	42	110
54.	Rajahmundry (S.K.V.T. College)	358	104	462	53	25	61	22	37	13	211
55.	Ramachandrapuram (V.S.M. College)	77	20	97	12	4	24	8	14	4	66

1	2	3	4	5	6	7	8	9	10	11	12
56.	Rampachodavaram (Govt. Degree College)	24	6	30	1	0	4	2	8	1	16
57.	Ravulapalem (Govt. Degree College)	39	19	58	4	3	16	5	7	5	40
58.	Razole (Dr. V.S.K. Govt. Degree College)	44	17	61	10	1	5	7	7	3	33
59.	Salur (Govt. Degree College)	75	6	81	3	0	17	1	18	0	39
60.	Seethanagaram (Govt Degree College)	35	7	42	8	0	12	1	8	3	32
61.	Sreeramnagar (S.D.S. College)	2	3	5	0	0	0	0	0	1	1
62.	Srikakulam (Govt. Degree College for Boys)	154	3	157	12	0	43	2	23	0	80
63.	Srikakulam (Govt. Degree College for Women)	0	81	81	0	14	0	15	0	6	35
64.	Srungavarapukota, Govt. Degree College	64	13	77	3	1	12	5	6	4	31
65.	Tadepalligudem (D.R.G. Govt. College)	66	18	84	13	4	17	4	18	6	62
66.	Tadepalligudem (D.R.G. Women's College)	0	47	47	0	5	0	21	0	5	31
67.	Tanuku (S. C. I. M. Govt. Degree College)	154	30	184	36	9	35	6	38	7	131
68.	Tanuku (S.K.S.D. Mahila Kalasala)	0	42	42	0	8	0	17	0	8	33
69.	Tekkali (Govt. Degree College)	58	5	63	3	1	11	0	5	0	20
70.	Tuni (Govt. Degree College)	63	30	93	7	4	17	6	14	8	56

1	2	3	4	5	6	7	8	9	10	11	12
71.	Viravasaram (S.M.B.T.A.V. & S.N. Degree College)	28	6	34	0	1	6	4	5	0	16
72.	Visakhapatnam (Mrs. A.V.N. College)	398	145	543	26	18	86	37	100	35	302
74.	Visakhapatnam (B. V. K. Degree College)	69	148	217	18	53	21	39	12	16	159
75.	Visakhapatnam, (Dr. L.B. College)	295	148	443	32	21	71	39	57	32	252
76.	Visakhapatnam (Dr. V.S.K. College)	94	46	140	15	9	30	22	22	11	109
78.	Visakhapatnam (G.V.P. Degree College)	54	22	76	6	3	27	13	10	4	63
85.	Visakhapatnam (Visakha Women's College)	0	82	82	0	8	0	15	0	16	39
87.	Visakhapatnam (V.M.C. Mahila Vidya Peeth)	0	118	118	0	19	0	31	0	27	77
88.	Vizianagaram (M.R. College for Boys)	27	1	28	5	0	7	1	5	0	18
89.	Vizianagaram (M.R. College for Women)	0	85	85	0	20	0	33	0	5	58
90.	Yelamanchili (Govt. Degree College)	41	23	64	0	5	7	1	7	1	21
6.	Anaparthi (G.B.R. Degree College)	0	1	1	0	0	0	0	0	0	0
18.	Eluru (Sir C.R.R. Boys College)	0	4	4	0	0	0	2	0	0	2

1	2	3	4	5	6	7	8	9	10	11	12
23.	Itchapuram (Govt. Degree College)	1	0	1	0	0	0	0	1	0	1
26.	Kakinada (Ideal Degree College)	0	2	2	0	0	0	0	0	1	1
37.	Narasannapeta (Govt. Degree College)	1	0	1	0	0	0	0	1	0	1
47.	Palakonda (Govt. Degree College)	0	0	0	0	0	0	0	0	0	0
51.	Rajahmundry (Govt. Degree College)	0	0	0	0	0	0	0	0	0	0
53.	Rajahmundry (S.K.R College for Women)	0	1	1	0	0	0	0	0	0	0
54.	Rajahmundry (S.K.V.T College)	2	0	2	1	0	0	0	0	0	1
60.	Seethanagaram (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
62.	Srikakulam (Govt. Degree College for Boys)	1	0	1	0	0	0	0	0	0	0
67.	Tanuku (S.C.I.M. Govt. Degree College)	0	0	0	0	0	0	0	0	0	0
69.	Tekkali (Govt. Degree College)	1	0	1	0	0	0	0	1	0	1
70.	Tuni (Govt. Degree College)	0	0	0	0	0	0	0	0	0	0
78.	Visakhapatnam (G.V.P. Degree College)	5	0	5	0	0	0	0	0	0	0
72.	Visakhapatnam (Mrs. A.V.N. College)	5	2	7	0	0	2	0	2	2	6
75.	Visakhapatnam (Dr. L.B. College)	7	2	9	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
76.	Visakhapatnam (Dr. V.S. Krishna College)	1	0	1	0	0 *	0	0	0	0	0
74.	Visakhapatnam (B.V.K. Degree College)	1	5	6	0	0	0	0	0	0	0
87.	Visakhapatnam (V.M.C. Mahila Vidhya Peeth)	0	1	1	0	0	0	0	0	0	0
89.	Vizianagaram (M.R. College for Women)	0	7	7	0	0	0	0	0	3	3
1.	Amadalavalasa (Govt. Degree College)	0	0	0	0	0	0	0	0	0	0
3.	Amalapuram (S.K.B.R. College)	5	0	5	0	0	0	0	0	0	0
4.	Anakapalle (A.M.A.L. College)	7	0	7	0	0	0	0	0	0	0
5.	Anakapalle (S.A.M. Kalasala)	0	1	1	0	0	0	0	0	0	0
9.	Bhimavaram (D.N.R. College)	2	0	2	0	0	0	0	0	0	0
11.	Bhimavaram (S.R.R.R.D.S.J. Kalasala)	1	0	1	0	0	0	0	0	0	0
14.	Bobbili (Rajah R.S.R K.R.R. College)	1	0	1	0	0	0	0	0	0	0
16.	Chodavaram (Govt. Degree College)	5	0	5	0	0	0	0	0	0	0
18.	Eluru (Sir C.R.R. Boys College)	13	2	15	0	0	0	0	0	0	0
20.	Eluru (St. Theresa's College)	0	1	1	0	0	0	0	0	0	0
23.	Itchapuram (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
26.	Kakinada (Ideal Degree College)	1	0	1	9	0	0	0	0	0	0
27.	Kakinada (M.S.N. Degree College)	1	0	1	0	0	0	0	0	0	0
28.	Kakinada (P.R. Govt. College)	1	0	1	0	9	0	0	0	0	0
29.	Kakinada (P.V.R. Trust College)	0	1	1	0	0	0	0	0	0	0
32.	Kothapeta (V.K.V. Govt. Degree College)	1	1	2	0	0	0	0	0	0	0
37.	Narasannapeta (Govt. Degree College)	5	0	5	0	0	0	0	0	0	0
39.	Narasapur (Y.N.M. College)	1	0	1	0	0	0	0	0	0	0
40.	Narayanapuram (S.A.S.J College)	1	0	1	0	0	0	0	0	0	0
41.	Narsipatnam (Govt. Degree College)	3	0	3	0	0	0	0	0	0	0
42.	Nidadavolu (Govt. Degree College for Boys)	2	0	2	0	0	0	0	0	0	0
43.	Nidadavolu (Govt. Degree College for Women)	0	2	2	0	0	0	0	0	0	0
44.	Paderu (Govt. Degree College)	2	0	2	0	0	0	0	0	0	0
45.	Palakole (A.S.N.M. Govt. Degree College)	5	0	5	0	0	0	0	0	0	0
47.	Palakonda (Govt. Degree College)	3	0	3	0	0	0	0	0	0	0
48.	Parvathipuram (S.V. Degree College)	4	0	4	0	0	0	0	0	0	0
49.	Peddapuram (M.R. College)	5	1	6	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
51.	Rajahmundry (Govt. Degree College)	9	0	9	0	0	0	0	0	0	0
53.	Rajahmundry (S.K.R. College for Women)	0	4	4	0	0	0	0	0	0	0
54.	Rajahmundry (S.K.V.T. College)	5	0	5	0	0	0	0	0	0	0
55.	Ramachandrapuram (V.S.M. College)	1	0	1	0	0	0	0	0	0	0
56.	Rampachodavaram (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
59.	Salur, Govt. Degree College	3	0	3	0	0	0	0	0	0	0
61.	Sreeramnagar (S.D.S. College)	4	0	4	0	0	0	0	0	0	0
62.	Srikakulam (Govt. Degree College for Boys)	7	1	8	0	0	0	0	0	0	0
63.	Srikakulam (Govt. Degree College for Women)	0	0	0	0	0	0	0	0	0	0
64.	Srungavarapukota (Govt. Degree College)	2	0	2	0	0	0	0	0	0	0
65.	Tadepalligudem (D.R.G. Govt. College)	1	0	1	0	0	0	0	0	0	0
67.	Tanuku (S.C.I.M. Govt. Degree College)	3	0	3	0	0	0	0	0	0	0
69.	Tekkali (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
72.	Visakhapatnam (Mrs. A.V.N. College)	15	2	17	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
74.	Visakhapatnam (B.V.K. Degree College)	1	3	4	0	0	0	0	0	0	0
75.	Visakhapatnam (Dr. L.B. College)	4	1	5	0	0	0	0	0	0	0
76.	Visakhapatnam (Dr. V.S.K. College)	4	0	4	0	0	0	0	0	0	0
85.	Visakhapatnam (Visakha Women's College)	0	2	2	0	0	0	0	0	0	0
87.	Visakhapatnam (V.M.C. Mahila Vidyapeeth)	0	1	1	0	0	0	0	0	0	0
88.	Vizianagaram (M.R. College for Boys)	6	0	6	0	0	0	0	0	0	0
89.	Vizianagaram (M.R. College for Women)	0	2	2	0	0	0	0	0	0	0
18.	Eluru (Sir C.R.R. Boys College)	1	0	1	0	0	0	0	0	0	0
21.	Ganapavaram (S.Ch.V.P.M. College)	0	1	1	0	0	0	0	0	1	1
29.	Kakinada (P.V.R. Trust College)	1	0	1	0	0	0	0	0	0	0
47.	Palakonda (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
54.	Rajahmundry (S.K.V.T. College)	1	0	1	0	0	0	0	0	0	0
69.	Tekkali (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
74.	Visakhapatnam (B.V.K. Degree College)	0	1	1	0	0	0	0	0	0	0
18.	Eluru (Sir C.R.R. Boys College)	3	0	3	0	0	0	0	0	0	0
26.	Kakidada (Ideal Degree College)	2	0	2	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12
27.	Kakinada (M.S.N. Degree College)	1	0	1	0	0	0	0	0	0	0
32.	Kothapeta (V.K.V. Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
66.	Tadepalligudem (D.R.G. Women's College)	0	1	1	0	0	0	0	0	0	0
69.	Tekkali (Govt. Degree College)	1	0	1	0	0	0	0	0	0	0
74.	Visakhapatnam (B.V.K. Degree College)	0	1	1	0	0	0	0	0	0	0
75.	Visakhapatnam (Dr. L. Bullayya College)	7	2	9	0	0	0	0	0	0	0
85.	Visakhapatnam (Visakha Women's College)	0	0	0	0	0	0	0	0	0	0
85.	Vizianagaram (M.R. College for Boys)	1	0	1	0	0	0	0	0	0	0
9.	Bhimavaram (D.N.R. College)	1	0	1	0	0	0	0	0	0	0
14.	Bobbili (Rajah R.S.R.K.R.R. College)	0	1	1	0	0	0	0	0	0	0
18.	Eluru (Sir C.R.R. Boys College)	1	0	1	0	0	0	0	0	0	0
26.	Kakinada (Ideal Degree College)	0	0	0	0	0	0	0	0	0	0
42.	Nidadavolu (Govt. Degree College for Boys)	1	0	1	0	0	0	0	0	0	0
75.	Visakhapatnam (Dr. L. Bullayya College)	3	3	6	0	0	0	0	0	0	0

BIII(1) Statistics of 1991

	Appeared		Passed	
	Boys	Girls	Boys	Girls
Public Administration	490	240	391	143
English Language & Literature :				
Private	123	177	58	60
Regular	54	38	49	38
Anthropology	10	2	8	2
Applied Economics	21	6	21	6
Space Physics	3	2	3	2
Physics	53	28	52	26
Applied Mathematics	27	11	25	10
Mathematics :				
Private	17	4	8	2
Regular	35	12	24	8
Electronics	4	-	4	-

BIII(2) Statistics

	Appeared		Passed	
	Boys	Girls	Boys	Girls
M. Sc. (Tech.) Geophysics	19	-	19	-
M. Sc. Chemistry	79	27	65	27
M. Sc. Hydrology	9	1	9	1
M. Sc. (Statistics) 3/3	2	-	2	-
M. Sc. (Statistics) 2/2	16	1	13	1
M. Sc. (Tech.) Hydrogeology	6	-	6	-
Politics Regular	74	8	62	8
Public Administration Regular	69	7	57	5
B.L.I.C.	72	1	56	1
M.L.I.Sc.	13	5	11	5
Politics Private Study	1246	321	554	111

M.A., M.Sc. – A.U. Colleges Regular Students

M.A.

Branch	Total appeared	Boys	Girls	Total Pass		Total Passed
				Boys	Girls	
Economics	44	38	6	36	6	42
Hindi	31	21	10	16	10	26
Telugu	34	21	13	20	13	33
Education	24	18	6	9	5	14
M.Sc. :						
Botany	41	14	27	13	25	38
Bio-Chemistry	14	6	8	6	8	14
Zoology :						
Parasitology	10	2	8	2	7	9
Fishery Biology	20	7	13	7	13	20
Marine Biology	10	4	6	4	6	10
Physiology	12	8	4	8	4	12
Marine Sciences :						
Marine Biology	7	3	4	3	4	7
Chemical Oceano- Graphy	4	1	3	1	3	4
Marine Geophysics	4	4	Nil	3	Nil	3
Physical Oceano- Graphy	6	5	1	5	1	6
Marine Geology	16	16	Nil	16	Nil	16
Capture and Culture Fishes	12	9	3	9	3	12
M.A. Economics (Private Study)	175	103	72	25	21	46
M.A. Hindi	119	53	66	27	42	69
M.A. Telugu	268	172	96	91	42	133

B. III (4)

Sl. No.	Subject	Total of Candidates	Appeared		Passed	
			Boys	Girls	Boys	Girls
1.	I.R.P.M	20	15	5	12	4
2.	Philosophy	26	20	6	15	5
3.	Psychology	18	10	8	6	3
4.	Sociology	18	13	4	5	4
5.	Religious Study	5	3	2	-	1
6.	Geography M.A.	15	13	2	11	2
7.	Geography M.Sc.	13	7	6	6	6
8.	H G P A	14	4	10	3	9
9.	App. Geology	-	-	-	-	-
10.	Nuclear Physics	29	20	9	13	7
11.	Meteorology	11	10	1	5	1
12.	M.B.A., Eluru	28	25	3	23	3
13.	I.R.P.M., Eluru	18	18	-	16	-
14.	M.Com.	445	385	60	264	49
15.	P.G. Dip. in Taxation	19	19	-	13	-
16.	Jr. Dip. in Russian Language	13	12	1	11	1
17.	French Diploma	11	4	7	2	5
18.	Geology	22	21	1	17	1
19.	M. Tech. Atmosphere Science	5	5	-	4	-
Private :						
1.	Philosophy	78	68	10	35	7
2.	Sociology	180	131	49	42	25
3.	M.Com.	788	665	123	283	68

