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COMPUTERISED

**NORTH-EASTERN HILL UNIVERSITY**  
SHILLONG

**SIXTEENTH ANNUAL REPORT**



**1989-90**

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**NORTH-EASTERN HILL UNIVERSITY**

**SHILLONG**

**SIXTEENTH ANNUAL REPORT**



**1989-90**

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## FOREWORD

The North-Eastern Hill University has entered its Seventeenth year. The University has registered all-round progress in its academic and developmental programmes. Various conferences, seminars, symposia were organised by different departments and centres in the University with a view to promoting regional and national co-operation, awareness and exchange of knowledge and ideas.

During the period of 1989-90, the following affiliated colleges were brought under permanent affiliation by the University.

1. Post-graduate Training College, Shillong, Meghalaya.
2. Kolasib College, Kolasib, Mizoram.
3. Serchhip College, Serchhip, Mizoram.
4. Dimapur College, Dimapur, Nagaland.
5. Mendipathar College, Mendipathar, Meghalaya.

The University through the College Development Council have also granted affiliation, extension and up-gradation to the following colleges :

1. Women's College, Shillong had been upgraded for starting B. A. Pass Course for three years (1989-90).
2. Aizawl North College, Aizawl have been provisionally affiliated for a period of one year for starting P. U. (Arts) Classes.
3. Nongstoin College, Nongstoin have been given provisional affiliation for starting B. A. (pass) Course for three years.
4. Govt. Aizawl College, Aizawl, Mizoram have been given provisional affiliation for a period of three years for teaching Science subjects in P. U. level.
5. Raid Laban College, Shillong have been given provisional affiliation, for a period of three years for opening the Degree (Pass) Class in Commerce (B. Com.).
6. Public College of Commerce, Dimapur had also been granted provisional affiliation for conducting P. U. course in Commerce, for a period of three years.
7. Affiliation of NERIST by NEHU.

The College Development Council of the University has also formulated a scheme of Faculty Exchange Programme. This programme envisages the opportunity of college teachers to come to the University Departments for a greater exposure and improving the horizon of knowledge. So also university teachers on request from the colleges may go to assist a particular faculty/discipline of the college for a short period.

The Council also is now striving hard to enlist the eligible colleges under Section 12 (f) of the U. G. C. Act to enable those colleges to receive grants etc.

The question of introducing the three years integrated Degree Course from 1990-91 session will be taken up in the Principals' Conference to be held on 20.7.90.

During the year, proposals as to creation of endowment have been received from outside persons. These will add to the already existing endowments of six numbers already with University. The new proposals are :

1. Cash of Rs. 25,000/- (Twentyfive thousand) only, from Shri V. R. Krishna Iyer, former judge of the Supreme Court received on 19.12.89 to be utilised by the University for one of the two purposes out of the annual proceeds of its Investment as (1) A prize to the best lady student at the Master Degree level in Political

Science or for the Annual Lecture by the 'Nehru Club', on any subject the V. C. chooses. The proposal is being processed through the Statutory bodies of the University.

2. A sum of Rs. 5,100/- (Rupees five thousand and one hundred) only was received on 22.3.90 from Mrs. A. K. Khare, her son and daughter requesting the University to establish 'The Professor M. K. Khare Memorial Prize' in memory of Professor M. K. Khare, Zoology Department who expired while in service with NEHU. This proposal had been placed to the Executive Council for its decision. From the interest of the sum, a prize be given to a student securing highest percentage of Mark in M. Sc. Zoology, with effect from 1991 onwards.

The year under report has also shown progress in respect of Campus and Engineering cell of the University as under :—

Construction of 200 seated boys' hostel and 100 seated girls' hostel will be completed by March 1990. In addition construction of the three unit hostel building with 102 beds and two dining halls were completed at an estimated cost of Rs. 315.90 lakhs.

Construction of 150 staff quarters in addition to the 50 quarters already completed were undertaken.

Construction of the USIC Workshop was completed while that of the lecture hall complex is fast nearing completion.

The construction work in Nagaland Campus, Kohima have been kept in abeyance, due to administrative reasons.

The construction of Building complex at Mizoram Campus as per provision of the VII Plan, was prepared at an estimated cost of Rs. 1.71 crores by an architect and sent to NEC. Work will be taken up when cleared by NEC.

Construction of a 50 bed hostel at Mizoram Campus is nearing completion. The construction work in the permanent campus for Science complex, RSIC and USIC have been taken up.

The following Conferences, Seminars and Workshops, were organised during the year under report :—

1. The Indian Council of Historical Research in collaboration with the History Department of NEHU, organised a workshop on 'National Movement in India' from 17th to 31st August, 1989, for the college teachers of the seven states of North-Eastern India. This workshop was intended to familiarize the participants with the new concepts of historical writings of National Movement and to introduce them to the undergraduate courses. It was attended by 34 college teachers from different parts of N. E. India.
2. The Decennial session of the North East India History Association was held at the North-Eastern Hill University, Shillong from 12th to 14th October, 1989, at the Seminar Complex, NEHU Campus, Shillong. There were altogether 186 registered delegates, besides, the Guest-participants, teachers and students of the University.
3. A three-week workshop on the Ethnography of communication was organised by the Department of Anthropology, NEHU, Shillong in collaboration with the Central Institute of Indian Languages, Mysore, from 30th October to 18th November, 1989.
4. The Centre for Eco-development, NEHU organised a two-day workshop/training course on 'Environmental problems of East Khasi Hills District of Meghalaya', on 27th to 28th November, 1989. The workshop was sponsored by the Ministry of Environment and Forests, Govt. of India, New Delhi, under the national environmental awareness campaign, 1989.

5. The Centre for Literary and Cultural Studies, NEHU, Shillong, organised a symposium on "Inter-Disciplinary Approach to Folklore Studies", on 5th December, 1989, at the Seminar Hall, NEHU, Shillong, Mayurbhanj Complex.
6. A Seminar on 'Autonomy for Akashvani and Doordarshan', sponsored by the Indian Institute of Mass Communication, New Delhi was organised by NEHU at Shillong on the 16th and 17th March, 1990.
7. A three-day training-cum-workshop on MPFL, was organised from 14th to 16th March' 1990 by the Centre for Adult and Continuing Education, NEHU, Shillong in collaboration with the Directorate of Adult Education, M. H. R. D, Govt. of India, New Delhi.

During the year, Prof. H. Junjappa, Department of Chemistry, NEHU was elected as Fellow of the India National Science Academy (FNA), New Delhi, for the year 1990, and also as Fellow of the Indian Academy of Science, Bangalore (F.A.Sc), for the year 1988. Prof. M. K. Choudhuri, Department of Chemistry, NEHU was elected as F. A. Sc. for the year 1987. It was worth mentioning that both the Professors have achieved the distinction for research done entirely in the Department of Chemistry, NEHU, with meagre facilities and as such, their achievements were all the more creditable. Prof. H. Junjappa has won the distinction for his significant contribution to the development of New Synthetic Methodologies in Organic Chemistry which will have potential application in the pharmaceutical industry. Prof. M. K. Choudhuri's contribution has been in the sphere of Synthetic and structural, Inorganic Chemistry. Their respective contributions and awards of distinction have brought recognition and credit to the University as a whole.

The year under report also witnessed the presentation of the "I. S. C. A. Young Scientist's Award", to Dr. Nirmalendu Saha, Lecturer, Department of Zoology, NEHU, for the year 1990, for his scientific research—the presence of a functional Urea Cycle in some Indian Fresh Water air-breathing fishes, which was earlier reported to be either absent or non-functional in these. This finding disproves the earlier 'Gene-deletion' hypothesis, proposed by two American Scientists, Brown and Cohen, in 1960.

NEHU Publication has been able to release the following books, during the year under report ;

1. Verrier Elwin :  
Philanthropologist (edited by Nari Rustomji) in association with Oxford University Press.
2. Nehru and the North-East.
3. The Web of Poverty by B. D. Sharma.

Prof. Iqbal Narain, Vice-Chancellor, NEHU ; released :

"Peasant and Peasant Protest in India", the first book in NEHU Sociology series, edited by Prof. M. N. Karna on 7th December, 1989.

During the year under report, the University also witnessed the sad pre-mature demise of Dr. M. C. Joshi, Dean, School of Agricultural Sciences and Rural Development, Medziphema, under tragic circumstances, at Medziphema Campus, on 19th February, 1990.

The University had also received a new Chancellor, Dr. C. N. R. Rao, Director, Indian Institute of Science, Bangalore. He had been appointed by the Visitor for a term of five years with effect from 9th March, 1990.

Iqbal Narain  
Vice-Chancellor  
North-Eastern Hill University.

Dated, Shillong,  
22nd January, 1991.

## NEHU Organisational Structure :

Visitor	...	President of India.
Chief Rector	...	—
Chancellor	...	Dr. C. N. R. Rao
Vice-Chancellor	..	Prof. Iqbal Narain
Pro-Vice-Chancellor	..	Shillong Campus .. Prof. R. G. Michael Nagaland Campus .. Mr. Kiremwati Ao Mizoram Campus .. Prof. A. K. Sharma (Acting).

### Dean of Schools

School of Languages	—	Prof. S. Homchoudhury
School of Education	—	Prof. (Mrs) K. S. Lyngdoh
School of Life Sciences	—	Prof. K. Chatterjee
School of Physical Sciences	—	Prof. A. L. Verma
School of Environmental Sciences	—	Vice-Chancellor
School of Social Sciences	—	Prof. J. B. Bhattacharjee
School of Agricultural Sciences and Rural Development	—	Pro-Vice-Chancellor Nagaland Campus
School of Library and Information Science	—	Prof. J. C. Binwal

### Heads of Departments (Shillong):

Anthropology	—	Prof. A. P. Sinha
Bio-Chemistry	—	Prof. R. Lalthantluanga
Botany	—	Prof. Y. S. Chauhan
Chemistry	—	Prof. (Mrs) H. Ha
English	—	Prof. N. Hassan
Education	—	Dr. (Mrs) M. S. Padma
Economics	—	Prof. K. Bez
Geography	—	Dr. A. C. Mahapatra
History	—	Prof. Imdad Hussain
Khasi	—	Dr. H. W. Sten
Library and Information Sciences	—	Prof. J. C. Binwal
Mathematics	—	Dr. Vijay Kumar
Philosophy	—	Prof. (Mrs) S. Miri
Political Science	—	Prof. R. L. Walli
Physics	—	Prof. Y. S. T. Rao
Sociology	—	Prof. A. C. Sinha
Zoology	—	Prof. B. K. Ratha

### Heads of University Departments (Nagaland Campus):

Commerce	—	Dr. V. K. Kumar
Geology	—	Dr. P. Kachara
History & Archeology	—	Dr. N. N. Acharya
Linguistics	—	Prof. (Mrs) J. War

### Heads of Campus Department (Nagaland)

English	—	Dr. K. T. Viswanath
Education	—	Dr. S. K. Gupta

### Heads of University Departments (Mizoram):

Psychology	—	Dr. L. N. Singh
Public Administration	—	Prof. A. K. Sharma

## **Heads of Campus Departments (Mizoram)**

English	— Dr. S. Ganguly
Education	— Dr. R. S. Wangu
Economics	— Dr. K. K. Upadhyay

## **Departments in the School of Agricultural Sciences and Rural Development (Medziphema)**

Horticulture	— Prof. P. L. Kar
Soil Conservation	— Prof. B. S. Chauhan
Rural Development & Planning	—
Animal Science	—

## **Centres**

Centre for Creative Arts	— Dr. H. B. Kynta
Centre for Adult & Continuing Education	— Dr. M. C. Pandey
Centre for Eco-Development	— Dr. B. K. Tiwari
Centre for Science Education	— Dr. Man Mohan Singh
Centre for Literary & Cultural Studies	— Dr. Soumen Sen
Centre for Regional Sophisticated Instrumentation (R. S. I. C.)	— Dr. D. T. Khathing
Centre for Distant Education	— Dr. B. K. Dev Sarma
Centre for Applied Statistics	— Mrs. G. Das
Centre for Computer Science	— Prof. P. Shukla
Centre for University Science & Instrumentation (U. S. I. C.)	— Dr. B. N. Mehrotra
Registrar	— Sri. H. W. T. Syiem (OSD)
Finance Officer	— Sri. D. R. Nongrum
Librarian	— Prof. J. C. Binwal
Dean Student's Welfare	— Dr. M. Y. Khan
Controller of Examinations	— Sri. A. Patton
Planning Officer	— Sri. C. Lalawiaia } Sri. O. D. Shira }
Deputy Registrar (Conference)	— Sri. O. D. Shira
Deputy Registrar (SC/ST)	— Sri. O. D. Shira
Deputy Registrar (Academic)	— Smti. S. Rynjah
Deputy Registrar (Examinations)	— Sri. J. W. Smith
Deputy Finance Officer	— Sri. S. C Chakravarty
Deputy Librarian	— Sri. I. Majaw
Assistant Registrar (Examinations)	— Sri. K. Deb
Assistant Registrar (Examinations)	— Sri. K. Nengnong
Assistant Registrar (Administration)	— Sri. C. Lyngdoh
Assistant Registrar (Establishment)	— Sri. J. Khongwir
Assistant Librarian (Shillong)	— Mrs. R. Mishra
Assistant Finance Officer	— Mrs. B. Bareh
Director, College Development Council	— Sri. C. Lalawia
Director, Publication	— Mr. M. C. Gabriel
Director, Institute of Bio-physics	— Prof. R. K. Mishra
Director of Sports	— Sri. G. M. War
Assistant Director of Sports	— Sri. P. Blah
Co-ordinator, N. S. S.	— Sri. C. Lalawia
Proctor	— Prof. B. Pakem
Publication Officer	— Sri. B. M. Goswami
University Engineer	— Sri. T. C. Hazarika
Medical Officers	— Dr. J. L. Sallo Dr. (Mrs) M. Syntem Dr. V. S. V. Prasad Dr. (Mrs) A. Bakshi
Documentation Officer	— Shri. L. P. Pathak

### **Nagaland Campus**

Deputy Registrar  
Assistant Registrar  
Assistant Librarian  
Assistant Director of Sports  
Medical Officer

— Sri. N. R. Chakravarty  
—  
— Mr. A. K. Kundu  
— Mr. P. Zetzuvi  
—

### **Mizoram Campus**

Deputy Registrar  
Assistant Registrar  
Assistant Director of Sports  
Assistant Librarian  
Medical Officer

— Mr. L. F. Sailo  
— Mr. L. H. Sailo  
— Mr. F. Lawmkima  
— Mr. K. M. Zakhuma  
— Dr. D. K. Bahali

### **School of Agricultural Sciences & Rural Development**

Medical Officer  
Administrative Officer

Dr. I. Hussain  
— Sri R. K. Sharma

**LIST OF THE MEMBERS OF THE COURT - 1989 - 90**

<b>Appointment made under Statute 10A</b>	<b>No. of Appointment</b>	<b>Mode of Appointment</b>	<b>Name of members</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Clause - (i)		Chancellor, Ex-officio	Dr. Madhuri Ben Shah.
Clause - (ii)		Ex-officio	1. Dr. Iqbal Narain Vice-Chancellor
Clause - (iii)		Pro-Vice-Chancellor Ex-officio	1. Prof. R. G. Michael, P.V.C., Shillong Campus, Shillong. 2. Dr. A. K. Sharma, P. V. C., Mizoram Campus, Aizawl. 3. Shri K Ao, P. V. C., Nagaland, Campus, Kohima.
Clause - (iv)		Dean Students Welfare Ex-officio	Dr. M. Y. Khan, D. S. W., NEHU. Shillong.
Clause - (v)		Registrar/Officer on Special Duty. Ex-officio	Shri. H. W. T. Syiem. O. S. D., NEHU Shillong.
Clause - (vi)		Librarian Ex-officio	Shri. J. C. Binwal Librarian, NEHU. Shillong.
Clause - (vii)		Proctor Ex-officio	Dr. B. Pakem, Proctor, NEHU, Shillong.
Clause - (vii)(a)		Finance Officer Ex-officio	Shri. D. R. Nongrum, Finance Officer, NEHU, Shillong.
Clause - (viii)		Deans of School Ex-officio	1. Prof. K. Chatterjee, Dean, School of Life Sciences. NEHU, Shillong. 2. Prof. S. Homchoudhury, Dean, School of Languages, NEHU, Shillong. 3. Prof. M. C. Joshi, Dean, School of Agri. Sciences and Rural Dev., Nagaland.
Clause - (viii)		Deans of School Ex-officio	4. Prof. J. B. Bhattacharjee. Dean, School of Social Sciences, NEHU, Shillong. 5. Prof. A. L. Verma. Dean, School of Pyhysical Sciences, NEHU, Shillong. 6. Prof. (Mrs) K. S. Lyngdoh, Dean, School of Educa- tion, NEHU, Shillong.

1	2	3	4
Clause - (ix)	All Professors Ex-officio		<ol style="list-style-type: none"> <li>1. Prof. M. Miri, Department of Philosophy, NEHU, Shillong.</li> <li>2. Prof. (Mrs) H. Ila, Department of Chemistry, NEHU, Shillong.</li> <li>3. Prof. M. K. Choudhury, Department of Chemistry, NEHU, Shillong.</li> <li>4. Prof. H. Junjappa, Department of Chemistry, NEHU, Shillong.</li> <li>5. Prof. R. R. Mishra, Department of Botany, NEHU, Shillong.</li> <li>6. Prof. T. S. B. Narasaraju, Department of Chemistry, NEHU, Shillong.</li> <li>7. Prof. A. N. Rai, Department of Bio-Chemistry, NEHU, Shillong.</li> <li>8. Prof. M. N. Karna, Department of Sociology, NEHU, Shillong.</li> <li>9. Prof. S. N. Guhathakurta, Department of Economics, NEHU, Shillong.</li> <li>10. Prof. M. C. Pandey, Centre for Adult and Continuing Education, NEHU, Shillong.</li> <li>11. Prof. Shri Prakash, Department of Economics, NEHU, Shillong.</li> <li>12. Prof. P. Shukla, Department of Physics, NEHU, Shillong.</li> <li>13. Prof. R. Lalthantluanga, Department of Bio-chemistry, NEHU, Shillong.</li> <li>14. Prof. C. S. Shastri, Department of Physics, NEHU, Shillong.</li> <li>15. Prof. H. Bareh Ngap Kynta, Centre for Creative Arts, NEHU, Shillong.</li> </ol>

16. Prof. A. C. Sinha,  
Department of Sociology,  
NEHU, Shillong.
17. Prof. Haridwar Rai,  
Department of Sociology,  
NEHU, Shillong.
18. Prof. R. S. Tripathi,  
Department of Botany,  
NEHU, Shillong.
19. Prof. P. K. Mishra,  
Department of Anthro-  
pology, NEHU, Shillong.
20. Prof. R. L. Walli,  
Department of Pol. Science,  
NEHU, Shillong.
21. Prof. J. P. Singh,  
Department of History,  
NEHU, Shillong.
22. Prof. R. P. Bajpai,  
Institute of Self Organis-  
ing Systems and Bio-  
Physics, NEHU, Shillong.
23. Prof. S. S. Khare,  
Department of Mathe-  
matics, NEHU, Shillong.
24. Prof. S. N. Bhat,  
Department of Chemistry,  
NEHU, Shillong.
25. Prof. Noorul Hasan,  
Department of English,  
NEHU, Shillong.
26. Prof. Y. S. T. Rao,  
Department of Physics,  
NEHU, Shillong.
27. Prof. (Mrs). S. Miri,  
Department of Philosophy,  
NEHU, Shillong.
28. Prof. N. Malla,  
Department of Philosophy,  
NEHU, Shillong.
29. Prof. A. R. Verman,  
Department of Zoology,  
NEHU, Shillong.
30. Prof. E. N. Lall,  
Department of English,  
NEHU, Shillong.

31. Prof. B. S. Chauhan,  
School of Agricultural  
Sciences and Rural Deve-  
lopment, Medziphema,  
Nagaland.
32. Prof. R. S. Lyngdoh,  
Department of English,  
NEHU, Shillong.
33. Prof. R. K. Rai,  
Department of Geography,  
NEHU, Shillong.
34. Prof. Imdad Hussain,  
Department of History,  
NEHU, Shillong.
35. Prof. (Mrs.) M. S. Padma,  
Department of Education,  
NEHU, Shillong.
36. Prof. P. Tandon,  
Department of Botany,  
NEHU, Shillong.
37. Prof. Y. S. Chauhan,  
Department of Botany,  
NEHU, Shillong.
38. Prof. K. K. Sharma,  
Department of Education,  
Nagaland Campus, Kohima.
39. Prof. B. K. Ratha,  
Department of Zoology,  
NEHU, Shillong.
40. Prof. A. P. Sinha,  
Department of Anthro-  
pology, NEHU, Shillong.
41. Prof. R. K. Mishra,  
Director, Institute of Self  
Organising Systems and  
Bio-Physics, NEHU,  
Shillong.
42. Prof. P. P. Gokulanathan,  
Department of Education,  
NEHU, Shillong.
43. Prof. K. Bez,  
Department of Economics,  
NEHU, Shillong.
44. Prof. (Mrs.) T. Ao,  
Department of English,  
NEHU, Shillong.

Clause - (x)

Heads of Deptts. who  
are not Professors,  
Ex-officio

45. Prof. (Mrs). J. War.  
Department of Linguistics,  
Nagaland Campus, Kohmia.
46. Prof. Venkata Rao.  
Department of History,  
NEHU, Shillong.
47. Prof. K. K. Upadhyaya,  
Department of Economics,  
Mizoram Campus, Aizawl.
48. Prof. O. P. Kejeriwal.  
Department of History,  
NEHU, Shillong.

1. Dr. R. Gopalakrishnan.  
Department of Geography,  
NEHU, Shillong.
2. Dr. V. K. Kumar.  
Department of Commerce,  
NEHU, Nagaland Campus,  
Kohima.
3. Dr. L. N. Singh.  
Department of Psychology,  
NEHU, Mizoram Campus,  
Aizawl.
4. Dr. R. P. Kachhara,  
Department of Geology,  
NEHU, Nagaland Campus,  
Kohima.

Clause - (xi)

Two Readers, who  
are not Heads of Dep-  
tts. and two Lectu-  
rers to appointed by  
rotation in the manner  
prescribed by Ordin-  
ances

—Member—

1. Dr. Vijay Kumar.  
Reader, Department of  
Mathematics, NEHU,  
Shillong.
2. Dr. M. P. Mahajan.  
Reader in Chemistry,  
NEHU, Shillong.
1. Tlanglawma,  
Lecturer in Economics,  
NEHU, Shillong.
2. Shri. Ali Ahmed,  
Lecturer in Geography,  
NEHU, Shillong.

Clause - (xii)

Seven Principals of  
colleges in the State  
of Meghalaya, four  
Principals of colleges  
in Nagaland and three  
from Territory of  
Mizoram by rotation  
according to seniority

Meghalaya

1. Principal,  
Shillong College, Shillong.
1. Principal,  
Tura Government College,  
Tura.

which shall be determined with reference to the date of establishment of the colleges concerned to be nominated by the Vice-Chancellor.

—Member—

—do—

—do—

—do—

—do—

—do—

—do—

—do—

—do—

3. Principal, Sankardev College, Shillong.
4. Principal, Synod College, Shillong.
5. Principal, Kiang Nongbah Government College, Jowai.
6. Principal, Mendipathar College, Mendipathar.
7. Principal, Seng Khasi College, Shillong.

#### Nagaland

1. Principal, Fazl Ali College, Mokokchung.
2. Principal, Science College, Kohima.
3. Principal, Dimapur College, Dimapur.
4. Principal, Kohima College, Kohima.

#### Mizoram

1. Principal, Zirtiri Women's College, Aizawl.
2. Principal, Hrangbana College, Aizawl.
3. Principal, Lawngtlai College, Lawngtlai.

Clause - (xiii)

Six teachers from affiliated colleges, out of which three will be from colleges in the State of Meghalaya, two from Nagaland and one from Mizoram, to be nominated by the Visitor on the recommendation of the Vice-Chancellor.

—Vacant—

Clause - (xiv)

Six representatives of Parliament, four to be nominated by the Lok Sabha from among the members thereof and two to be nominated by the Chairman of the Rajya Sabha from among the members thereof.

**Lok Sabha - 4**

1. Shri Bhadreswar Tanti, Jyotinagar (Bamunimoidon) Gauhati-781021 (Assam)

**New-Delhi Address**

36, South Avenue,  
New-Delhi - 110011,  
(Ph. No. - 3018220).

2. Shri Haren Bhumij, Naliapool, P. O. Dibrugarh 786201 (Assam).

**New-Delhi Address.**

72, South Avenue,  
New Delhi - 110011.  
(Ph. No. - 3017209).

—Members—

—do—

3. Shri William A. Sangma Hawakhana, P. O. Tura, Meghalaya.

**New Delhi Address**

Meghalaya House,  
Aurangzeb Road, New  
Delhi - 110001.

—do—

4. Shri P. K. Thungon, Kalakatang, P. O. Bomdilla Kameng District, (Arunachal Pradesh).

**New Delhi Address**

AB/3, Pandara Road,  
New Delhi - 110011.  
(Ph. No. - 386692).

**Rajya Sabha - 2**

—do—

—Vacant—

Clause - (xv)

Ten members representing learned professions and special interest including representative of industry commerce, trade unions, banking and agriculture, to be nominated by the Visitor.

1. Prof. G. S. Goshal, Professor of Geography, Punjab University, Chandigarh.
2. Prof Dhalikia, Professor of Law, University of Baroda.
3. Shri W. R. Kidwai, Secretary General, Standing Committee, on Public

- |          |  |
|----------|--|
| —Member— | Enterprises, Chandernagore,<br>1st Floor, 36th Janpath,<br>New Delhi.  |
| —do—     | 4. Shri Vinoy Vohra,<br>Executive Secretary, Indian<br>National Science Academic,<br>Bahadur Shah Zafar Marg,<br>New Delhi.  |
| —do—     | 5. Prof. I. R. Anantharaman,<br>Director, Thapar Cor-<br>porate Research and<br>Development Centre of<br>Thapar Institute of Engi-<br>neering of Technology<br>Patiala - 147001 (Punjab<br>State) India. |
| —do—     | 6. Prof. P. G. Goswami,<br>Department of Commerce<br>Gauhati University.   |
| —do—     | 7. Prof. M. K. Raut, Chairman,<br>Banking Service Recruitment<br>Board, A/171, Sahid Nagar,<br>Bhubaneswar - 751 007.  |
| —do—     | 8. Prof. S. D. Gogoi,<br>Vice-Chancellor,<br>Dibrugarh University,<br>Dibrugarh.   |
| —do—     | 9. Dr Mrs Prabhat Nalini Das,<br>A-315, Sahib Nagar,<br>Bhubaneswar - 751007<br>phone No. 5449.  |
| —do—     | 10. Dr (Mrs) Vimla Virmani,<br>Consultant Neurologist,<br>15 Golf Link.<br>New Delhi - 110 003.  |

Clause - (xvi)

Six representatives of  
the Registered Gra-  
duates of the Univer-  
sity to be elected in the  
manner prescribed by  
Ordinances.