B. III (5) Statistics of 1991-1992

Sl. No.	Subject	No. of Candidates Appeared			No. of Candidates Passed		
		Boys	Girls	Total	Boys	Girls	Total
1.	M. Com.	490	109	599	161	49	210
2.	M.B.A.	105	17	122	92	16	108
3.	B.B.M.	38	6	44	25	4	29
4.	M.A. History	540	256	796	233	89	322
5.	Archaeology	11	1	12	4	1	5
6.	Social Work	57	5	62	30	5	35
7.	Sanskrit	60	10	70	19	3	22
8.	Sanskrit Diploma	4	2	6	4	2	6
9.	B.Pharmacy	20	6	26	12	6	18
10.	M.Pharmacy	16	1	17	12	-	12
11.	M.Sc. (Tech.) Instrumentation	28	3	31	23	3	26

APPENDIX B

Faculty-wise Enrolment of Students in University Colleges

S.No.	Name of the Department	Boys	Girls	S.C.	S.T.	Total Number of Students	Number of Teachers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Sociology	39	4	13	—	43	8
2.	Fine Arts	79	6	32	2	85	6
3.	Social Work	59	12	14	3	71	13
4.	English	55	33	12	2	88	16
5.	Economics	111	9	9	23	120	—
6.	Law	517	25	101	16	542	15
7.	(A.U.P.G. Centre, Kakinada) English	25	29	10	—	54	6
8.	Hindi	65	39	22	—	104	11
9.	Anthropology	55	11	14	4	66	14
10.	Co-operation and App. Economics	88	12	12	4	100	15
11.	Library and Information Sciences	104	22	21	3	126	8
12.	Theatre Arts	32	1	4	—	33	3
13.	Commerce and Management Studies	306	48	54	12	354	42
14.	Meteorology & Oceanography	21	9	—	—	30	—
15.	Zoology	26	30	9	1	56	21
16.	Pharmaceutical Sciences	160	41	25	—	201	31
17.	Electronics and Communication Engineering	200	41	—	—	241	10

1	2	3	4	5	6	7	8
18.	Geo-Engineering	79	3	4	—	82	8
19.	Engineering Chemistry	12	2	3	—	14	8
20.	(A.U.P.G. Centre, Nuzvid) Chemistry	21	2	—	—	23	6
21.	Geophysics	77	13	—	—	90	16
22.	Marine and Living Resources	21	16	10	—	37	7
23.	Nuclear Physics	45	9	1	—	54	13
24.	Physical and Nuclear Chemistry and Chemical Oceanography	46	13	4	—	59	14
25.	Botany	46	47	17	2	93	—
26.	Mathematics	34	6	4	—	40	9
27.	Physics	139	38	13	—	177	33
28.	Organic Chemistry, Foods, Drugs and Water	41	7	3	—	48	8
29.	Human Genetics	7	21	2	—	28	5
30.	Geography	19	9	7	—	28	8
31.	Applied Mathematics (A.U.P.G. Centre, Nuzvid)	22	8	—	—	30	6
32.	Inorganic and Analytical Chemistry	79	32	7	—	111	13
33.	Electrical Engineering	—	—	—	—	230	22
34.	Geo-Engineering and Resource Development Technology	79	3	4	—	82	8
35.	Computer Science and Systems Engineering	219	40	—	—	259	22
36.	Electronics & Comm. Engg.	200	41	—	—	261	10
37.	Physics A.U.P.G. Centre, Nuzvid	27	3	—	—	30	9
38.	School of Chemistry	46	13	4	—	59	20

APPENDIX - 'C'

STUDENTS ENROLEMENT IN PROFESSIONAL COLLEGES

Sl. No.	Name of the College	Boys	Girls	S.C.	S.T.	Total	No. of Teaching Staff
1	2	3	4	5	6	7	8
1.	Bhimavaram (S.R.K.R. Engg. College)	1304	112	206	15	1416	82
2.	Eluru (Sir C.R.R. College of Engg.)	375	65	91	-	440	28
3.	Visakhapatnam (G.I.T.A.M.)	1228	107	197	-	1335	92
4.	Bhimavaram (D.N.R. Law College)	515	75	72	-	590	16
5.	Eluru (Sir C.R.R. Law College)	1393	134	327	-	1527	22
6.	Rajahmundry (G.S.K. Memorial Law College)	781	174	64	-	955	17
7.	Vizianagaram (M.V.R.G. Raju Law College)	471	64	19	1	535	21
8.	Visakhapatnam (N.V.P. Law College)	1238	96	182	2	1334	17
9.	Visakhapatnam (N.B.M. Law College)	865	157	119	5	1022	15
10.	Visakhapatnam (All Saints Christian Law College)	161	24	8	1	185	9

1	2	3	4	5	6	7	8
11. Bhimavaram (D.N.R. College of Education)	120		45	33	1	165	10
12. Bhimavaram (G.T.P. College of Education for Women)	-		165	35	-	165	7
13. Eluru (Sir C.R.R. College of Education)	122		42	37	1	164	9
14. Kakinada (St. Mary's College of Education)	114		52	32	2	166	9
15. Payakaraopeta (Sri Venka- teswara College of Education)	116		49	34	-	165	9
16. Rajahmundry (Govt. Comprehensive College of Education)	136		55	34	-	191	11
17. Rajahmundry (S.A.M.D. College of Education for Women)	-		160	31	3	160	9
18. Visakhapatnam (St. Mary's College of Edn.)	160		-	2	-	160	8
19. Vizianagaram (M.R. College of Education)	166		90	52	4	256	16
20. Srikakulam (Gurazada College of Education)	116		48	33	1	164	10
21. Gopannapalem (S.S.R. College of Physical Education)	95		29	33	1	124	9

FACULTYWISE ENROLMENT OF STUDENTS & TEACHERS IN AFFILIATED COLLEGES

No. (1)	Name of the College (2)	B.A.		B.Sc.		B.Com.		S.C. (9)	S.T. (10)	Total (11)	Teaching Staff (12)
		Boys (3)	Girls (4)	Boys (5)	Girls (6)	Boys (7)	Girls (8)				
1.	Amadalavalasa (Govt. Degree College)	133	38	—	—	143	30	28	—	344	9
2.	Amalapuram (S. K. B. R. College)	354	146	499	191	497	173	277	—	1860	101
3.	Anakapalli (S.A.M. Kalasala)	—	174	—	—	—	190	20	2	364	14
4.	Anaparthi (G.B.R. Degree College)	135	45	271	55	122	10	29	1	638	23
5.	Attili (S. V. S. S. Arts & Science College)	104	55	—	—	98	23	24	—	280	12
6.	Baruva (Govt. Degree College)	131	16	—	—	78	3	27	—	228	5
7.	Bhimavaram (D.N.R. College)	362	124	684	198	378	84	378	2	1830	140
8.	Bhimavaram (K. G. R. L. College)	389	174	343	95	118	50	195	1	850	28
9.	Bhimavaram (R. R. D. S. College)	113	83	—	—	67	51	75	—	314	15
10.	Bobbili (R. S. R. K. R. R. College)	206	92	102	35	146	27	60	4	608	45
11.	Chintalapudi (Govt. Degree College)	99	42	—	—	66	27	59	—	234	12

1	2	3	4	5	6	7	8	9	10	11	12
12.	Chodavaram (Govt. Degree College)	198	63	108	59	186	54	58	16	668	23
13.	Dumpagadapa (V.V. Giri Govt. College)	31	27	—	—	45	21	3	—	124	6
14.	Eluru (Sir C.R.R. College)	482	—	855	—	861	—	264	14	2198	145
15.	Eluru (Ch. S. D. St. Therasas College for Women)	—	363	—	499	—	179	125	4	1041	98
16.	Eluru Sir C.R.R. Degree for Women)	—	100	—	120	—	240	69	2	460	27
17.	Ganapavaram (Sri Ch.S.R.V.P.M.R. College)	41	19	32	18	64	29	7	—	213	17
18.	Gollalamamidada D.L.R. Degree College	26	6	15	1	8	2	3	—	58	—
19.	Itchapuram (Govt. Degree College)	123	31	—	—	73	20	17	—	247	17
20.	Jangareddigudem (C.S.T.S. Kalasala)	107	67	—	—	148	53	34	4	375	11
21.	Kakinada (Ideal Degree College)	181	49	558	231	390	56	174	5	1465	53
22.	Kakinada (P.V.R. Trust Degree College)	139	107	—	—	441	260	157	2	947	15
23.	Kakinada (A.S.G. Women's College)	—	232	—	233	—	35	145	16	610	50
24.	Kakinada (P.R. Govt. College)	* 343	—	462	—	542	—	—	—	1347*	94

* Including girls

1	2	3	4	5	6	7	8	9	10	11	12
25.	Kakinada (M.S.N. Degree College)	121	55	78	48	112	78	56	3	492	22
26.	Kothapeta (V.K.V. Govt. Degree College)	161	51	166	133	63	40	112	—	614	17
27.	Kasibugga (S.B.S.Y.M. Degree College)	167	31	—	—	109	15	45	—	322	11
28.	Mandapeta Govt. Degree College	163	53	168	47	170	49	26	—	650	15
29.	Malikipuram (M.V.N.J.S. & R.V.R. College)	311	113	125	64	180	36	204	—	829	29
30.	Narasapur (Y.N.M. College)	388	78	384	88	257	80	206	1	1275	121
31.	Narasapur (B.G. & B.S. College for Women)	—	76	—	38	—	38	36	—	152	21
32.	Narayanapuram (S.A.S. College)	116	55	31	11	138	24	55	—	375	13
33.	Narsipatnam (Govt. Degree College)	181	37	—	—	154	28	33	14	400	11
34.	Nidadavole (Govt. College for Men)	158	—	74	63	236	—	99	—	531	31
35.	Nidadavole (Govt. College for Women)	—	95	—	—	—	126	31	—	221	—
36.	Narasannapeta (Govt. Degree College)	367	69	—	—	118	28	44	8	582	18
37.	Nallajarla A.K.R.G.E.S. Degree College	7	4	5	1	13	3	4	—	35	11

1	2	3	4	5	6	7	8	9	10	11	12
38.	Paderu (Govt. Degree College)	37	12	—	—	35	9	9	52	93	7
39.	Palakol (A.S.N.M. Govt. College)	191	—	126	70	205	8	68	1	600	48
40.	Palakol (D.N.R. Govt. College for Women)	—	152	—	—	—	153	42	—	305	11
41.	Palakonda (Govt. Degree College)	—	—	—	—	—	—	—	—	—	—
42.	Peddapuram (S R.V.B.S. J.B.M.R. College)	291	91	300	106	302	88	106	13	1178	76
43.	Parvatipuram (S.V. Degree College)	577	82	—	—	176	41	—	—	876	25
44.	Rajahmundry (Govt. College)	324	—	652	—	380	—	198	6	1356	122
45.	Rajahmundry (S.K.R. College for Women)	—	590	—	519	—	462	139	11	1571	96
46.	Rajahmundry (Rajiv Gandhi Degree College)	4	—	3	—	7	—	1	—	14	14
47.	Ravulapalem (Govt. Degree College)	116	57	—	—	126	32	52	—	383	12
48.	Razole (Govt. Degree College)	142	79	109	56	158	52	145	—	596	25
49.	Rampachodvaram (Govt. Degree College)	93	38	—	—	51	18	40	50	200	14
50.	Srikakulam (Govt. Degree College Men)	480	6	360	2	420	7	116	16	1275	81
51.	Srikakulam (Govt. Degree College for Women)	—	389	—	175	—	226	30	—	790	—

1	2	3	4	5	6	7	8	9	10	11	12
52.	Srikakulam (Gayatri Degree College of Science & Management)	—	—	25	4	—	—	—	—	29	4
53.	Seethanagaram (Govt. Degree College)	54	25	—	—	90	19	20	1	188	11
54.	Salur (Govt. Degree College)	189	66	—	—	184	13	49	4	452	12
55.	Sriramnagar (S.D.S. Arts College)	297	51	296	69	233	44	56	1	990	26
56.	Srungavarapukota (Govt. Degree College)	166	46	—	—	177	26	34	6	415	8
57.	Tadepalligudem (D.R. Goenka Govt. College)	147	69	101	67	180	45	72	2	609	41
58.	Tadepalligudem (D.R.G. Womens Degree College)	—	103	—	—	—	144	32	—	247	13
59.	Tanuku (S.C.I.M. Govt. College)	159	86	206	88	391	116	1	—	1046	46
60.	Tekkali (Govt. Degree College)	251	32	94	23	211	23	93	10	644	17
61.	Tuni (Govt. Degree College)	165	36	—	—	103	34	63	2	338	11
62.	Veeravasaram (S.M.B.T.V. & S.N. Degree College)	141	56	71	14	115	29	61	—	426	21
63.	Vizianagaram (M.R. Arts College)	441	22	584	41	714	36	129	18	1838	99
64.	Vizianagaram (M.R. College for Women)	—	268	—	265	—	239	31	1	772	50

1	2	3	4	5	6	7	8	9	10	11	12
65.	Visakhapatnam (Mrs. A.V.N. College)	337	118	456	197	824	240	164	9	2172	92
66.	Visakhapatnam (St. Joseph's College for Women)	—	313	—	307	—	87	47	2	707	49
67.	Visakhapatnam (Dr. L.B. College)	732	321	159	67	145	44	42	—	1468	13
68.	Visakhapatnam (B.V.K. College)	171	44	334	174	110	59	26	—	892	31
69.	Visakhapatnam (V.M.C. Mahila Vidya Peeth)	—	233	—	206	—	292	32	—	731	39
70.	Visakhapatnam (Visakha Govt. Degree College for Women's)	—	216	—	—	—	206	90	1	422	19
71.	Visakhapatnam (St. Ann's College for Women)	—	21	—	24	—	30	19	—	91	5
72.	Visakhapatnam (Vasavi Vijnana Mandali Degree College)	—	—	—	—	52	15	—	—	67	9
73.	Visakhapatnam (M.I.S.T. Degree College)	—	—	23	1	13	1	—	—	38	11
74.	Visakhapatnam (Hindusthan Shipyard Degree College)	—	—	33	10	19	6	4	1	68	17
75.	Visakhapatnam (Sri Gowri Samkshema Samiti Degree College)	—	—	40	4	13	4	1	—	62	11

1	2	3	4	5	6	7	8	9	10	11	12
76.	Visakhapatnam (Maddi Pattabhirama Reddy Degree College)	—	—	49	10	—	—	—	—	59	14
77.	Visakhapatnam (V.V.R. Kanaka Mahalakshmi Degree College)	—	—	5	1	6	—	1	—	6	9
78.	Visakhapatnam (Balaji Vidya Parishad Degree College)	1	2	—	—	6	6	1	—	51	9

STUDENTS ENROLMENT IN ORIENTAL COLLEGES

Sl. No.	Name of the College	Boys	Girls	S.C.	S.T.	Total Number of Students	Teaching Staff Strength
1	2	3	4	5	6	7	8
1.	Vizianagaram Govt. (M.R. Sanskrit College)	39	12	1	-	51	15
2.	Vizianagaram (M.R. Govt. Music College)	19	27	3	1	29	11
3.	Visakhapatnam (D.V S.N. Kalakshatram)	35	107	-	-	142	10
4.	Kakinada (P.E.M. Sanskrit College)	1	2	-	-	3	6
5.	Modekurru (S. C.R. Sanskrit College)	1	-	-	-	1	3
6.	Podagatlapalli (S.P.S.S.R. Oriental Degree College)	1	4	1	-	5	8
7.	Rajahmundry (Andhra Women's Sanskrit College)	-	38	-	-	38	7
8.	Rajahmundry (S.G.V.P.K.J. Oriental Degree College)	21	3	1	1	24	12
9.	Bhimavaram (Oriental Sanskrit College)	9	1	-	-	10	8

1	2	3	4	5	6	7	8
10. Chinanindrakolanu (L.B.S. Oriental College)		4	4	3	-	8	7
11. Eluru (C.R.R. Govt. Oriental College)	1		-	-	-	1	5
12. Kovvur (S.V.J.V. Sanskrit College)	27		13	-	-	40	8
13. Palakol (S.K.R.S. Oriental College)	17		4	3	-	21	6
14. Tanuku (S.B.S. Oriental Degree College for Women)	-		3	-	-	3	6
15. Narasapur (N.S.Z. College of Music and Dance)		10	25	-	-	35	3

APPENDIX D

Research Work done by the Members of the Teaching Staff of University and Affiliated Colleges

I. A.U. COLLEGES OF ARTS & COMMERCE

Department of English

Papers Published :

Name of the Author	Title	Name of the Journal
Prof.K.Lakshmi Devi	A study of Anita Desai's in Custody	Modern Journal of English Studies
Dr. T. Padma	Problems of individuation – A critique on Arun Joshi's use of symbols and archetypes in The Last Labyrinth	Jour. Indian writing in English
Dr. T. Padma	Pitaji, Reviart	Jour. Indian Writing in English.

2. Department of Economics

The following are the Publications of the faculty members:

Books :

1. Essays on Indian Monetary and BOP Experience, Mittal Publications, New Delhi, 1992.
2. Contributed to a Book : Industrial Entrepreneurship in Small Industries edited by R. S. Jalal, Ammel Publications, New Delhi, 1991.
3. Demographic Methods, Andhra University Press, 1991.
4. Determinants of Population Growth in India, Inter India Publications, New Delhi, 1992.
5. Locational Dynamics and Industrial Development, Allahabad, Chugh Publications, (in Press)

Research Papers Published in Professional Journals :

1. "India's Financial and Real Development." Indian Economic Journal, Conference Volume, 1991.
2. "Patterns of Absorption and Migration of Child Labour" The Indian Journal of Labour Economics, 1991.
3. "Health Policy in India." Journal of Rural Development, 1991.
4. Health Status and Female Literacy, Indian Economic Journal, 1991.

3. Sociology

4. Books Published Including Those in Papers :

Name of the Author	Title of the Book	Name of the Journal
1. Prof. K. Ranga Rao		
2. Prof. C. R. Prasad Rao	Youth, Peace, Conflict & Development	Ed., Prof. Y. C. Simhadri, Ajan the International Publishers, New Delhi
3. Dr. K. Radhakrishna Murty		
4. Dr. U. Tataji		
5. Dr. T. N. Murty	Monograph on 'weaker Sections and Social Migrants	Published by Telugu Academy, Hyderabad.
6. Dr. (Mrs.) Susan Verghese	Nil	Nil
7. Dr. (Mrs.) M. Indira Devi	Nil	Nil

2. Department of Fine Arts

V. Ramesh. Reader

(A) Papers Published :

1	Title of Book 2	Name of the Journal 3
	Painting Exhibition (one man show)	Sakshi Gallery, Bangalore, Oct '91
	"Land scape in painting" group show paintings	Jehanhir Art Gallery, Bombay Feb, 92

(B) Papers Communicated :

1	2	3
	Creative Painting Junior Fellowship 1991-92 1992-93	Dept. of Culture Ministry of Human Resource, New Delhi

2. G. Ravinder Reddy, Reader

(A) Papers Published :

Title	Name of the Journal
Sculpture Exhibition (one man show)	Sakshi Gallery, Madras, Dec. 91. Banglore, April '92

(B) Papers Communicated :

Heads Sculpture Exhibition (Group show)	Sakshi Gallery Bombay to be held on 14th, Nov. '92.
"Critical Difference" Contemporary Art from India	Abreswyth Art Centre England U. K. to be held between 23 Jan. 93 to Nov. '93.
Creative Sculpture Junior Fellowship 1991-92 ; 1992-93	Dept. of Culture Ministry of Human Resource, New Delhi.

3. C. Ravi Shankar Patnaik, Lecturer :

(A) Papers Published :

Title 1	Name of the Journal 2
Creative Sculpture Junior fellowship 1991	Dept. of Culture, Ministry of Human Resource Development, New Delhi
Awarded out standing Young person of the year 1991	Y'men's Club Visakhapatnam Chapter

(B) Papers Communicated :

Title 1	Name of the Journal 2
Sculpture Exhibition (One man show) Sculpture Exhibition (One man show)	At Hyderabad Jan. '93 Pundole Art Gallery Bombay in Jan. '93.

4. M. Adinarayana, Lecturer :

(A) Papers Published :

Title	Name of the Journal
"Decorative motifs in the select temples of North Andhra"	Ph.D. awarded - June 1992 - Andhra University. Guide - Dr. B. Mastanaiah Department of History, and Archaeology, Andhra University

5. Department of Social Work :

(A) Papers Published :

Name of the Author 1	Title 2	Name of the Journal 3
1. Prof. K. V. Ramana	"Changing trends in Medical Social Work" in Socio- logy of Health in India T.M. Dak (ed) Rawat Publica- tions, New Delhi, 1991	
2. Prof. B. Vijayalakshmi (Joint Author)	-do-	

1	2	3
3. Dr. B. Devi Prasad (First Author)	"Civic concerns in an emerging city and its adjoining region : A content analysis of critical letters addressed to 'Action please' column in "Indian Express"	Nagarlok April - June 1992
4. Mr. K. Visweswara Rao (Joint Author)	-do-	
5. Mr. R.D. Sampath Kumar (Joint Author)	-do-	

(B) Papers Communicated :

- | | | |
|---------------------------|--|---------------------------------------|
| 1. Prof. B. Vijayalakshmi | Mental Illness and Family Response : A study of coping techniques | Indian Journal of Social Work |
| 2. Dr. B. Devi Prasad | Dowry Violence : A content analysis of news selected in newspapers | Journal of Comparative Family studies |

6. Department of Psychology & Parapsychology

(A) Paper Published :

Name of the Author	Title	Name of the Journal
1	2	3
T.V. Ananda Rao	Role Ambiguity : An Important Stressor	Indian Psychological Review.

(B) Papers Communicated :

- | | | |
|--|--|---|
| 1. U. Vindhya
Sudhakar & Sophy
Thoms | Gender role orientation and coping repertoire of women in the management of military - induced trees | Indian Journal of Social Work published by Tata Institute of Social Sciences, Bombay. |
|--|--|---|

1	2	3
2. Shanti Krishna & K. R. Rao	Effect of E S P feedback on subject's responses to a personality questionnaire.	Journal of Parapsychology 1991, 55, 3.
3. P. Nirmala Devi	Theories of Learning as relevant to Higher Education	Published in the book Academic staff Development in Higher Educations, Calcutta: K. P. Bajehi & Co., 1991.
4. T.V. Ananda Rao	Differential Influences of job & superiors Determinants on Role Ambiguity	Indian Psychologist.

7. Department of Anthropology

A. Books Published Including those in Papers : Nil.

B. Research Papers Published in Journals :

1. G.V. Ramana and J.M. Naidu, 1992 : Marital distance in Manne Dora tribe of Andhra Pradesh, Journal of Human Ecology 2 (3) 59-60.

2. B.V. Babu and J.M. Naidu, 1992 : Marriage distance among four caste populations of Andhra Pradesh. Man In India 72 (1) - 78-80.

3. A. Ahluwalia, et al : G6PD Kalyan and G6PD Kerala : 317 Glu —Lys mutation. Human Molecular Genetics 209-210.

4. B. Dharama Rao and B. R. Busi, 1992 : Physical growth and maturity gradients of certain physical traits in rural Vadabaliya girls of North Coastal Andhra Pradesh, India, J.Hum. Ecol. 3(1) : 53-54.

5. B. Dharma Rao and B.R. Busi, 1992 : Physical growth and regression characteristics among Yadava boys of Visakhapatnam district, Andhra Pradesh, India, J.Hum. Ecol 2(3) : 63-65.

6. B. Dharma Rao and B. R. Busi, 1992 : Height and weight : A cross sectional study based on Yadava girls of Visakhapatnam, Andhra Pradesh, India, J. Hum. Ecol, 2(3) : 67-68,

7. G. Raja Rajeswari, S. Narahari and B.B. Rao, 1992 : ABO blood group incompatibility and consanguinity in relation to Reproductive performance ; A study among two occupational caste groups of Andhra Pradesh, J. Hum. Ecol, 2 (3) : 49-52.

8. V. Subramanyam : "Dominant caste in Anhhra village" is accepted for publication in the Journal of "PILC Journal of Dravidic studies.

Department of Economics

A. Books Published Including Those in Papers :

Name of the Author	Title of the Book	Name of the Journal
Dr. M. Sundara Rao	Trends and deter minants of India's foreign trade	C h u g h Publishers, Allahabad.
P. Krishna Babu	Regional planning in India	C h u g h Publishers Allahabad.

B. Research Papers Published in Professional Journals :

Dr. M. Sundara Rao :

1. Identification of potential areas of Intra Regional radl among the "SAARC Countries" Published in Regional Co-operation in the SAARC Countries Problems Prospects and Politicals Book edited by Dr. Devendra Kumar Das, Deep & Deep Publications, New Delhi.

2. Impact of Reservation System on Somolistic achievements : A study of block in Srikakulam Districte The Educational Review : March 1992 Vol. XCVIII No. 3.

COLLEGE OF LAW

(A) Papers Published

1. Prof. R. Jaganmohan Rao :

(1) Busy with the book writing on 'Dr. Ambedkar and the Dynamics of Dalit Justice, to be accepted for publication by Andhra University.

(2) Busily engaged in writing the consolidate Report on the UGC Major Project on Law Environment.

2. Sri V. Kesava Rao, Reader :

(1) "Manner of Communication of Acceptance." Supreme Court Journal.

(2) "Lex Voluntatis As Law Governing Charterparty." Cochin University Law Review.

3. Smt. S. Sumitra, Lecturer (Seminars & Conferences Attended)

(1) Attended the International Law Seminar at the 43rd Session of the International Law Commission held at Geneva, Switzerland during 3rd-21st June, 1991.

(2) Attended and presented a paper at the Seminar on 'Dowry Deaths & Problems in Visakhapatnam' organised by Women's Study Circle, Andhra University at Visakhapatnam on 7th March, 1992.

(B) Papers Communicated

1. Prof. R. Jaganmohan Rao :

(1) Review article 'Self Determination and Role of International Court of Justice, Academy Law Review.

(2) Review Article 'Consumer and the Law', Academy Law Review

(3) Presented a paper on 'Dr. Ambedkar's Contribution to Constitutional Philosophy' before the National Seminar on Dr. Ambedkar Organised by the Social Science Research Institute, Golden Threshold University of Hyderabad.

2. Shri V. Kesava Rao, Reader :

"Subsistence Allowance" Labour Law Journal

3. Smt. S. Sumitra, Lecture :

(1) 'Many Languages and One Union, Linguism in the Context of Centre-State Relations', Aligarh Law Journal, Spl. Volume, 1992 (Aligarh Muslim University)

(2) 'Liability for Industrial Hazards', YearBook of Legal Studies Dept. of Legal Studies, Tamil Naidu)

A.U. P.G. EXTENSION CENTRE, SRIKAKULAM

(A) Papers Published :

Name of the Author	Titl	Name of the Journal
Dr. C. Jayaram Reader & Head, Department of Law, A.U.P.G. Centre Etcherla.	'Current Constitutional Trends on Labour Welfare.	Labour Industrial Cases (Lab. I. C) October 1991.

Institute for Yoga and Consciousness

A, Papers Published :

Name of the Author	Title	Name of the Journal
1. M. Satyanarayana, K. R. Rajeswari, N. Jhansi Rani, Ch. Srikrishna & P. V. Krishna Rao	Effect of Sant- ikriya on Cer- tain Psychoph- ysiological Parameters : A Preliminary Study	Indian Journal of Physiology and Pharmacology Vol. 36, No. 2.
2. N. Jhansi Rani	'Pranayama'	Yoga Bharathi, Vol. I, No. 1

(B) Papers Communicated :

1. P. V. Krishna Rao	Fantasy-Pro- neness, Paran- ormal experie- nce and Esp Test Performa- nce	Journal of Indian Psychology
2. N. Jhansi Rani & P. V. Krishna Rao	Self-Ideal Dis- parity and Yoga	Journal of Ind- ian Psychology
3. P. V. Krishna Rao, S. Mitti Mohan & M. Satyanarayana	Nostril Domin- ance and Esp	Journal of Para- psychology.

Department of Hindi

(A) Papers Published :

Name of the Author	Title	Name of the Journal
Sri V. Krishna	(1) Komal Kal- panavonke Kavi Panth	Poorna Kumbh (Monthly) Dakshin Bharat Hindi Prachar Sabha, Hydera- bad.
	(2) Vyavastha Ki Takkar Se Utpann Dhumil Ki Kavita	Vivaran Patrika, Hindi Prachar Sabha, Hydera- bad.

(B) Paper Communicated :
V. Krishna

Dept. of Cooperation & Appl. Economics

Author	Title	Name of Journal
1. P. Leela	Oil seeds and the crisis and the Balance of Payments in India.	Agricultural situation in India, November, 1991.
2. P. Leela (jointly)	Mass Communication and Newsprint in India : An Analysis of Import Demand Determinants	Asian Journal of Economic and Social studies (accepted for Publication)
3. P. Leela (jointly)	Dependence of the Indian Economy on Newsprint Imports.	Indian Economic Journal (Communicated)
4. P. Leela	Role of paper in the Industrilisation of A. P.	Paper presented at the X Annual conference of the A. P. E. A. : A. U., Waltair, Feb. 8-9., 1992.
5. P. Leela	Foodgrain Imports of India	Paper presented to the Seminar, at the Department of Agricultural Economics, University of Guelph, Guelph, Ontario, Canada : 19th June, 1992.
6. Guided Ph. D. Dissertaton of Shri G. Pydiraju, awarded Ph. D. Degree on 24-7-1992.		

Dr. N. D. Raj :

1. A Pilot study of the gap between the felt need and the benefits extended through IRDP., UGC, Sponsored, 1991.
2. An Evaluation of functioning of subsidised the Rice Programme of Govt. of Andhra Pradesh : A cacass study of Visakhapatnam District, School of Economics, A. U. Waitair, UGC-SAP.
3. Rural industries in India, issues and options Kuruskhairs, Vehet No. 7, Apnt 1950. Pp 20-30.

A.U. COLLEGES OF SCIENCE & TECHNOLOGY

1. Department of Botany

(A) Papers Published

1. Prof. Panuganti, N. Rao :

(1) P.N. Rao and A. Nirmala. Genetic analysis of adherent seedling leaves and lazy growth habit in Coix (Maydeae). *Indian J. Genet.* 4= : 26-28. 1991.

(2) A. Nirmala and P. N. Rao. Localised occurrence of homologous chromosome disintegration and nucleolus organising B-chromosomes in pearl millet. *Cell & Chr. Res.* 14 : 76-78. 1991.

(3) A.Nirmala and P.N. Rao. Pachytene pairing, chiasma formation and multivalent configurations of B-chromosome in pearl millet. *Nucleus* 34 : 135-143.

2. Dr. K.G. Raja Rao :

1. Dr. K.G. Raja Rao. EMS induced cytotoxicity in cape goose berry (*Physalis peruviana* L.). *Journal of Cytology and Genetics.*

(2) Induced desynapsis in tomatillo by NMU. *Journal of Cytology and Genetics.*

3. Dr. B. Hanumantha Rao :

Dr. B. Hanumantha Rao. Sporogenesis and gametogenesis of some Boraginaceae. *Feddes Repertorium* 103 (1992) 1-2 : 35-40.

4. Dr. V. Padmaja :

(1) With P. C. Pullaiah and P. S. R. L. Narasinga Rao. Semi-rigidity of chain trivalent as a factor contributing to their adjacent orientation at metaphase-I in triploid *Petunia*. *Cytologia* 57 : 97-100 : 1992.

(2) With P. C. Pullaiah and P. S. R. L. Narasinga Rao prevalence of linear configuration in.....*Petunia* axillaries. *Cytologia.* 55 : 367-371, 1991.