—Vacant—

Clause - (xvii)

Four students to be  
nominated by the Vice-  
Chancellor

—Vacant—

Clause - (xviii)

Not more than five persons to be nominated by the visitor.

1. Shri Vinod Kanungo, Editor of Encyclopedia and Popular writer Cuttak.
2. Shri R. K. Singhajit Singh, Director Manipur Dance, Triveni Kala Sangam, 205, Tansen Marg, New Delhi.
3. Director Regional Research Laboratory, Jorhat, Assam.
4. Director, National Institute of Research on Science and Technology, Itanagar.
5. Director Regional Centre of CILL, Shillong.

Clause (xviii) (b)

Not more than two persons to be nominated by the Chancellor

1. Dr. Usha Mehta (Rtd) Professor of Pol. Science, Bombay University, Bombay.
2. Prof. Anita Banerjee, Professor of Economics, Jadavpur University, Calcutta.

—Member—

Clause (xviii) (c)

Not more than two person to be nominated by the Chief Rector.

—Vacant—

Clause (xix)

Two members of non-teaching staff to be nominated by the Vice Chancellor.

—Vacant—

Clause (xx)

Two representatives of each of the States of Meghalaya and Nagaland and one representative of the Union Territory of Mizoram to be nominated by the State Government concerned or, as the case may be, the Union Territory Administration.

**Meghalaya**

1. Shri C. Wolflang, Director State Council of Educational Research and Training, Meghalaya, Shillong.
2. Shri R. N. Dutta, Joint Director of Public Instruction, Meghalaya, Shillong.

**Nagaland**

1. Dr. Imnayongdang, Head of the Deptt. of Geography, Science College, Kohima.

—Member—

1	2	3	4
		—Member—	2. Shri Edward Lotha, Lecturer, Department of English, Fazl Ali College, Mokokchung.
Clause (xx)		—do—	Mizoram 1. Joint Director of Higher Education, Mizoram.
Clause (xxi)	Members of the Exe- cutive Council who are not otherwise mem- bers of the Court.		1. Principal, U. C. C. Barapani-793122 2. Principal, Sao Chang College, Tuensang - 798612.
		—Member—	3. Principal, Aizawl College, Aizawl - 796001.
		—do—	4. Dr. C. Narayan Reddy, Vice-Chancellor. Telugu University. Hyderabad - 500 004.
		—do—	5. Director of Education, Government of Mizoram, Aizawl.
		—do—	6. Director of Public Instru- ction, Government of Meghalaya, Shillong.
		—do—	7. Director of Higher and Technical Education, Government of Nagaland, Kohima.
		—do—	8. Prof. B. P. N. Singh, Department of Agricultural Engineering, G. B. Pant University of Agriculture Technology, Pantnagar (U.P.)
		—do—	9. Prof. R. C. Mehrotra, (Former Vice-Chancellor, Delhi University) Professor Emeritus, Jaipur University.
		—do—	10. Dr. Vedagiri Shanmug sunda- ram, Professor and Head of the Deptt. of Economics, University of Madgasm Madras.

**LIST OF MEMBERS OF THE EXECUTIVE COUNCIL**

**1989 - 1990**

<b>Appointment made under Statute</b>	<b>No. of appointment</b>	<b>Mode of appointment</b>	<b>Name of Members</b>
Clause - (i)	1	Ex-officio	Dr. Iqbal Narain, Vice-Chancellor, NEHU, Shillong.
Clause - (ii)	3	Ex-officio	1. Prof. R. G. Michael, Pro-Vice-Chancellor, NEHU, Shillong.
		—do—	2. Prof. A. K. Sharma, Pro-Vice-Chancellor, Mizoram Campus, Aizawl.
		—do—	3. Sri. Kiremwati Ao, Pro-Vice-Chancellor, Nagaland Campus, Kohima.
Clause - (iii)	4	Four Deans of Schools	1. Prof. J. B. Bhattacharjee, Dean, School of Social Sciences, NEHU, Shillong.
			2. Prof. A. L. Verma, Dean, School of Physical Sciences, NEHU, Shillong.
			3. Prof. (Mrs) K. S. Lyngdoh, Dean, School of Edu- cation, NEHU, Shillong.
			4. Prof. S. Hom Choudhury, Dean, School of Languages, NEHU, Shillong.
Clause - (iv)	1	One Professor other than a Dean by rotation according to Seniority.	1. Prof. M. Miri, Department of Philosophy, NEHU, Shillong.
Clause - (v)	1	One Reader by rotation etc.,	1. Dr. Vijay Kumar, Reader, Department of Mathematics, NEHU, Shillong.
Clause - (vi)	3	Three Principals one each from the State of Meghalaya Nagaland and Mizoram.	1. Principal, Union Christian College, Barapani.
			2. Principal, Sao Chang College, Tuensang.
			3. Principal, Aizawl College, Aizawl.

Clause - (vii)	3	Director in-Charge of Collegiate Education in the State of Meghalaya, Nagaland and Mizoram,	<ol style="list-style-type: none"> <li>1. Director of Public Instruction, Government of Meghalaya Shillong</li> <li>2. Director of Higher and Technical Education, Government of Nagaland, Kohima.</li> <li>3. Director of Higher and Technical Education, Government of Mizoram, Aizawl.</li> </ol>
Clause - (viii)	2	Two members of the Court to be nominated by the Visitor.	<ol style="list-style-type: none"> <li>1. Dr. (Mrs) Vimla Virmani, Consultant Neurologist, 15 Golf Links, New Delhi-110003.</li> <li>2. Dr. Vinay C. Vera, C/o. Dr. S. K. Basu. Institute of Microbial Technology, H. No. 1389 Sector 33C, Chandigarh - 160031.</li> </ol>
Clause - (ix)	4	Four persons to be nominated by the Visitor	<ol style="list-style-type: none"> <li>1. Prof. B. P. N. Singh, Deptt. of Agricultural Engineering, G. B. Pant University of Agriculture and Technology, Pantnagar (U. P.) 263145.</li> <li>2. Prof. R. C. Mehrotra, Professor Emeritus, Jaipur University, 302004.</li> <li>3. Dr. C. Narayana Reddy, Vice-Chancellor, Telegu University, Hyderabad-500004.</li> <li>4. Dr. Vedagiri Sharmugundaram, Professor and Head, Department of Economics, University of Madras, Madras - 600030.</li> </ol>
	1	Ex-officio Secretary	Shri H. W. T. Syiem, Officer-on-Special Duty, NEHU, Shillong.
	1	Permanent Invitee	Finance Officer, NEHU, Shillong.

**LIST OF MEMBERS OF THE ACADEMIC COUNCIL (1989 - 90)**

Appointment made under Statute 14(1)	No. of appointment	Mode of appointment	Name of members.
1	2	3	4
Sub-Clause (i)		Vice-Chancellor Ex-Officio.	1. Dr. Iqbal Narain, Vice-Chancellor.
Sub-Clause (ii)		Pro-Vice-Chancellor Ex-Officio.	1. Shri. Kiremwati Ao, Pro-Vice-Chancellor, Nagaland, Kohima.  2. Prof. A. K. Sharma, Pro-Vice-Chancellor, Mizoram, Aizawl.  3. Prof. R. G. Michael, Pro-Vice-Chancellor, Shillong.
Sub-Clause (iii)		Deans of Schools Ex-Officio.	1. Prof. K. Chatterjee, Dean, School of Life Sciences, NEHU, Shillong.  2. Prof. S. Hom Choudhury, Dean, School of Languages, NEHU, Shillong.  3. Prof. A. L. Verma, Dean, School of Physical Sciences, NEHU, Shillong.  4. Prof. (Mrs). K. S. Lyngdoh, Dean, School of Education, NEHU, Shillong.  5. Prof. J. B. Bhattacharjee, Dean, School of Social Sciences, NEHU, Shillong.  6. Prof. M. C. Joshi, Dean, School of Agri- cultural Sciences, Medzi- phema, Nagaland.
Sub-Clause (iv)		Dean of Students Welfare, Ex-Officio.	1. Dr. M. Y. Khan Dean, of Students' Welfare, NEHU, Shillong.
Sub-Clause (v)		Heads of Deptts. & Centres of Studies  Ex-Officio.	1. Head, Deptt. of History, NEHU, Shillong.  2. Head, Deptt. of Sociology, NEHU, Shillong.

3. Head,  
Deptt. of Economics,  
NEHU, Shillong.
4. Head,  
Deptt. of Anthropology,  
NEHU, Shillong.
5. Head,  
Deptt. of Philosophy,  
NEHU, Shillong.
6. Head,  
Deptt. of Education,  
NEHU, Shillong.
7. Head,  
Deptt. of Geography,  
NEHU, Shillong.
8. Head,  
Deptt. of English,  
NEHU, Shillong.
9. Head,  
Deptt. of Khasi,  
NEHU, Shillong.
10. Head,  
Deptt. of Pol. Science,  
NEHU, Shillong.
11. Head,  
Deptt. of Bio-Chemistry,  
NEHU, Shillong.
12. Head,  
Deptt. of Botany,  
NEHU, Shillong.
13. Head,  
Deptt. of Mathematics,  
NEHU, Shillong.
14. Head,  
Deptt. of Chemistry,  
NEHU, Shillong.
15. Head,  
Deptt. of Zoology,  
NEHU, Shillong.
16. Head,  
Deptt. of Psychology,  
Mizoram, Aizawl.
17. Head,  
Deptt. of Geology,  
Nagaland, Kohima.
18. Head,  
Deptt. of Commerce,  
Nagaland, Kohima.

19. Head,  
Deptt. of Public Admn.  
Mizoram, Aizawl.
  20. Head,  
Deptt. of Horticulture,  
Mizoram, Aizawl.
  21. Head,  
Deptt. of Soil Conservation  
Medziphema, Nagaland.
  22. Head,  
Centre for Adult & Conti-  
nuing Education, NEHU,  
Shillong.
  23. Head,  
Centre for Literary &  
Cultural Studies, NEHU,  
Shillong.
  24. Head,  
Centre for Sc. Education,  
NEHU, Shillong.
  25. Head,  
Centre for Computer Sc.  
NEHU, Shillong.
  26. Head,  
Deptt. of Lib. & Informa-  
tion Science, NEHU,  
Shillong.
  27. Director,  
Centre for Distance Ed.  
NEHU, Shillong.
  28. Director,  
Institute of Self Organis-  
ing System & Bio-physics,  
NEHU, Shillong
  29. Head  
Centre for Creative Arts,  
NEHU, Shillong.
  30. Head,  
Centre for Eco-Development
  31. Head,  
Deptt. of Rural Develop-  
ment and Planning.
  32. Head,  
Deptt. of History and  
Archaeology, Nagaland,  
Kohima.
1. Prof. J. C. Binwal,  
Librarian.

Sub-Clause VI

Librarian Ex-Officio

Sub-Clause vii

Principal of College maintained by the University, Ex-Officio.

Principal,  
Pachhunga University  
College, Aizawl.

Sub-Clause -viii

All Professors other than the Heads of Deptts. and Centres,

to be nominated by the Vice-Chancellor, Ex-Officio.

1. Prof. M. Miri,  
Deptt. of Philosophy,  
NEHU, Shillong.
2. Prof. H. Junjappa,  
Deptt. of Chemistry,  
NEHU, Shillong.
3. Prof. R. R. Mishra,  
Deptt. of Botany,  
NEHU, Shillong.
4. Prof. T. S. B. Narasaraju,  
Deptt. of Chemistry,  
NEHU, Shillong.
5. Prof. R. S. Lyngdoh,  
Deptt. of Khasi,  
NEHU, Shillong.
6. Prof. M. N. Karna,  
Deptt. of Sociology,  
NEHU, Shillong.
7. Prof. B. Pakem,  
Deptt. of Pol. Science,  
NEHU, Shillong.
8. Prof. P. P. Gokulanathan,  
Deptt. of Education,  
NEHU, Shillong.
9. Prof. S. N. Guha Thakurta,  
Department of Economics,  
NEHU, Shillong.
10. Prof. M. C. Pandey,  
Deptt. of Adult & Continuing Education,  
NEHU, Shillong.
11. Prof. R. S. Tripathy,  
Department of Botany,  
NEHU, Shillong.
12. Prof. C. S. Shastry,  
Department of Physics,  
NEHU, Shillong.
13. Prof. R. K. Rai,  
Department of Geography,  
NEHU, Shillong.
14. Prof. P. K. Mishra,  
Deptt. of Anthropology,  
NEHU, Shillong.

15. Prof. J. P. Singh,  
Department of History,  
NEHU. Shillong.
16. Prof. R. P. Bajpai,  
Institute of S. O. S. &  
Bio-Physics. NEHU,  
Shillong.
17. Prof. S. N. Bhat,  
Deptt. of Chemistry,  
NEHU. Shillong.
18. Prof. S. S. Khare,  
Department of Maths.  
NEHU. Shillong.
19. Prof. M. K. Choudhury,  
Department of Chemistry,  
NEHU. Shillong.
20. Prof. A. N. Rai,  
Deptt. of Bio-Chemistry,  
NEHU. Shillong.
21. Prof. N. Malla,  
Deptt. of Philosophy,  
NEHU. Shillong.
22. Prof. E. N. Lall,  
Department of English,  
NEHU, Shillong.
23. Prof. P. Tandon,  
Department of Botany,  
NEHU. Shillong.
24. Prof. K. K. Sharma,  
Department of Education,  
NEHU. Shillong.
25. Prof. Uday Jain,  
Deptt. of Psychology,  
Mizoram. Aizawl.
26. Prof. (Mrs). T. Ao,  
Department of English,  
NEHU. Shillong.
27. Prof. (Miss) J. War,  
Deptt. of Linguistics,  
Nagaland. Kohima.
28. Prof. Venkata Rao,  
Department of History,  
NEHU, Shillong.
29. Prof. K. K. Upadhyaya,  
Deptt. of Economics,  
Mizoram Campus. Aizawl.

30. Prof. Haridwar Rai,  
Deptt. of Pol. Science,  
NEHU, Shillong.
31. Prof. O. P. Kejariwal,  
Department of History,  
NEHU, Shillong.

**Sub-Clause (ix)**

**Six Principals of Colleges** admitted to the privileges of the University three from Meghalaya two from

Nagaland and one from Mizoram to be nominated by the Vice-

Chancellor by rotation according to seniority.

**Meghalaya**

1. Principal,  
Union Christian College,  
Barapani. Meghalaya.
2. Principal,  
St. Mary's College,  
Shillong. Meghalaya.
3. Principal,  
Mendipathar College,  
Mendipathar. Meghalaya.

**Nagaland**

4. Principal,  
Zunheboto College,  
Nagaland.
5. Principal,  
St. Joseph College,  
Nagaland.

**Mizoram**

Principal,  
Aizawl College,  
Aizawl. Mizoram.

**Sub-Clause (x)**

Five teachers of the University, other than those under (i) to (viii) above, by rotation according to seniority of

which two shall be Readers and three Lecturers.

**Readers**

1. Dr. V. Kumar,  
Department of Maths,  
NEHU, Shillong
2. Dr. Raghuvir Singh,  
Department of Physics,  
NEHU, Shillong.

**Lecturers.**

3. Shri. Lianzela, Lecturer,  
Department of Economics,  
Aizawl. Mizoram.
4. Kum. N. Ganguli,  
Lecturer in English,  
Presently at the Centre  
for Literary & Cultural  
Studies, NEHU, Shillong.

5, Shri Ali Ahmed,  
Department of Geography,  
NEHU, Shillong.

Sub-Clause (xi)

Four persons not being employees of the University or of a college or Institution maintained by or affiliated to be nominated by the visitor for their special knowledge.

—Vacant—

Sub-Clause (xii)

Six teachers of the Colleges admitted to the privileges of the University three from Meghalaya, two from Nagaland and one from Mizoram elected from amongst themselves.

—Vacant—

Sub-Clause (xiii)

Two post-graduate students of the University - one from Science and one from Humanities and one Research Scholar to be next in the manner prescribed by an ordinance.

—Vacant—

Sub-Clause (xiv)

Permanent Invitee

Director,  
College Development  
Council, NEHU, Shillong.

## LIST OF FACULTY MEMBERS 1989 - 90

**A) Zoology Department :**

Name of Department	Date of Joining	Designation at present
1. Prof. R. G. Micheal	2.5.1974	- Professor
2. Prof. K. Chatterjee	1.10.1975	- Professor
3. Prof. A. R. Verman	6.10.1975	- Professor
4. Prof. B. K. Ratha	16.8.1982	- Professor
5. Dr. (Mrs) B. Tandon	18.8.1984	- Reader
6. Dr. B. K. Sharma	15.3.1985	- Reader
7. Dr. B. B. P. Gupta	16.3.1985	- Lecturer
8. Dr. S. B. Prasad	9.5.1985	- Lecturer
9. Dr. B. Kharbuli	6.5.1988	- Lecturer
10. Dr. N. Saha	6.5.1988	- Lecturer
11. Dr. A. Chaterjee	25.11.1983	- Lecturer

### B. Botany Department

1. Prof. R. R. Mishra	26.9.1974	- Professor
2. Prof. Y. S. Chauhan	7.10.1974	- Professor
3. Prof. R. S. Tripathi	28.6.1977	- Professor
4. Prof. P. Tandon	17.8.1977	- Professor
5. Dr. G. D. Sharma	16.12.1981	- Reader
6. Dr. R. C. Laloo	18.12.1981	- Reader
7. Dr. H. N. Pandey	29.3.1984	- Reader
8. Dr. J. P. Gaur	3.4.1985	- Reader
9. Dr. (Mrs) M. S. Dkhar	6.5.1988	- Lecturer
10. Dr. Y. Kumar	6.5.1988	- Lecturer
11. Dr. L. Kharlukhi	20.5.1988	- Lecturer
12. Dr. A. K. Mishra	23.5.1988	- Reader
13. Dr. S. S. Sharma	1.6.1988	- Lecturer
14. Dr. M. K. Chrungoo	4.7.1988	- Lecturer

### C. Bio-Chemistry Department

1. Dr. R. Lalthanhang	18.8.1985	- Professor
2. Dr. A. N. Rai	31.3.1987	- Professor
3. Dr. Md. Y. Khan	31.3.1987	- Reader
4. Dr. R. Sharma	30.6.1988	- Reader
5. Dr. R. N. Sharma	25.8.1984	- Lecturer
6. Dr. A. Alam	6.9.1988	- Lecturer

### D. Political Science Department

1. Prof. B. Pakem	12.9.1974	- Professor
2. Dr. M. B. Nair	11.9.1975	- Reader (Now in Kerala)
3. Dr. (Mrs) R. Buragohain	18.9.1975	- Reader
4. Dr. R. L. Walli	12.6.1978	- Professor
5. Dr. L. S. Gassah	14.6.1978	- Reader
6. Dr. S. J. George	3.7.1978	- Reader (Resigned)
7. Dr. S. Gabriel	28.4.1979	- Professor
8. Dr. A. K. Baruah	2.5.1985	- Reader
9. Dr. P. Nayak	1.6.1985	- Professor
10. Dr. H. Rai	17.12.1985	- Professor
11. Sri E. L. Warjri	7.10.1988	- Lecturer

## E. History Department

1.	Prof. J. B. Bhattacharjee	42.1.1975	- Professor
2.	Dr. I. Hussain	17.10.1975	- Professor
3.	Dr. (Mrs) H. Giri	16.12.1975	- Reader
4.	Dr. M. S. Sangma	26.6.1978	- Reader
5.	Dr. (Mrs) M. Momin	11.6.1979	- Reader
6.	Dr. D. R. Syiemlieh	21.6.1979	- Reader
7.	Sri. K. Nakhro	9.11.1979	- Lecturer
8.	Dr. J. P. Singh	12.8.1985	- Professor
9.	Dr. G. Sengupta	2.9.1985	- Reader
10.	Dr. O. P. Kejariwal	12.5.1986	- Professor (Back to Parent Deptt.)
11.	Sri. V. Rengsi	6.6.1989	- Lecturer
12.	Kim. C. Mawlong	7.6.1989	- Lecturer
13.	Mrs. M. Sharma	1.7.1989	- Lecturer

## F. Economics Department

1.	Dr. Tlanglawma	11.12.1974	- Lecturer
2.	Dr. S. N. Guhathakurta	9.1.1975	- Professor
3.	Sri. E. D. Thomas	25.9.1978	- Lecturer
4.	Dr. K. Bez	4.5.1979	- Professor
5.	Prof. Sri Prakash	8.8.1983	- Professor (Now to NEIPA)
6.	Dr. S. K. Mishra	5.12.1984	- Reader
7.	Dr. N. Srivastava	15.7.198	- Reader
8.	Sri. B. Mishra	1.4.19875	- Lecturer
9.	Dr. P. Passah	12.5.1987	- Lecturer
10.	Sri. A. C. Dube	1.6.1987	- Lecturer

## G. Philosophy Department

1.	Prof. M. Miri	1.6.1974	- Professor
2.	Dr. (Mrs) S. Miri	28.8.1975	- Professor
3.	Dr. R. V. Vyasa	20.9.1975	- Reader
4.	Dr. N. Malla	30.4.1979	- Professor
5.	Dr. Jagat Pal	13.6.1980	- Reader
6.	Dr. S. C. Daniel	16.12.1981	- Reader
7.	Dr. C. R. Agera	11.4.1985	- Reader
8.	Sri. X. P. Moa	27.9.1988	- Lecturer
9.	Sri. E. R. Tongper	28.9.1988	- Lecturer

## H. Sociology Department

1.	Dr. C. Nunthara	16.9.1976	- Reader
2.	Prof. A. C. Sinha	13.11.1976	- Professor
3.	Dr. V. Xaxa	16.3.1978	- Reader (Resigned)
4.	Dr. N. Kumar	14.6.1987	- Reader
5.	Sri. C. L. Imchen	7.8.1979	- Lecturer
6.	Prof. M. N. Karna	2.6.1980	- Professor (on deputation)
7.	Dr. P. M. Chacko	8.7.1985	- Reader
8.	Dr. I. L. Aiyer	17.10.1988	- Lecturer

## I. Anthropology Department

1.	Dr. A. P. Sinha	30.10.1976	- Professor
2.	Dr. K. H. Bhatt	06.11.1982	- Lecturer
3.	Prof. P. K. Mishra	26.06.1985	- Professor (on deputation - ICCR).

4.	Prof. B. N. Saraswati	24.01.1986	- Professor (To IGMCA)
5.	Sri. Henry Lamin	07.05.1988	- Lecturer
6.	Dr. A. K. Ghosh	19.05.1988	- Reader
7.	Dr. R. K. Pathak	01.06.1988	- Lecturer
8.	Km. L. T. Vachum	06.06.1989	- Lecturer.

#### J. English Department

1.	Prof. N. Hassan	01.09.1973	- Professor
2.	Prof. S. Homchoudhury	16.07.1974	- Professor
3.	Dr. (Mrs) T. Ao	01.12.1975	- Professor
4.	Dr. R. P. Sharma	1.03.1979	- Reader
5.	Dr. E. N. Lall	14.05.1979	- Professor
6.	Smti. N. Syiem	05.01.1982	- Reader
7.	Smti. E. Syiem	11.05.1987	- Lecturer
8.	Dr. M. Dutt (VP)	08.06.1988	- Lecturer
9.	Sri. N. R. Singh	01.11.1988	- Lecturer.

#### K. Khasi Department

1.	Prof. R. S. Lyngdoh	10.09.1981	- Professor (deceased)
2.	Sri. B. L. Swer	01.10.1982	- Lecturer
3.	Dr. H. W. Sten	06.12.1982	- Reader
4.	Mrs. B. War	01.09.1983	- Lecturer (on leave)
5.	Smti. S. Dkhar	25.07.1986	- Lecturer
6.	Km. D. Mawroh	28.02.1987	- Lecturer
7.	Dr. (Smti.) M. B. Jyrwa	19.01.1989	- Lecturer.

#### L. Education Department

1.	Prof. P. P. Gokulanathan	22.06.1976	- Professor
2.	Prof. (Mrs) K. S. Lyngdoh	04.09.1976	- Professor
3.	Dr. M. George	18.04.1977	- Reader
4.	Dr. P. K. Ganguly	16.05.1977	- Reader
5.	Prof. C. L. Anand	04.08.1979	- Professor
6.	Dr. (Mrs) M. S. Padma	11.02.1980	- Professor
7.	Dr. R. Bhattacharjee	21.08.1984	- Reader
8.	Dr. (Km) A. Henia	08.06.1988	- Lecturer

#### M. Mathematics Department

1.	Dr. B. K. Dev Sharma	16.07.1974	- Reader
2.	Sri. S. L. Marbaniang	16.07.1974	- Lecturer
3.	Dr. P. K. Saikia	16.07.1974	- Reader
4.	Dr. S. S. Khare	18.12.1975	- Professor
5.	Dr. M. B. Rege	17.02.1977	- Reader
6.	Dr. V. Kumar	23.03.1981	- Reader
7.	Dr. S. K. Srivastava	31.05.1985	- Reader
8.	Dr. (Mrs) C. R. Mondal	08.09.1988	- Lecturer.

#### N. Physics Department

1.	Dr. Y. S. T. Rao	22.09.1976	- Professor
2.	Dr. R. Singh	05.10.1976	- Reader
3.	Prof. A. L. Verma	02.02.1977	- Professor
4.	Dr. Y. S. Jain	22.06.1978	- Reader
5.	Dr. P. N. Pandita	06.08.1978	- Reader
6.	Dr. D. T. Khatting	03.05.1979	- Reader
7.	Dr. P. Shukla	31.07.1979	- Professor

8.	Dr. K. Kumar	14.04.1982	- Reader
9.	Prof. C. S. Shastry	28.07.1985	- Professor
10.	Dr. (Mrs.) B. M. Jyrwa	18.03.1985	- Lecturer
11.	Dr. P. N. Ram	17.04.1985	- Reader
12.	Dr. M. K. Parida	14.09.1985	- Reader
13.	Dr. (Mrs.) W. L. Basaiawmoit	9.12.1986	- Lecturer
14.	Dr. P. K. Mondal	17.12.1986	- Lecturer (Resigned)

### O. Chemistry Department

1.	Prof. H. Junjappa	01.07.1976	- Professor
2.	Dr. M. K. Mahanti	01.12.1972	- Reader
3.	Dr. (Mrs.) H. Ila	10.12.1977	- Professor
4.	Dr. R. K. Poddar	01.05.1978	- Reader
5.	Dr. K. Ismail	25.05.1978	- Reader
6.	Dr. S. N. Bhat	24.08.1978	- Professor
7.	Dr. M. K. Chouhury	9.07.1979	- Professor
8.	Prof. T. S. B. Narasaraju	16.08.1979	- Professor
9.	Dr. K. K. Dwivedi	26.06.1980	- Reader
10.	Dr. M. P. Mahajan	15.12.1981	- Reader
11.	Dr. B. Myrboh	18.08.1984	- Lecturer
12.	Dr. S. Arvanmudhan	15.04.1985	- Reader
13.	Dr. S. N. Rai	15.04.1985	- Lecturer
14.	Dr. S. Goswami	17.05.1985	- Lecturer
15.	Dr. H. S. P. Rao	14.06.1985	- Lecturer
16.	Dr. Z. Heisie	23.03.1988	- Lecturer.

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### P. Geography Department

1.	Dr. A. C. Mohapatra	28.07.1976	- Reader
2.	Dr. R. Gopalakrishnan	28.07.1976	- Reader
3.	Dr. A. Ahmed	06.04.1977	- Lecturer
4.	Prof. R. K. Rai	17.04.1978	- Professor
5.	Sri. P. G. Momin	11.09.1979	- Lecturer
6.	Sri. B. S. Batula	13.06.1985	- Lecturer
7.	Sri. D. K. Nayak	01.07.1985	- Lecturer
8.	Sri. B. S. Mipun	19.11.1985	- Lecturer
9.	Sri. H. J. Syiemlieh	06.06.1989	- Lecturer
10.	Dr. S. Singh	29.08.1989	- Reader
11.	Dr. (Mrs) S. Chakravarty	07.11.1989	- Reader

### Q. Library and Information Science Department

1.	Prof. J. C. Binwal	10.12.1985	- Professor
2.	Mrs. V. Saraf	13.06.1986	- Lecturer
3.	Dr. A. S. Chandel	15.07.1986	- Reader (on E. O. L.)

### Institute of Self Organising System and Bio-Physics

1.	Dr. (Miss.) P. Nongkynrih	09.07.1986	- Reader
2.	Prof. R. P. Bajpai	15.07.1986	- Professor
3.	Dr. V. Singh	18.08.1986	- Reader
4.	Dr. (Mrs.) D. Roy	20.12.1986	- Lecturer
5.	Dr. P. K. Bajpai	05.08.1988	- Lecturer
6.	Dr. R. H. Duncan	0.11.1988	- Lecturer
7.	Dr. S. Kumar	28.02.1990	- Reader.

### A. Centre for Adult and Continuing Education

- |                             |            |             |
|-----------------------------|------------|-------------|
| 1. Dr. M. C. Pandey         | 06.08.1983 | - Professor |
| 2. Dr. (Mrs.) B. Lyndem     | 08.04.1987 | - Reader    |
| 3. Dr. K. M. Warjri         | 06.05.1988 | - Lecturer  |
| 4. Dr. (Miss.) H. K. Synrem | 17.06.1988 | - Lecturer  |

### B. Centre for Creative Arts

- |                             |            |             |
|-----------------------------|------------|-------------|
| 1. Dr. H. B. Kynta          | 22.06.1974 | - Professor |
| 2. Sri. D. L. Kharmawphlang | 06.05.1987 | - Lecturer  |
| 3. Sri. M. H. Borbhuiya     | 28.06.1988 | - Lecturer  |

### C. Centre for Eco-Development

- |                       |            |             |
|-----------------------|------------|-------------|
| 1. Prof. R. R. Mishra | 30.03.1979 | - Professor |
| 2. Dr. B. K. Tewari   | 10.05.1988 | - Reader    |

### D. Regional Sophisticated Instrumentation Centre : (RSIC)

- |                       |            |          |
|-----------------------|------------|----------|
| 2. Dr. D. T. Khathing | 15.03.1985 | - Reader |
|-----------------------|------------|----------|

### E. Centre for Science Education

- |                    |            |          |
|--------------------|------------|----------|
| 1. Dr. M. M. Singh | 08.12.1984 | - Reader |
|--------------------|------------|----------|

### F. Centre for Literary and Cultural Studies

- |                    |            |                       |
|--------------------|------------|-----------------------|
| 1. Km. N. Ganguly  | 15.11.1979 | - Lecturer (Nagaland) |
| 2. Sri. P. Jhingan | 17.09.1984 | - Lecturer            |
| 3. Dr. S. Sen      | 31.08.1985 | - Reader              |

### G. Centre for Applied Statistics

- |                       |            |            |
|-----------------------|------------|------------|
| 1. Smti. G. Das (I/c) | 07.04.1987 | - Lecturer |
| 2. Sri. B. K. Gupta   | 28.10.1988 | - Lecturer |

### H. Centre for Computer Science

- |                     |            |             |
|---------------------|------------|-------------|
| 1. Dr. P. Shukla    | 21.09.1988 | - Professor |
| 2. Sri. T. K. Sinha | 17.08.1988 | - Lecturer  |

### I. Centre for Distant Education

- |                         |            |                 |
|-------------------------|------------|-----------------|
| 1. Dr. B. K. Dev Sharma | 01.04.1985 | - Reader (I./C) |
|-------------------------|------------|-----------------|

## MIZORAM CAMPUS AIZAWL

### A. English (Campus) Department

- |                     |            |            |
|---------------------|------------|------------|
| 1. Sri. K. C. Boral | 15.11.1979 | - Lecturer |
| 2. Mrs. R. Ralte    | 11.01.1982 | - Lecturer |
| 3. Mrs. M. Zama     | 15.01.1982 | - Lecturer |
| 4. Dr. S. Ganguly   | 20.07.1988 | - Reader   |

### B. Education (Campus) Department

- |                    |            |            |
|--------------------|------------|------------|
| 1. Dr. K. P. Nath  | 27.08.1984 | - Lecturer |
| 2. Dr. R. S. Wangu | 13.11.1984 | - Reader   |

### C. Economics (Campus) Department

1. Shri. Lianzela	23.10.1979	- Lecturer
2. Shri. S. K. Ghosh	30.07.1980	- Lecturer
3. Shri. Thangchungnunga	01.06.1982	- Lecturer
4. Prof. K. K. Upadhyaya	31.07.1982	- Professor
5. Dr. A. K. Agarwal	28.05.1987	- Reader

### D. Psychology (University) Department

1. Dr. A. N. Jaiswal	15.04.1985	- Reader
2. Dr. L. N. Singh	06.04.1987	- Reader
3. Miss Zakaitluangi	13.09.1989	- Lecturer

### E. Public Administration (University) Department

1. Dr. R. N. Prasad	27.06.1985	- Reader
2. Prof. A. K. Sharma	29.07.1985	- Professor
3. Sri. C. Lalkima	06.04.1987	- Lecturer
4. Dr. S. Jawaid	01.02.1988	- Lecturer

## NAGALAND CAMPUS, KOHIMA

### A. English (Campus) Department

1. Sri. K. C. Joseph	14.11.1979	- Lecturer (on leave)
2. Dr. K. T. Vishwanath	29.08.1984	- Reader (Resigned)
3. Mrs. E. Iralu	15.10.1988	- Lecturer
4. Sri. M. C. D. Singha	10.03.1989	- Lecturer (Back to Parent Department)
5. Dr. A. G. George	20.04.1989	- Professor

### B. Education (Campus) Department

1. Prof. K. K. Sharma	01.09.1978	- Professor
2. Dr. P. K. Gupta	08.02.1980	- Reader
3. Shri J. Chand	28.02.1980	- Lecturer (on E.O.L.)
4. Dr. S. K. Gupta	01.10.1984	- Reader
5. Dr. R. P. Shukla	07.09.1988	- Lecturer

### C. Commerce (University) Department

1. Shri. T. Vihienuo	24.03.1981	- Lecturer
2. Dr. V. K. Kumar	22.10.1984	- Reader
3. Sri. N. M. Panda	16.09.1985	- Lecturer

### D. Geology (University) Department

1. Shri. R. Sharma	30.10.1984	- Reader
2. Dr. R. P. Kachhara	15.10.1985	- Reader
3. Dr. N. Pandey	16.12.1985	- Lecturer
4. Dr. R. N. Sharma	28.02.1987	- Reader

### E. Linguistics (Campus) Department

1. Dr. (Km) J. War	21.06.1977	- Professor
2. Dr. R. Sachdeva	01.08.1988	- Reader

## F. Ancient History and Archeology

1.	Dr. V. A. Sanyu	01.10.1988	- Lecturer
2.	Dr. N. N. Acharya	11.05.1989	- Reader
3.	Prof. T. Ch. Sharma	05.11.1990	- Professor.

## G. School of Agricultural Sciences & Rural Development—Medziphema

1.	Dr. V. B. Singh	31.08.1981	- Reader
2.	Dr. P. L. Kar	01.02.1986	- Professor
3.	Mrs. T. A. Sema	12.06.1989	- Lecturer
4.	Mr D. Sanyal	26.08.1989	- Lecturer

## H. Soil Conservation

1.	Dr. B. S. Chauhan	03.10.1980	- Professor
2.	Vacant	..	- Reader
3.	Vacant	..	- ectorer

## I. Plant Pathology

1.	Dr. D. N. Upadhya	10.01.1980	- Reader
2.	Dr. L. R. Saha	13.04.1982	- Lecturer
3.	Dr. H. B. Singh	27.09.1984	- Lecturer

## J. Rural Development and Planning

1.	Mr. K. K. Nakhro	12.06.1989	- Lecturer
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## K. Animal Husbandary

1.	Vacant	..	- Professor
2.	Dr. V. B. Sharma	16.01.1984	- Rfader
3.	Dr. S. Bhusan	22.07.1989	- Lecturer

## L. Agronomy

1.	Shri. R. Mohon	10.09.1981	- Lecturer
2.	Mr. B. Gopichand	24.01.1983	- Lecturer
3.	Dr. N. P. Singh	15.05.1988	- Reader

## M. Plant Breeding (Agri - Botany)

1.	Sri. A. K. Handique	29.09.1981	- Lecturer
2.	Dr. N. S. Jamir	31.10.1984	- Reader
3.	Dr. K. K. Singh	01.10.1985	- Reader
4.	Mr. K. Sayie	26.08.1986	- Lecturer.

## N. Agricultural Chemistry

1.	Dr. R. C. Gupta	14.02.1979	- Lecturer
2.	Dr A. K. Kolay	04.03.1981	- Lecturer
3.	Sri. S. K. Sharma	22.02.1984	- Lecturer
4.	Dr. P. V. R. Rao	17.05.1988	- Reader

## O. Agricultural Engineering

1.	Mr. J. P. Jaiswal	16.02.1981	- Lecturer
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**P. Entomology (Agri - Zoology)**

- |                         |            |            |
|-------------------------|------------|------------|
| 1. Dr. D. P. Chaturvedi | 15.09.1980 | - Reader   |
| 2. Dr. O. P. Singh      | 08.10.1985 | - Lecturer |

**Q. Agricultural Economics**

- |                    |            |            |
|--------------------|------------|------------|
| 1. Mr. P. Honorius | 08.04.1981 | - Lecturer |
|--------------------|------------|------------|

**R. Agricultural Mathematics**

- |                         |            |            |
|-------------------------|------------|------------|
| 1. Dr. D. Bhattacharjee | 06.08.1979 | - Lecturer |
| 2. Dr. V. Sharan        | 03.10.1988 | - Lecturer |

**S. Agricultural Physics**

- |                     |            |            |
|---------------------|------------|------------|
| 1. Dr. D. P. Sharma | 11.08.1979 | - Lecturer |
| 2. Sri. P. K. Patra | 19.10.1985 | - Lecturer |

**T. Agricultural Extension**

- |                     |            |             |
|---------------------|------------|-------------|
| 1. Vacant           | ..         | - Reader    |
| 2. Dr. A. Lanu Ao   | 06.09.1983 | - Lecturer  |
| 3. Smti. S. Nakhro  | 10.06.1986 | - Lecturer  |
| 4. Sri. S. K. Nanda | 10.12.1988 | - Lecturer. |

**U. Humanities (English)**

- |                     |            |            |
|---------------------|------------|------------|
| 1. Vacant           | ..         | - Reader   |
| 2. Dr. R. S. Thakur | 05.03.1980 | - Lecturer |
| 3. Dr. R. K. Dhar   | 12.10.1984 | - Lecturer |
| 4. Dr. K. Cornelius | 01.07.1987 | - Lecturer |

## HEAD OF DEPARTMENTS (1989, 90)

### (A) School of Social Sciences

- |  |                       |
|--|-----------------------|
| 1. Political Sciences                      | — Prof. R. L. Walli,  |
| 2. Sociology                               | — Prof. A. C. Sinha,  |
| 3. Anthropology                            | — Prof. A. P. Sinha,  |
| 4. History                                 | — Prof. Imdad Hussain |
| 5. Philosophy                              | — Prof. (Mrs) S. Miri |
| 6. Ancient History and Archeology (Kohima) | — Dr. N. N. Acharya   |
| 7. Economics deptt. (Shillong)             | — Dr. K. Bez          |
| 8. Economics Deptt. (Aizawl)               | — Dr. K. K. Upadhyay  |
| 9. Commerce deptt. (Kohima)                | — Dr. V. K. Kumar.    |
| 10. Public Administration Deptt. (Aizawl)  | — Prof. A. K. Sharma  |
| 11. Psychology deptt. (Aizawl)             | — Dr. L. N. Singh.    |

### (B) School of Physical Sciences

- |                       |                       |
|-----------------------|-----------------------|
| 1. Mathematics deptt. | — Dr. Vijay Kumar     |
| 2. Physics deptt.     | — Prof. Y. S. T. Rao  |
| 3. Chemistry Deptt.   | — Prof. (Mrs) H. Ila. |

### (C) School of Education

- |  |                         |
|--|-------------------------|
| 1. Deptt. of Educational Research & Studies (Shillong) | — Dr. Mrs. M. S. Padma. |
| 2. Education Deptt. (Kohima)                           | — Dr. S. K. Gupta       |
| 3. Education Deptt. (Aizawl)                           | — Dr. R. S. Wangu.      |

### (D) School of Life Sciences

- |                         |                           |
|-------------------------|---------------------------|
| 1. Botany Deptt.        | — Prof. Y. S. Chauhan.    |
| 2. Zoology Deptt.       | — Prof. B. K. Ratha.      |
| 3. Bio-Chemistry Deptt. | — Prof. R. Lalhantheanga. |

### (E) School of Earth Sciences

- |                            |                     |
|----------------------------|---------------------|
| 1. Geology Deptt. (Kohima) | — Dr. R. P. Kachara |
|----------------------------|---------------------|

### (F) School of Environmental Sciences

- |                     |                        |
|---------------------|------------------------|
| 1. Geography Deptt. | — Dr. A. C. Mohapatra. |
|---------------------|------------------------|

### (G) School of Library and Information Sciences

- |  |                       |
|--|-----------------------|
| 1. Department of Library and Information | — Prof. G. C. Binwal. |
|--|-----------------------|

### (H) School of Agricultural Sciences & Rural Development

- |   |                        |
|---|------------------------|
| 1. Deptt. of Horticulture                 | — Prof. P. L. Kar.     |
| 2. Deptt. of Soil Conservation            | — Prof. B. S. Chauhan. |
| 3. Deptt. of Rural Development & Planning | — Prof. V. P. Pande.   |

### (I) School of Literature and Languages

- |                                |                            |
|--------------------------------|----------------------------|
| 1. English deptt. (Shillong)   | — Prof. N. Hassan.         |
| 2. English Deptt. (Kohima)     | — Dr. K. T. Kirwanath.     |
| 3. English deptt. (Aizawl)     | — Dr. S. Ganguly.          |
| 4. Khasi Deptt. (Shillong)     | — Dr. A. W. Sten.          |
| 5. Linguistics deptt. (Kohima) | — Prof. (Miss) Gunita War. |

## Centres

- |   |                              |
|---|------------------------------|
| 1. Centre for Creative Arts                                 | — Dr. Y. Khan.               |
| 2. Centre for Adult and Continuing Education                | — Dr. (Mrs) B. Lyndem (Laso) |
| 3. Centre for Eco-Development                               | — Dr. B. K. Tewari           |
| 4. Centre for Mathematics & Education                       | — Dr. Man Mohan Singh.       |
| 5. Centre for Literary and Cultural Studies                 | — Dr. Soumen Sen.            |
| 6. Centre for Applied statistics                            | — Smti. G. Das               |
| 7. Centre for Distant Education                             | —                            |
| 8. Centre for Computer Sciences                             | — Prof. P. Shukla            |
| 9. Regional Sophisticated Instrumentation<br>Centre (RSIC)  | — Dr. D. T. Khathing.        |
| 10. Centre for University service<br>Instrumentation (USIC) | — Prof. B. M. Mehrotra.      |

**LIST OF COLLEGES AFFILIATED TO NORTH-EASTERN HILL UNIVERSITY  
AS ON 31-12-1989**

Name of the Colleges	Principal	Year of Establish- ment	Level to which Affiliated
* 1. St' Edmund's College Shillong - 793003.	Fr. W. A. D. Souza	1924	Degree (Arts & Science).
* 2. St. Anthony's College Shillong - 793003.	Fr. Stephan Mavelly	1934	Degree (Arts, Science & Com).
* 3. Lady Keane Girls' College, Shillong - 1.	Miss. A. M. Marbaniang	1935	Degree (Arts & Science)
* 4. St. Mary's College, Shillong - 793003	Sr. M. Germain	1937	Degree (Arts & Science)
5. Union Christian College, Barapani - 793122 (Meghalaya),	Dr. C. J. Joh	1952	Degree (Arts, Science & Com),
6. Shillong College, Shillong - 3.	Shri. D. S. Rawat	1956	Degree (Arts, Science & Com)
7. Tura Govt. College, Tura - 794001.	Shri. R. Bhattacharjee	1958	Degree (Arts, Science & Com.)
8. Sankardev College Shillong - 793004.	Shri. R. N. Upadhyaya	1962	Degree (Arts)
9. Synod College Shillong - 793002	Shri. E. M. Sohkhlet	1965	Degree (Arts) P. U. Science.
* 10. Kiang Nongbah Govt. College, Jowai - 793150	Dr. D. C. Bhattacharya	1967	Degree (Arts & Science)
* 11. Mendipather College, Mendipather - 797112	Shri. F. W. Momin	1971	Degree (Arts)
* 12. Sengkhasi College, Shillong - 793002.	Ms. B. Tymthai	1973	Degree (Arts)
13. Nongstoin College, Nongstoin - 793119.	Shri. B. K. Laitflang	1986	Degree (Arts)
14. Acheng Rangmanpa College, Mahendraganj - 794106.	P. Senath Kumar	1986	P. U. (Arts)
15. Raid Laban College, Shillong - 793004	Shri. S. Nongbri	1986	Degree (Com.) P. U. (Arts, Sc. Commerce)
16. Ri-Bhoi College, Nongpoh - 793102	Shri R. I. Masharing	1986	P. U. (Arts)

17.	Sngap Sing Memorial College, Mawkyrwat 793114.	Shri. S. B. Sohmat	1986	P. U. (Arts)
18.	Sohra College, Cherrapunjee - 793108	Shri. Saittist Roy Wanswett	1986	P. U. (Arts)
19.	Shillong Commerce College, Shillong -3.	Shri R. Kharpor	1987	B. Com.
20.	Don Bosco College, Tura - 794001	Fr. Cyriac Vettickathadam SDB	1987	Degree (Arts) P. U. (Science)
21.	Tirot Singh Memorial College, Mairang-093020	Prof. H. Syiemlich	1987	P. U. (Arts)
22.	Women's College, Shillong - 793003	Dr. B. Datta Roy	1987	Degree (Arts)
23.	Tikrikilla College, Tikrikilla (W. Garo Hills)	Shri P. Chakraborty	1988	P. U. (Arts)
** 24.	Pachhunga Univ. College, Aizawl - 796001	Shri. Saingenga	1958	Degree Arts & Commerce
* 25.	Lunglei Govt. College, Lunglei -796701 (Mizoram)	Dr. Lalrimawia	1964	Degree Arts, Sc. & Commerce)
26.	Serchip College, Serchip - 796321 (Mizoram).	Shri. H. D. Rosanga	1973	Degree (Arts)
27.	Champhai College, Champhai - 796321	Sri. F. Rangenga	1974	Degree (Arts)
* 28.	Aizawl College Aizawl - 796001	Shri. Lalruanga	1975	Degree (Arts)
* 29.	Kolasib College Kolasib - 796081	Shri. T. B. C. Liandala	1978	Degree (Arts)
* 30.	Saiha College Saiha - 796901, Mizoram.	Shri. C. Zohupa	1978	Degree (Arts)
31.	Hnaithial College, Hnaithial - 796571	Shri. Sangthanga	1979	P. U. (Arts)
32.	Zirtiri Women's College Aizawl - 796001	Smt. B. Sangkhumi	1980	Degree (Arts) & (Home Science)
33.	Hrangbana College Aizawl - 796001	Shri. R. Zatlai	1980	Degree (Arts & Commerce)
34.	Lawngtlai College, Lawngtlai - 796891	Shri. T. Thangthuama	1981	P. U. (Arts)
* 35.	Fazl Ali College, Mokokchung - 798601	Shri D N Choudhury	1980	Degree (Arts & Commerce)

* 36.	Science College, Kohima - 797001.	Dr. I. U. Ahmed	1961	Degree (Sc.)
37.	Sao Chang College, Tuensang - 798612	Dr. B. B. Kumar	1974	Degree (Arts)
* 38.	Kohima College, Kohima - 797001	Shri. H. Gupta	1967	Degree (Arts)
39.	Dimapur College,	Shri. Imsen Ao	1966	Degree (Arts Commerce)
* 40.	Patkai Christian College, Dimapur - 797112	Dr. Tuisem A. Shishak	1977	Degree (Arts)
* 41.	Mountiyi College, Wokha - 797111	Shri. K. C. Murry	1977	Degree (Arts)
42.	Zunheboto College, Zunheboto - 798620	Shri Piketo Sema	1980	Degree (Arts)
43.	St Joseph's College, Jakhama - 797001	Fr Francis Vasnaphilly S. J.	1985	Degree (Arts) Commerce
44.	Wangkha College, Mon- 798621	Mr. Tongwangkonyak	1985	P. U. (Arts)
45.	People's College, Mokokchung - 798601	Shri. Tongpang-kumba Ao.	1986	P. U. (Arts)
46.	Pfutsero College.	Shri. Weprenyikapro	1987	P. U. (Arts)
47.	Baptist College, Mission Compound, Kohima - 797001	N. Delho Khate	1968	P. U. (Arts)
48.	Public College of Commerce, Nagaland.	L. Ulhoutuo Angami	1989	P. U. (Com.)

#### Meghalaya

1.	Post Graduate Trg. College, Shillong- 3.	Mrs. J. E. Shullai	1964	B. Ed.
2.	Shillong Law College, Shillong - 3.	Shri. D. B. Datta	1964	LL. B.
3.	Tura Law College, Tura - 794001.	Shri. L. Momin	1975	LL. B.

#### Mizoram

1.	Mizoram Institute of Education, Aizawl-796001	Shri. Siamkima Khawlhing	1975	B. Ed.
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#### Nagaland

1.	Nagaland College of Education, Kohima - 797001	Shri. S. K. Sinha	1975	B. Ed.
2.	Mokokchung Law College, Mokokchung - 798601	Shri Tanjem Ao.	1981	LL. B.
3.	Kohima Law College, Kohima - 797001, Nagaland.	Shri. K. N. Tankha	1978	LL. B.

\* Permanent Affiliated College.

\*\* Constituent Colleges.

## DEPARTMENT OF ENGLISH

1. **Name of the Department** —Department of English, Shillong.
2. **Introduction** :—The Department of English got under way in 1973 the Year in which the University itself came into being. This was done taking into account the favourable climate that existed for a serious study of English Literature at the post-graduate level in this region where English has all along been the official languages and where English has enjoyed a kind of popularity, thanks to the existence of some excellent schools and colleges with a tradition of their own.

The overall objective was to produce scholars, sensitive and informed, who by virtue of their awareness of the English literary and critical tradition could look meaningfully at their own languages and literatures, who could substantially reinforce the teaching of English at the Schools and colleges in the region as also elsewhere and who could undertake research into the literary or linguistic areas of their choice.

It must go on record that the Department has been striving, with increasing measures of success, to achieve that objective.

3. **Name of the Head of the Department** : Prof. N. Hasan.

4. **The Faculty with Specialisations :**

1. Prof. S. Homchoudhury - (Renaissance & Romantic Lectures)  
Dean of the School of Languages.
2. Prof. N. Hasan - Modern Fiction.  
Head of the Department.
3. Prof. E. N. Lall - Modern Literature.
4. Prof. (Mrs) T. Ao - American Literature.
5. Dr. (Miss) Juanita War - Linguistics  
(Since moved to Kchima as Prof.).
6. Dr. R. P. Sharma, Reader - Modern Literature.  
(Proceeded on Extra - Ordinary  
leave in Oct. 1989).
7. Dr. M. Dutt (Visiting Fellow - 19th Century Literature.  
who left in June 1989).
8. Mrs. Nola Syiem (Lecturer) - Working for Ph. D. on Modern Poetry.
9. Mrs. E. Syiem (Lecturer). - Working for Ph. D. on Modern Fiction.
10. Mr. Robinra Singh (Lecturer). - Published a collection of Poems.  
(Writers' Workshop).

(Some vacancies at the Reader's and Lecturer's levels to be filled).

5. **M. A. Enrolment & Results**

43 students were admitted to the 1st Semester of the M. A. Programme, of them 29 belonged to the ST/SC 14 to the general category. Of the 14 students who appeared for the end semester examination, 13 came out successful, one securing a First Class.