(3) With P. C. Pullaiah. Transmission of teletrisomy in *Petunia*. *Journal of cytology and Genetics.*

(4) With P.C. Pullaiah. Mutagen sensitivity of diploid and tetraploid *Petunias*. *Journal of Cytology and Genetics.*

5. Dr. T.V.V.S. Reddy :

T.V.V.S. Reddy and J. Sunita. Chlorophyll deficient mutations induced in rice by alkylating agents and azide (in Press). *Cytologia.*

6. Dr.G. Subba Rangaiah :

(1) G. Subba Rangaiah. Control of spore shedding from some marine algae of the Visakhapatnam. Br. Phyc. J. 26 : 353-360, 1991.

(2) G. Subba Rangaiah. Interspecific hybridization in the species of *Fucus* of Isle of Man. Br. Phycological Winter meeting, 1991.

7. Dr. P.S.R.L. Narasinga Rao :

(1) P. China Pullaiah, P S R L Narasinga Rao and V. Padmaja prevalence of linear configuration among chain trivalents at metaphase I in pollen mother cells of *Petunia axillaris* (Lam.) B.S.P. Cytologia. 56 : 367-371.

(2) Paper accepted - P. China Pullaiah, V. Padmaja and P.S.R.L. Narasinga Rao. Semi-rigidity of chain trivalents as a factor contributing to their adjacent orientation at metaphase I in triploid *Petunia*. Cytologia. 57 :

Paper Communicated

(Accepted for Publication)

1. Prof. Panuganti N. Rao :

(1) A. Nirmala, B.H. Rao and P.N. Rao. Variable sterility and apospory in pearl millet. Indian J. Genet.

(2) A. Nirmala, and P. N. Rao. Population studies in *Tridax Produmbens* L. (Asteraceae). J. Indian Bot. Soc.

(3) P.N. Rao and A. Nirmala. Inheritance of male sterility in *Coix lacrymajobi* L. (Maydae) Plant Breeding.

2. Dr. K.G. Raja Rao :

K.G. Raja Rao. Gamma-ray induced tertiary trisomy in Capegoose berry (*Physalis peruviana*) L.). Cytologia.

3. Dr. G. Subba Rangaiah :

G. Subba Rangaiah. A persistent endogenous circadian rhythm of eggs in *Fucus Senatus*. Br. Phyc. J.

4. Dr. K. Uma Devi :

(1) K. Uma Devi, M. Krishna Rao, Peter Hedden, Stephen Croker. Endogenous Gibberellin (GA) levels, G A sensitivity and coleoptile length in five non-allelic dwarfs of pearl millet *Pennisetum glaucum* (L.) R. Br. Proceedings of Natural Academy of Sciences (U.S.A.).

(2) M. Krishna Rao and K. Uma Devi. Polymorphic sterile cytoplasms effecting expression of male sterility in *Pennisetum glaucum* (L.) R. Br. Theor. Appl. Genet.

5. Dr. V. Padmaja :

(1) With P. C. Pullaiah and P.S.R.L. Narasinga Rao. Supplementary chromosome in *Petunia* and its probable trisomic origin. 4th All India Conference of Cytology and Genetics.

(2) With P.C. Pullaiah : Morphological and biochemical divergence of primary trisomics. 4th All India Conference of Cytology and Genetics.

6. Dr. T.V.V.S. Reddy :

TVVS Reddy and K. Rajeev : Gamma rays and base specific chemicals induced chlorophyll mutants in rice. *J.Cytol. Genet.*

7. Dr. P.S.R.L. Narasinga Rao :

P. China Pullaiah, V. Padmaja and P. S. R. L. Narasinga Rao : A supernumerary chromosome in *Petunia* and its possible trisomic origin. *Conf. of Cyt. & Genet. Bangalore Univ. Bangalore 1992.*

8. Dr. N. Sarada Mani :

Sarada Mani, N. : Role of induced mutations in *Sorghum* improvement. *Proceedings of Indian National Science Academy.*

2. Department of Marine Living Resources

Papers published

Dr. M. Ramasashaiah & Sri B.V.S.R. Murty : "On a record of *Metapanaeopsis toloensis* Hall (Crustacea : Decapoda) from Indian Waters of the Coromandel Coast" *J. Mar. Biol. Ass. India*, Vol. 33 1991.

3. Dept. of Inorganic & Analytical Chemistry

Papers Published

Name of the author 1	Name of the Journal 2
Dr. A. V. Prasada Rao	1. Grain Orientation in Sol - Ge derived $\text{La}_2\text{Ti}_2\text{O}_7$ ceramics. <i>Mat. Lett.</i> 12, 306 (1991) 2. Sol - Gel thin films of SrTiO_3 <i>Mat Lett.</i> 12, 311 (1991)

Dr. M.S. Prasada Rao

3. Sol - Gel fabrication of epitaxial and oriented TiO_2 thin films, *J. Am. Ceram. Soc.* 75 (1992).
4. Sol - Gel processing of PbTiO_3 and $\text{PbZr}_{0.52}\text{Ti}_{0.48}$ fibers *J. Mat. Res.* 7,1, 1992.

1. Thallimetric photochemical oxidation in titrimetric and spectrophotometric methods for the analysis of mixtures of oxalate and hydrogen peroxide *Analytica Chimica Acta.* 242 (1991) 229.
2. Titrimetric and spectrophotometric methods for the determination of phosphite and analysis of binary mixtures of phosphite and oxalate. *Talanta*, 38, 937 (1991).
3. Thallimetric photochemical oxidations in the analysis of ternary mixtures of hydrogen peroxide, oxalate and phosphite. *Talanta.* 257 (1992) 159
4. Thallimetric oxidations - Part X: A titrimetric method for the determination of glyoxal. Indian Council of Chemists, Goa, 1991
5. Kinetics and Mechanism of reduction of thallium (III) by hydrogen peroxide in perchloric acid medium. *Reac. Kinet. and Catal. Letts.* (In press)
6. Thallimetric oxidations - Part VII: Titrimetric and spectrophotometric methods for the determination of hypophosphite, phosphite and oxalate. *Can. J. Chem.* (In press)

1	2
	7. A titrimetric method for the analysis oxalic and malonic acids in a mixture, J. Ind. Chem. Soc. (In press).
Dr. G. Nageswara Rao	1. A PC based computer program to aid the preparation of solvents systems for the HPLC: Comput Biol. Med. 21 (1991) 161. 2. A microcomputer program to analyze the CD spectrum of proteins and nucleic acids - use of Lotus set 2-3 spread sheet: Comut. Biol. Med. 21 (1991) 443. 3. Computer oriented mathematical models for chemical systems: Asian J. Chem 4 (1992) 99.

Papers Communicated

Name of the author 1	Name of the Journal 2
Prof. L.S.A. Dikshitulu	1. Kinetics and mechanism of oxidation of selenium (IV) by ditelluratoargentate (III) J. Ind. Chem. Soc. (In press) 2. Kinetics and mechanism of ruthenium (III) - catalysed oxidation of tellurium (IV) by thallium (III): Proceedings of the National Academy of Sciences, India (In press)
Dr. A.V. Prasada Rao	1. Diffuse phase transition of Li, Zr, bearing BaTiO ₃ : Ind. J. Pure and Appl. Physics (In press). 2. Dielectric and conductivity properties of L _a -modified Sr (Cu _{1/3} Nb _{2/3})O ₃ Ferroelectrics Lettrs.

1	2
Dr. M.S. Prasada Rao	<ol style="list-style-type: none"> <li data-bbox="532 321 967 428">3. Dielectric and resistivity properties of La-doped $\text{ba}(\text{Cu Ta})\text{O}_3$ and $\text{ba}(\text{Cu Nb})\text{O}_3$ Ind. J. Pure Appl. Phys. <li data-bbox="532 437 967 491">4. Sol-Gel thin films of $\text{La}_2\text{Ti}_2\text{O}_7$ Ferroelectrics. <li data-bbox="532 526 967 662">1. Kinetics and mechanism of reduction of bromothallium (III) with hydrogen peroxide in perchloric acid medium: Inorg. Chem. <li data-bbox="532 671 967 748">2. Toxicological studies on thallium dicarboxylates - J. Ind. Chem. Soc. <li data-bbox="532 756 967 833">3. Thallimetric oxidation - A review Reviews in Analytical Chem. <li data-bbox="532 842 967 953">4. A thallimetric oxidation method for the estimation of tarttronic acid: J. Ind, Chem Soc. <li data-bbox="532 961 967 1047">5. Thallimetric oxidation - VIII: Estimation of mesooxalic acid - Ind. J. Chem. <li data-bbox="532 1055 967 1192">6. Mechanistic interpretation of the photochemical thallimetric oxidations catalysed by chloride and bromide ions: I. Mol-Catal. <li data-bbox="532 1200 967 1286">7. Conceptual differences in accounting for the changes in ionic sizes: J, Ind. Chem. Soc. <li data-bbox="532 1294 967 1540">8. Effect of denaturants on the speciation of amino acid computer augmented modelling studies - V: cobalt (II), copper (II) and zinc (II) complexes of L-ornithine and L-glutamic acid in water urea mixtures. Ind. Sci. Cong. (Goa) 1992.

1	2
Dr. Dindi Satyanarayana	1. Cerimetric determination of tellurium (IV) Analysis (paris) 2. Directcerimetric determination of tellurium (IV) : Anal. Chim Acta.

4. Nuclear Physics

Ph.D Degrees

S	No. Name of the Candidates 1	Title 2	Director 3
1.	M.V.S. Chandra Sekhara Rao	Studies on conversion Coefficients Governing High Multiple transitions in odd-odd Nuclei	1) Prof. D.L. Sastry 2) Dr. G.S. Satyanarayana.
2.	G. Srikrishna Murthy	Studies on K-capture Probabilities, L-Fluorescence yield ratios and trace element analysis of environmental samples.	3 Prof. D.L Sastry
3.	K. Radha Krishna	Internal Conversion Studies on M 4 and E 3 Transitions	Prof. K.V. Reddy Prof. D.L. Sastry

M.Phils.

1.	M.A. Kareem	Studies on the Effective Atomic Numbers of Certain Tissues and tissue substitute Materials for photon interaction.	Dr. B.V. Thirumala Rao
2.	S. Sanyasi Raju	Experimental Investigation on $K_{\alpha} / L_{\alpha}' / K_{\beta} / L_{\beta}$ X-ray Satellite Intensity ratios of Chlorine compounds by photon excitation.	Dr. B. Mallikarjuna Rao

1	2	3
3. P.V. Satyanarayana	Chemical effects and gamma attenuation Coefficients	Prof. D.L. Sastry
4. V.V.S. Narayana Rao	A Study of linear attenuation Coefficients in some Compounds.	"

(A) Papers Published

Name of the Author 1	Title 2	Name of the Journal 3
1. K. Bhaskara Rao, S. Lakshminarayana and V. Seshagiri Rao	K-Capture Probabilities in the decay of 152 EU and 169 Yb using Detector (HPGE).	1) Symposium on nucl Physics Vol.33 B (1990) 81
2. G. Nageswara Rao, et al	Photo Electric cross sections at L-edges.	Ind. J. Physics 65, 264 (1991)
3. B. Seetharami Reddy, et al	Photoelectric cross sections in allongs.	(Indian Journal of pure, Physics (1991)
4. K. Bhanumati Murthy, et al	Photoelectric effect in some alloys in region of absorption edges	Iy Nuoro (1991) Cimento in press (1991)
5. S.S. Raju, et al	$K_{\alpha} L'/K_{\alpha} L^{\circ}$ X-ray satellite Intensity reactions in Compounds	Ind. J. Physics (accepted)
6. M.V.R. Murthy et al	Systematics of $K_{\alpha} L^{\circ}$ X-ray satellite energy shifts for Na and K.	Ind. Journal of pure & Applied Physics (accepted)
7. K. Parathasaradhi, et al	Photon attenuation Coefficients in tissue equivalent Compounds	International Journal of Applied Rad Isotopes.
8. K. Radhakrishna, et al	Measurement of K. Coefficient of the M 3 trantion in In-112m	(in press) J. Physics (1991) 1727

1	2	3
9. G.S.K. Murthy et al	Determination of Conversion Coefficients in the decay of Tm-167.	I Nuorocimento (1992)
10. M.E.S. Chandrasekara Rao et al	Measurement of Conversion Coefficients Governing the 48-85-Kev Transition in 80m Br.	„
11. K. Radhakrishna, et al	K-Conversion Coefficient of 108.2 kev transition in the decay of Dy-165 m.	„
12. C.V. Raghavaiah, et al	Kp/Kde rates and Chemical effect in partially filled 3d shell elements.	X-ray spectrometry 1992
13. V. Ravi Kumar, V. Lakshminarayana, B.V. Thirumala Rao, et al	Study of Relative Yields of some fusion Evaporation Channels from 105 Ag Compound Nucleus	Common to pramaga
14. V. Ravikumar et al	High spin states in Ag 102.	Nuclear Physics Symposiums (1992)

5. Department of Geography

Annual Report 1991-92

A) Papers Published :

Name of the Author	Title	Name of the Journal
1	2	3
Dr. S. Indira Devi	—	—
Dr. S. Sachi Devi	Impact of Climate of Diverse land-use in urban area	Proceeding of International Symposium on Environmental Change and GIS, Asahikawa, Japan, August 1991.
Dr. P. Viswanadham	—	—

1	2	3
Dr. K. Nageswara Rao	"Burial of farmland by sand spread from the dry penner river bed as a fallout of dam construction - A case of man's role in environmental change"	Proc. of International Symposium on Environmental change and GIS, Asahikawa, Japan, Vol. 2, pp. 107-116, 1991.
	"Coastal forms and processes at the penner delta front"	Proc. of the 4th Conference of Indian Institute of Geomorphologists, Shillong, April 1992.
Dr. M. Harikrishna	—	—
Sri T.V. Krishna	—	—
Dr. B. Hema Malini	"Climate and land-use of Guntur District, Andhra Pradesh"	Indian Journal of Landscape Systems, Vol. 14, Dec. 1991.
	"Agroclimatic regionalisation and crop suitability: A case study of Visakhapatnam District, in Andhra Pradesh."	Agriculture planning and Development, Volume, UBS Publisher and Distributors, 1991.
	"Warming of urban temperatures due to change of land condition in Visakhapatnam city, India" "Influence of Biosphere on urban microclimates"	Proc. of Symposium on Environmental change and GIS, Asahkawa, Japan, Vol. 2, 1991. Proc. of the International Seminar on Monitoring Geosystems - Perspectives for the 21st century, 6-9, December, Univ. of Delhi.

1	2	3
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B) Communicated :

Evaluation of Hydro-logical Environment - A case study of Anakapalle Mandal, Visakhapatnam District, A.P. Special Volume of Concept Publishers, Ed. B. Thakur.

6. Department of Geology

(A) Paper Published :

Name of the Author 1	Title of the Paper and Journal 2
1. G.V.V.S. Chowdary G. Satyanarayana and B.R. Rao	Environmental problems due to quarrying in Visakhapatnam.
2. T.V.S.R.K. Sagar	A sample activation set-up for the determination of pollutions. Indian Journal of Environmental Protection Vol. II, No. 7, 1991, pp. 492-495.
3. T.V.S.R.K. Sagar	Magnetic susceptibility of black sand concentrates of Krishna District, East Coast of India.
4. T.V.S.R.K. Sagar P.A.R.K. Raju B.J. Reddy and M.J. Raju	Aquifer evaluation in parts of Godavari Delta water Ecology, pollution, and management Vol. 1, Eds. P.S. Pichaiah B. Sambasiva Rao, pp. 211-228, 1991.
5. T.V.S.R.K. Sagar	Industrial suitability of manganese ores of Nishikal area, Koraput Dist., Orissa. Journal of Industrial Research (CSIR) June, 1992.
6. T.V.S.R.K. Sagar and B. Nagamalleswara Rao	Miner Structures on the beaches of Andhra Pradesh, East Coast, India. Indian Journal of Landscape System and ECO Studies, 1991.