**M. Phil and Ph. .D. Project Successfully Completed**  
M. Phil. - 2 (two)  
Ph. D. - 3 (three)

## 6. Seminars/Symposia etc.

- I. Prof. N. Hasan delivered a series of lectures at Gauhati University during a teacher's Refresher course Organized by their English Department in September, 1989.
- II. Prof. Hiren Gohain delivered a lecture on "*Marxism and Literature*" in the Department in October, 1989.

## 7. Publication

1. Prof. S. Homchoudhury - "Endymion: The Keatsian Ethos in the Making. *Dibrugarh Journal of English Studies* Vol. 7, 1989 - 90.
2. Prof. (Mrs.) T. Ao. - "Henry James and the Quest for an Ideal Heroine". (Calcutta: Writers Workshop, 1989).

## ENGLISH DEPARTMENT Mizoram Campus

1. Introduction : Established in 1979.
2. Name of the Head of Department ; Dr. Siddhartha Ganguly.
3. Faculty Position :

Name	Designation	Specialization
Dr. S. Ganguly	Reader	ELT & Linguistic
Shri. K. C. Baral	Lecturer	Literary Theory and Criticism.
Mrs. M. Zema (on study leave)	Lecturer	Fiction
Ms. R. Ralte	Lecturer	Poetry
Mrs. B. Ganguly (Guest Lecturer).	Lecturer	Drama

## 4. Student intake

- (a) Enrolment capacity : 20
- (b) Actual Admission
- |                |          |    |           |
|----------------|----------|----|-----------|
| M. A. General  | : Male   | 1  |           |
| S. T.          | : Male   | 1  | Female 1. |
| Ph. D. General | : Female | 2, |           |
- (Synopsis sent for approval)

## 5. Courses conducted

M. A. English course for I & II Semester. The students opted for Language option for course 4 and 8.

**6. Seminars attended/organised**

Shri K. C. Baral was invited for a Seminar on American Research Studies ASRC Hyderabad in Shillong on 27 and 28th February, 1990.

**7. Visiting Professors/Fellow : None**

**8. Publications**

1. Mehrotra, Raja Ram, Ganguly Siddhartha-et al, (eds) *Nehru Man Among Men*, Mittal Publication, New Delhi (1990).
2. Ganguly, S. "Nehru and India's Language Policy" in Ganguly, S. et al (eds) *Nehru Man Among Men* pp. (189-194) Mittal Publications, New Delhi (1990).
3. Baral, K. C. "Tiresias Myth and the Wasteland : A Note" in The North-Eastern Hill University Journal of Social Sciences and Humanities 7:29-33 (1989).
4. Baral, K. C. "Nehru as a Humanist" in :Mehrotra, Agarwal and Ganguly (ed;) *Nehru Man Among Men* : pp. 120-127., *Mittal Publishers* : New Delhi, (1989).
5. Baral, K. C. "The Concept of Sublimation in Psycho-analysis and in Literature" accepted for publication in CIEFL Bulletin, Hyderabad (July, 1990).

**9. Study Tour of Students : None**

**10. Thrust area of Research : Applied Linguistics & Language Teaching.**

**11. Research Project : A proposal was submitted to UGC for grant to conduct research on the problems of Teaching Learning English in Mizoram.**

**12. Any other remarks**

1. The department proposed a Diploma Course in the Teaching of English for Mizoram.
2. A syllabus for Remedial English for the Government Servants of Mizoram was prepared and submitted at the request of the Government of Mizoram.

**DEPARTMENT OF ENGLISH**

**Nagaland Campus, Kohima**

1. **Introduction** : The Department of English came into existence in 1979 with a view to introduce M. A. English course in Nagaland Campus.
2. **Head of the Department / Incharge** : Shri Kiremwati, Pro-Vice-Chancellor.
3. **Faculty Position**

Name	Designation	Specialization
A. Prof. A. G. George	Professor (contract appointment)	17th and 20th century Literature, Literary Theory and Criticism.

B.	Dr. K. T. Viswanath	Reader and Incharge -	Linguistics (belongs to the department of Linguistics)
C.	Dr. K. C. Joseph	Lecturer	Modern Literature (on study leave since 1. 6. 88).
D.	Mrs. Easterine Iralu	Lecturer	19th Century Poetry.
E.	Mrs. Rosemary Thong	Lecturer (Adhoc in the leave vacancy of Dr. K. C. Joseph).	Drama and Fiction,

**4. Student Intake :**

- (a) Enrolment capacity : M. A. - 20.  
 (b) Actual Admission : M. A. (Semester I) - 2.  
 (S. T. - 1, Others - 1)  
 M. A. (Semester II) - 2  
 (S. T. - 2)

5. Courses conducted : Titles only  
 M. A. (English) I, II, III & IV Semesters.

6. (A) Seminars/Conferences/Symposia/Extension Programmes/organised by the department: Nil.

(B) Seminars/Conferences/Symposia/Extension Programmes/attended by the faculty Members :

- (i) Prof. A. G. George : (a) Visiting Professor - CIEFL, Hyderabad. 3 weeks (July 19 to 31, 1989)  
 (b) Six T. V. recordings on various topics connected with literature, education and social reconstruction. They have been telecast under UGC transmission. EMRC Hyderabad (July 89 and Oct, 89).  
 (c) Delivered the Inaugural address on Social Criticism in Russian Fiction with special reference to Tolstoy, Dostoyevsky at the International Seminar on Society and Literature in Russia, organised by CIEFL, Hyderabad (October 21 - 25, 1989).

7. Visiting Professors/Fellows : Nil.

**8. Publications:**

Vishwanath, K. T. : "Language Deprivation and its Implication", *Annual Magazine of Nagaland College of Education*, Kohima : 1989, pp. 39 - 43.  
 "Educational Development in Nagaland during last 25 years" *Silver Jubilee Volume of Nagaland Legislative Assembly*, Govt. of Nagaland, Kohima; 1989, pp. 81 - 86.

- Easterine Iralu : "Some other Sunrise" - A short story, *Indian Express*, Bombay, July, 22, 1989.  
 "Escalating Prices", *Nagaland Observer Weekly*, Oct. 26, 1989.  
 "Poems for a godchild", *Nagaland Observer Weekly*, Nov. 2, 1989.  
 "November Overture", *Nagaland Observer Weekly*, Nov. 16, 1989.  
 "Poetry for Christmas", *Nagaland Observer Weekly*, Dec. 21, 1989.
9. Study Tour/Field Trips of Students Nil.
10. Thrust Area of Research : Nil.
11. Research Programme/Research Project (undertaken during the year under review) Nil.
12. Any other remarks : Shortage of staff, inadequate funds for research and library.

## DEPARTMENT OF LINGUISTICS

### Nagaland Campus

1. The Department of Linguistics, Nagaland was established in October, 1988.

The Special UGC Committee (1983) recommended that "at the initial period two senior positions in the linguistics may be sanctioned and filled up without starting any teaching programme in linguistics ..... Eventually after a period of five or six years, the department of linguistics may plan and set up degree and post-graduate programmes in linguistics for the entire region".

In keeping with the above, the department is conducting research on some Naga languages as the first stage to the research project "Linguistics profile of North-East India".

The faculty members of the Linguistics department have been teaching and are still teaching the linguistics courses in the department of English.

2. Name of the Head of Department : Prof. Juanita War.

3. Faculty Position :

Name	Designation	Specialisation
1. Prof. Juanita War	Professor (June 89)	General Linguistics, Applied Linguistics.
2. Dr. K. T. Vishwanath	Reader (Sept. 84)	Dialectology.
3. Dr. R. Sachdeva	Reader (Aug. 88)	Material Production and Sociolinguistics, Bilingualities.

4. Courses conducted :

i) Research Department.

ii) Certificate course in Linguistics (Sept. 88 - July 89).

5. Thrust Area of Research- A Linguistic Profile of North East India.

## 6. Seminars/Conferences :

### Prof. J. War

1. Attended UGC Conference on English Syllabus Reforms, New Delhi, 4th July, 1989.
3. Participated and presented two papers in a workshop on Ethnography of Communication organised by the Central Institute of Indian Languages, Mysore on the department of Anthropology, NEHU, Shillong 8-9 November, 1989.
3. Paper on "Problems of the classification of North-Eastern tribal languages" for a seminar organised by CSIRS, Delhi, Shillong 18th December, 1989.
4. Gave lectures in a Course on "The use of English in a multilingual setting" organised by the Central Institute of English and Foreign Languages, Shillong for College Teachers of the NE and West Bengal 19-24 February, 1990.
5. Presented paper "From interlingual to bilingual" at the CIEFL Seminar for College Teachers, Shillong 3rd March, 1990.

### Dr. R. Sachdeva :

1. Attended Workshop on material production in tribal languages of Rajasthan, Udaipur May 26 - June 6, 1989.
2. Was a resource person for an orientation programme on "Use of spoken languages in adult literacy programmes" 20-30 July, 1989.
3. Was a resource person for a Workshop on material production in tribal languages of Rajasthan 14 December - 3 January, Mysore.

### Publication of Dr. K. T. Vishwanath :

- a) "Language Deprivation and its Implication" Annual Magazine of Nagaland College of Education, Kohima 1989, pp. 39-43.
- b) "Educational development in Nagaland during last 25 years" Silver Jubilee Volume of Nagaland Legislative Assembly, Govt. of Nagaland, Kohima 1989, pp. 81-86.

## KHASI DEPARTMENT

1. **Introduction** The Department of Khasi, North-Eastern Hill University, was established in 1981. This was another step towards implementing the aims and objects of the University which are to bring about intellectual development and academic advancement of the people of the Khasi and Jaintia Hills District; and to highlight the importance of the Khasi Language and Literature while at the same time exposing the students to the Literatures of other peoples through the translation chiefly from Sanskrit, Hebrew, Greek and English.

2. **Name of the Head of the Department :** Dr. H. W. Sten, Reader.

3. **Faculty Position :**

- |                       |           |                    |
|-----------------------|-----------|--------------------|
| (a) Dr. R. S. Lyngdoh | Professor | Khasi Culture      |
| (b) Dr. H. W. Sten    | Reader    | Poetry & Criticism |

- |                         |                     |                   |
|-------------------------|---------------------|-------------------|
| (c) Mr. B. L. Swer      | Lecturer            | Khasi Drama       |
| (d) Ms. Streamlet Dkhar | Lecturer            | Khasi Drama       |
| (e) Mrs. M. B. Jyrwa    | Lecturer            | Khasi Linguistics |
| (f) Miss. D. Marwein    | Research Associate. |                   |

4. Students Intake :

- (a) Enrolment Capacity 35 per year  
 (b) Actual Admission M. A.

	Male	Female	Total
I & III	9	11	20
II & IV	2	11	13
M. Phill (REG)	1	11	12
M. Phill. (SPE)	2	4	6
Ph. D. No fresh admission during the year from Previous years.			
Results Announced	3		9

5. Courses conducted :

- i. History of Khasi Literature
- ii. Khasi Poetry upto 1940
- iii. Khasi Literary Theory and criticism
- iv. Khasi Fiction upto 1970.
- v. Khasi Prose Linguistics I
- vi. Khasi Drama I
- vii. Literary Theory and Criticism
- viii. The Role of Folk-Tales
- ix. Literature in Translation
- x. Linguistic II/English Drama
- xi. Khasi Fiction II
- xii. Khasi Poetry II
- xiii. Khasi Drama II upto 1948
- xiv. Cultural Pattern in Khasi Literature
- xv. Khasi Language Study/Khasi Fiction III
- xvi. Dissertation.

**M. Phil**

- i. Nineteenth Century Ideas
- ii. Research Methodology
- iii. Ideas and Criticism
- iv. Poetic Themes and Techniques.

6. Seminar organized : Nil

Seminars attended :

1. Prof. R. S. Lyngdoh, presented papers "Khasi Policy as reflected in Hima Khyrim" (3.4.89) and "The working of village councils in Meghalaya" (4.4.89) in a seminar on Panchayata Raj organized by the Govt. of India at Calcutta.
2. Mrs. M. B. Jyrwa, participated in a "Seminar on Ecology" organized by the Christian Auxiliary for Social Action at Shillong on 23.3.90, and a "Regional Seminar on Pollution and Environmental Degradation" organized by the Centre for Distance Education, NEHU on the 29th and 30th March, 1990.
3. Dr. H. W. Sten, conducted a workshop in the "Teaching of Grammar" and "Text Analysis" for college teachers who participated in an English - Vernacular Language Development Course organized by the Regional Centre of CIEFL from March 26 to March 30, 1990.

7. Visiting Fellows : Nil.  
Guest lecturers : Dr. J. S. Shangpliang and Mr. D. L. Kharmawphlang.

8. Publications :

1. Lyngdoh, R. S.
  1. "Vishnu Sahay's Plan" in *Sentinel* (Gauhati, 7-5-89).
  2. "Life and Works of Dr. Homiwell Lyngdoh" in *Assam Tribune* (Gauhati 30-9-89).
  3. "Khasi Culture" serialised in *Dongmusa* (Guwahati from April to November, 1989)
2. Sten H. W.
  1. *Khasi Poetry* (Delhi : Mittal Publications, 1990).
  2. *Shaphang ka Novel* (rev. edition 1990).
  3. "The Religious Philosophy of Amjad Ali" in *Assam Tribune Golden Jubilee Supplement*.
  4. "Set Your Goals and Achieve Them" in *Meghalaya Guardian* (Gauhati 2-1-90).
  5. "Realignment for what" in *Meghalaya Guardian* (5-1-90). p. 4.
  6. "Looking Back on Meghalaya Politics" in *Meghalaya Guardian* (21-1-90) p. 4.
  7. "State of Congress in Meghalaya", *Meghalaya Guardian* (29-1-90) p. 4.
  8. "Rural Womens Vision of a Society", *Meghalaya Guardian* (1-2--90) p. 4
  9. "Tasks Before Khasi Authors, *Action Gauhati*, March 14-20, 1990 (p. 10).
  10. "Minerals Await Exploitation in Meghalaya", *Sentinel* (Gauhati, 21-1-90) p. 3
  11. (ed) *Khasi Studies*, Vol. III (April 1989 - March 1990) and wrote the following research articles : "Linguistics", "The spelling of Robinson", "Two Uses of Stylistics", "Khasi Spelling"; and "U Junai Bah ha Ri Khasi".
3. Dkhar, S  
"The Contribution of the Prague School in *Khasi Studies*, Vol. III No. 2 (1989) pp. 44-54.
4. Jyrwa, M. B.  
"The Khasi Noun Parase" in *Khasi Studies* Vol. III No. 4 (1990) pp. 99-104

9. One field trip to Nartiang in Jaintia Hills.
10. Thrust areas of Research : Khasi literature, Culture and Linguistics.
11. Research programme during the year. All the three Lecturers completed their Ph. D thesis during the year under report.
12. Any other : the two senior teachers supervised research works besides teaching at P. G. level,

### DEPARTMENT OF EDUCATION

1. **Introduction :** The Department which was established in the year 1976 was offering courses for the degree of M. Ed. which involved teaching for two semesters. Since 1982-83, the M.Ed. course was discontinued and M. A. (Education) is being offered. This course involves the teaching for four semesters. Also the Department offers M. Phil and Ph. D. programmes in Education.

2. **Name of the Head of the Department/Institution :** Prof. (Mrs) M. S. Padma.

3. **Faculty position in order of seniority :**

Name	Designation	Specialisation
1. Dr. C. L. Anand	Professor (on deputation)	
2. Dr. P. P. Gokulanathan	Professor	1. Educational system in India with special reference to N.E. Region. 2. Achievement related motivation. 3. Educational Evaluation.
3. Dr. (Mrs) K. S. Lyngdoh	Professor and Dean School of Education.	1. Educational Psychology. 2. Educational Management. 3. Education in the N. E. Region. 4. Education in the Third World Countries.
4. Dr. (Mrs) M. S. Padma	Professor and Head.	1. Evaluation and Measurement. 2. Test Statistics. 3. Educational Psychology. 4. Teaching Behaviour.
5. Dr. D. S. Babu	Reader (till 31.12.89) and since retired.	
6. Dr. Mathew George	Reader	1. Sociology of Education with Special reference to tribal areas of North East.

7. Dr. P. K. Ganguli Reader

8. Dr. R. Bhattacharjee Lecturer

9. Dr. (Ms) A. Henia Lecturer

2. Educational Technology, including Distance Education.
3. Economics of Education.
  1. Adult Education.
  2. Tests and Measurement.
  3. Philosophy of Education.
1. Teacher Education.
  2. Educational Psychology.
  3. Educational Technology.
  4. Curriculum Development.
1. Educational System in India (with special reference to Manipur.)

4. Students intake : (a) Enrolment capacity : M. A. 20.  
(b) Actual admission : (during the year 1989 - 90).

Degree	SC	ST	General	Male	Female	Total
M. A.	-	7	8	1	14	15
M. Phil.	-	1	1	-	2	2
Ph. D.	-	1	-	1	-	1

5. Courses conducted :

- (a) M. A.
- (b) M. Phil.
- (c) Ph. D.

6. Seminars/Conferences/Symposia/ Extension Programmes :

- (a) Organised : Nil.
- (b) Attended : (i) Dr. P. P. Gokulanathan participated in the 3rd Community Science Festival held at Nongbah, Jowai (15th-17th March 1990.)
- (ii) Dr. (Mrs.) K.S. Lyngdoh, presented a paper "Women's Education" at the Second Asian Conference held at the Regional College of Education, Bhopal (17th-29th November, 1989).
- (iii) Dr. (Mrs) K. S. Lyngdoh edited the course material in Educational Psychology for correspondence course of under graduates programme of Centre for Distance Education, NEHU, Shillong, Jan. 1990.
- (iv) Dr. (Mrs) K. S. Lyngdoh participated in the Workshop for Research Guides in American Studies and organised by the American Studies Research Centre, Hyderabad and held at NEHU, Shillong (27th-28th February, 1990).

- (v) Dr. (Mrs) K. S. Lyngdoh participated in the 3rd Community Science Festival held at Nongbah, Jowal (15th-17th March, 1990).
- (vi) Dr. (Mrs) K. S. Lyngdoh participated in the workshop on Literacy Mission, organised by the Directorate of Adult Education, Ministry of Human Resource Development, Government of India, New Delhi and Centre for Adult and Continuing Education, NEHU, Shillong (15th-16th March, 1990).
- (vii) Dr. (Mrs) K. S. Lyngdoh participated in the Seminar on "Autonomy for Akashwani and Doordarshan-Prasar Bharati Bill 1989" organised by the Indian Institute of Mass Communication, New Delhi, held at Shillong (16th-17th March 1990).
- (viii) Dr. (Mrs) M. S. Padma participated in the workshop for Research Guides in American Studies organised by American Studies Research Centre Hyderabad and held at NEHU Shillong (27th-28th Feb 1990).
- (ix) Dr. Mathew George presented a paper on "Education for Integrated Tribal Development: A Case Study of Dynamics of Development of Kawrthah Village in Mizoram" at the Seminar on "Perspectives Issues and Experiences of Rural, Development in North-East India" NEICSSR Shillong (26th-27th May 1989).
- (x) Dr. Mathew George took classes on some topics at the Academic Staff College in May 1989 and March 1990.
- (xi) Dr. Mathew George presented a paper "Formulation of Research Problem" at the workshop on - "Research Methodology in Social Sciences", ICSSR, NEHU, Shillong (13th - November 1989).
- (xii) Dr. Mathew George participated and presented a paper "Utilization of Student Support Services in a Study Centre by Distance Learners in a Tribal Area: A Case Study" at the Asian Regional Conference on Educational Technology conducted by AIAET in Trivandrum (13th - 16th December, 1989).
- (xiii) Dr. Mathew George was a visiting professor at the Department of Education, Dibrugarh University to teach courses at M. Ed. level (28th January, 1990 to 26th February, 1990).
- (xiv) Dr. Mathew George presented a paper "Problems and Prospects of Interaction between Department of Pharmaceutical Sciences, Dibrugarh University and Allied Industries in the Region" in the Seminar on "Interaction between Universities and Industrial organisations of North-Eastern India for Research and Development" sponsored by N.E. Council and held at Chemistry Department, Dibrugarh (19th - 20th February, 1990).
- (xv) Dr. Mathew George gave an Extension Lecture on "Communication of Thoughts: Its Problems and Strategies" at Dibrugarh Science Society (23rd February, 1990).
- (xvi) Dr. Mathew George participated in the workshop for Research Guides in American Studies organised by American Studies Research Centre, Hyderabad, and held at NEHU, Shillong (27th-28th Feb. 1990).
- (xvii) Dr. Mathew George gave an Extension Lecture on "Concept of Distance Education" for Counsellors of IGNOU Study Centres in the North-East at IGNOU Regional Centre, Shillong (16th - March, 1990).
- (xviii) Dr. R. Bhattacharjee prepared the Bengali version of Navodaya Vidyalaya Information Brochure, Admission forms and publicity materials published by the NCERT Field Office, Shillong (September 1989).

- (xix) Dr. R. Bhattacharjee acted as State-level Key Resource person of the 5-day Orientation Programme for the Resource Persons under Mass orientation programme (MOP) of Schoolteachers held at Shillong (6th-11th November, 1989).
- (xx) Dr. R. Bhattacharjee presented a paper (co-authored) on "Maintenance Management System for Educational Aids" at the Regional Conference on Educational Technology conducted by AIAET held at Trivandrum (13th-16th December, 1989).
- (xxi) Dr. R. Bhattacharjee presented the paper "B. Ed. Programme in the North Eastern Hill States: A Review in terms of the new context", at the 3rd Annual Conference of the All India Association for Educational Research held at Chembu Nake, Bombay (31st Dec, 1989 to 1st January, 1990).
- (xxii) Dr. (Ms) Ashikho Henia attended a Seminar Programme held on the 10th session of North East India History Association held in NEHU, Shillong (11th to 15th October, 1989).
- (xxiii) Dr. P. P. Gokulanathan, Dr. (Mrs) K. S. Lyngdoh and Dr. R. Bhattacharjee participated in the deliberations of the North Eastern India Education Society.

#### 7. Visiting Professors / Fellows :

Dr. T. S. Rao, Professor of Education, BHU, visited the Department and held discussions with the members of the staff.

#### 8. Publications :

1. Padma, M. S. and Chakrabarty, P, "Attitude of High School Students towards Computer Education", *Journal of All India Association for Educational Research*, March, 1990.
2. Mathew George, "Nutrition Education and Prevention Health Care", *Journal of Educational Research and Extension*, Vol. 25, No. 1, July 1989 pp. 41 - 50.

#### 9. Study Tour/Field trips of students :

Students and members of the staff of the Department went on a field trip to Union Christian College site on 16th November, 1989.

#### 10. Thrust area of Research :

1. Education in the North-East.
2. Educational Testing and Measurement.
3. Educational Technology.
4. Problems of Education in Tribal Areas.

#### 11. Research Programme/Research Project (Undertaken during the year under review).

Nil.

#### 12. Any other remarks :

1. Dr. Mathew George passed with A grade (78%) Diploma in Distance Education, IGNOU, New Delhi, in 1989.
2. Dr. Mathew George passed certificate course in BASIC, computer language in December, 1989.
3. Dr. P. K. Ganguli participated in the "World Book Affair", held at Delhi in February, 1990.

## DEPARTMENT OF EDUCATION

### Mizoram Campus, Aizawl.

1. **Introduction:** The department is having a two years M. A. Education programme for which, in the beginning of the period under reference there were only two faculty members in the department. This made it necessary to appoint some guest teachers during the 1st and IIIrd semester which continued upto August, 1989. However, during the IInd and IVth semester which started after that the faculty position of the department was eased with the appointment of two Lecturers on adhoc basis and the appointment of former Principal of Mizoram Institute of Education as Visiting Fellow in the department.

2. **Name of the Head of Department/Institution :** Dr. R. S. Wangu

### 3. Faculty Position :

Name	Designation	Specialization
1. Dr. R. S. Wangu	Reader & Head	Ednl. Psychology, Testing & Evaluation, Education of Exceptional Children.
2. Dr. K. P. Nath	Lecturer	Ednl Philosophy, Ednl Thought & Education in the Third World.
3. Mrs. Lalbiakzami Hmar	Lecturer (Adhoc).	..
4. Mrs. Lalbiakdiki Hnamte	Lecturer (Adhoc)	
5. Mr. H. Thanglawra	Visiting Fellow	

### 4. Students intake :

(a) Enrolment capacity : 20 (twenty)

(b) Actual Admission

Programme	Male	Female	SC	ST	Genl.	Total
M.A. Education	8	4	..	12	..	12
Ph. D.	1	1	..	2	..	2

### 5. Courses conducted :

(a) M.A.

(b) Ph. D.

### 6. Workshops Organized and attended :

The department organised a Workshop on Environmental Education for School teachers from 26th-28th September, 1989. The Workshop was sponsored by Centre for Environmental Education, Ahmedabad and Dr. R. S. Wangu, Head of Department (Education) was the Coordinator of the Workshop. The Workshop was attended by 54 teachers deputed by Department of Education, Government of Mizoram and the deliberations were on the theme of "Conservation of Water Resources" The Honourable Education Minister of Mizoram State- Dr. H. Thansanga presided over

the inauguration while the valedictory function was chaired by Pu Lalawia, then President, Mizoram Board of School Education and Director of Higher & Technical Education, Government of Mizoram.

Dr. R. S. Wangu sent the paper on "Women in Mizo Society" for the two-day consultations on "Women's Development in Eight Plan" held in Guwahati on 21st and 22nd September, 1989. The consultation was organised by Society for Participatory Research in Asia, New Delhi.

**7. Visiting Fellow:**

Shri H. Thanglawra, formerly Principal of Mizoram Institute of Education has joined the department on NEHU Visiting Fellow from 28th November, 1989. He has been helping in the various academic activities of the department.

8. Publications — Nil.

9. Study Tour — Nil.

**10. Thrust area of Research :**

The department is continuing with research in the area of Primary Education and Development of Continuing Education. However, new research projects have been finalised in the fields of Work Experience, Vocationalization of Education and Education for the Disabled.

**11. Research Programme :**

The department has undertaken an evaluation study on Programme of Massive Orientation of School Teachers (PMOST). This programme has been in progress in different centres in Mizoram since 1986 under the aegis of National Council of Educational Research and Training. The programme of research under this project is in progress under the supervision of Dr. R. S. Wangu. Two (2) Project Fellows have been appointed for this purpose who have finished data collection and are compiling research report.

12. Any other remarks — Nil.

## **DEPARTMENT OF EDUCATION**

**Nagaland Campus : Kohima.**

1. Name of the Department : Department of Education.

2. Introduction The Department of Education, NEHU, Nagaland Campus was established on Sept. 7, 1978 at Kohima under the School of Education, NEHU, Shillong. Since then, the Deptt. is having the M. A. (Education) and Ph. D. (Education) courses at the Department. The Department wishes to start M. Phil (Education) course also because of the fact that many of the old students of the department wish to do M. Phil at Nagaland Campus.

3. Name of the Head of the Department : Dr. S. K. Gupta.

## 4. Faculty position in order of seniority:

Name	Designation	Specialisation
1. Dr. K. K. Sharma	Professor	(i) Phil. of Education (ii) Teacher Education (iii) Educational Thought (iv) Curriculum Development.
2. Dr. S. K. Gupta	Reader & Head	(i) Educational Testing (ii) Educational statistics (iii) Educational Technology (iv) Science Education.
3. Dr. P. K. Gupta	Reader	(i) Educational Psychology (ii) Experimental Education (iii) Economics of Education (iv) Educational Technology.
4. Dr. R. P. Shukla	Lecturer	(i) Educational Technology (ii) Teacher Education (iii) Curriculum Development (iv) Science Education.
5. Mr. Imtisingba	Lecturer	(i) Teacher Education (ii) Educational Planning (iii) Educational and Vocational Guidance. (iv) Educational Psychology

## 5. Students Intake :

(a) Enrolment capacity	— 20
(b) Actual Admission Total	— 9

M. A. (Edu.)	SC	ST	General	Male	Female
	—	6	—	1	3
Ph. D.	—	3	—	2	1

## 6. Courses conducted

- (i) M. A. (Education)  
(ii) Ph. D. (Education)

The following candidates have been registered for Ph. D. (Education) in December, 1989.

- (ii) Mr. Imtisingba A.o. *Topic of Study* : Construction and standardisation of of a Non-verbal Group Intelligence Test for the age group 13 to 17 in Nagaland.
- (ii) Mr. L. Temjenkaba *Topic of Study* : Development of Education in Nagaland since Independence.

7. (a) Seminars/Conferences/Symposia/Extension Programmes attended by the faculty members.

**Dr. K. K. Sharma**

1. Dr. Sharma attended the following seminars/Extension Programmes.

- (i) State level conference-cum-General body meeting of Nagaland, Homoeopathic Association on 9th December, 1989. A paper was read.
  - (ii) Participated in workshop-cum-seminar on 'Education Journalism at Panisagar' (Tripura) from 22nd to 24th February, 1990 and presented a paper.
  - (iii) Attended Three-Day Programme on Teacher Education-Retrospect and Prospect" at the Department of Education BHU, Varanasi on 15th March, 1990 and presented a paper.
  - (iv) Attended the Inaugural Day of NEHRU Club at NEHU Nagaland Campus, Kohima on 14th November, 1989 and presented a paper.
2. Dr. S. K. GUPTA, Reader attended a week course programme on Video Script Writing and production of Films for video at Indian Institute of Technology, New Delhi in December, 1989. The programme was sponsored by Indian Society for Technical Education, New Delhi. He jointly prepared a short duration film for school children on the theme "Solar Energy & its Applications".
3. Dr. R. P. SHUKLA, Lecturer attended 2nd Asian conference on Teacher Education for the year 2000 AD at RCE, Bhopal from 27th to 29th November, 1989. He also presented a paper at the conference. He also attended a seminar organized by NEHRU CLUB, NEHU, held in November, 1989 and presented a paper.
4. Mr. IMTISUNGBA AO, Lecturer attended a seminar sponsored by Village citizens at Mongchem village, Mokokchung District held on 9th and 11th October, 1989. He presented a paper on the topic "Progress of Village Education in comparison with the Development of Education in Nagaland".
5. Seminars/Conference/Symposia/Extension Programme organized :

- (i) Celebration of the Foundation Day of the Department of Education-cum-International Literacy Day.

The Department of Education, NEHU, Nagaland Campus, celebrated its foundation day along with International Day with effect from 7th September, 1989 to 9th September, 1989.

The highlights of the programme are mentioned below :-

- (i) Flower Arrangement competition show was organised on 7th September, 1989, the foundation day of the department.
- (ii) The International Literacy Day was celebrated on 8th Sept., 1989. On this occasion, an exhibition on literacy was also organized. Besides there was a group discussion on the 'Document of National Literacy Mission'.
- (iii) A debate on the topic "Is modernisation in conflict with the traditional value in Naga Society" was organized at the Department of Education on 9th September, 1989.
- (iv) A cultural show was also organized in the evening of the 9th September, 1989.

8. Visiting professors/fellows : Nil.

9. Publications :

(a) Dr. S. K. Gupta, Reader and Head :

- (i) Gupta, S. K. Teaching Physical Sciences in Secondary Schools, sterling publisher, New Delhi (Reprint 1989).
- (ii) Gupta S. K. Exploring Mental Abilities for Science Talent. Mittal Publications, New Delhi. (1989).

(b) Dr. K. K. Sharma, Professor

Sharma, K. K. Malla, N. and Sharma, R. K. "All India Summer Institute in Indian Philosophy of Education" Report monograph III, Department of Education, NEHUN, agaland Campus, Kohima, 1989.

(c) Dr. P. K. Gupta, Reader :

- (i) Gupta, P. K. Role of Commonwealth Council of Educational Administration with special reference to North-East India Education in Asia. Vol- IV. January - March, 1989. Asian Academy of Education and Culture, Bhopal.
- (ii) Gupta, P. K. Teacher as changing Agent. Education in Asia. Vol-IX, July/August/September, 1989, No. 3 Asian Academy of Education and Culture, Bhopal.

(d) Dr. R. P. Shukla, Lecturer :

- (i) Shukla, R. P., Interaction Analysis and Microteaching. Teacher Today. July/September, 1989, Bikaner.
- (ii) Shukla, R. P. Identification Educationally Handicapped Children and Non Instructional Responsibilities Teacher : Concept Analysis and Suggestion. Indian Journal of Disability and Rehabilitation Vol. 3. No. 2. 1989. Ministry of Welfare Govt. of India.
- (iii) Shukla R. P. Nehru and Nagaland Souvenir, Nehru Institute of Youth Affairs, Bhubaneshwar.

10. Study Tours/Field trips of students :

The Department of Education NEHU Nagaland Campus organized an Education trip to Kaziranga and Guwahati with effect from 5th July to 8th July, 1989 for the students of Ist and IInd semester. Two faculty members Dr. P. K. Gupta, Reader and Mr. Imtisingba Ao, Lecturer in the Department accompanied the students.

It was a good opportunity for many of the Naga students to visit outside places and gain first hand experience. They visited to Zoo, Museum and other places.

Dr. P. K. Gupta, Reader in Education was the In-Charge of the educational trip.

11. Thrust Areas of Research :

The following are the thrust areas of research in the Department of Education.

- (i) Educational Testing
- (ii) Teacher Education
- (iii) Educational Technology
- (iv) Science Education.

**12. Research Programme/Research Report (undertaken during the year under review).**

The Department of Education has taken a research study on 'Evaluation of Programme for Mass Orientation of School Teachers in Nagaland' sponsored by NCERT, New Delhi in September/October, 1989. The research study is being conducted by a Project Team with Dr. S.K. Gupta, Head, Department of Education as Chief Investigator. The research study is near to its completion.

**13. Any other remarks :**

(Further requirements)

As the Department of Education has proposed to start M. Phil (Education) at the Nagaland Campus, and three research scholars have been registered for Ph.D. (Education). A number of research scholars are likely to submit their proposals for Ph. D. registration, the Department requires the following teaching faculty:

Professor	—	1
Reader	—	1
Lecturer	—	1
Total	—	3

**ECONOMICS DEPARTMENT (AIZAWL)**

1. **Introduction** The Department of Economics was established and started functioning in October 1979 with only a couple of teachers. Now there are 5 teachers. One visiting Professor also joined the Department and he remained in the Department for a period of 3 years from 1983 to 1986. The Department offers M. A. Economics Programme with stress on development economics and tries to develop awareness among students about the problems of the region and how to formulate strategies and policies for solving them.

2. **Name of the Head of the Department** Dr. A. K. Agarwal

3. **Faculty Positions:** Under the heading of :-

Name	Designation	Specialisation
a) Dr. K. K. Upadhyaya	Professor	Public Economics and Development Planning.

- |    |                      |          |  |
|----|----------------------|----------|--|
| b) | Dr. A. K. Agarwal    | Reader   | Public Economics and Regional Economics. |
| c) | Sri. Lianzela        | Lecturer | Economic Development and History.        |
| d) | Sri. S. K. Ghosh     | Lecturer | Quantitative Economics and Techniques.   |
| e) | Sri. Thangchungnunga | Lecturer | Quantitative Economics and Development.  |

4. Students Intake :

a) Enrolment capacity : 20

b) Actual Admission :	ST	Male	Female	Total
M. A. Economics I Sem.	2	1	1	2
M. A. Economics III Sem.	1	1	-	1

5. Courses conducted : M. A.

6. Visiting Professor/Fellows : NIL.

7. Publications :

Professor K. K. Upadhyaya :

1. Semi-Primitive Economy of an Indian Village, Delhi : Mittal Publications 1989 (Co-authored with Department Project.)
2. Input Output Table for Mizoram, 1987-88, Indian Journal of Regional Science, July 1989.
3. "Perspective Planning Explicitly for Education of North-East India, 1990-2000" Theme paper given to National Workshop on Problems and Priorities of Research in Economics of Education with Special Reference to the Development Planning in India sponsored by National Institute of Education.
4. Planning and Administration, New Delhi, 21-22 July 1989 "Public Economics of Islamic Egalitarianism" presented to International Conference on Islamic Economics and the Economy of Indian Muslims sponsored by Institute of Objective Studies, New Delhi. 21-24 July 1989 and published in Journal of Objective Studies, New Delhi, July-October 1989.
5. "The Base of Poverty and Production Structure in two Villages of Mizoram" given to National Seminar on Data Base Issues for Poverty Studies organized by the Indian Econometric Society and sponsored by Advisory Group on Poverty Studies, Ministry of Finance, Government of India held at Sardar Patel Institute of Economics and Social Research, Ahmedabad, 16-17 November 1989.
6. Size-Productivity Relation and Capitalist Development in Agriculture with Theoretical Underpinnings, The Indian Journal of Economics, April, 1989.

Dr. A. K. Agarwal :

1. Dynamics of Rural Development of Mizoram, Indian Journal of Regional Science, Vol. xxi. No. 1, 1989.

2. "Centre-State Financial Devolution : Revision Required" in V.S Mahajan (ed) Studies in Indian Banking and Finance, New Delhi : Deep and Deep Publications, 1989.
3. Rural Development in India : A Mixed Approach, Khadi Gramodyog, Vol. XXXV, No. II August, 1989.
4. Energy for Economic Development, Yojana, Vol. 33, No. 17. September 16-30, 1989.
5. Development of Mizoram Economy : An Assessment Southern Economist, Vol. 28, No. 12, October 15, 1989.
6. Energy for Economic Development in Arunachal Pradesh, Twenty Third Conference of Regional Science Association, M. L. Sukhadia University, Udaipur, Rajasthan, 23-25, March, 1990.

## DEPARTMENT OF ECONOMICS

### Shillong

#### 1. Introduction :

The department of Economics, in the School of Social Sciences, was established in the year 1974.

The main objectives of the Deptt. have throughout been to train students and researchers to relate the theories learnt to institutional and historical conditions of the society and to the current problems of the region as well as of the country as a whole. The courses of study and research in the deptt. are so designed to meet these objectives.

Since 1980, the deptt. has been giving greater importance to the study of the economy of the N. E. Region and in this regard majority of the M. Phil and Ph. D. Students are working on problems relating to the North Eastern Region. The M. A. students are assigned empirical work/field study under a supervisor to bring out a dissertation which carries 60 marks out of 80 (20 marks left for sessional tests).

The courses of study in the deptt. are periodically updated to take into account the latest development in the profession and to maintain national and international standard as to make our students capable of competing with the products of other reputed Universities. To that end, adequate emphasis is given on quantitative techniques. Our compulsory courses include ones in Mathematical Economics, Theoretical and economic statistics. Besides optional courses on various fields the deptt. also offers courses on operational Research, Econometrics, etc. as specialized optional courses.

Apart from its normal programmes for the Masters' and Research Degrees, since 1985, the Deptt. has been conducting a two-se nester certificate and diploma courses on Computer Programming Analysis from 4.00 to 6. p.m.

2. Name of the Head of Deptt. : Prof Khageswar Bez.

3. Faculty Position Under the heading of

Name	Designation	Specialization
Dr. Shri Prakash (On leave)	Professor	i) Mathematic, Economics. ii) Micro-Economics.
Dr. S. N. Guhathakurta	Professor	i) Monetary Economics ii) International Economics.
Dr. K. Bez	Professor & Head	i) Quantitative Economics. ii) Economics. iii) Statistics.
Dr. S. K. Mishra	Reader	i) Quantitative Economics. ii) Planning. iii) Operational Research.
Dr. N. Srivastava (On leave)	Reader	i) Development Economics ii) Quantative Economics. iii) Planning.
Dr. T. Lawma	Lecturer	i) Econ. of N. E. Region. ii) Manpower Planning. iii) Agri. & Rural Development.
Mr. E. D. Thomas	Lecturer	i) Macroeconomics ii) International Economics.
Dr. P. Passah	Lecturer	i) Dev. Econ. ii) Econ. History of UK, USA, Japan & USSR. iii) Economy of N. E. Region
Mr. B. Mishra	Lecturer	i) Public Econs. ii) Agri. & Rural Development.
Mr. A. C. Dube	Lecturer	i) Econometrics. ii) Operational Research. iii) Public Econs. iv) Urban Economics.

4. Students intake :

a) Entolment cepacity

M. A. — 50  
M. Phil — 20  
Ph. D. — 20

b) Actual Admission	
M. A. - 23 Students	
SC/ST	8
General	15
Male	11
Female	12
M. Phil - 21	
SC/ST	8
General	13
Male	16
Female	15
Ph. D.	
SC/ST	4
General	6
Male	6
Female	4

5. Courses conducted (Titles only) :

M. A./M. Sc.

Macroeconomics-I : Classical Political Economy, Statistics, Mathematics for Economists, Macroeconomics - II Microeconomics I, Economic Statistics ; Economics of Development ; Economics of the North-Eastern Region (Students have to do only sessional test of 20 % and a Term Paper of 60% marks) ; Techniques of Models and Planning-I Microeconomics-II ; two optional papers (from the list of optional papers given below) Public Economics, Techniques and Models of Planning-II Two optional papers (from the list of optional papers given below) :

**List of Optional Papers :**

- 1) Transport Economics -I    2) Transport Economics -II    3) Econometrics    4) Economics History -I ;
- 5) Economics History -II ; 6) Applied Econometrics ; 7) Operational Research ; 8) International Economics -I ; 9) International Economics II 10) Industrial Economics -I ; 11) Industrial Economics -II ; 12) Economics of Agriculture ; 13) Manpower planning ; 14) Mathematical Economics-I ;
- 15) Mathematical Economics - II.

M. Phil.

1. Advanced Economics Theory or Institutional Economics ; 2. Quantitative Techniques and Scientific Methods.

Besides these courses from within the Deptt. the M. Phil scholars will have to take two courses from outside the deptt. with the school. The course on "Philosophy of Social Sciences" is a compulsory course ; while the other course is optional which could be opted by the scholars from among the courses offered by the deptt. within the school.

M. Phil (Special)

This programme is being offered only to college teachers of NEHU. The courses offered in this programme are :—

1. Advance Economic Theory Or Institutional Economics ; 2. Scientific Methods and Quantitative Techniques.

Besides these the scholars have to do Book Review (on two books, which will be allotted by the teacher-in-charge) and Teaching practice and, of course, the Dissertation as applicable to other M. Phil Scholars.

6. **Seminars/Conference/Symposium/Extension Programmes organised during the year :**  
Nil.

7. **Visiting Professor/Fellow :** None.

8. **Publications :**

1. Guhathakurta S. N. "Agriculture in the Hill States of North-Eastern Region A Note on Some Growth Constraints", in Sengupta, Sunil and Mukhopadhyaya, Dilip (ed) *Alternative Tribal Development Prospective*, Centre for Studies in Economic Appraisal, Calcutta (1989).
2. Guhathakurta, S. N. "Unemployment and poverty : Some Tentative Hypothesis. in Saikia P. D. and Paukan, U. (ed) *Rural Development in North-East-India*, B. R. Publishing Concern, Delhi (1989).
3. Mishra, S. K. "Structure and Development of Economics, in Binwal J. C. et al. (ed) *Social Science Information : problems and prospects*, Vikash Publishers, New Delhi (1990).
4. Bez. K. *quantitative Economics in Economics*. Kalyani Publishers, New Delhi (1990).
5. Lawma, T. *Market Imperfections and Manpower Planning*, Commonwealth Publishers, New Delhi (1990).

9. **Study Tour/Field Trips of students :**

No study tour /Field trip was undertaken during the year under report.

10. **Thrust Area of Research :**

The following are the thrust areas of research of the Department.

Operational Research : Econometrics ; Economics of Health ; Economics Education and Manpower ; Economics of Agriculture, Economics of the North-Eastern Region Economics of Rural Development ; Economics of Energy and Transport ; Quantative Economics ; Industrial Economics ; Economics of Money and Credit ; Public Economics ; Regional Planning ; Urban Economics.

11. **Research Programme/Research Project (Undertaken during the Year under review).**

**Research Project undertaken by Prof. K. Bez.**

1. Demand and supply of Rural Energy, sponsored by Directorate of Meghalaya Non-Conventional and Rural Energy Development.
2. Regional Editor for India and Nepal of 'Man - Environment' New York.

**Research Project undertaken by Dr. S. K. Mishra.**

1. Socio-Economic Profile of Population in Myliam Block. East Khasi Hills, Meghalaya (UNFPA-UGC) (Completed in June 1989)
2. A Survey of Physica Handicapped Persons in Hundred Villages of Meghalaya (Directorate of Social Welfare, Govt. of Meghalaya) Completed in March, 1990.

Research Project undertaken jointly by Prof. Shri Prakash, Prof. K Bez, D. Lawma, Mr. E. D. Thomas and Dr. N. P. Goel.

1. Prospective Land Used Policy for North-East India-2000 A.D." Sponsored by the Ministry of Agriculture and Rural Development Govt. of India.

12. Any other remarks :

The Fraternity Club initiated by the deptt. of Economics is an organisation of the deptt. The club organised a week-long programme in May 1989 in which students from different departments of the University participated in various co-curricular as well as extra-curricular activities with financial grant from the University. Dr. T. Lawma, Mr. E. D. Thomas and Mr. A. C. Dube are the staff Advisers of the Fraternity Club. Through it different activities not only were the student's intellectual capacities further enriched but they could also inculcate discipline among themselves.

## DEPARTMENT OF COMMERCE

### Nagaland Campus

#### Introduction :

The Department of Commerce in the University was started in the Nagaland Campus, Kohima in 1981 following the decision taken in the meeting of the Academic Council in the year 1978. At present the Department is offering M. Com. Programme. There are at present 3 teachers, one Reader and two lecturers. The Department has so far produced 57 students out of which 33 belong to scheduled tribes.

Name of the Head of the Department : Dr V. Krishna Kumar.

#### Faculty position :

Name	Designation	Specialisation
Dr. V. Krishna Kumar	Reader	Accounting, Finance & Control, Business Management.
Mr. T. Vihienuo	Lecturer	Business Economics, Indian Financial System, Agricultural Marketing and Public Enterprises.
Mr. N. M. Panda	Lecturer	Statistics, Advanced Financial Accounting, Small Business and Management Accounting.

#### Students intake :

- (a) Enrolment capacity : Twenty
- (b) Actual Admission under the heading :-  
(SC/ST/Gen) (Male/Female) : 8

#### Courses conducted :

- Dr. V. Krishna Kumar
1. Principles of Management (C. 101)
  2. Financial Management-I (C. 202)
  3. Financial Management-II (C. 301)
  4. Organisational Behaviour (C. 401)

**Mr. T. Vihienuo**

1. Business Economics (C. 104)
2. Indian Financial System (C. 203)
3. Agricultural Marketing (C. 303)
4. Public Enterprises in India (C. 402)

**Mr. N. M. Panda**

1. Business Statistics (C. 103)
2. Management of Small Business (C. 204)
3. Advanced Financial Accounting (C. 302)
4. Management Accounting (C. 403) (I)
5. Accounting Information System (C. 403)

**Seminar/Conferences/Symposia/Extension programme attended :**

**Dr. V. Krishna Kumar :**

Joint Seminar organised by the Department of Commerce, Guwahati University, Guwahati and the Institute of Chartered Accountants of India, New Delhi, at Guwahati on April 8, 1989.

**Mr. T. Vihienuo :**

1. State level Seminar on EDP, Kohima.
2. Seminar on Nehru and North-East India.

**Mr. N. M. Panda :**

1. State level Seminar on EDP, Kohima.
2. Seminar on Nehru and North-East India.
3. Workshop for Orientation to the Academic Counsellors, IGNOU, shillong.

**Publications :**

**V. Krishna Kumar**

1. The Role of the Accountant in the Changing Organisational and Social contexts. *Research Bulletin*. The Institute of Cost and Works Accountants of India, Volume -VIII Number 1 & 2 January and July 1989. pp. 53-58.
2. *Management Accounting in Emerging perspectives*, (Mittal publications New Delhi 1989).

**N. M. Panda**

Sickness in Small Industries - A National Problem (*Indian Journal of Commerce*, Vol. XLII No.-2, 1989).

**Study Tour/Field trips of students :** Dimapur.

The III semester students were taken to Dimapur Sugar Mills for a Field study. The students were given the specific assignments and asked to pursue those assignments at Dimapur Sugar Mill Factory.

**Thrust Area of Research :** Management of Small Business.

## DEPARTMENT OF SOCIOLOGY

1. The Department of Sociology began instructions at M. A., M. Phil and Ph. D. levels in 1976 on a modest scale. There were then only five faculty members and 25 M.A. and M. Phil students. Since then thirteen batches of MA, about three dozens of M. Phil and half a dozen of Ph. D. students have been awarded degree in Socio-

logy. Keeping in mind Article 4 of the NEHU Act (the socio-cultural developments of the North-Eastern Region) the department decided to emphasise on *Social Change* as its academic thrust, in which most of the researchers are conducted,

2. **Head of the Department**

Prof. A. C. Sinha

3. **Faculty**

Name	Designation	Specialisation
1. A. C. Sinha	Professor	i. Political Sociology. ii. Social Anthropology. iii. Historical Sociology. iv. Sociology of Frontier and small Communities. v. Sociology of Communication and environment.
2. M. N. Karna	Professor	i. Agrarian Social Structure. ii. Sociology of Movement. iii. Economic Sociology. iv. Development of Problems in N.E.
3. C. Nunthara	Reader	i. Political Sociology. ii. Ethnic Relations and Emerging Inequality.
4. V. Xaxa	Reader	i. Plantation Social system. ii. Sociology of Development. iii. Agrarian Social Structure.
5. P. M. Chacko	Reader	i. Industrial Sociology. ii. Sociology of Economic Development.
6. Nikhlesh Kumar	Reader	i. Sociology of Occupation and Profession. ii. Mocial Sociology. iii. Sociology of Organisations. iv. Sociology of Development and Planning.
7. C. L. Imchen	Lecturer	i. Social Change. ii. Social Anthropology.
8. I. Lanu Aier	Lecturer	i. Political Sociology. ii. Sociology of Development. iii. Sociology of Stratification.

4. (a) Enrolment Capacity :

M. A.	30
M. Phil	15
Ph. D.	5

(b) Actual Admission :

	SC/ST	General	Male	Female	
M.A. I	20	9	13	16	29
M.A. II	8	5	5	8	13
M. Phil 90	5	2	4	3	7
M. Phil 89	1	12	6	7	13
Ph. D.	8	3	2	1	<u>3</u>
					65

5. Courses Conducted :

**First Semester :**

1. Soc. 101 — Sociological Theories
2. Soc 102 — Methodology of Social Structure
3. Soc. 103 — Indian Society
4. Soc. 104 — Family and Kinship

**Second Semester :**

1. Soc. 201 — Anthropological Theories
2. Soc. 202 — Religion and Society
3. Soc. 203 — Techniques of Social Research
4. Soc. 204 — Sociology of Urban India.

**Third Semester :**

1. Soc. 301 — Economy and Society
2. Soc. 302 — Polity and Society
3. Soc. OP1 — Ethnic Relations
4. Soc. OP3 — Industrial Sociology
5. Soc. OP10 — Agrarian Social Structure

**Fourth Semester :**

1. Soc. OP1 — Tribal Situation in India
2. Soc. 402 — Social Change in India
3. Soc. OP1 — Tribal Movements in North East India
4. Soc. OP8 — Theories of Social Change and Modernization.

6. Publications :

**Prof. A. C. Sinha**

1. The Indian North East Frontier and the Nepalese Immigrants in '*Himalayan Environment and Culture*' (ed) Rustomji, Nori K at el, Indus Publishing House, New Delhi, 1990.

**Prof. M. N. Karna**

1. **The Agrarian Scene** (North East) '*SEMINAR*, No. 366, February, 1990. pp. 30-38.

2. 'Aspects of Tribal Development in North Eastern India' in Bose, Nongbri, Kumar (ed) : *Tribal Demography and Development in North East India*, Delhi. B. R. Publishing Corporation. pp. 7-24.

**Dr. C. Nunthara :**

1. *Impact of the Introduction of Groupings of Villages in Mizoram*, Omson. Delhi, 1989.
2. "Social Aspects of Tribal Development" in Bose, Nongbri, Kumar (ed) : *Tribal Demography and Development in North East India* Delhi : B. R. Publishing Corporation, 1990. pp. 31-38

**Dr. Virginius Xaxa :**

1. A paper entitled Some Problems in Defining Peasants was published in M. N. Karna (ed) : *Peasant and Peasant Protest in India*, Intellectual Publ. House, Delhi, 1989.
2. A paper entitled 'Tribal Development in the North East : Trends and Perspectives' Published in A. Bose, T. Nongbri and Nikhlesh Kumar (ed) : *Tribal Demography and Tribal Development in the North East*. Delhi : B. R. Publishing Corporation, 1990 pp. 25-30.