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|--|---|
| 7. M. Rama Rao
A. Narasinga Rao and
A.V.R. Sastry | Petrology, Depositional environment and diagenesis of carbonate rocks from protorozoic basing in Andhra Pradesh, India.
Journal of Indian Academy of Geo-science, 1991, 34, 25-30. |
| 8. G. Krishna Rao and
Roshan Karmacharya | Potential of shallow ground Aquifer water for Kaltmandu Valley. Water Napal, 1991, Vol. 2, pp. 7-10. |
| 9. G. Krishna Rao and
R. Gautam | Ground Water Resource evaluation of the Kathmandu Valley. Journal Nepal Geological Science, 1991 Vol. 7. pp. 39-48. |
| 10. G. Krishna Rao and
N. Subba Rao | Ground Water quality in Visakhapatnam urban area, A.P. Indian Journal, Env. HITH, 1991, Vol. 33, No. 1, pp 25-30. |
| 11. G. Krishna Rao and
S. Ravi Prakash | Geo-electrical resistivity studies on Paravada area, Visakhapatnam district, A.P. Hydrology Journal of I.A.H., 1991, Vol. 14, No. 1, pp 1-15. |
| 12. B. Krishna Rao and
A.S.R. Swamy | Sediment characteristics of the modern Krishna - Godavari Deltas. Seminar : 22, Geol. Sc. India, pp. 121 - 138, 1991. |
| 13. P. Madhusudhana
Reddy
N. Subba Rao and
B.R.G. Reddy | Hydrogeochemical studies in Seethammadhara of Visakhapatnam Urban area. Indian Journal Environ Prot. Vol. 11, No. 8, pp. 601 - 604, 1991. |
| 14. N. Subba Rao and
G. Krishna Rao | Ground Water chemistry for location of wells in Visakhapatnam area, A.P. Bhu-jal News, Vol. 16, No. 3, pp. 7-10, 1991. |
| 15. B. Veerananarayana Rao | Mineralogy and texture of iron flame Ongole area, Prakasam Dist., A.P. Indian Journal Mines, Metals & fuels Vol. 39, No. 7-8, 1991. |

1	2
16. A.T. Rao	Forminifera from Sub surface calcareous Sand stones along white sand belt of Prakasam district, Andhra Pradesh, Journal Indian Academy Geo. Science 34, 14-24, 1991.
17. Kamini Devi, D.C., Rao, A.T. and Bonardi, M.	The Geochemistry of Monazite Types from the Eastern Ghats Granite Terriam, India. Mineralogy and Petrology.

Department of Bio-chemistry

A. Papers Published :

Name of the Author(s)	Title	Name of the Journal
S. Sai Annapurna	“ Characterisation of a Trypsin / Chymotrypsin inhibitor from Jock Fruit (Astocarpus integrifolia) seeds.	Journal of the Science of Food and Agriculture. 54. 605 - 618 1991.
G. S. Ramadoss and D. Siva Prasad	(Astocarpus integrifolia) seeds.	

B. Papers Communicated :

1. T. Ramana and T. M. Radhakrishna	“ Comparative Studies on the proteases of Bajra and Ragi seeds during germination”.	Environmental effects on protein quality - proceedings of the International symposium on proteins in life and in environment. by A. Srinivasan, Protein Research Unit, Madras, 1991.
2. Benjamin D. Cowley, Jr. Seshagiri-rao, Gudapaty Amy L. Kraybill, Michael A Hardin James P. Calvet and Vincent H. Gattone, II	“Autosomal Dominant Polycystic Kidney disease in the Rat”	Kindney International, 1992.

S. No.	Names of Authors	Year	Title	Reference
1	2	3	4	5
1.	G. Nageswara Rao et al	1991	Photo electric cross sections at Ledges	Ind. J. Physics 65, 264, 1991
2.	B. Seetharama Reddy et al	1991	Photo electric cross sections in allays.	Indian Journal pure & applied physics (1991)
3.	K. Bhanumathi Murthy et al	1991	Photo electric affect in some alloys in region of absorption	IL Nuov d cimento (1991)
4.	K. Radha - krishna et al	1991	Measurement of the conversion co-efficient of the M 3 transition in In - 112 m	J. Physics (1991)
5.	G.S.K. Murty et al	1992	Determination of the conversion coeff. in the decay of Tm - 167	I L Nuov d Cimento
6.	M.V.S. Chandrasekara Rao et al	1992	Measurements of the conversion coeff. in Br - 80 m	I L Nuov d ciments
7.	K. Radha - krishna et al	1992	K conversion ceoff. of 108. 2 kev transition in the decaag of Dy - 165 m	I L Nuov d cimento
8.	C.V. Raghavaiah et al	1992	$K_B / K\alpha$ ratios and Chemical affects in partially filled 3 d shell elements.	X-ray Spectrometries
9.	S.S. Raji et al	1992	$K\alpha L^1/L^0$ X-ray satellite intensity relations in chlorine compounds	Ind. J. Physics
10.	M. V. R. Murthy et al	1992	Systematics of $K\alpha$ X-ray satielite energy shifts for Na and K	Ind. Jour. of Pune & App. Physics.
11.	K. Parthasaradhi et al	1992	Photon at tenuation coefficients in tissue equivalent compounds.	International Journal of Radio isotopes.

Department of Geophysics

Research Papers Published in Professional Journals :

1. Prof. P. Sitapathi Rao : 1) "Global warning coffee" published in Deccan chronicle, April 21, 92 ; 2) Reasons of Vizag Tremor - Industrialisation, Published in the Hindu 3-6-92.

2. Prof. I. V. Radhakrishna Murthy : 1) Automatic inversion of Sp anomalies over sheet like bodies computers and sciences ; 2) Gravity inversion of closed two dimensions bodies Bul. Geophisica Therica - Application ; 3) Inversion of gravity and magnetic anomalies of two dimensional polygonal cross section computers and Geosciences ; 4) A generalised scheme for three dimensional gravity modelling of sedimentary basin in the constant, linearly and exponentially varying density contrast.

3. Prof. T. K. S. Prakasa Rao : 1) Geophysical Studies for the evaluation of offshore placer deposits and basement configuration : Proceedings of the International symposium on Oceanography of the Indian Ocean, 14-16, Jan. 1991. Published by Oxford and IBH Publishing Comp, Pvt. Ltd., 1992 ; 2) Interpretation of Magnetic gradient anomalies due to orbitravity Magnetized Inclined Fourth Published in second volume of first International Seminar and Exhibition on "Exploration Geophysics in Nineteen Nineties" of Exploration Geophysicists held at Hyderabad in 1991, pp 731-736.

4. Prof. M. Gangadhara Rao : 1) "Gravity anomalies and crustal structure of Western continental margin of Goa Malki, India" Marine Geology, Vol. 99, pp 247-256, 1991.

5. Prof. P. Rajendra Prasad : 1) An Estimation of Depth to water level from soil moisture studies. Journal of applied Hydrology, Vol. IV, Nos. 1 and 2 ; 2) Intchem - A computer program for "Hydrochemical Interpretation communicated to Groundwater."

6. Dr. C. Visweswara Rao : 1) Modelling of sedimentary basins with hyperbolic density contrast from gravity anomalies - communicated to proce (Earth and Planetary Sciences, Indian Academy of Sciences ; 2) Expression for the gravity anomaly of 2D vertical prism with density contrast varying hyperbolically with depth communications to Assn. of Expl. Geophysicists CEG, OU, Hyderabad.

7. Dr. C. Subba Rao : Identification of mineralogy and gas using cross-plots of Bombay High area : Accepted Ind. Jour. of Earth Sciences, Vol. 19, No. 2, 92.

8. Dr. B. Polinaidu : "Magnetic anomalies and Basement structure around Vizianagaram, A. P. India, Journal of Geological Society of India."

9. 1) Dr. D. Bhaskara Rao and N. Ramesh babu, 1991, A Fortran - 77, Computer Program for three-dimensional analysis of gravity anomalies with variable density contrast, Computers and Geosciences (U. S. A.), V. 17, No. 5, p. 655-667; 2) Bhaskara Rao, D. and Ramesh Babu, N. 1991, A rapid method for three-dimensional modelling of magnetic anomalies, Geophysics (U. S. A.), V. 56, No. II, p. 1729-1737; 3) Bhaskara Rao, D. and Ramesh Babu., N. 1991, Three-dimensional inversion of gravity anomalies using a Polygonal prism with variable density contrast, Proceedings of the First International Seminar and Exhibition on "Exploration Geophysics Nineteen Nineties" by A. E. G. (Hyderabad). 25-30th Nov. 1991, Vol. II, p. 753-758; 4) Bhaskara Rao, D. and Prakash, M. J., 1991 Inversion of magnetic anomalies of two and half dimensional dykes and faults, Proceedings of the First International Seminar and Exhibition on "Exploration Geophysics in Nineteen Nineties" by A. E. G. (Hyderabad). 25-30th Nov. 1991, Vol. II, p. 705-717; 5) Bhaskara Rao, D., Prakash, M. J, and Ramesh Babu, N., 1991, Fourier transforms of the gravity anomalies of simple geometrical models with exponential density contrast, Geophysics (U. S. A.) under revision; 6) Bhaskara Rao, D. and Ramesh Babu, N., 1992, A Fortran - 77 computer Program for three-dimensional inversion of magnetic anomalies due to multiple prismatic bodies, Computers and Geosciences (U. S. A.) (Communicated).; 7. Bhaskara Rao, D., and Ramesh Babu, N, 1992, Three-dimensional Analysis of gravity anomalies of sedimentary basins by Polygonal prismatic model with a quadratic density function, Pure and Applied Geophysics (U. S. A.) (Communicated).

10. N. V. B. S. S. Prasad : "An Estimation of depth to water level from soil moisture studies" Journal of Applied Hydrology, Vol. IV, Nos. 1 and 2.

11. Dr. M. Subrahmanyam (UGC Scientist) : "Interpretation of Magnetic Gradient Anomalies due to orbritrarity Magnetized Inehned Fault" Published in the second volume of the first International Seminar and Exhibition from exploration Geophysics in nineteen nineties" of Association of exploration Geophysicists held at Hyderabad during 25 th- 30th November 1991, pp 731-737.

School of Chemistry

Research papers published in professional journals :

Name of the Faculty member 1	Title of the paper published 2	Details of the journal 3
1. Prof. P.V. Krishna Rao	4 papers in Transition metal Chemistry	
2. Prof. D. Satyanarayana	1. Assessment of Entrophication in the marine environment of Visakhapatnam using Nutritional Index as a Tool 2. Distribution of organic carbon, total nitrogen and totalphosphorus in Visakhapatnam shelf sediments East Coast of India 3. Physico Chemical Characteristics of the coastal Environment of Visakhapatnam - A case study	Indian, J. Mar. Sci. 21, (1992) 155-157 Indian, J. Mar. Sci. (In Press) J. Biol ASSOC. India (In Press)
3. Prof. G.S. Murty	1. Studies on the Heterogeneity of microreticular carboxylate Ionexchanges-II International symposium on Radiochemistry and Radiation Chemistry (Plutonium 50 years) 2. Physico-Chemical application of Radioisotopes - Lecture National workshop on Radiochemistry and Application of Radio Isotopes	BARC., Bombay 1991 Organised by BRNS., Dept. of Atomic Energy S.V. University, Sept. 1991
4. Dr. V. Muralidhar Rao	1. Determination of the size of the Chromate ion - A solvent extraction study 2. A study of the solvent effect in liquid - liquid partition of tress (malonate) Chromate (III) between Alquent-336 and solutions	Asian Journal of Chemistry 4 (2) 320 (1992) Proc. Nat. Acad. Sci. India 61 (A) 1 (1991)

1	2	3
5. Dr. N.S. Sarma	<p>1. Biochemical composition of suspended particulate matter in the shelf waters between Visakha and Bhimavaram Coast, Central east coast of India</p> <p>Marine sterols 23 2a-Oxa-2-OXO-5σ - hydrany 3, 4 - Dinor cholestane from Arabian sea Red alag a σ. Obtusa</p> <p>Absolute configuration and Acid catalysed Transformation of (-) 12, 13 - Didehydro furos-Pargin-1 isolated from the Arabian sen sponge Fasciospogin cavornosa schimidt</p> <p>Revised structure of furos-pogin-1</p> <p>Geochemistry of sediments of the Central east Indian coast between Bhimuni-patnam - Amalapuram-1 Major elements</p>	<p>Indian, I. Mar. Sci. 20, 123-126 (1991)</p> <p>Tetrahedron, letts, 33 519-20 (1992)</p> <p>Chem. Pharm. Bull. 40(3) 599-601 (1992)</p> <p>J. Chem. Res. (In Press)</p> <p>Ind. J. Mar. Sci. (In Press)</p>
6. Dr. R. Sambasiva Rao	<p>1. Computer oriented models for Chemical systems</p> <p>2. Computer augmented modelling of compl complexes Anino acids in aquo organic mixtures</p>	<p>Asian J. Chem. 4 (1992) 99-104</p> <p>J. Ind. Chem. Soc. 68 (1991) 34-41</p>
7. Dr. V. Ananta Ramam	<p>1. Formation of Chromium (III-EDTA complex from Bis (malonate) - ethylenediamine chromate(III) and EDTA</p> <p>2. (VIII) Catalysed Oxidation of Alamina by chloramine T in alkaline medium</p>	<p>Proc. Nat. Acad. Sci. India, 61 (A), I 141-144 (1991)</p> <p>Chimica Acta Turlica (In. Press)</p>

1	2	3
8. Dr. C. Kamala Sastri	Oxazine dyes as complexometric indicators	Asian J. of Chemistry (accepted)
9. Dr. A. Nagaswara Rao	<ol style="list-style-type: none"> 1. Kinetic and mechanistic studies on the equation of mixed ligand complexes of chromium (III) : Acid catalysed quation of cis-bis (oxalato bipyridine chromate (III) 2. Kinetics of oxidation of bis (2,2', 6', 2'' - terpyridine) iron (II) by ceric(IV) 3. Kinetics and mechanism of the Oxidation of bis (2,4,6 - tripyridyl - 1,3,5 - trizine) iron(II) by trans - 1,2 - diaminocyclohexanetetra acetatomaganate(III) in acetate buffer 4. Kinetics and mechanism Oxidation of bis (2,2',6',2'' - terpyridine) iron(II) by manganese (IV) 	<p>Indian J. Chem., 30A, 1047 (1991)</p> <p>Indian J. Chem., 31A, 125 (1992)</p> <p>Trans. Met. Chem., 17, 325 (1992)</p> <p>React Kinet. catal Lett. 48,211 (1992)</p>
10. Dr. K.M. Krishnaprasad	<ol style="list-style-type: none"> 1. Screening and specification of colour changes of indicators in the complexometric titration of magnesium(II) 2. Evaluation of colour changes of indicators in the titration of cadmium with EDTA 3. Evaluation of screened indicators by tristimulus colorimetry 4. Silver ion catalysed oxidation of phonosafamine by peroxedisulphate catalytic kinetic determination of micro amounts of silver 	<p>Analysis, 1992, 20, 1</p> <p>Analytica Chimion Acta 1992, 264, 137</p> <p>Asian Journal of Chemistry 1992, 4, 726</p> <p>Asian Jour. nal of Chemistry (accepted)</p>

Department of Geophysics

A. Books Published Including those in Press : 3

1. Prof. T.V.S.R.K. Sagar : Textbook on the Mineral Economics for Graduate Students of A. P. Open University (Revised Edition) 1991 (English & Telugu).
2. Prof. T.V.S.R.K. Sagar : Laboratory Manual in Economic Geology - Sampling and Valuation of mineral prospects (English and Telugu, 1991).
3. Prof. A.S.R. Swamy : Field Seminar on Recent Deltas 1991.

B. Research Papers Published in Professional Journals :

1. G.V.V.S. Chowdary, G. Satyanarayana & B.R. Rao : Environmental problems due to qualifying in Visakhapatnam area.

2. T. V. S. R. K. Sagar : A sample activation set-up for the determination of pollutants; Indian Journal of Environmental protection Vol. II, No. 7, 1991 PP. 492-495.