**Dr. Nikhlesh Kumar :**

1. *Structure and Development of Sociology* published in Binwal J. C., A S. Chandel, Veena Saraf (eds) *Social Science Information: Problems and Prospects*, New Delhi : Vikas Publications ; 1990, pp. 30-52.
2. Bose A., T. Nongbri, N. Kumar (ed) *Tribal Demography and Development in North-East India*, Delhi : B. R. Publishing Corporation, 1990.
3. "National Health Policy Some Issues" in Bose. A., T. Nongbri, N. Kumar (ed) : *Tribal Demography and Development in North-East India*, Delhi : B. R. publishing Corporation, 1990, pp. 123-130.

**Dr. C. L. Imchen :**

1. A paper entitled "Issues in Tribal Development" published in A. Bose T. Nongbri and Nikhlesh Kumar (ed) *Tribal Demography and Development in North-East India*, Delhi : B. R. Publishing Corporation, 1990.

**9. Seminar, Symposia, Workshop, Projects :**

**Prof. A. C. Sinha :**

1. Was invited to make a presentation on linguistics aspects, on 'India : Communal Conflict and National Unity' May 1, 1989 at Cowell conference Hall, University of California, Santa Cruz. U. S. A.
2. Was invited to give a talk on "Ecology, Ethnicity and Insurgency in Nagaland India on May 24, 1989 at Kerr Hall, Deptt. of Anthropology, U. C. Santa Cruz and East West Centre, Honolulu on June 27, 1989.
3. Was invited to give a talk on "Historical Environment of Tea Cultivation in the Brahmaputra Valley" at the California State University, Hayward, U. S. A. on June 1, 1989.
4. Was invited to deliver a talk on 'Ethnic identity and Nation-building in North Eastern Frontiers of India at the City of New York USA, on June 8, 1989.

**Professor M. N. Karna :**

1. Completed a Research Project of Rs. 3,31,300/- on "Assessment of Drug Abuse, Drug Users and Drug Prevention Services in the cities of Dimapur, Imphal, Guwahati and Shillong" sponsored by the Ministry of Welfare, Government of India, New Delhi.
2. Presented a paper in Seminar on Agrarian Structure and Land Relations in North Eastern Region (March 22-24, 1990) organised by National Institute of Rural Development, North Eastern Regional Centre, Guwahati.

**Dr. Virginius Xaxa :**

1. Prepared Course Material for Indira Gandhi National Open University on two Units.
2. Completed a Report on Migrant Labour in Assam by the National Commission on Migrant Labour Project.

**Dr. Nikhlesh Kumar :**

1. Participated in a Seminar on *Social Movements in Meghalaya* organised by the Department of Political Science, NEHU, at Shillong October, 19-20, 1989.
2. Presented a paper in the Seminar on Social Movements in Meghalaya : *Khasi students Union — A Preliminary Enquiry* (Co-authored with A. K. Nongkynrih).

**Dr. Pariyaram M. Chacko :**

1. "Social Movements : Issues regarding its definition and classification," paper presented at the Seminar on Social Movements in Meghalaya, Deptt. of Political Science, NEHU, Shillong, 1989.

**Dr. C. L. Imchen :**

1. Undertaking a project on 'Motivational Aspects of Recruits in Assam Regimental Training Centre, Shillong. Sponsored by NEHU, 1990.
2. Completed and submitted an evaluation report on the New Church structure, sponsored jointly by NEHU (Kohima) and Ao Baptist Church Council, Nagaland, 1990.

**Dr. I. Lanu Aier :**

1. Submitted evaluation report to the Ao-Baptist Aroga Mengdong (Ao-Baptist Church Conference). The paper titled "Conversion division and missionary movements" as part of the on-going project study jointly sponsored by ABAN and NEHU (Kohima).
  2. Submitted paper for seminar and publication titled "Motivating factor of recruits" Assam Regimental Training Centre, Shillong sponsored by NEHU, Shillong.
8. **Social Change with special reference to :**
1. Emerging social inequality
  2. Political dynamics
  3. Occupational differentiation
  4. Social Movement
  5. Ethnic identity and relations and
  6. Demography, ecology and environment.

## 9. Travel Abroad and Visiting Assignment :

1. Travelled to U. S. A. as a Senior Fulbright Fellow and lectured on sociological themes in about half a dozen universities in U. S. A.
2. Was a visiting faculty in the University of California Santa Cruz in Spring Semester, 1989 and taught a course on 'cultural Ecology of the Eastern Himalayas'.

## DEPARTMENT OF POLITICAL SCIENCE

### 1. Introduction :-

The Department of Political Science was established on 10th September 1974, and started functioning from 19th September, 1974 with 35 students on the roll of M.A. (Previous) Class. The Department started with two teachers only. By 1989-90, the Department had on its roll 75 students both in the M. A. (Previous) and M. A. (Final) year classes with a sanctioned strength of 13 faculty members excluding a Professor of Political Science from the University Pool. The Department started a regular M. Phil programme from the academic years 1979-80 with six regular and four special M. Phil students. During the year 1989-90 there were 14 regular M. Phil students. Apart from M. A. and M. Phil courses, the Department also provides researchers facilities leading to a Ph. D. degree. During 1988-89 three Ph. D. candidates were enrolled. Most of the M. A, M. Phil, Ph. D, students belong to the Scheduled Tribe Communities of the North-Eastern Region.

The Department aims at building an academic community of students, researchers and teachers devoted to a dispassionate open and critical study of Political Science. Its teaching and research programmes seek to promote inter-disciplinary studies, to make courses and studies socially relevant, and to develop in the students and awareness of the basic needs and issues of the country and to equip them intellectually to fulfil these needs.

2. Name of the Head of the Department : Prof. R. L. Walli.

### 3. Faculty Position :

	Name	Designation	Specialisation
1	Prof. B. Pakem	Professor	International Politics & Law, Govt. & Politics in North-East India.
2.	Prof. R. L. Walli	Professor	International Politics.
3.	Prof. H. Rai	Professor	Public Administration, Political Theory/ Modern Political Sociology.
4.	Dr. A. K. Barua	Reader	Political Theory.
5.	Dr. Mrs. R. Borgohain	Reader	Indian Govt. & Politics Modern Political Analysis.
6.	Dr. S. J. George	Reader	Foreign Policy Studies International Politics.
7.	Dr. L. S. Gassah	Reader	Govt. & Politics in North-East India International Organisation.
8.	Mrs. E. L. Warjri	Lecturer	Govt. & Politics in North-East India.

4. **Students Intake :**

(a) Enrolment Capacity : 40 students each for M. A. (Previous) and M. A. (Final).  
10 for M. Phil, Ph. D. according to the availability  
of Supervisors.

(b) Actual Admission :

	SC	ST	Genl.	Male	Female	Total
M. A. (Previous)	3	20	17	30	10	40
M. Phil.	1	14	1	11	5	16
Ph. D.	-	3	-	3	-	3

5. **Courses Conducted (Titles only) :-**

M. A. (Previous) : **First Semester :**

Political Theory :- The Classical Tradition Theory & Concept  
in Public Administration Government & Politics in India  
Theory of International Politics.

**Second Semester :**

Political Theory :- The Liberal Democratic Theory & Con-  
servatism, Issues in Public Administrations Socio-Economic  
basis of the Indian Political system Problems of International  
Politics.

M. A. (Final)

**Third Semester :**

**Compulsory :**

Political Theory :- Contemporary Marxist Theory, Modern  
Political Analysis.

**Optional : (Any two)**

International Law  
Traditional Govt. & Politics of the Hill Areas of North-East  
India.  
Issues in Indian Administration/Research Methodology.

**Fourth Semester :**

**Compulsory :**

Contemporary Political Theory, Major Issues, Comparative  
Politics.

**Optional : (Any two)**

International Organisation. Govt. & Politics of the Hill  
Areas of North-East India.  
Modern Indian Political Ideas. Foreign Policy Studies.  
Political Sociology.  
Disertation in lieu of one course.

M. Phil.

Contemporary Political Theory. Research Methodology.

6. **Seminars' Conference organised and attended:-**

(a) The Department organised a Regional seminar on "Social Movements in Megha-  
laya" in 1989. It was attended by the participants.

(b) Seminars/Conferences attended :-

- Dr. B. Pakem (a) Seminar on "Jawaharlal Nehru". New Delhi, 1989.
- Dr. R. L. Walli Seminar on "Kashmir prospect & Re-trospect", Jammu, January 1990.
- Dr. H. Rai (a) Seminar on "Jawaharlal Nehru and the Disadvantaged" Shillong, September, 1989.
- (b) Attended a Round Table on "Parliamentary Elections 1989" organised by the Department of Political Science, Patna University in November 1989.
- (c) State Government sponsored Seminar on "Tribal Administration in Bihar : Constraints and Inadequacies" organised by Centre for Regional Studies-Bhagalpur University in January 1990.
- (d) Seminar on "Nationalism, Socialism and Democracy" Kashi Vidyapith, Varanasi March 1990.
- Dr. A. K. Barua (a) North East India History Conference in Shillong, 1989.
- (b) Social Scientists Meet 1989 at Gauhati.
- (c) Directed Seminar on Social Movement, NEHU, Shillong.
- Dr. Mrs. R. Borgohain (a) Regional Seminar "Social Movement in Meghalaya." sponsored by the Department of Political Science, NEHU, Shillong.
- Dr. S. J. George (a) Presented Lead Paper on "Theoretical Aspects of International conflict formation Resolution and the Gandhian Alternative of International conflict Resolution at the XII seminar of Indian Society of Mahatma Gandhian University, Kattayam, Kerala in October, 1989.
- Dr. L. S. Gassah (a) Seminar on "Structures of Socio-Economic Underdevelopment and Exploitation in North-East India" Shillong.
- (b) North-East India History Association Decennial Session, Shillong.
- (c) Seminar on Social Movements in Meghalaya, Department of Political Science, NEHU, Shillong.
- (d) "Jawaharlal Nehru and the Disadvantaged" (Birth Centenary Tribute), NEICSSR, Shillong and Department of Parliamentary Affairs Govt. of Meghalaya, November 1989.
- (e) Seminar on Status of Region in Tribal Areas of North East India, Shillong.
- (f) Workshop for Research guides in American Studies, Shillong.
- Mrs. E. Warjri (a) Seminar on "Jawaharlal Nehru and the Disadvantaged". Shillong.
- (b) North-East India History Association Conference, Shillong.

(c) Seminar on "Social Movement in Meghalaya", Shillong.

7. **Visiting Professor and**

**Fellows :** Professor (Mrs) Mody, 27th September, 1989.

8. **Thrust Area of Research :**

- (a) M. Phil. — Govt. & Politics of North-East India.  
(b) Ph. D. — Govt. & Politics of North-East India.

9. **Research Programme/Research Projects :**

Apart from attending to the supervisory duty towards the M. Phil/Ph. D. students attached to them, the faculty members of this Department have been involved in their individual projects.

**DEPARTMENT OF HISTORY,  
Shillong**

1. **Name of the Department :** Department of History.  
2. **Introduction.** During the year review the Department had much activity in teaching and research and organised two seminars. The student intake increased in the P. G. Programme and the numbers in the M. Phil and Ph. D. continued to remain stable.  
3. **Head of Department :** Prof. J. P. Singh upto 24 October 1989.  
Prof. Imdad Hussain since 24 October, 1989.  
4. **Faculty Position :**

Name	Designation	Specialisation
1. Dr. J. B. Bhattacharjee	Professor	Modern India.
2. Dr. J. P. Singh	,,	Ancient India.
3. Dr. Imdad Hussain	,,	Modern North East India Military history/history of frontier areas and Neighbouring countries.
4. Dr. H. Giri	Reader	Modern North East India.
5. Dr. M. S. Sangma	,,	Modern North East India.
6. Dr. G. Sengupta	,,	Ancient India.
7. Dr. D. R. Syiemlieh	,,	Modern North East/Modern India.
8. Dr. M. Momin	,,	Ancient North East/Ancient India.
9. Mr. K. Nakro	Lecturer (on Extra Ordinary leave)	Archaeology
10. Dr. M. Sharma	Lecturer	Modern India.
11. Mr. V. Rengsi	,,	North East

12. Mr. S. Basu (E.O.L. Since 5.1.90) Medieval India.

13. Miss. C. Mawlong Lecturer Pre-history.

14. Dr. V. R. Rao Professor Emeritus North East India.

15. Dr. O. P. Kejariwal Visiting Fellow Historiography.

4. Student Intake :

(a) Enrollment Capacity M. A. 55  
M.Phil. 15  
Ph. D. ..

(b) Actual Admission :

M.A.	(1989)	M. Phil.	(1989)	Ph. D.	(1989)
SC/	42	SC/	13	SC/	4
ST		ST		ST	
Genl	8	Genl.	2	Genl.	Nil.
Male	26	Male	8	Male	3
Female	24	Female	7	Female	1

6. Courses Conducted :

a) M. A

- 101 — Historiography
- 102 — Prehistoric and Protohistoric Societies
- 103 — Ancient Societies
- 104 — pre-Industrial Societies and Social institutions
- 105 — Capital and Colonialism 16th - 19th Centuries
- 106 — Imperialism and Nationalism in the First Half of the 20th Century.
- 107 — Evolution of Modern Indian Society (1858 - 1947).
- 108 — Political and Socio-economic Development in North East India.
- 201 — Ancient Indian Social and Economic History.
- 202 — Political Theory and Institutions in Ancient India.
- 204 — Introduction to Archaeology
- 209 — Neolithic and Megalithic Cultures in North East India.
- 211 — The Gupta
- 401 — British Expansion in India.
- 402 - British Imperialism in India
- 403 - Indian Nationalism
- 404 — Economic History of Modern India.

- 405 — Peasant Movements in Modern India.
- 407 — History of Ideas in Modern India.
- 501 - British Policy in North East India
- 502 - Political Development in North East India.
- 503 — Govt. and Politics in North East India.
- 504 — Economic History of North East India.
- 510 — Christianity in North East India.
- 601 — The Rise of Modern Japan
- 602 — Tibet and the Himalayan Kingdoms
- 603 — Social History of Europe
- 608 — Modern Bhutan and Sikkim

B) M. Phill

Historical Method

Historical Thought

C.) Ph. D.

7. Seminars/Conferences/Symposia/Extension Programmes organised and attended.

The Indian Council of Historical Research in collaboration with the History Department of NEHU organised a Workshop on National Movement in India from 17th to 31 August, 1989, for the college teachers of the seven states of North East India. The Workshop was intended to familiarise the participants with the new concepts of historical writing on the National Movement and to introduce them to undergraduate courses. This workshop was attended by 34 college teachers.

The Decennial Session of the North East India History Association was held at the Campus at Umshing-Mawkynroh from 12-14 October 1989. 186 registered delegates besides teachers and students of the University attended the session. The Vice-Chancellor Professor Iqbal Narain gave a welcome address on the Inaugural function. Prof. J. B. Bhattacharjee, Dean School of Social Sciences NEHU and General Secretary NEIHA gave an account of the growth and achievements of the Association. Mr. P. G. Marbanlang Speaker, Meghalaya Legislative Assembly and Mr. P.A. Sangma, Chief Minister Meghalaya spoke on the occasion. Professor H. K. Barpujari released a commemorative Souvenir entitled *NEIHA DECENNIAL* published by the Organising Committee - largely faculty member of the Department. In all the three day's sessions 72 research were presented. Two of the faculty members were elected as office bearers for 1989-1990-1992 - Prof J. B. Bhattacharjee-General, Secretary and Dr. D. R. Syiemlieh, Treasurer. The office of the Association continues to remain in the Department of History, NEHU.

All the faculty members participated in the Tenth Session of the North East India History Association held in NEHU between 12-14 October. The papers they read at the session will be published and reported in next years annual report. Prof. J. B. Bhattacharjee attended the World Conference on World War II at New York in June 1989. The conference was organised to commemorate 50 years of the War. 38 countries were represented. Prof. J. B. Bhattacharjee was the lone participant from India like the other representations who represented other Asian and African countries. He presented a paper "World War II and Indian National Movement" and chaired the panel "War and Ideology". Prof. Bhattacharjee also presided over the Modern India Session of the Golden Jubilee Session of the Indian History Congress held at Gorakhpur University in December 1987. The theme of the Presidential address was World War II *and India: A Fifty Years Perspective*. Dr. G. Sengupta presented a paper entitled, "Situating Unakoti" in the Inter Uni-

versity Seminar on 'Eastern Indian Monuments' organised by the Department of Ancient Indian History and Culture, Calcutta University between February 7-9, 1990. He also presented a paper titled Folklore & Archaeology in the Seminar on *Inter-Disciplinary Approaches to Folklore*, organised by the CLCS, NEHU in December, 1989.

8. **Visiting Professors/Fellows** :— Prof. A. K. Narain, Professor Emeritus, University of Wisconsin gave three lectures between 30 March 2 April 1990. The lectures were on 'Ganesa. The Idea and the Icon', 'Saka - Yavanama Aspect of Greeks and Sythians, in "South Asia" and 'Indian Studies in the U. S. A.

9. **Publications** :

Prof. J. B. Bhattacharjee (1) 'Some Documents on the Economic situation in Tripura 1929-1736', *Proceedings of the NEIHA*, Ninth Session, Guwahati, 1989, pp 504-512.

(2) 'Sequence of Development in the Barak Valley'. in J. B. Bhattacharjee (ed;) *Sequence of Development in North East India*, Omson Publications, N. Delhi, 1989.

(3) 'Land and land Relations Among the Dimasas of North Cachar', in T. S. Banerjee (ed), *Changing Lang systems in Tribal India*, N. Prakash', Calcutta, 1989.

(4) *World War II and India : A Fifty Years Perspective*, Presidential Address, Modern India Section, Indian History Congress, Gorakhpur University, December 1990.

(5) 'A State Protected by its people', *The Custodian*, Shillong 1989.

Prof. J. P. Singh. (1) On the Date of Some 18th Century Asamiya Works, *Proceedings of the NEIHA*, Ninth Session, Guwahati, 1989, pp. 78-83.

Prof. Imdad Hussain (1) 'Aftermath of Mutiny : Army Reform and the North East Frontier (1861 - 66)', *Proceedings of the NEIHA* Ninth Sessions, Guwahati, 1989, pp. 181-200.

Dr. M. S. Sangma (1) 'Sir Robert Neil Reid, 1883 - 1964', *Proceedings of the NEIHA* Ninth Session, Guwahati, 1989 pp. 216-226.

G. Sengupta (1) 'Brahmaputra Valley Sculpture : The Formation Period', in Amita Ray (ed) *Historical Archaeology of India*, N. Delhi, 1990, 281-299.

(2) 'Egigraphy & Art-History : On Some Inscribed Sculptures of Eastern India, *Journal of The Empigraphical Society of India*, Vol XVI. 1990, pp. 112 - 118.

(3) 'Deulvadi Sarvani : A Reconsideration', in D. Nanda (ed) *R. C. Agarwal Fel. Volume* New Delhi, 1989, 269-275.

(4) 'An Almost Forgotten Work on Assam', *Proceedings of the NEIHA* 9th Session Guwahati, 1989, pp. 65 - 77.

(5) 'New Evidence on Early Bengal Sculpture', in Debala Mitra (ed), *Studies In Art & Archaeology of Bengal Bihar New Delhi*, 1989, pp. 233 - 237.

D. R. Syiemlieh (1) *British Administration in Meghalaya : Policy and Pattern*, Heritage Publishers, N. Delhi, 1989.

(2) 'Two Perceptions of U Tirot Sing' *Proceedings of the NEIHA*, Ninth Session, Guwahati. 1989, pp. 262 - 273.

(3) 'Education, Elite and Politicization in the Khasi Jaintia Hills', in Ashish Bose *et al.* (ed), N. Delhi, 1990. pp. 177 - 185.

M. Sharma (1) *Social and Economic Change in Assam, Middle Class Hegemony (1860 - 1910)*, Ajanta International, New Delhi, 1990.

(2) 'The Assam Middle Class and Integration : The Role of the Assam Sahitya Sabha', *Proceedings of the NEIHA*, Ninth Session, Guwahati, 1989, pp. 430 - 437.

O. P. Kejariwal. (1) 'The Dream That Came True', *Proceedings of the NEIHA*, Ninth Session, Guwahati, 1988, pp. 395 - 402.

10. **Study Tour/Field Trips of Students.**

30 students accompanied by Mr. V. R. Rengsi went on a study tour to places of historical and archaeological interest in January - February 1990. Some of the places covered by the tour were Ajanta, Ellora, Hampi, Halabid, Sravanabelagola, Mysore. The Post Graduate Students went on a field trip to Nartiang in the Jaintia Hills on 30 October 1990 to study the Megalithic monuments there. They were accompanied by Dr. G. Sengputa and Miss C. Mawlong.

11. **Thrust areas of Research : Regional History : North East India.**

12. **Research Programme/Research Projects**

All the teachers are actively engaged in their respective fields of research. Prof. J. P. Singh continues with his study of the coinage of North-East India. Prof. J. B. Bhattacharjee is developing his study of Social Formations in Pre-Colonial North-East India. Prof. I. Hussain is putting his research findings together after his visit to archives and Libraries in the U. K. in preparation for publication. Dr. (Mrs) H. Giri is working on a new project- The Changing Status and Role of Khasi Women. Dr. M. Sangma continues his interest on Christianity in N. E. India. Dr. G. Sengputa has an Indian Council of Historical Research Project on Early Monuments of North East India : A Study in Historical and Stylistic Contexts. Dr. D. R. Sylemlich completed his study on the Catholic Church in Nagaland and had it sent for publication. Dr. M. Momin is working on developing his Ph. D. thesis for publication. Mrs. M. Sharma's new project Freedom Struggle in Assam : Middle Class Hegemony (1910 - 1947) is intended to be the second volume of her book 'Social and Economic Change in Assam'. Mr. S. Basu, Mr. V. Rengsi and Miss. C. Mawlong are working towards their Ph. D.

13. **Any other remarks : Nil.**

## DEPARTMENT OF ANTHROPOLOGY

1. **Introduction**

The Department was started in 1981. Over the years attempt has been made to develop the department with the available resources, giving increased attention to research work as well as teaching comprising two major branches of the subject, viz., Cultural Anthropology and Physical Anthropology. "Development" is the thrust area identified for the Department, and this has been the guiding factor in developing the orientation and context of programmes for instruction as well as research.

2. **Head of the Department**
1. Prof. P. K. Misra (upto September 1989).
  2. Prof. A. P. Sinha (October 1989 onwards).
3. **Faculty Position :**
1. Dr. P. K. Misra (Professor)
  2. Dr. A. P. Sinha (Professor)
  3. Dr. A. K. Ghosh (Reader)
  4. Dr. R. K. Pathak (Lecturer)

5. Dr. H. Lamin (Lecturer)

6. Ms. Lucy Thomas (Lecturer)

4. Students Intake :

M.A.	Male			Femal			Total			Total
	SC	ST	Genl.	SC	ST	Genl.	SC	ST	Genl.	
I	-	-	2	-	10	7	-	10	9	19
II	-	-	2	-	10	7	-	10	9	19
III	-	2	1	-	1	1	-	3	2	5
IV	-	2	1	-	1	1	-	3	2	5
M.Phil	-	3	5	-	-	3	-	3	8	11
Ph.D.	-	1	1	-	2	4	-	3	5	8

5. Courses Conducted :

M. A. Ist Semester

1. Man and culture.
2. Family and Kinship.
3. Indian Society.
4. Biological Anthropology.

M.A. IInd Semester

1. Anthropological Theory.
2. Religion and Society.
3. Field Techniques in Anthropological Research.
4. Palaeoanthropology and Race Biology.

M. A. IIIrd Semester

1. Economy and Society.
2. Methodology of Anthropological Research
3. Theories of Culture Change and Modernization.
4. Human Growth.
5. Social Demography.

M. A. IVth Semester

1. Planning and Development in India.
2. Tribal Situation in India.
3. Human Adaptation.
4. Human Genetics.
5. Field Work.
6. Culture, Health and Disease.

M. Phil.

1. Systems of theory and Data Processing.
2. Oral Religious Traditions of Indian Tribes.
3. Conflict and Social Order.
4. Bio-Cultural Anthropology.

**6. Seminar/Conference/Symposium/Extension Lectures organised and attended**

**1. Prof. P. K. Misra :**

- (i) Delivered lectures on : Scheduled Tribe and Development, Strategies for Cultural Survival by Indian Tribes, and Tribal movements, to Refresher Course in Sociology organized by Academic Staff College, Hyderabad.
- (ii) Seminar on 'Jawaharlal Nehru and the Disadvantaged' organized by NEI-CSSR, Shillong.
- (iii) Workshop of the Expert Group at Calcutta on "Study of Primitive Group of Andaman Islands".

**2. Prof. A. P. Sinha :**

- (i) Seminar on 'Crime Against Women in North Eastern Region', organized by National Institute of Public Co-operation and Child Development, North Eastern Region, Gauhati. Delivered inaugural lecture.
- (ii) Organized "Foundation Course on Research Methods in Social Sciences", sponsored by ICSSR, NERC, Shillong.

**3. Dr. A. K. Ghosh :**

- (i) Relivered lecture on : "Studying Abnormal Itamoglobin" at Research Methodology Course organized by ASI, Shillong.

**4. Mr H. Lamin :**

- (i) Status of Women in Tribal Cultures of Meghalaya, organized by ICSSR-NERC, Shillong.
- (ii) Inter-Disciplinary Approach to Folklore Studies, organized by Centre for Cultural and Literary Studies, Shillong.
- (iii) National Seminar on Building Development Process and Communication, organized by Anthropology and Philosophy Department, NEHU, Shillong.

**5. Dr. R. K. Pathak :**

- (i) Refresher course on "Applied Anthropology" organized by Academic Staff College, Ranchi University, Ranchi.

**6. Ms. Lucy Thomas :**

- (i) Seminar on National Building, Development and Communication. Organized by NEHU and sponsored by Centre for Research in Rural and Industrial Development, Chandigarh. Presented paper on "Modernizing Societies and Intellectuals".
- (ii) Seminar on "Crime Against Women in North Eastern Region" organized by National Institute of Public Co-operation and Child Development, NERC, Beltola, Gauhati. Presented paper on "Approaches to Prevention and Management of Crime Against Women-Case Experience of Manipur".
- (iii) NEHRU and the Under-Privileged, organized by the Govt. of Meghalaya, Department of Parliamentary Affairs and NEICSSR. Presented paper on "Nehru-Women in Indian Society and Now".

(iv) Research Methodology in Social Science-core Course. Organized by Anthropology Department, NEHU, Co-authored "Manual Survey Research Methods"

(v) Social Scientists Meet 1989, on "The Status of Women in North Eastern Societies". Organized by Department of Anthropology, Gauhati University, sponsored by ICSSR-NERC. Presented Report on "Regional Seminar on the Status of Women in Naga Societies".

7. Visiting Professors/Fellows :

1. Dr. P. C. Dutta. From : Anthropological Survey of India, Calcutta.

8. Publications :

1. Prof. P. K. Misra

Papers : (i)

"Technology and Culture" in *New Technological Civilisation and Indian Society*. Edited by B. D. Nag Chaudhuri, Indian Institute of Advanced Study, Shimla.

Reviews : (i)

"Lepcha My Vanishing Tribe" by A. R. Foning in *Social Action Book Review Supplement* Vol. 6. No. 2. 1989.

2. Prof. A. P. Singh (i)

Manual on "Survey Methods in Social Research". A full-length source material for Course on Social Research Methods.

3. Dr. A. K. Ghosh.

Papers : (i)

Fertility and Adoption of Family Planning among the Muslim of 24 Parganas, West Bengal, Part II- *Journal of Family Welfare* Vol. 36, 32-42, 1990.

(ii)

Myth of a Scientific Project : People of India-Eastern Anthropologist Vol. 42. 305-306, 1989.

In Press

(i)

Inbreeding among the two sects of Muslim of North-24 Parganas, West Bengal-*Ind. J. Physical Anthropology & Human Genetics*.

(ii)

Birth Weight and birth length in relation to mother's age to delivery - *Human Science*.

4. Mr. H. Lamin.

In Press (i)

The impact of Coal mining in Economic and Social life of people at Bapung Coal-Mining area Jaintia Hills.

(ii)

The Economic Problem of the Border People of Jaintia Hills.

(iii)

The Role Primary Education in Rural areas of Jaintia Hills.

5. Dr. R. K. Pathak.

Under Consideration :

(i)

Nonmetric or cranial variation and biological distances between samples of six non-tribals populations of

India. R. K. Pathak, S. Kaul. *International Journal of Anthropology*. 1990.

- (ii) Epidemiological transition and risk factor for non-insulin dependent diabetes in North India. P. S. Gill, R. Corruccini, S. Kaul, R. K. Pathak. *Diabetes care*. 1989.

6. Ms. Lucy Thomas.

In Press : (i) Modern Society and Intellectuals.

9. Study Tour/Field trips of Students :

- (i) Study Tour by M. A. Students to : Puri (Orissa), Vidisha, Misnagpur (West Bengal), Masanjore, Santiniketan.

10. Thrust Area of Research :

“Development”, Ethnography, Urgent Studies.

## DEPARTMENT OF PHILOSOPHY

1. Introduction :

The Deptt. of Philosophy a unit of the School of Social Sciences. came into existence in 1974. The same year it started its M. A. Programme. Only in 1979, the M. Phil. programme was introduced.

The objective of the Deptt. has been to develop the logical and analytical ability of the students to critically reflect on various issues that confront them. The general direction of the Deptt. has been to give, both in teaching and research, special attention to such areas of philosophical thought as would facilitate the achievement of an authentic awareness among the students with regard to their own culture and tradition in the broader context of what is usually called Indian History and Culture.

2. Name of the Head of Deptt. : Prof. (Mrs) S. Miri.

3. The faculty during the year consisted of the following :

Name	Designation	Specialisation
1. Prof. M. Miri	Professor	Philosophy of Mind, Philosophy of Language, Moral Philosophy Aesthetics.
2. Prof. (Mrs) S. Miri	Professor	Philosophy of Religion, Philosophical Anthropology and Indian Philosophy.
3. Prof. N. Malla	Professor	Analytical Philosophy including Philosophy of Language, Philosophy of Social Sciences.

- |    |                     |                          |  |
|----|---------------------|--------------------------|--|
| 4. | Dr. C. R. Agera     | Reader                   | Comparative Religion including Philosophy of Religion and Social Philosophy. |
| 5. | Dr. Jagat Pal       | Reader                   | Moral Philosophy, Logic and Philosophy of Language.                          |
| 6. | Dr. S. C. Daniel    | Reader                   | History of Modern and Western Philosophy and Analytical Philosophy.          |
| 7. | Mr. Xavier Mao      | Lecturer                 | Existentialism.  |
| 8. | Mr. Richard Tongper | Lecturer<br>(Temporary). | Religion and Culture.  |

4. The intake of students in the M. A. and M. Phil. Programme during the year was as follows :

**M. A.**

**Enrolment Admission are : 15**

<b>Semester</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>SC</b>	<b>S.T</b>	<b>General</b>
First	2	2	4	-	3	1
Third	2	5	7	-	-	7
M. Phil	1	1	2	-	-	2
Ph. D.	-	-	-	-	-	-

5. **Courses Conducted are as Follows :**

**M.A.**

**First Semester**

1. Indian Philosophy
2. Moral Philosophy
3. Symbolic Logic
4. Hume and Empiricist Tradition.

**Second Semester**

1. Plato
2. Philosophy of Religion.
3. Indian Philosophy -I.
4. Moral Philosophy -II.

**Third Semester**

1. Philosophy of Action
2. Understanding Tribal
3. Philosophy of Kant
4. Contemporary of Western Philosophy

**Fourth Semester**

1. Issues in Contemporary Indian Society.
2. Philosophy of Gandhi.
3. Existentialism
4. Philosophy of Natural Sciences.
5. Descartes and Modern Philosophy.

6. **Seminar Organised :** A National Seminar on "National Building Development and Communication" organised by Prof. Sujata Miri on 4th-8th September, 1989. The students and faculty of the deptt. Participated in the discussion apart from participants from other University/Institutions.
- (a)

(b) **Seminars//Conference/attended.** Prof. Miri attended a Conference on “*Problems of Development in the N. E.*” at Dimapur. Jan. 9-12, 90.

Prof. M. Miri and Prof. (Mrs) S. Miri attended the International Seminar on ‘*Nehru Humanism and International Relations*’ in Delhi, October, 1989, hosted by the Ministry of External Affairs.

Prof. Mrinal Miri participated in a Seminar on “*Text Tradition on Swaraj*” Delhi, February 1990. He also took part in a U. G. C. Seminar on “*Curriculum Development*”. Delhi, January, 1990.

7. **Visiting Professors :/ : NIL.**  
**Fellows.**

8 **Publications :**

1. Prof. M. Miri (1989-90).

Miri M. “Reader in Criticism” *Journal of the Indian Council of Philosophical Research*. January - April, 1989.

Miri M. “Kanr’s Refutation of *Idealism in the Philosophy of N. V. Banerjee*”, Ed. Margaret Chaterjee, ICPR, 1985

2. **Publications of Prof. Sujata Miri (1989 - 1990).**

Miri S : “Kama and Women” *New Quest*. 1989.

3. **Publications of Mr. C. R. Agera (1989 - 90).**

Agera, C. R. : “Cut the Syllogism to its size : Some Reflections on the Indian Syllogism”. *Indian Philosophical Quarterly* Vol 16. No. 4. 1989.

Agera, C. R. : Experience, Expression and Action : A Testive Iterweneutics” *Religions Studies*, Vol. 17 No. 1., 1989.

Agera, C. R. : “Liberations Theology Today”, *Indian Missiological Review*, Vol. 11. No. 1, 1989.

Agera, C. R. : “In the Ontic Human Centre : Solitariness oversome by Solitude” *The Journal of Dharma*, Vol. No. 2, 1989.

Agera, C. R. : “*Review of Education for peace : Testomonies from World Regions (Orbis Books, New York, 1987)* in the *Indian Missiological Review* Vol. 11, No. 1, 1987.

Agera, C. R. : “*Review of Border Regions of faith : An Anthology of Religions and Social Change (Orbis Books, New York, 1987, in the Indian Missiological Review* Vol. 11, No. 2, 1989.

5. **Publications of Dr. Jagat Pal (1989-90)**

Pal Jagat “*Modern Analysis of Syllogistic Logic : Indian Philosophical Quarterly* Vo. XVI. No. 3. July 1989.

Pal, Jagat “*Vastugat Apada ke Svarupa Ka tarkika vohlesha Paramarah*” Vol X. No. 2, March, 1989.

6. **Publications of Dr. S. C. Daniel. (1989-90).**

Daniel S. C. “*Plato’s Theory of Meaning - A Critical Study*”, the *Visva Bharati Journal of Philosophy*, Vol.-XXV. No. 2, Vol. XXVI, No. 1, February-August, 1989.

Daniel S. C. : Khasi Religion and Christianity - A Comparative Study". *The Indian Society for Promoting Christian Knowledge*. (ISPACK) March, 1990.

Daniel S. C. : "Plato's Cosmology with special reference to His Philosophy of Natural Science" *The North-Easter Hill University Journal of Social Sciences and Humanities*. March, 1990

Daniel, S. C. : "Understanding Folklore in Felicitation Volume of Prof. Surjit Sinha, (ed) by Prof. B. N. Saraswathi 1990.

Daniel S. C. : "Philosophy and Folklore The North - Eastern Hill University Journal of Social Science and Humanities. (Special Volume) 1990.

9. **Study Tour/Field Trips of studies.** :

Nil

10. **Thrust area of Research** : Although the deptt. is co-hesive in many ways it is difficult to say that the faculty is or can be organised around a very specific area of philosophy particularly on view of the extreme inter connected of the various areas. All they can be said is that there has been considerable work done on the articulation and understanding of tribal cultures, and on several conventional problem areas of philosophy. The two projects under the departmental Research support programme might enable us to crystallise a thrust area(s). But all this however. is not to say that the deptt. suffers from any lack of cohesiveness.

11. **Research Programme/ Research Project are :**
- i) ICSSR Research Project entitled "Secularism, Religious communalism and civilization with special reference to North-East" (Director : Prof. S. Miri).
  - ii) Work on two research projects under the U.G.C. D.R..S. Scheme under way. The two projects are :
    - a) *Rationalist Justification and Tribal Thought* (Chief Investigator : Prof. M. Miri.)
    - b) *Indian Philosophy of Religion* (Chief Investigators : Dr. C. R. Agera).
  - iii) Prof. N. M. Malla has almost completed the translation of *Bharahmakanda Vakyandiyam of Bharatruhari* from Sanskrit to English.  
He has also completed writing fifteen philosophical essay in oriya.

12. **Any other remarks :**

Nil.

## DEPARTMENT OF PSYCHOLOGY

1. **Name of the Department/Institution:** Department of Psychology.
2. **Introduction** The Department of Psychology was established in 1983. It is conducting M.A. and Ph. D. Programmes.

3. **Name of the Head of Department:** Dr. L. N. Singh.

4. **Faculty position** in order of Seniority with numerical Numbers as Serial Under the following headings :

Name	Designation	Specialization
1. Dr. L. N. Singh	Reader & Head	Experimental Psychology/Comparative Physiological Psychology.
2. Dr. A. N. Jaiswal	Reader	Clinical Psychology.
3. Miss. Zokaitluangi	Lecturer	Social Psychology
4. Miss Lalmanpuii Ralte.	Lecturer	Social Psychology.

(Dr. A. N. Jaiswal is on deputation w.e.f. 1.5.1989).

(Miss Lalmanpuii Ralte's appointed as ad-hoc Lecturer is made against the long leave vacancy of Dr. Jaiswal to cope with the pressing needs and requirements of the department. The same would be desirable to be continued to cope with the 3rd and 4th Semesters' teaching going on simultaneously.)

5. **Student Intake :**

(a) M. A. : 5

(b) Ph. D. : 2

6. **Courses conducted :** M. A. and Ph. D.

7. **Seminars/Conferences/Symposia/Extension Programmes Organised and attended** (Organised separate/attended separate paragraphs) :

The Department proposed to hold a Seminar on "Ecology and Human Resources Development with special reference to North-East", somewhere in the month of March, 1989, but due to the non-availability of funds in time, it has been postponed to the month of August, 1990.

8. **Visiting Professors/Fellows :** Nil.

9. **Publication :**

The articles based on the M. A. Dissertations and the pilot studies data are under preparation for publication.

10. **Study Tour/Field trips of students :**

The M. A. (Psychology), Fourth Semester students are required to go for professional training, as part of the M. A. (Psychology) syllabus requirement. As there were no student in the fourth semester of 1989-1990 session, no study tour and field trips could be organised.

11. **Thurst Area of Research :** (i) Experimental Social Psychology.  
(ii) Psychopharmacological studies with special reference to drug addiction.

12. **Research Programme/Research Project** (under taken during the year under review):  
Nil.

13. Any other remarks :

One Ph. D. synopsis by Mrs. Vijaya Pugal. Lecturer in education, Kolasib College, Mizoram is under consideration for provisional registration in the department. The title reads "Cognitive Processes in Relation to Psychological Differentiation and Some Personality characteristics : A Cross-Cultural Study".

**DEPARTMENT OF PUBLIC ADMINISTRATION**

**Mizoram Campus**

1. **Name of the Department** - Department of Public Administration, NEHU, Mizoram Campus, Aizawl.
2. **Introduction** - The Department of Public Administration, North-Eastern Hill University, Mizoram Campus, Aizawl started functioning in June, 1985. It began offering instructions in two post-graduate programmes in Public Administration with effect from 1987, viz.  
An M. A. Programme of two year of four semesters duration and a Diploma Programmes of one year of two semesters duration. Developmental themes receive emphasis in the overall structure of the two with exposure to theoretical concepts as well as practical problems.  
The Department also plans to start M. Phil course at a later stage. However the facilities for Ph. D. supervision are at present available in the department.
3. **Name of the Head of the Department** - Prof. A. K. Sharma.

4. **Faculty position -**

Name of faculty members	Designation	Specialisation
1. Dr A. K. Sharma	Professor & Head	Public Sector Management, Administrative Theory.
2. Dr. R. N. Prasad	Reader	Indian Administrative System, Govt. & Politics in India, Govt. & Politics in North-East India / Regional Studies/Political theory.
3. Capt. C. Lalkima	Lecturer	Development Administration / Social Administration.
4. Dr. S. Jawaid	Lecturer	Political Theory/Public Administration
5. Mr. Lalengmawia	Lecturer (Temporary).	Development Administration/Economic Administration. Read Political Theory at P. G. level.
6. Miss. Lalthianghlimi-Zote	Lecturer (Temporary)	Public Personnel Administration.

7	Mrs Kalpana Das	Lecturer (Temporary)	Indian Administrative System
8	Miss Lalneihzovi	Lecturer (Temporary)	Social Administration

### 5. Students Intake

M. A. Public Administration

(A) Enrolment capacity in M. A. :	35
(B) Actual Admission in M. A. :	11

	Male	Female	ST	SC	General		Total
					F	M	
<b>M. A.</b>							
I Semester	6	4	10	x	1		11
II Semester	2	4	6	x			6
III Semester	5	2	7			2	9
IV Semester	5	1	6			2	8
<b>P. G. Diploma</b>							
I Semester	16	7	23		2	4	29
II Semester	11	5	16		2	2	20

3 students, who passed Post-graduate Diploma, joined III Semester M. A., Via Diploma, '89. So the number of the students of both M. A. (regular) and M. A. Via Diploma went to 9 in III Semester.

III Semester M. A. (Regular)	-	6
III Semester M. A. Via Diploma	-	<u>3</u>
Total -		9

### 6. Course conducted (Titles only).

#### Structure of Master's Programme

M. A. (Part - 1).

Course	Marks	Allotted
<b>First Semester :</b>		
Course 1 : Fundamental of Public Administration	100	marks
Course 2 : Administrative Theory	100	marks
Course 3 : Bureaucracy and Politics	100	marks
Course 4 : Indian Administrative System	100	marks
<b>Second Semester :</b>		
Course 5 : Public Policy Analysis	100	marks
Course 6 : Development Administration	100	marks
Course 7 : Public Personnel Administration	100	marks
Course 8 : Research Methodology	100	marks

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**Four-week Practical Training during the Winter-Break (Non-Credit Component)**

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**M. A. (Part - II)****Third Semester :**

Course 9	: Economic Administration	100	marks
Course 10	: Social Administration	100	marks
Course 11	: Comparative Public Administration	100	marks
Course 12	: Optional (to be chosen from the Group shown below)	100	marks

**Fourth Semester :**

Course 13	: Public Sector Management	100	marks
Course 14	: Local Self Government in India	100	marks
Course 15	: Government and Politics of the Hill Areas of North East India.	100	marks
Course 16	: Optional (to be chosen from the groups shown below).	100	marks

Total Marks : 1600 marks

**Optional Courses :**

Furnished below are four groups of optional courses out of which a student shall choose any one when she/he enters the second Year (III Semester) of the Programme. Each Group (except Group D) consists of two optional courses, of which the student concerned shall offer one in the Third Semester and the other in the Fourth. Group D relates to Dissertation; this will be in lieu of two courses, and the student concerned shall pursue her/his work on Dissertation during the III and IV Semesters.

<b>Groups</b>	<b>Group A</b>	<b>100 marks each</b>
Course A 1	: Political Theory	
Course A 2	: Government and Politics in India.	
	<b>Group B</b>	<b>100 marks each</b>
Course B 1	: Comparative Business Organisations	
Course B 2	: Financial Administration	
	<b>Group C</b>	<b>100 marks</b>
Course C 1	: Administration for Tribal Development	
Course C 2	: Issues in Rural Development	
	<b>Group D</b>	<b>100 marks</b>
	Dissertation (In lieu of two courses)	

**Structure of P. G. Diploma Programme**

The structure of the Diploma Programme shall be as under :

<b>First Semester :</b>	<b>Marks Allotted</b>
Course 1 : Elements of Public Administration	100 marks
Course 2 : Public Personnel Administration	100 marks

Course 3 :	Indian Administrative System	100 marks
Course 4 :	One of the following :	100 marks
	(a) Comparative Business Organisations	
	(b) Office Management.	

**Second Semester :**

Course 5 :	Development Administration	100 marks
Course 6 :	Economic Administration	100 marks
Course 7 :	Social Administration	100 marks
Course 8 :	Administrative Institutions of the Hill Areas of the North-Eastern India.	100 marks

**7. Publications :**

**Books :**

**Government and Politics in Mizoram - 1947 - 1986.**

Northern Book Centre, 4221/1 Ansari Road, New Delhi, March '87. R. N. Prasad and A. K. Agarwal, *Political and Economic Development of Mizoram*, New Delhi, Mittal Publications, 1990.

**Jawaharlal Nehru and Problem of National Integration :**

A Study - Paper was presented at the seminar on Pandit Jawaharlal Nehru (in commemoration of his birth centenary) on November 1-2, 1988 organised by North Eastern Hill University, Mizoram Campus, Aizawl and Department of Education, Govt. of Mizoram, Aizawl (Memographed). It has been published in the book 'Nehru: Man Among men'. Mittal publications, New Delhi, 1990. This paper has also been published in "TEACHING POLITICS". The Journal of the Delhi University political science Association. Vol. XV. No. 1, 1989.

*A Study of the Sixth General Election to the Mizoram Legislative Assembly, 1989* published (IN) the North Eastern Hill University Journal of Social Sciences and Humanities, Vol. VII No. 3, July-September, 1989, Shillong.

**Dr. Sohail Jawaid**

**Publications :**

1. The Naxalite Movement in India (Associated Publishing House : New Delhi, 1979).
2. Growth of Socialism in India (Associated Publishing House : New Delhi, 1980).
3. Trade Union Movement in India (Sundeep Publishing House : New Delhi, 1982).
4. Socialism in India (Radiant Publishing House : New Delhi, 1985).
5. Theory and Practice of Public Administration in India (Under Preparation).

**8. Thrust Areas of Research :**

**(A) M. Phil**

Tribal Development Administrative, Regional Studies.

**(B) Government and Politics/Administrative Institutions in North-East India ; Regional studies/Local Self Government, Public Sector Management.**

**9. Any other Remarks :**

The Department, since the beginning of the Academic session-1987-88, besides teaching works, has been regularly holding a general seminar for the participants of P. G. Diploma and M. A. on each Saturday of the month. The participant from anyone of the two programmes contributes a paper on themes of her/his choice generally concerning courses. The seminar is also presided over by one of the participants but attended by the faculty members.

**Course Materials : (1989).**

Dr. Arvind K. Sharma, prepared for the Indira Gandhi National Open University, New Delhi their Bachelor's Degree Programme (course on Indian Administration) (Prepared in 1989).

1. State Secretariat : Organisation and Functions
2. Directorates and Regional Administration
3. Patterns of Relationship Between Directorates and Secretariat.
4. State Services and Public Service Commission.

**UGC Visiting Fellowship, 1989.**

During the month of September, 1989 Dr. Arvind K. Sharma, was invited by the Department of Political Science and Public Administration, Kakatiya University, Warangal as UGC Visiting Fellow for a period of two weeks. As a visiting fellow, he delivered lectures at that University and held consultations with the members of Faculty of the University concerning matters of curriculum and research.

**DEPARTMENT OF HISTORY AND ARCHAEOLOGY**  
**Nagaland Campus, Kohima**

1. **Introduction:** Department was started in 1989.
2. **Name of the Head of the Department:** Dr. N. N. Acharyya.
3. **Faculty Position :**

Name	Designation	Specialisation
1. Dr. N. N. Acharyya	Visiting Fellow	Ancient History
2. Dr. Visier Sanyu	Lecturer	Modern History
3. Mr. N. Venuh	Lecturer	Modern History
4. Miss. Salome Zhimomi	Lecturer	Ancient History & Archaeology.

**4. Students Intake :**

(a) Enrolment Capacity : 30

(b) Actual Admission under the heading : 12

(SC/ST/Genl) St. (Male/Female) 9 Male and 3 Female MA/M.Sc./M..Com./  
M.Ed/B.Lib./M. Lib : MA.

M.Phil. Nil.

Ph. D. Nil.

5. **Courses conducted :** M. A.

6. **Seminars/Conferences/Symposium/Extension Programme organised - Nil.**

**Seminars attended:** Tenth Session of "North East India History Association at Shillong and (2) Attended P. G. Class in History at NEHU, Shillong for one week.

7. **Visiting Professors/Fellows :** Dr. N. N. Acharyya.
8. **StudyTour/Field trips of students :** All India study tour in the month of December 1989/January, 1990.
9. **Thrust Area of Research :** Nil.
10. **Research Programme/research/project (undertaken during the year under review) :** Nil.
11. **Any other remarks :** Nil.

**Publications :**

**Dr. N. N. Acharyya :**

1. Pre-Historic Culture of Nagaland. Journal of North East India History Association Shillong Session, 1989.
2. Nehru and Nagaland, Nehru and North-East India, Directorate of Education. Government of Manipur, Imphal, 1989.
3. Nagaland As a State and Nehru, Nehru Club, NEHU, Kohima, 1989.
4. The State of Indian Economy to the British Rule, Souvenir Silver Jubilee of Hojai College, Hojai, Assam, 1989, pp. 26-37.
5. Importance of Assamese Historical Literature for writing History of Cooch - Behar, Madhuparni, Cooch Behar Number. 1989, pp. 114-18.
6. An Introduction to Assamese Literature, Kohima Sahitya-Sabha, Kohima. 1989, pp. 10 - 14.
7. Need for Preservation of Source Material for History of Assam State Museum. 1989-90, pp. 64-68.
8. Importance of Assamese Literature as Source for the History of Different States of North East India. Bulletin of Assam State Museum. 1989-90. pp. 40-45.

**BOTANY DEPARTMENT**

**1. Introduction :**

Since its inception in the year 1974, the Department of Botany, North-Eastern Hill University, Shillong has engaged itself with teaching and research work in the field of Botany. The Department has significant contributions in the field of botanical researches.

2. **Name of the Head of the Department.** : Prof. R. R. Mishra till 29.11.89.  
Prof. Y. S. Chauhan 30.11.89 - continuing.

**3. Faculty position :**

Name	Designation	Specialization
Prof. R. R. Mishra	Professor	Microbial Ecology.
Prof. R. S. Tripathi	Professor	Population Ecology
Prof. Y. S. Chauhan	Professor & Head	Experimental Morphology.
Prof. P. Tandon	Professor	Plant Physiology.
Dr. H. N. Pandey	Reader	Ecology.
Dr. J. P. Gaur	Reader	Limnology.

Dr. G. D. Sharma	Reader	Microbial Ecology.
Dr. R. C. Laloo	Reader	Ecology.
Dr. A. K. Mishra	Reader	Genetics
Dr. Y. Kumar	Lecturer	Taxonomy
Dr. (Miss) M. S. Dkhar	Lecturer	Microbial Ecology.
Dr. L. Kharlukhi	Lecturer	Plant Physiology.
Dr. N. K. Chrungoo	Lecturer	Plant Physiology.

4. **Students intake :**

Enrolment capacity	:	M. Sc.	—	20
		Pre-Ph.D/M.Phil.	—	12
Actual Admission	:	M. Sc.	—	20
		Pre-Ph. D.	—	8
		M. Phil.	—	..
		Ph. D.	—	5

5. **Courses conducted :**

The following papers are offered :

M. Sc. : Algae, Bryophyta, Pteridophyta. Mycology & Plant Pathology. Gymnosperms & Plant Anatomy, Molecular Biology & Biochemistry, Taxonomy & Biostatistics, Microbiology, Genetics, Evolution & Plant Breeding, Population and Community Ecology, Plant Physiology, Morphology, Embryology & Differentiation, Ecosystem Analysis & Phytogeography.

Microbial ecology, Ecology & management of forest ecosystem, Radiation Botany, Ecology & Physiology of algae, Physiology of growth & development are offered as special papers.

M. Phil. : **Departmental level :**

Analysis of forest ecosystem, Dynamics & regulation of plant population, Microbial ecology, Plant Pathology, Ecology & Control of soil-borne pathogens, Microbiology of root & its environment, Control of growth & differentiation in plants, Experimental morphology, Experimental taxonomy, Systematic Botany, Algal ecology & Physiology, Molecular & Hormonal basis of plant growth regulation.

**School level :**

Techniques in Microbiology.

In addition to imparting teaching at the P. G. level in Botany, the Department is actively engaged in carrying out research studies in different fields of Plant Sciences viz., Microbial ecology, Forest biology, Ecology, Radiation biology, Plant Physiology, Plant taxonomy, Genetics, Limnology, Plant tissue culture etc.