T.V.S.R.K. Sagar : Magnetic susceptibility of black sand concentrates of Krishna District, East coast of India; Ind. Jour of Marine Science, Vol. 20, Dec. 1991, pp. 292-293.

4. T.V.S.R.K. Sagar, P.A.R.K. Raju, B.J. Reddy & M.J. Raju : Aquif evaluation in parts of Godavari Delta Water Ecoalogy, pollution, and management Vol. 1, Eds. P. S. Pitchaiah and B. Sambasiva Rao, pp.211-228, 1991.

5. T.V.S.R.K. Sagar & B. K. Kishore : Industrial suitability of manganese ores or Nishikal area, Koraput district, Orissa ; Journal of Industrial Research (CSIR) June, 1992.

6. T.V.S.R.K. Sagar & B. Nagamrleswara Rao : Minor structures on the beaches of Andhra Pradesh, East Coast of India; Indian Journal of Lanscape Systems and Eco Studies, 1991.

7. M. Rama Rao, A. Narasinga Rao & A.V.R. Sastry : Petrology, Depositional environment and diagenesis of carbonate rocks from proterozoic basing in Andhra Pradesh, India; Journal of Indian Academy of Geo-Science, 1991, 34, 25-30.

8. G. Krishna Rao & Roshan Karmacharya : Potential of shallow groundwater Aquifer for Kathmandu Valley. water Nepal, 1991, Vol. 2, pp 7-10.

9. G. Krishna Rao & R. Gautam : Groundwater Resource evaluation of the Kathmandu Valley ; Journal Nepal Geological Science, 1991, Vol. 7, pp. 39-48.

10. G. Krishna Rao & N. Subba Rao : Groundwater quality in Visakhapatnam Urban area, A. P.; Indian Journal, Env. HITH, 1991, Vol. 33, No. 1, pp. 25-30.

11. G. Krishna Rao & S. Ravi Prakash : Geo-electrical resistivity studies on Paravada area Visakhapatnam district, A.P. ; *Hydrology Journal of I.A.H.*, 1991, Vol 14, No.1, pp.1-15.

12. B. Krishna Rao & A.S.R. Swamy : Sediment characteristics of the modern Krishna - Godavari Deltas. ; *Seminar* 22, *Geol. Sc. India*, pp.121-138, 1991.

13. P.Madhusudhana Reddy, N. Subba Rao & B. R. G. Reddy : Hydrogeochemical studies in Seethammadhara of Visakhapatnam Urban area ; *Indian Journal Environ Port.* Vol. 11, No. 8, pp. 601-604, 1991.

14. M. Subba Rao & G. Krishana Rao : Groundwater Chemistry for location of Wells in Visakhapatnam area, A. P. : *Bhu-Jal News*, Vol. 16, No. 3, pp 7-10, 1991.

15. B. Veerananarayana Rao : Mineralogy and texture of Ziron flam Ongole area, Prakasam District, A. P. ; *Indian Journal Mines, Metals & Fuels* Vol. 39, No. 7-8, 1991.

16. A. T. Rao : Forminifera from Sub surface calcareous Sand stones along white along white sand belt of Prakasam district, Andhra Pradesh ; *Journal Indian Academy Geo. Science* 34, 14-24, 1991.

17. Kamini Devi, D.C., Rao, A.T., & Bonardi, M. : The Geo chemistry of Monazite Types from the Eastern Ghats Granite Terriam, India ; *Mineralogy and Petrology*.

Department of Marine Living Resources

A. Papers Published

Dr. M. Ramaseshaiah & Sri B.V.S.R. Murthy :

“On a new record of *Metapenaeopsis toloensis* Hall (Crustacea : Decapoda) from Indian waters off the Coromandel-coast”

J. Mar. Biol. Ass. India.
Vol. 33, 1991.

B. Papers Communicated : Nil

Dept. of Geography

Research work of the Teaching Staff :

A. Books Published Including those in Press : Nil

B. Research Papers Published in Professional Journals :

1. ‘Climatic Temperature change as an effect of Industrialization and Urbanization in Visakhapatnam City’, by Dr. B. Hema Malini and K.P.R. Vittal Murthy, *Landscape Systems*, Vol. 13, 1990, pp. 130-133.

2. 'Climate and Landuse of Guntur District', by Dr. B. Hema Malini and A. Yamini Priya, Landscape Systems, Vol. 14, 1990.

3. 'Agroclimatic Regionalisation and Crop suitability : A Case Study of Visakhapatnam District', by B. Hema Malini, Agriculture Planning and Development, 1991, pp. 163-172.

4. 'Warming of Urban Temperatures due to change of land condition in Visakhapatnam City, India, by Dr. B. Hema Malini and Dr. K. Nageswara Rao, International Symposium on 'Environmental Change and GIS', Asahikawa, Japan, to be held 25-28th August, 1991.

5. 'Delineation of Ground water Potential Zones in Penne. Delta Through Geomorphic Techniques', communicated to Annals of Geomorphology Germany, by Dr. K. Nageswara Rao and K. Srinivasa Rao.

6. 'Burial of Farmland by sand spread from the dry Penner river bed as a fallout of dam construction, by Dr. K. Nageswara Rao and Dr. B. Hema Malini, International Symposium on Environmental Change and GIS, Asahikawa, Japan, to be held 25-28th August, 1991.

C. Details of the Papers and Presented at Seminars, Works, hops, etc. : Items 4 & 6 in the above.

D. Scholarly work Undertaken on a Long Time Basis and Progress Made if any :

Research project or schemes with details of Teacher-in-charge other teachers associated sponsors, cost, etc. :

Dr. K. Nageswara Rao : 'Geomorphic Evolution and Land use Potential of the Penner Delta' : Sponsored by U.G.C. : Rs. 1,40,000/- (with one JRF), 1-7-1989 onwards for 3 years.

Dept. of Org. Chemistry Foods, Drugs and Water

ANNEXURE I

Research Papers Published in Professional Journals :

Prof. Ch. Bheemasankara Rao :

Metabolites of Perifera Part - III, New 24-Methylscalarnes from Phyllospongia dendyl of the Indian Ocean, Bheemasankara Rao, Ch. Raju KSHSN, Trimurtulu, G and Venkata Rao, D. J. Nat. Prod. 54 364-371 (1991).

Diterpenes from a brown algae *Dicyota divaricata* of the Indian Ocean, Bhemasankara Rao, Ch. Trimurtulu, G. Venkata Rao, D Bobzin S C, Kushlam D M and Faulkner D. J. *Phytochemistry*, 30, 1991 (1991).

Marine sterols 20' Polyhydroxysteols of the Soft Corals of the Andaman and Nicobar sterols, Novel Sterols with 3, 9, 11, 21, - tetra - hydroxylated and 11, 21 - Epoxy-9, 11-Secosteroids skeletons, from a sclerophytum sp, Soft Coral, Bheemasankara Rao Ch., Ramana K. V., Lakshmana Rao Ch., V. Venkata Rao, D. Kobaysahi M and Kobayashi, K. J. *Chem sec. Perg Tans* 1, 493 (1991).

Divarinone, A Novel Diterpene from the Brown Alga *Dicyota divaritata* of the Indian ocean : Trimurtulu G., Kushlan D. M. Faulkner D J and Bheemasankra Rao, Ch., *Tetrahedron Letters* 33, 729-732 (1992).

Prof. A. S. R. Anjaneyulu :

Synthesis of some new 3-phenylcoumorins ; A. S. R. Anjaneyulu, G. Sudha Rani, U. V. Mallavadhani, & Y. I. N. Murty, *Indian J. Chem*, 308 (1991)

Synthetic experiments in Lignans : Part XIII-The Orienting effect of a mettyl group naphthalen cyclisation, A. S. R. Anjaneyulu, D. Santhi Kumar & U. V. Mallavadhani, *Indian J. Chem*, 308 0000 (1991).

Claisen rearrangement of Prenyl ethers of isomeric acetylnaphthols and bisprenly ethels of 4, J - and diacetyl resorcinols. A. S. R. Anjaneyulu, and B. Mehar Issa, *J. Chem., Soc. Perkin Tans-I* 2089, 1991.

Claisen rearrangement of the allyl ethers of isomeric acetyl naphthols under catalytic consitions. , A. S. R. Anjaneyulu, and B. Meher Issa, *Indian, J. Chem*, 318, 15 1992.

Thermal and catalytic Claisen rearrangements of paopargyl ethers of isomeric acetylanaphthos and 4. 6-diacetyl resorcionol A. S. R. Anjaneyulu and B. Meher Issa, *Indian J. Chem* 308 (828) 1991.

Biological activity of some aryll-prenyl and Propargyl ethers and their Claisen rearranged Products, A. S. R. Anjaneyulu, and B. Meher Issn, *Indian J. Chem Sci.*, 0000 (1991).

Two Caulerpin analogues and a sesquiterpene from *Caulerpa racemose* A. S. R. Anjaneyulu, C. V. S. Prakash and U. V. Mallavadhani *Phytochemistry*. 30 (9), 3041, 1991.

Isolation or new aromatic derivatives from marine allgai species, *Caulerpa racemosa*.

A. S. R. Anjaneyulu, C. V. S. Prakash, K. V. S. Raju and U. V. Mallavadhani, *J. Nat. Prod.* 55(4), 496, 1992.

Sterols and Terpenes of the Marine Green Algal species *C. racemosa* and *codium, decorticatum*, A. S. R. Anjaneyulu, C. V. S. Prakash and U. V. Mallavadhani, J. Indian, Chem. Soc, 68, 480 (1991) Prof. Ch., Suryaprakasasastry :

Application of DMPD for the determination of some anti-moebic and anthelmintic drugs, C. S. P. Sastry M. Aruna and A. Ramamohan Rao, Chemia Analityczna, 1. 1991.

Spectrophotometric determination of resorcinolamines with aromatic aldehydes C. S. P. Sastry, D. G. Sankar and M. N. Reddy, Indian Drugs, 28 (6) 269 (1991).

Spectrophotometric determination of adrenaline and nora-drenaline C. S. P. Sastry, D. G. Sankar, and M. N. Reddy Indian Drugs, 28 (6) 272(1991).

Spectrophotometric determination of nicoumalone and ace-butolol hydroxchloride with metol- potassium permanganate, C. S. P. Sastry, T. Thirupathi, Rao, A. Sailaja and M. V. Sur-yanarayana, Analytical letter, 24 (6), 946 (1991).

Indirect spectrophotometric methods for the determination of chlrophensin, C. S. P. Sastry, J. V. Rao and B. S. Sastry, Diphormazie, 46 (2) 140, (1991).

Spectrophotometric determination of veripamil hydrochloride with cobalt thicyanate C. S. P. Sastry, T. Thirupathi Rao. A. Sailaja and J. V. Rao

The Eastern Pharmacist, XXXIV (398), 127 (1991). Spectro-photometric determination of Phenforminhydroxchloride in dosage forms. C. S. P. Sastry T. Thirupathi Rao and A. Sailaja, Indian Drugs, 28 (8). 378 (1991).

Spectrophotometric determination of nicoumalone, acebu-tolol hydrochloride and procainamids hydroxchloride, C. S. P. Sastry, T. Thirupathi Rao and A. Sailaja Talanta, 38 (9), 1057, 1991.

Application of P-N-N- dimethylphenylene diamine dihyd-rochloride for the determination of some antiarrhythmic agents and anticoagulant, C. S. P. Sastry, T. Thirupathi Rao and A. Sailaja International Jourual Pharmaceutics (in Press).

New spectrophotometric methods for the determination of Di-t butyl hydroquinone, C.S.P. Sastry, S. Gopala Rao and B.S. Sastry Food, Chemistry, (Revised) 46. 101 (1993).

New spectrophotometric methods for the determination of procainamide hydrochloride in tablets C.S.P. Sastry, T. Thiru-pathi Rao, A. Sailaja Indian J. Pharm sci. 53 (6), 249 (1991).

Spectrophotometric determination of BHAT in oils C.S.P. Sastry, S. Gopala Rao and B.S. Sastry J. Inst. of Chemists (in press). 63 (5) 170 (1991).

A Simple spectrophotometric determination of minodidil, C.S.P. Sastry, A. Sailaja, T. Thirupathi Rao and M.V. Suryanarayana, *Microchemical Journal*, 44 (1991) 268.

Micro determination of warfarin sodium, nicoumalone and acebutolol hydrochloride, C.S.P. Sastry, T. Thirupathi Rao, A. Sailaja and J. Venkateswara Rao, *Talants*, 38 (10), 1107 (1991).

Spectrophotometric estimation of acebutolol hydrochloride in Pharmaceutical formulations, C.S.P. Sastry, T. Thirupathi Rao, and A. Sailaja *Indian Drugs*: 28 (10), 467 (1991).

Spectrophotometric determinations of nitrofurazna, B.S. Sastry, J.V. Rao, T. Thirupathi Rao and C.S.P. Sastry, *Microchimica Acta* (in press) 107 (1992).

Sensitive spectrophotometric methods for the determination of Pindolol. C.S.P. Sastry, A. Sailaja and T. Thirupathi Rao, 107, 1 (1992).

Microchemica Acta, Determination of captopril by two simple spectrophotometric methods using oxidative coupling reaction. C.S.P. Sastry, A. Sailaja and T. Thirupathi Rao, *Pharmazie*, (1991), 46, 465.

Spectrophotometric determination of BHA in oils C.S.P. Sastry, S. Gopala Rao and B.S. Sastry, *J. Food Sci & Tech.* 29 (2), 101, (1992).

Spectrophotometric estimation of acebutolol hydrochloride and captopril in their dosage forms C.S.P. Sastry, T. Thirupathi Rao, A. Sailaja and J.V. Rao. *Indian Drugs*, 28 (11), 523, (1991).

Sepctrophotometric determination of minoxidil with Folin-Ciocalten reagent, C.S.P. Sastry, A. Sailaja and T. Thirupathi Rao, *The Eastern Pharmacist*, XXXIV (404), 163, (1991).

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Dr. V. Anjaneyulu :

Isolation of (24S)-3B-hydroxy ergost-5-en-21- oic acid from a Sclerophytum sp. Soft Coral. M. Kobayshi, B. Hari Babu and V. Anjaneyulu, *Chem. Pharm Bull* 40 (1), (1992), 233.

A new trihydroxy sterol, 24E-Methyl cholest-5-ene-3B, A22 (R), 25-triol from soft corals of Lobophytum sp. of the Indian Ocean, V. Anjaneyulu and B. Hari Babu, *Indian Journal of Chemistry*, 31B, 708 (1992).

Occurrence of 3-oxo-4,6,8 (14) - triunsaturated steroids in the sponge *Dysidea herbacea*, Masaru Kobayashi, Madala M. Krishna Koisuke Ishida and Valluripalli Anjaneyulu, *Chem. Bull* 40 (1) (1992), 72.

Oblusifoldienol from *M. Sylvania* Roxb, V. Anjaneyulu, M. Muralikrishna, B. Hari Babu and J. Suresh Babu, *Acta ciencia Indica*, XVII (1991), 395.

New Diterpenes from a new species of *Lobophytum* soft coral of the South Andman coast, C. Subrahmanayam, C.V. Rao and Dr. V. Anjaneyulu, P. Satyanarayana P.V. Subba Rao, R.S. Ward and A. Pelter, *Tetrahedron*, 48, 3111-20, (1992).

Dr. C. Subrahmanayam :

Synthesis of novel 5,6- and 2-3 fused aromatic 1-phenylnaphthalene lignan lactones. P. Satyanarayana, S. Venkateswarlu and C. Subrahmanayam. *Indian J. Chem.*, 30B, 351, 1991.

New diterpenes from a new species of *Lobophytum* soft coral of South Andaman Coast. C. Subrahmanayam, C. Venkateswara Rao, V. Anjaneyulu, P. Satyanarayana, P.V. Subba Rao, R.S. Ward and A. Pelter, *Tetrahedron*, 48, 3111. 1992.

Dr. P. Satyanarayana :

Synthesis of novel 5, 6 and 2, 3 fused aromatic 1-phenylnaphthalene lignan lactones. P. Satyanarayana, S. Venkateswarlu and C. Subrahmanayam, *Indian J. Chem.* 30 B, 351 (1991).

Oxidative aryl-aryl, aryl-benzyl couplings of lignan-reactions of phyllanthin and Halo derivatives with TFA, DDB Li/THF, Synthesis of Dibenzocyclooctadine system and phenyl tetralin *Tetrahedron* 47, 8277 (1991).

Reactions of furofuran lignans with DDQ : Production of rearranged products 4-pyrones, P. Satyanarayana, P. Koteswara Rao, K. Sethuramu, K.N. Viswanadham, & S. Venkateswarlu, *Indian J. Chem.* 30B, 825 (1991).

Isolation, structure and synthesis of new diaryl butane lignans from *Phyllanthus niruri* : Synthesis of S. Desmethoxy miranthin and an antifurone extractive, P. Satyanarayana and S. Venkateswarlu, *Tetrahedron* 47, 8931 (1991).

COLLEGE OF ENGINEERING

Department of Marine Engineering

(A) Papers Published :

(B) Papers Communicated :

Name of the Author	Title	Name of the Journal
1	2	3
1. Dr. S.P. Chary, Reader (Marine Engg.)	Design & Deve- lopment of Rot- ating Heat Pipes for thrust bear- ing cooling	8th International Heat pipe conference to be held at Beijing, China during September 14th - 18th, 1992
2. Dr. T. Subrah- manyam	1) Natural convec- tive from a ver- tical radiating fine of varying cross section.	proceedings of 11th National Heat and Mass Transfer confe- rence, I.I.T., Madras
	2) Conduction on a short fin.	8th International He- at pipe conference to be held in September 1992
3. Dr. D. Radha- krishna	1) Heave motion of TLP using Stokes 5th order theory	4th Indian Conference on Ocean Engineering N.I.O., Goa, Sept. 91
	2) Nonlinear dyna- mic Heave respo- nse on a T.L.P. using Founier approximation wave theory	conference on Intern- ational Society on Off-shore Engineering Singapore, Feb. 1993
4. Sri Ch. Satyana- rayana	Nonlinear Dyna- mic Heave respo- nse in a TLP using Founier approximation wave theory	Conference on Inter- national Society on Off-shore Engineering, Singapore, Feb. 1993

Department of Civil Engineering

(A) Papers Published :

Name of the author 1	Title 2	Name of the Journal 3
Prof. K.V.S. Appa Rao	Role of Engineering Colleges in Social Transformation - A Few suggestions -	ISTE XXI Convntion and Seminar on Technical Education in India - Promie, Performance - Ana University, Madas Dec. 14-16, 1991
	An Outline on Marine Geo-techniques	National Seminar on Off-shore Structures, Feb. 29-9, 1992, Andhra Unie-rsity
	Role of Geo-Tech-nical Engineer in Groundwafr Man-agement	All India Seminar on Ground wafr Management in Co-astal areas, Insti-tution of Enginers (I n d i a), Visaka-patnam Local Cotre, June 5-6, 192
Prof. A. Janaki Rao	Continuing Educa-tion Engineering Programme in India - A Review	V World Confe-nce of C.E.E., 25 June 1992, ESPO, Pinland
Sri C.V. Krishna Rao and Prof. R. Rama Rao	Cracked Buildings on clay - A Case Study	Proceedings of Na-tional Seminar on Foundation Prol-ems @ Remedial measures, Feb. 12 Madras
Prof. R. Rama Rao	Engineering Behav-iour of Visakha-patnam Marine clays	IGC-91 Surat

(B) Papers Communicated :

Prof. R. Rama Rao	Field Consolida-tion Behaviour of Marine clay	IGC-92, Calcutta
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1	2	3
Sri C.V. Krishna Rao and Prof. R. Rama Rao	Design and Construction of light structures on expansive soils	Proceedings of International Symposium on Structural failures and durability. Singapore - July 1993
Prof. H.B. Goli, Prof. V. Jagannadha Rao	Rehabilitation and Renovation of a Bridge	I.S.J, Sept. 1992 (Will be published)
Prof. V.B. Sarma Prof. H.B. Goli = Sri. M.G. Rama Rao	Rehabilitation of Prestressed Bridge	I.G.J, Sept 92 (Will be published)
Prof. V. Jagannadha Rao	Computation of Deformations in prestressed concrete wharfs	Proceedings of Naval Conference (Accepted for Publication)
Prof. K.V.S. Appa Rao	Maximum Dry Density prediction from soil classification data	Indian Highways
Dr. V. Viswanadham Sri K.V.V. Satyanarayana		

4. Department of Engineering Chemistry

(A) Papers Published

S.No.	Name of the Author	Title	Name of the Journal
1		2	3
1.	Prof. N. Krishna Murty, Ph.D. The s is submitted by students	Brucine as indicator 1) G.V.S. Narayana Rao 2) S. Ashok Kumar 3) K. Raghubabu	National Academy of Science 1991 Ph.D. awarded 1991. Ph.D. submitted 1st Sept. 92.
2.	Dr. K.V. Raju & G.B. Raju	Reductrimetric determination of Cu(II) with Fe(II) using some Redox indicators	Institution of Chemists, (India)

1	2	3
3. Dr. K.V. Raju & G.M. Goutham	Spectrophotometric titration of some oxazine dyes with Fe(II) in presence of Pyrophosphate	Mikrochimica Acta
4. Dr. K.V. Raju & G.B. Raju	Titrimetric determination of some oxazine dyes with Fe(II) in presence of Oxalate	Proc. National Acad., Science (India)
5. Dr. K.V. Raju & G.B. Raju	Reductimetric determination of some Thiazine dyes with Fe(II) in presence of Oxalate	Indian Journal of Chemistry

(B) Papers Communicated

1. Dr. K.V. Raju & G.B. Raju	Spectrophotometric titration of some oxazine dyes with Fe(II) in presence of Oxalate	Analytic Chimica Acta
2. Dr. K.V. Raju & G.D. Sudhakar	Resorufin as a New Redox indicator in the Determination of Some Metal Ions	Abstract communicated for presentation in an International conference

Engg. Chemistry

A. Books Published Including those in Press : Nil

B. Research Papers Published in Professional Journals :

Sl.No.	Name of the Author	Title	Name of the journal
1	2	3	4
1.	Dr. K.V. Raju & G.B. Raju	Reductrimetric determination of Cu (II) with Fe (II) using some Redox indicators.	institution of Chemists (India)

1	2	3	4
2.	Dr. K.V. Raju & G.M. Goutham	Spectrophotometric titration of some oxazine dyes with Fe(II) in presence of pyrophosphate.	Microchimica Acta
3.	Dr. K.V. Raju & G.B. Raju	Titrimetric determination of some oxazine dyes with Fe (II) in presence of oxalate	Proc. National Acad., Science (India)
4.	Dr. K.V. Raju & G.B. Raju	Reductimetric determination of some Thiazine dyes with Fe (II) in presence of Oxalate.	Indian Journal of Chemistry.

P.G. EXTENSION CENTRE, NUZVID

1. Department of Applied Mathematics

(A) Papers Published :

Name of the Author 1	Title 2	Name of the Journal 3
1. Dr. S.V.R. Naidu	1) Coincidence points for multi-maps in a metric space 2) Coincidence point theorems for set-valued maps on a topological space	Math. Japonica 37, No.1 (1992) 179-187 Indian J. pure appl. Math. 22 (10) 833-837 October, 1991
2. Dr. K. Rama Mohana Rao	'Magnetic symmetry in quasicrystals'	Journal of Physics: C (Condensed Matter) 1992 Vol. 4, pp. 5997-6008
3. Dr. V.C. Chenchu Raju	Magneto Micropolar Flows	Acta Ciencia Indica Vol. XVII

	1	2	3
4.	Dr. M.S.N. Murty and Dr. D.R.K.S. Rao	1) Application of generalized Inverses to two point boundary value problems	Bull. Inst. of Maths. Academia Sinica, Vol. 19, No. 3, pp. 271-278.
	Dr. M.S.N. Murty and C.V. Prasad	2) Two point PVP's for second order system	Bull. Calcutta Math. Society, Vol.82, pp. 513-518.
5.	Dr. K. Pandu Ranga Rao	1) Some coincidence and common fixed points for self maps	Bulletin of the Institute of Mathematics Academia Sinica, Vol. 19, No.3, 1991, pp. 243-250.
	Dr. K. Pandu Ranga Rao and Dr.I.H.N. Rao	2) Common fixed points of four mappings in 2-metric spaces	Bulletin of Pure and Applied Sciences, IOE (1-2) (199), pp. 13-18.
(B) Papers Communicated :			
1.	Dr. K. Pandu Ranga Rao	1) Common fixed point theorem in uniform spaces	Acta Ciencia Indica (Accepted)
		2) Common fixed point theorems in metric linear and uniform spaces	J. Natural Physical Sciences (Accepted)

Department of Physics

A. Paper Published :

Name of the Author	Title	Name of the Journal
1	2	3
1. Dr. A.V. Sarma and N. Someswara Rao	Emission inventory and drinking water quality assessment in Tiruchirapalli city	Presented at the National Seminar on Impact of Industries of Environment Chemistry Department, A.U. Waltair, DEC 91.

1	2	3
2.. PVS Rama Rao and DSVVD Prasad	Characteristics of TIDS observed in TFC over Waltair	Indian Journal of Radio and Space Physics, Vol. 21, No. 1, P. 47-52, Feb 1992.
3. PVS Rama Rao, DSVVD Prasad, P. Sriram and P. T. Jayachandran	Multistation VHF scintillation studies from equator to low latitude	Proc. National Space Science symposium, Physical Research Laboratory, Ahmedabad, March 1992
4. N. Veeraiah, A.V. Sarma and J. Sreeramamurthy	Effect of X-ray irradiation at Elevated temperatures under D.C. fields on the Dielectric relaxation effects of LiF single crystals	Journal of Pure and Appl. Physics, Vol. 4, No. 3, PP. 129. 1992
5. N. Veeraiah	The differences between γ -ray and X-ray irradiations on optical absorption and Thermoluminescence properties of Calcite single crystals	Presented at IX National Symposium on Radiation Physics held at O.U., Hyd., November 27-29, 1991.
B. Paper Communicated :		
P.W.S. Rama Rao, BW Ramana Rao and DSVVD Prasad	Study of Ionospheric electron content depletions associated with amplitude scintillations	Radio Science, 1992
N. Veeraiah, J. Sree Rama Murthy and K. Hanumantha Rao	Dielectric dispersion in aluminium doped Zinc - Manganese ferrites	J. Mat. Science

Department of Chemistry

(A) Papers Published :

Name of the Author 1	Title 2	Name of the Journal 3
1. Prof. U. Murali-krishna	Spectrophotometric Determination of Niobium through Heteropoly-blue formation.	Journal of Indian Chemical Society Vol. 68, October 1991, pp. 585-587.
-do-	Photometric determination of Ascorbic Acid.	Chem. and Environ. Research 1 (2), 1992 p.7.
2. Dr. K. Somasekhara Rao	Monitoring the Ground waters of Musunur Mandal Krishna Dt.	Journal of Pollution Research 10 (3) 1991, p. 165.
-do-	Hexacyanoferrate (III) as an oxidant for the titrimetric determination of benzoyl hydrazine	Asian Journal of Chemistry Vol 4,2, 1992 p.84.
3. Dr. C. Ram-babu	Monitoring the ground waters of Musunur Mandal Krishna Dt.	Journal of pollution Research 10 (3) 1991 p. 165.
-do-	Hexacyanoferrate (III) as an oxidant for the titrimetric determination of benzoyl hydrazine.	Asian Journal of Chemistry Vo. 4,2, 1992 p. 384.

(B) Papers Communicated :

1. Prof. U. Murali-krishna	Paper accepted presentation at 203rd Indian Chemical Society (San Francisco) April 5-10, 1992.	Spectrophotometric determination in photographic materials.
-do-	A reagent for the photometric determination of molybdenum (V)	Inst. of Chemists (India)

1	2	3
Prof. U. Muralikrishna	Spectrophotometric determination of Vanadium in Steel-samples through the formation of heteropoly acid.	Chemla Analytica Polytechnica Warszawaka. Wydizal Chemiczny.
-do-	'Photometric Titration Hydroquinone'	Oriental Journal of Chemistry.
2. Dr. K. Somasekhara Rao	Studies of the suitability of clay in and around Nuzvid for tiles industry.	Indian J. of Chemical Society.
-do-	Photometric determination of benzoyl and salicyloyl hydrazines with vanadium (V)	Asian Journal of Chemistry
-do-	Preparation and Characterisation of ZrO_2 supported hydrotreating catalysts derived through PFHS Method.	Journal of Applied Catalysis 1992
-do-	Characterisation and evaluation of $\gamma-Al_2O_3$ supported hydrotreating catalysts prepared through PFHS Method.	Journal of Catalysis 1992
-do-	Characterisation of active carbon supported MoS_2 and related hydrotreating catalysts derived through PFHS Method.	Journal of Molecules catalysis 1992
-do-	ESR Studies of MoS_2/ZrO_2 catalysts.	Indian Journal of Chemistry 1992

1	2	3
Dr. K. Somasekhara Rao	Magnetic characterisation of hydrotreating catalysts derived through PFHS Method.	Acta Ciencia Indica 1992
do-	Ground water quality of in Challapalli Mandalam Krishna Dt.	Indian Journal of Environmental protection.
3. Dr. C. Rambabu	Titrimetric determination of Benzoyl and salicyol hydrazine using vanadium (V) Presented at the 10th Conference of ICC held at Goa University, Goa during 28-30 October 1991 Studies of the suitability of clay in and around Nuzvid for tiles industry. Photometric determination of benzoyl and salicyloyl hydrazines with vanadium (V) Groundwater quality in Challapalli Mandalam, K. Dt.	Indian Journal of Chemical society. Asian Journal of Chemistry. Indian J. of Environmental protection,

P.G. Centre, Nuzvid

A. Books Published Including those in Press :

Name of the Author 1	Title of the Book 2	Name of the Journal 3
Dr. K. Somasekhara Rao	Unified Chemistry Part I, 1991 Unified Chemistry Part II, 1992	Kalyani Publishers. -do-

B.. Research Papers Published in Professional Journals

1.. Prof. U. Muralikrishna :

- a) Spectrophotometric Determination of Nb through heteropoly blue formation *Jl. Indian Chem. Soc.* 68 (1991) 586.
- b) Spectrophotometric Determination of Ascorbic Acid *Chem. and Environ Research I* (1992) 7.
- c) A reagent for the photometric determination of Mo (V) *Inst. of Chemists (India)* (Accepted)

2.. Dr. K. Somasekhara Rao :

- a) Monitoring the Ground Water of Musunur Mandal, Krishna District *Journal of Pollution Research* 10 (3) 1991, p. 165.
- b) Hexacyanoferrate (III) as an oxidant for the titrimetric determination of benzoyl hydrazine *Asian Journal of Chemistry* Vol. 4, 2, 1992 p. 384.
- c) Studies of the suitability of clay in and around Nuzvid for tiles industry *Indian J. of Chemical Sciences*
- d) Photometric determination of benzoyl and salicyloyl hydrazines with vanadium(V) *Asian Journal of Chemistry*
- e) Preparation and characterisation of ZrO₂ supported hydrotreating catalysts derived through PFHS Method *Journal of Applied Catalysis* 1992
- f) Characterisation and evaluation of γ -Al₂O₃ supported hydrotreating catalysts prepared through PFHS Method *Journal of Catalysis* 1992
- g) Characterisation of active carbon supported MOS₂ and related hydrotreating catalysts derived through PFHS method *Journal of molecules catalysis* 1992
- h) FSR studies of MOS₂/ZrO₂ catalysts *Indian Journal of Chemists* 1992
- i) Magnetic characterisation of hydrotreating catalysts derived through PFHS method *Acta Ciencia Indica* 1992
- j) Ground water quality of in Challapalli Mandalam, Krishna Dt. *Indian Journal of Environmental Protection*

3. Dr. C. Rambabu :

- a) Monitoring the Ground Water of Musunur Mandal-Krishna Dt. (A.P.) Poll. Res. 10 (3) 165-171 (1991)
- b) Hexacyanoferrate (III) as an oxidant for the titrimetric determination of benzyl hydrazine Asian J. Chem. Vol. 4 No. 2, 384-386 (1992)
- c) Monitoring the Ground Waters of Musunur Mandal, Krishna Dt. Journal of Pollution Research 10 (3) 199 p. 165.
- d) Studies of the suitability of clay in and around Nuzvid for tiles Industry Indian Journal Chemical Sciences
- e) Photometric determination of benzoyl and salicyloyl hydrazines with Vanadium (V) Asian Journal of Chemistry

C. Details of the Papers and Presented at Seminars, Workshops, etc. :

1. Prof. U. Muralikrishna :

- a) Accepted for presentation at 203rd American Chemical Society (Sanfraneisco) April 5-10, 1992.
- b) "Spectrophotometric determination of Hydroquinone in photographic materials."

2. Dr. K. Somasckhara Rao :

- a) Attended National Seminar on Nuclear Power and National workshop on Radiochemistry and applications & Radioisotopes Sept. 2, 1991 held at S.V.U. Engg. College.
- b) Attended the training programme in Entrepreneurship for teachers of Engg. and Science and polytechnics Sept. 9-2, 1992 held at Hyderabad.
- c) Presented a paper on Monitoring the ground water of Musunur Mandal, Krishna Dt. at National Workshop on Kolleru Environment information systems, Oct. 4-5, 1991, held at J.N.T. University, Hyderabad.
- d) Presented a paper on Determination of selenate by hexamine silver selenate from homogeneous solution at 10th annual conference of ICC held at Goa from Oct. 28-30, 1991

3. Dr. C. Rambabu :

- a) Titrimetric Determination of Benzoyl and salicyloyl hydrazine using Vanadium (V)
- b) Presented at the 10th Conference of ICC held at Goa University, Goa during 28-30, October 1991.

**D. Scholarly Work undertaken on a long time
Basis and Progress Made if Any**

Research project or schemes with details of Teacher-in-charge
other teachers associated sponsors, cost, etc. : Nil

Teaching Staff Changes :

- A.. Name of Teachers on Deputation : Dr. R. Venkateswarlu,
Reader
- B. Names of Visiting Professors : Nil
- C. Name of Teachers who were granted lien on their posts : Dr. R. Venkateswarlu,
Reader
- D. Names of Teachers appointed during this year cadrewise : Nil
- E. Names of Teachers Resigned : Nil
- F. Names of Teachers Retired : Nil

Deputation of Teachers and Research Scholars to :

- A. Congress Conferences, Seminars, Workshops.
B. Meeting Convened by Outside Organisations.

Enrolment in Research :

Name of the Candidate 1	Subject of Research 2	Name of the Director 3
1. Ph.D. (Part-time) Sri P. Rama Mohana Rao	Chemistry	Dr. C. R a m b a b u, Director Dr. K. Somasekhara Rao, Co-director
2. M.Phil. (Full-time) Sri L. Venkateswara Rao		Dr. K. Somasekhara Rao
Miss D. Padmavathy		-do-
Sri M. Srinivasa Reddy		Dr. P. Atchuta Ramaiah
Sri G. Subrahmaneswara Rao		-do-
Sri T. Anjaiah		-do-
Sri K. Suresh Babu		Dr. C. Rambabu
Smt. V. Joythirmayi		-do-
Smt. V. Annapurna (Part-time)		-do-
Sri V. Ankaraju (Part-time)		Dr. K. Somasekhara Rao
Smt. D. Padmavathy		-do-

B. Part-time Research Teachers from the Department : Nil

C. Part-time Research Teachers from the Affiliated Colleges :
Sri P. Rama Mohana Rao, Hindu College, Machilipatnam

No. of Ph.D. Degree Awarded :

Name of the Candidate	Title of the Thesis	Year of Award	Main area of Research
Nil			

Name of the Ph.D. :

Name of the Candidate	Title of the Thesis	Year of Main area of Submission Research
Sri V.V.D N. Prasad	“Preparation Characterisation and evaluation of Hydrotreating catalysts derived through precipitation from Homogeneous solution (P F H S) Method.”	1991

Department of Physics

A. Books Published Include Those in Papers : Nil

B. Research Paper Published in Professional Journals :

Name of the Author	Title	Name of the journal
1	2	3
1. Dr. A. V. Sarma and N. Someswara Rao	Emission inventory and drinking water quality assessment in Tiruchirapalli city	Presented at the National Seminar on Impact of Industry on Environment Chemistry Dept. Andhra University, Waltair.

1	2	3
2.. P.V.S. Rama Rao and D.S. V. V. D. Prasad	Characteristics of TIDS observed in TFC over Waltair	Indian Journal of Radio and Space Phys., Vol. 21, No. 1, P. 47-52 Feb. 1992.
3.. P.V.S. Rama Rao, D.S.V.V.D. Prasad, P. Sriram and P. T. Jayachandran	Multistation VHF scintillation studies from equator to low latitude	Proc. National Space Science Symposium, Physical Research Laboratory, Ahmedabad.
4. N. Veeraiah, A.V. Sarma and J. Sreeramamurthy	Effect of X-ray irradiation at Elevated temperatures under D.C. fields on the Dielectric relaxation effects of LiF single crystals	Journal of Pure and App. Phys. Vol. 4, No. 3, PP 129.
5. N. Veeraiah	The differences between Y-ray and X-ray irradiations on optical absorption and Thermoluminescence properties of Calcite single crystals	Presented at IX National Symposium on Radiation Physics held at OU. Hyderabad.
6. P.V.S. Rama Rao B.V. Ramana Rao and D.S.V.V.D. Prasad	Study of Ionospheric Electron content depletions associated with amplitude scintillations	Radio Science, 1992. (being communicated)
7. N. Veeraiah, J. Sree Ramamurthy and K. Hanumantha Rao	Dielectric dispersion in aluminium doped zinc-Manganese ferrites	J. Mat. Science. (being communicated)

D.N.R. COLLEGE, BHIMAVARAM

(A) Papers Published :

Name of the Author	Title	Name of the Journal
1. B.V. Seshagiri Rao, S. Girijakumari and B. Ratnamala	On the systematics and Natural distribution of the climbing perch, <i>Anabas oligolepis</i> Bleeker, 1855 (Osteicnthyces : Anabantidae)	Current Trends in Fish and Fishery Biology and Aquatic Ecology. Proceedings of the 1st National Seminar on Fish and their Environment. The University of Kashmir, Srinagar, India
2. Sanjeeva Rao, P., M.A., M.Phil. and Dr. K.S. Chalam, M.A., Ph.D.	Agricultural Price Policy Some unsettled issues	Agricultural Marketing perspective and issues. Edited by: L.P. Singh, Subhash Garg. Published by: Arihant Publishers, Jaiipur (India), 92.
3. J.V. Subba Rao, M. Com., M.Phil.	Credit Management in Vysya Bank - A case study of Visakha Branch	Submitted to Dept. of Commerce and Management studies (A.U.)

K. G. R. L. COLLEGE, BHIMAVARAM

(A) Papers Published :

Name of the Author 1	Title 2	Name of the Journal 3
K.V.Karunakar, Dept. of Zoology, K.G.R.L. College, Bhimavaram	Studies on the structure and biology of cercariae larvae in sands of Kolleru Lake at Chatakaya area	Kolleru Environment Information System. Centre for environment. Jawaharlal Nehru Technological University, Hyderabad. Published: Oct., 91.

(B) Papers Communicated :

1	2	3
-Nil-	-Nil-	-Nil-

IRAJAH R.S.R.K. RANGA RAO COLLEGE, BOBBILI

Papers published: Nil

Name of the Author 1	Title 2	Name of the Journal 3
-------------------------	------------	--------------------------

Papers Communicated: Two

Gomatam V.S.Acharyulu	Matrix Representable so-rings	Semigroup Forum
Gomatam V.S.Acharyulu	Ideals in so-monoids	The southeast Asian Bulletin of Mathematics

St. Theresa's College for Woman, Eluru

(A) Papers Published :

Name of the Author 1	Title 2	Name of the Journal 3
-------------------------	------------	--------------------------

Dr.Sr.P.Chinnamma	A Comparative study of the performance of Degree Colleges under different Managements in Coastal Andhra Pradesh	Osmania University Press, Hyderabad on 31-3-1992.
-------------------	---	---

(B) Papers Communicated :

Nil

SIR CRR COLLEGE, ELURU

List of Articles Published by Dr. L. Krishna Veni, Lecturer :

Sl. No.	Name of the Journal	Title
1.	Southern Economist, January 15, 1992.	Changes in India's Tax Structure.
2.	Southern Economist, February 1, 1992.	An Appraisal of India's Public Expenditure
3.	Indian Express (Daily) 09-07-1991	Need for more pulse production
4.	Indian Express (Daily) 23-07-1991	Making Devaluation More Efficacious.
5.	Indian Express (Daily) 06-08-1991	Budget a sincere effort
6.	Indian Express (Daily) 13-08-1991	Insufficient Output of oil seeds
7.	Indian Express (Daily) 17-09-1991	Radical Industrial Policy
8.	Indian Express (Daily) 08-10-1991	Impact of Rising Inflation
9.	Indian Express (Daily) 22-10-1991	Anti-inflationary measures
10.	Indian Express (Daily) 19-11-1991	A Case of New International Economic Order
11.	Indian Express (Daily) 14-01-1992	Implications of Foreign Equity
12.	Indian Express (Daily) 04-02-1992	Feasibility of Tax on Farm Income
13.	Indian Express (Daily) 22-02-1992	Recent changes in Public Distribution System
14.	Indian Express (Daily) 12-05-1992	An Appraisal of New Exim Policy.
15.	Indian Express (Daily) 19-05-1992	Recent Changes in Monetary Policy
16.	Indian Express (Daily) 30-06-1992	How free should be free market ?

SIR C.R.R. COLLEGE, ELURU

Post gradugate Courses

Sl. No.	Name of the Course	Name of the Faculty Member	Details of Research Work done. M. Phil./Ph.D. articles published	Conferences/ workshops attended
1	2	3	4	5
1.	M. Com.	Dr. T.V. Ramana Rao		XLV-All India Commerce Conference at Bangalore (29,30,31 May, 1992)
2.	M. Com.	Sri C. Bujji Sastry	M. Phil. (Andhra University) 1991	XLV-All India Commerce Conference at Bangalore 29,30,31 May, 1992)
3.	M. Com.	Sri K. Sreemannarayana	Awarded M.Phil. Degree in June, 1991 from Andhra University, Waltair	XLV-All India Commerce Conference at Bangalore (29,30,31 May, 1992)
4.	M. Com.	Sri N.S. Srinivasan		Visited July 1992 to September 1991 : 1. University of Lagos (Nigeria) 2. University of Ibadan (Nigeria) 3. London School of Economics (London-U K)

1	2	3	4	5
5.	M. Com.	Sri Ch. S.D. Prasad	Ph.D. Thesis submitted on 6-2-92	Attended All India Economic Conference held at S.K. University, Anantapur, December, 1991.
6.	Lecturer in Library Science	Sri L. Venkateswara Rao		<ol style="list-style-type: none"> 1. Attended IATLIS Seminar held at Visakhapatnam in August, 1991 2. Attended ILA workshop on computer applications in Libraries held at Sir CRR College, Eluru in September, 1991
7.	H.R.M.	Sri M. Sreemannarayana	Under Lien (ICSSR)	
8.	H.R.M.	Sri A. Kishore Babu	M. Phil. Dissertation submitted on 1-2-1992 waiting for results.	
9.	M.A. (Economics)	Dr. L. Krishna Veni	Published 16 articles (list enclosed)	
10.	M.A. (Economics)	Sri K. Sivaji	M. Phil. Degree awarded in April, 1992 "Evaluation of Single Window System, Andhra Pradesh : A Case study of East Godawari District," Andhra University, Waltair	

1	2	3	4	5
11.	Management Studies	Sri M.S.G.K. Murthy	Phil. work completed and submitted	AIMS 3rd convention attended
12.	Management Studies	Sri R. Purnachandra Rao		Participated in 4th AIMS convention
13.	Management Studies	Sri B K.S. Prakasa Rao	M. Ph.d. Degree received	1. Participated in AIMS 4th convention 2. Participated in workshop on Research Methods in Social Sciences conducted by ICSSR
14.	M.A. (Politics)	Sri K. Ramachandra Murthy		"Orientation Courses conducted by Academic Staff College, A. U. Waltair
15.	M.A. (Politics)	Sri Md. Ghouse Mohiddin	M. Phil. awarded (1991)	
16.	M.A. (Politics)	Sri M. Panduranga Rao	M. Phil. submitted on 13th April, 1992	
17.	M.A. (Politics)	Sri B.V.V. Bala Krishna	M. Phil. awarded (1990) 'Chelikani Ramarao Jeevitham' (a political study) published by Visalandhra Publications, Hyderabad.	

IDEAL COLLEGE OF ARTS & SCIENCES, KAKINADA

- (a) Papers Published : Nil -
- (b) Papers Communicated :

Name of the Author	Title	Name of the Journal
Thomas Wolfe	"Self and Society: A Thematic Study of Thomas Wolfe's Major Novels."	Ph.D. Dissertation.

A.S.N.M. DEGREE COLLEGE, PALAKOL

- (a) Papers Published :

Name of the Author	Title	Name of the Journal
Sri R.S. Venkateswar Rao	తెలుగువ్యూహరాలజీలో అధిష్టేపం	తెలుగు వైజ్ఞానిక మాస పత్రిక
Department of Telugu		తెలుగు జ్ఞాన డివిజన్ హైదరాబాద్

- (b) Papers Communicated :

Sri R.S. Venkateswar Rao	అధునిక తెలుగు సాహిత్యంలో అధి కేష థో రణులు-కందుకూరి అన్నమాచార్య త్రిక రణ ఒకలెస్క అధిష్టేపం	తెలుగు వైజ్ఞానిక మాస పత్రిక తెలుగు జ్ఞాన డివిజన్ హైదరాబాద్
Department of Telugu		తెలుగు జ్ఞాన డివిజన్ హైదరాబాద్

SRI G.S. KRISHNA MEMORIAL LAW COLLEGE
RAJAHMUNDRY

- (a) Papers Published :

Name of the Author	Title	Name of the Journal
T. Nagabhushanam	A case for making the adulteress punishable under Sec. 497 of the Indian Penal Code.	Lawyer, July 1991.

S.K.S.D. MAHILA KALASALA, TANUKU

(a) Papers Published :

Name of the Author	Title	Name of the Journal
1) Smt. B.T.S. Manikyamba, Lecturer in History.	Weavers Textiles and Weaving Communities based on literary sources between 12th C. to 19th C. M.Phil.	
2) Smt. K. Radha Pushpavathi, M.A, B.Ed., Lecturer in Economics.	Performance Evaluation of the District Central Co-operative Bank, Eluru. M.Phil.	

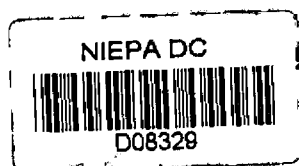
B) Papers Communicated : Nil

S.K.R. COLLEGE FOR WOMEN, RAJAHMUNDRY

Title : Contribution of Krovvidi Lirgaraju

To Freedom Movement and Contemporary Political events as a Journalist and writer.

A paper presented at the 52 Session of the Indian History Congress - New Delhi - 21-23 February 1992.



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