6. **Seminars/Conferences/Extension Programmes attended/organised during the years:**

During the period under report INSA (New Delhi) organised meeting of the fellows and distinguished scientists at NEHU, from 15th May - 17th May, 1989. Prof. R. R. Mishra delivered a lecture on Biological diversity in N. E. region of India.

The Department organised the XIII Plant tissue culture conference during October 18-20, 1989. Prof. P. Tandon was the organising secretary of the Conference.

The Himalayan ecodevelopment group monitoring workshop was organised in the Botany Department, NEHU, Shillong. Prof. R. R. Mishra Co-ordinator, Himalayan ecodevelopment projects presented the progress report of the ten research projects undertaken by different investigators in the University.

Prof. R. S. Tripathi delivered two invited lectures each at Patna University, Patna and IIRS, Dehradun in June 1989 & February 1990. A workshop on Status of social forestry in North Eastern Region was also organised from March 27-28, 1990. Prof. Tripathi also attended the Project monitoring workshop, April 4-6, 1989, UGC New Delhi, Seminar on Status of Indian forestry : Problems & Perspective, December 21-23, 1989, HAU, Hissar. Seminar on Environmental conservation & wasteland deveopment, August 4-6, 1989, MSC Shillong & CSE New Delhi, at Shillong. Chaired a technical session on :

‘Pollution, Erosion & Pesticides’ at the Regional Seminar of Pollution & environmental degradation, March 29-30, 1990 CDE, NEHU, Shillong.

Acted as a resource person at the worshop on Environmental problems of East Khasi Hills district of Meghalaya Nov. 27-28, 1989, C. Eco. Dev., NEHU, Shillong.

Prof. Y. S. Ckauhan participated in a National Seminar on Pollination held at HAU, Hissar, March 20-21, 1990 and presented a paper. He also chaired a session on Pollination for crop seed/food production.

Dr. H. N. Pandey acted as a resource person and delivered a lecture on “Impact of grazing on land degradation” in the workshop on Environmental problems of East Khasi Hills District of Meghalaya from 27-29 November, 1989.

Dr. J. P. Gaur presented a paper entitled “Problems of water resource management in the workshop on Environmental problems of East Khasi Hills District of Shillong at Centre for Eco-Development, NEHU, Novembr 27-28, 1989.

Dr. G. D. Sharma participated in a 10 week workshop on the use of radioisotope in Agriculture and Biology at NRL, IARI, New Delhi from 15th February to 30th April, 1989.

Dr. A. K. Mishra, availed the BTNA awarded to him by DBT Govt. of India and worked for six months at Biotechnology Centre, IARI, New Delhi and for three months at University Claude Bernard, Lyon, France.

#### 7. Study tour/Field trips of Students :

M. Sc. IV semester Students Visited Andaman Islands, Vishakhapatnam & Calcutta with Dr. Y. Kumar & Dr. (Miss) M. S. Dkhar as teacher-in-charges, to study the vegetation around these places, during December 1989-January 1990.

Besides a number of research projects in the fields of Forest biology, Microbial ecology, Radiation biology, Plant tissue culture, Crop phycology, Taxonomy & Genetics are currently under progress in the Department.

#### 8. Publications :

1. Belho, V. & Chauhan, Y. S. Effect of growth hormones and gamma radiation on pollen germination and pollen tube growth of *Solanum marginatum* Lf. *Geo phytology* 19 (2) : (1990) (in press).
2. Chauhan, Y. S. & J. S. Kharbteng, Ethrel effect on growth flowering fruiting &

- alkaloid content in *Solanum khasianum* cl. proc. *Int. Conf. Rec. Adv. Med.-Arom & Spice Pl* : (1989) (in press).
3. .... & Belho, V. Effect of Radiation on *in vitro* pollen germination pollen tube growth & Fertilizing ability of irradiated pollen in *Solanum khasianum* Cl. in : Sihag R. C (ed) *progress in pollination Biology*, (1990) in press.
  4. Chrungoo, N.K. & Farooq, S. Influence of GA<sub>3</sub> & NAA on certain carbohydrate fractions in corms of saffron crocus (*Crocus sativus* L.) during development. *Acta Soc. Bot. Pol.* 58 (2) : 237-246 (1989).
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  - 11 Jha B N Sharma, G D & Mishra, R R Effect of pH on the growth of ectomycorrhizal fungi *in vitro*, in : Jalali, B C & Chand, H *Curr. Trend in Mycorrhizal Res* pp. 66-67 Hissar Agriculture University Hissar (1990).
  12. Jha D.K Sharma G.D. & Mishra R.R. Status of VAM in degraded forest ecosystem in : Mahadevan A Araman N & Natrajan K J .....(ed) *Mycorrhiza for green Asia* pp 50-52 Madras University Madras (1989)
  - 13 Jyrwa, S & Sharma, G. D. VAM Phosphatase, dehydrogenase & nitrification in root region of paddy under different agricultural practices in : Mahadevan A Araman N & Natrajan K J (ed) *Mycorrhiza for green Asia* pp 142-149, Madras University, Madras (1989)
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  - 15 Katiyar R S. Sharma G D & Mishra, R R. Infection efficiency of some *Rhizoctonia* strains in orchid mycorrhiza *Proc Intl Symp Life Sciences*, pp 114-126 John wiley Publication Calcutta (1989)
  - 16 Khetiya S Jha D K Sharma, G. D. & Mishra, R. R. Nutrient release from litter & the development of mycorrhizae in more disturbed less disturbed forest communities. *Curr. Trends, in Myco. Res.* 37-39. Hissar Agriculture University, Hissar (1990).
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18. Khan, M.L. and Tripathi, R. S. Survival and growth of transplanted nursery seedlings of three subtropical trees at burnt and unburnt sites in dense and sparse forest stands. *Trop. Ecol.* 30 : 20-30 (1989).
19. Khan, M. L. & Tripathi, R. S. Effect of soil moisture, soil texture and light intensity on emergence, survival and growth of seedlings of a few subtropical trees. *Indian J. of Forestry* 12 : 196-204. (1989).
20. Katiyar, S.R. & Chauhan, Y.S. *In vitro* germination of *Pinus kesiya* Royle ex Gord pollen. *Geophytology*, 18 : 28-34 (1988).
21. Pandey, H. N. & Dubey, S. K. Growth and population dynamics of an exotic weed *parthenium hystriophorus* Linn. *Proc. Ind. Acad. Sci. (Pl. Sci.)* 99 : 51-58 (1989).
22. Pradhan, G., Gurung, P. B. & Kumar Y. *Ageratum hostorianum* Mill (Asteraceae)- A new distributional record from N. E. India. *J. Econ. Tax. Bot.* 13 (2) 413-415 (1989).
23. Rajkumar, Sharma, G.D. & Mishra, R. R. Development of ectomycorrhizae on pine and its effect on the growth of *Pinus kesiya* under different moisture regimes, in: Jalali, B. L. & Chand, H. (ed) *Curr. Trend. Myco. Res.* pp. 199-200 Hissar Agriculture University (1990).
24. Rao, C. S. & Sharma, G. D. Seasonal variation in enzyme activities in the ectomycorrhizal region of *Pinus kesiya*, in: Mahadevan, A. Raman, N. & Natrajan. K. (ed) *Mycorrhiza for green Asia* pp. 159-161 Madras University, Madras (1989).
25. Shukla, A. K. Tiwari, B. K., Mishra, Mishra, R. R. Soil respiration and microbial population in potato field. *J. Soil. Biol. Ecol.* 8 : 1-9 (1989).
26. .... Temporal and depthwise distribution of microorganisms, enzyme activities and soil respiration in potato field under different agricultural systems in N. E. hill region of India. *Rev. Eco. Biol. Soil.* 26 : 1-17, (1989).
27. Singh, A. K. Gaur, J. P. Algal epilithon & water quality of a stream receiving oil refinery effluent. *Hydrobiol.* 184 : 193-200 (1989).
28. ....&..... Effect of petroleum oils and their peraffinic, asphaltic and aromatic fractions on photosynthesis and respiration of microalgae. *Ecotoxicol and Environ Safety.* 19 : 8-16 (1990).
29. Singh, R. K., Aqbal Singh, A. K. Misra, Khenuja, S. P. S. Narula, R. & Sushil Kumar, Binary conjugational transfer system of vector prk 290 & PLAFR 1 in proficient both ways between *E. Coli* & *Rhizobium*. *Ind. J. Exptl. Biol.* (in press).
30. Sidiqui, A. A. A., Chrungoo, N. K., Koul, K. K. & Farooq, S. Saffron. A potential cash crop of Kashmir. *Sci. Rep.* (in press).
31. Tiwari, S. C., Tiwari, B. K. & Mishra, R. R. Microbial decomposition of oine apple 1-itters. *Acta Oecologia Pl.* 10 : 329-339 (1989).
32. ....&..... Studies on microbial population, Enzyme activity & Co<sub>2</sub> evolution in pine apple.
33. ....&..... Studies on microbial population, Enzyme activity & NPK levels in earthworm cast & soils. *Biol. Fest. Soil.* 8 : 178-182 (1989).

34. .... Microbial community. Enzyme activity & CO<sub>2</sub> evolution in pine orchard soils. *Trop. Ecol.* 30 : 265-273 (1989).
35. ....&..... Seasonal variation in micro-fungal population in pine apple orchard soils. *Act. Bot. Indica.* 18 : (1990) (in press).
36. .... Phosphatase activity & microbial population in pine apple orchard soils. *J. Soil. Biol. Ecol.* 8 : (1989). (in press).
37. Sharma, G. D. & Mishra, R. R. Production of mass inoculum and inoculation techniques of ectomycorrhizal fungi in subtropical pine in : Mahadevan, A. Natrajan, S. and Raman, A. (ed) *Mycorrhiza for green Asia.* 319-321, Madras University, Madras (1989).
38. Tripathi, R. S. & Khan, M. L. Effect of seed weight & microsite characteristics on germination & seedling fitness in two species of *Quercus* in subtropical wet hill forest (1990) (in press).

9. **Thrust area of Research :** Forest Biology

The major areas in which research work is being in the department are higher plant ecology, microbial ecology, phycology and aquatic ecology, experimental morphology, radiation botany, plant physiology, cytogenetics and plant systematics.

10. **Research Project:**

The department has under taken number of research projects on above aspects which are funded by various agencies such as UGC, CSIR, DST, DOEn, DBT, NEC etc.

## DEPARTMENT OF ZOOLOGY

1. **Name of the Department :** Zoology.

2. **Introduction :**

The Deptt. of Zoology was established in 1974 under the School of Life Sciences with one Professor and one Lecturer to begin with. It has grown during the last 15 years to have five Professors, four Readers and five Lecturers at the present. This deptt. is conducting teaching Programmes well suited to the needs of the hill regions and keeping national and international standards in view. It has committed itself to scientifically explore the vast faunal resources of the North Eastern region and to make contributions to the different aspects of its thrust are of Environmental Biology. The deptt. of Zoology is being considered for the special assistance programme of U. G. C.

3. **Name of the Head of deptt. :** Prof. K. Chatterjee till October, 1989.  
Prof. B. K. Ratha - from October, 1989

4. **Faculty position**

Name	Designation	Specialization
1. Dr. R. G. Michael.	Professor (on leave as Pro-Vice-Chancellor, NEHU.)	Limnology

2. Dr. K. Chatterjee	Professor	Cytomology
3. Dr. A. R. Verma	Professor	Entomology
4. Dr. B. K. Ratha	Professor	Physiology & Bio-chemistry
5. Dr. (Mrs) V. Tandon	Reader	Parasitology
6. Dr. B. K. Sharma	Reader	Biosystematics & Limonology
7. Dr. B. B. P Gupta	Lecturer (on leave on DAAD Fellow- ship).	Endocrinology
8. Dr. S. B. Prasad	Lecturer	Cell Biology
9. Dr. N. Saha	Lecturer	Physiology & Bio-Chemistry.
10. Dr. B. Kharbuli	Lecturer	Eco-Physiology.
11. Dr. A. Chatterjee	Lecturer	Cytogenetics.

### 5. Students Intake :

#### a) Enrolment Capacity :

M. Sc.	— 20
M. Phil.	— 15

#### b) Actual admission :

	Male	Female	SC/ST	General
M. Sc.	9	9	8	10
M. Phil.	3	9	8	4

### 6. Courses Conducted :

#### M. Sc.

Semester —I	Animal Physiology (Theory) Z-101 Animal Physiology (Practical) Z-102 Cell and Molecular Biology (Theory) Z-103 Cell and Molecular Biology (Practical) Z-104 Concepts of Animal Development (Theory) Z-105 Concepts of Animal Development (Practical) Z - 106.
Semester - II	Basic Biological Chemistry (Theory) Z - 201 Basic Biological Chemistry (Practical) Z - 202 Genetics and Evolution (Theory) Z - 203 Genetics and Evolution (Practical) Z - 204 Biosystematics and Biostatistics (Theory) Z - 205 Biosystematic and Biostatistics (Practical) Z - 206.
Semester - III	Animal Ecology (Theory) Z-301 Animal Ecology (Practical) Z-302 Parasitology (Theory) Z-303 Parasitology (Practical) Z-304 Special Paper I (Theory) Z-305 Special Paper I (Practical) Z - 306.
Semester - IV	Endocrinology and Histochemistry (Theory) Z-401 Endocrinology and Histochemistry (Practical) Z - 402. Fish Biology (Theory) Z - 403. Fish Biology (Practical) Z - 404 Special Paper II (Theory) Z - 405 Special paper II (Practical) Z - 406 Special papers (I & II) are offered in the following disciplines : A — Limnology B — Biochemistry and Adaptation C — Developmental Biology

D — Cytogenetics

E — Parasitology

F — Entomology

M. Phil.

**Departmental Papers :**

Animal Cytogenetics

Entomology

Animal Parasitic Helminthology

Development and Morphogenesis

Biochemical Regulations

Cell Biology

Experimental Limnology

Freshwater Ecology

Ecology of Freshwater Plankton

Comparative vertebrate Endocrinology

Adaptational Physiology

**School level Paper :**

Basic Techniques in Biological Research

**7. Seminars/Conference/Symposia attended/organised :**

Prof. K. Chatterjee attended 20th Seminar on Management of Education Systems (November 2-10, 1989) at Administrative Staff College of India, Hyderabad. He also attended Humboldt Foundation Symposium (November 10-12, 1989) at New-Delhi.

Prof. B. K. Ratha attended 'Project monitoring workshop' of Department of Environment held at Nainital (June, 1989). He also presented paper and chaired a session at symposium on 'Development and Senescence' Department of Zoology, Banaras Hindu University (October 17-23, 1989).

Dr. (Mrs.) V. Tandon participated and gave a talk at a 'Seminar on Zoonoses' at Regional Medical Research Centre, N. E. Region (ICMR), Dibrugarh (November 9-10, 1989). Dr. Tandon also attended a two week "Workshop on Immuno-cytological Technology" at National Institute of Immunology, New Delhi (January 8-19, 1990). She presented a paper in "Regional Seminar on Pollution & Environmental Degradation" (March 29-30, 1990) organised by Centre for Distance Education, NEHU, Shillong.

Dr. B. K. Sharma attended and chaired a session in a seminar of 'Environment Management and Wasteland Development' organised by Meghalaya Science Society, Shillong (August, 1989).

Dr. N. Saha attended 'National Workshop on the use of Radioisotopes in Biology' at Bhabha Atomic Research Centre, Trombay (October 16-27, 1989). He also attended "77th Indian Science Congress" held at Cochin University (February 4-9, 1990).

Dr. B. Kharbuli attended a DST Workshop for young scientists on "Insect- Plant Interactions" held at Entomology Research Institute Loyala College, Madras (January 22 - February 7, 1990).

Dr. A. Chatterjee attended Indo-German Binational Workshop on Molecular techniques in Genetics" at Banaras Hindu University, Varanasi (February 19-28, 1990).

Dr. S. B. Prasad visited Department of Zoology, BHU, Varanasi for three months in connection with the UGC visiting associateship.

## Extension Programmes/Symposia Organised :

**Refresher Course :** This department was selected by the University Grants Commission to conduct refresher courses in Zoology for the College/University teachers of the Eastern Region. Two such courses were conducted by the department during the year 1989-1990.

### 8. Visiting Professors/Fellows :

- (i) Dr. (Mrs) P. Michael Joined as a Visiting Fellow in the department on September, 1989, for one year.
- (ii) Dr. D. R. Thangkhiew and Dr. A. Gupta Lecturers, St. Edmund's College, Shillong assisted in conducting M. Sc courses in Fish Biology and Ecology as visiting part-time teachers.

### 9. Publications :

1. Datta, S. N. and Chatterjee, K. "Study of Meiotic Chromosomes for Four Hunding Spiders of North Eastern India", in ; Manna, G. K. and Sinha, U. (ed) *Perspectives in Cytology and Genetics Vol. 6* pp. 17-424 (1989).
2. Bhattacharjee, R. K. and Chatterjee, K. "Cermcell Cytology of *Three Species of Collembola*", in : Manna, G. K. and Sinha, U (ed) *Perspectives in Cytology and Benetics Vol. 6* pp 357-362 (1989).
3. Chatterjee, K. "Cytotaxonomic and Electrophoretic Investigations on Indian Air-breathing Fishes", in Das and Jhingram ( d) *Fish Genetics in India* pp. 83-99 Today & Tomorrow's Printers and Publishers, New Delhi, (1989).
4. Deb, M. K., Dey, S., Raghu Varma, A and George Michael, R. "Electromicroscopic study on the Lenticular observations due to prolonged starvation in *Heteropneustes fossilis* (Bloch)". *Vision Research* 29 : 1037-1039 (1990).
5. Saha, N. and Ratha, B. K. "A Comprative study of ureogenesis in freshwater airbreathing Feleostei". *J. Exp. Zool.* 252 : 1 - 8 (1989).
6. Chakravary, J., Sahe N., and Ratha, B. K. "A unique pattern of tissue distribution and sub-cellular localization of gilutamine synthetase in a freshwater air-breathing teleost, *Heteropneutes fossillis* (Bloch)". *Biochem. International* 19 : 519 -527 (1989).
7. Saha, N. and Ratha, B. K. "Alterations in the excretion pattern of ammonia and urea in a freshwater air-breathing teleost, *Heteropneustes fossills* (Bloch) during hyper ammonia stress. *Indian J-Exp-Biol* 28 : 597-599 (1990).
8. Yadav, A. K. and Tandon, V. "Nematode parasite infections of domestic pigs in a sub-tropical and high-rainfall area of India". *Veterinary Parasitology* 31 : 133 - 139 (1989).
9. Yadav, A. K. and Tandon, V. "Gastrointestinal nematode infections of goats in a subtropical and humid climatic zone of India. *Veterinary Parasitology* 33 : 135 - 142 (1989).
10. Yadav, A. K. Tandon, V and Roy, B. "Prevalence of nematode parasites of live-stock in some north-east states of India'. Fotedar Commemoration volume (supplement) - *Indian Journal of Helminthology* 41 : 55 - 60 (1989).
11. Roy, B. and Tandon, V. "Metacestodiasis in North-East India : A Study on th prevalence of Hydatidosis and Cysticercosis in Mizoram, Nagaland and Assam". *Indian Journal of Animal Health* 28 : 5 - 10 (1989).

12. Yadav, A. K. and Tandon, V. "Prevalence of nematode eggs in urban area of city Shillong, India - a public health problem". *Health and Hygiene* (London) 10 : 158-161 (1989).
13. Yadav, A. K. and Tandon, V. "Occurrence of *Setaria bernardi* in domestic pigs of Meghalaya : First record to India". *Journal of Veterinary Parasitology* 3 (2) (1989). in Press.
14. Roy, B. and Tandon, V. "Status of bovine fascioliasis in Meghalaya" *Indian Journal of Helminthology* 41 (2) (in press) (1989).
15. Yadav, A. K. and Tandon, V. "Nature of helminth parasitism of domestic fowl in a subtropical and high rainfall area of India". *Beitrag zur tropischen landwirtschaft and Veterinarmedizin*. (accepted).
16. Yadav, A. K. and Tandon, V. "Helminths of public health significance in domestic animals of Meghalaya. *Indian Journal of Animal Health* 28(2) 169 - 171 (1989).
17. Roy, B. and Tandon, V. "On a new trematode belonging to the genus *Velasquezotrema* Eduardo, 1987 from *Bos indicus*". *Zoologischer Anzeiger* 223 (5/6) (in press) (1989)
18. Roy, B. and Tandon, V. "Occurrence of *Orthocoelium dinniki* Eduardo, 1985 and *O. parvipapillatum* (Stiles et Goldberger, 1910). Eduardo, 1985 among Indian ruminants". *Indian Journal of Helminthology* N. S. (in Press) (1989).
19. Roy, B. and Tandon, V. "*Leiperocotyle meghalayensis* (Paramphistomidae : Orthocoelinae) a new species from cattle (*Bos indicus* L.) in India" *Zoologischer Anzeiger* (accepted).
20. Chakravarty, R. and Tandon, V. "On the present status of Caryophyllidea with a report of some caryophyllid infections in the freshwater catfish, *Clarias batrachus* (L) in north-east India and a record of an anomalous form". *Indian Journal of Helminthology* (N. S.) 5 (1) : 37-54 (1988).
21. Roy, B. and Tandon, V. "A Survey of gastrointestinal paramphistomes in beef cattle of some north-east Indian states". *Indian Journal of Parasitology* 13 (2) (1989).
22. Roy, B. and Tandon, V. "Stereoscan studies on the surface topography of *Olveria bovi*, parasitic in rumen of cattle". *Indian Journal of Parasitology* . 1(2) (1989). (in press).
23. Michael, R. G. and Sharma, B. K. Indian Cladocera (Crustacea : Branchiopoda : Cladocera). *Fauna of India and adjacent countries* series. Published by Zoological Survey of India, pp. 262 (1989).
24. Sharma, S. and Sharma, B. K. "Observations on the longevity, instar duration, fecundity, growth and embryonic development in *Simocephalu exsinosus* (Koch) (Cladocera : Daphniidae)". *Indian J. Anim. Sciences*, 59 : 1206 - 1210 (1989).
25. Sharma, B. K. "The genus *Testudinella* (Eurotatoria : Genesiotricha : Testudinellidae in North-Eastern India". *Hydrobiologia*. in press (1990).
26. Sharma B. K. "On the status and distribution of some new record of Freshwater Rotifers (Rotifera : Eurotatoria)". *India. Rec. Zool. Surv. India* (in press).
27. Sharma. B. K. and Sharma. S. "On the taxonomic status of some Cladoceran taxa (Crustacea : Cladocera) from central India". *R. V. Hydrobiol trop.* (in Press).

28. Prasad, S. B. "Effect of cisplatin on con Aagglutinability of different tymphoid cells of Swiss albino white rat". *Neoplasma* 36 : 171-177 (1989).
29. Kharbuli, B. and Varman, A. R. "Life cycle duration of *Pieris brassicae* (L) on different host plants". *Geobios* 16 : 139-140 (1989).
30. Kharbuli, B. Varman A. R. and Choudhury S "Impact of host plants on the food utilization of *Pieris brassicae* (L) *Geobios* 16 : 170-175 (1989).
31. Chatterjee, A Jacob-Raman, M and Mahapatra, B "Potentiation of bleomycin induced chromosomes observations by the radioprotector reduced glutathione". *Mutation Research* 214 : 207-213 (1989).
32. Basu Roy T., Chatterjee, A. Ali, Md., Midya, T. and Ghosal, S. K. "Genetic of spermatogenesis in *Mus boodenga*". "Perspectives in Cytology and Genetics" (eds. G. K. Manna & U Sinha)6 : 325-329 (1989).

**10. Study Tour/Field trips of Students :**

1. M. Sc. (4th semester) students visited State Fisheries Farm at Barapani to get information about composite Fish culture and to practice the technique of Induced Breeding in Fishes. The field trip was conducted by Dr. B. K. Sharma and Dr. D. R. Thangkhiew.
2. M. Sc. Limnology (Special Paper) students conducted field trips to Malse Reservoir, Upper Shillong and various water bodies in Shillong city to collect data of Limnological importance.
3. Department study tour was conducted (11.1.90 - 8.2.90) to the Andaman and Nicobar Islands. The tour party also visited different units and galleries of Zoological Survey of India. National Zoo at Alipore and Research Laboratories of Zoology Department, University of Calcutta.

**11. Thrust Area of Research: Environment Biology.**

**12. Research Project :**

1. Sub-cellular distribution, molecular structure, enzyme kinetics and regulation of Carbamyl phosphate synthetase isoenzymes in an ureogenic freshwater fish *Heteropneustis fossilis* (CSIR Project, since April, 1989).
2. Ecology, biology, nutritional value and culturable possibilities of some indigenous species of freshwater fish in North-Eastern Hill Region (D. O. En. Project, since December, 1989).
3. Experimental and Genetic Investigations of Developing Stages of certain Vertebrates (UGC Project, since May, 1989).
4. Studies on the cell surface of malignant and normal cells using cisplatin as a probe (UGC project).

**Research Programmes undertaken :**

1. Genetical analysis of isoenzymes from different tissues of fishes.
2. Cytotaxonomical studies on certain insects.
3. Physiology and biochemistry of ammonia metabolism and the potential of amino acid synthesis utilizing ammonia *in vivo* by freshwater air-breathing teleosts.
4. Species diversity and distribution of Zooplankton in Meghalaya (in Collaboration with ERS/ZSI, Shillong).

5. Limnology of Malse Reservoir, Upper Shillong.
  6. Biology and culture of selected species of cladocerans and hillstream fishes.
  7. Investigations on temporal changes in water quality and plankton ecology in selected ricefield ecosystems in Meghalaya state.
  8. Spectrum of helminth parasites in edible animals (freshwater fishes, poultry, pigs and ruminants) in North-East India.
  9. Helminth body surface as an important interface in the microenvironment offered by the host-its fine topography.
  10. Neurobiology of helminth parasites-topography of nervous and putative neuroendocrine components in digenea (paramphistomes in particular) and cariophallids.
  11. Ecophysiology of Insect-Plant interactions and Animal-Plant interactions in relation to Natural Products synthesised and stored in plants.
  12. Physiology, Histochemistry and Biochemistry of the insect cuticles, biology of mosquitoes and honey bees.
  13. Somatogenesis in Chick.
  14. Neural induction in Chick.
  15. Events in early development in fish (teleosts).
  16. To study mechanism of action of cisplatin on the malignant tumor and to evolve non-toxic chemotherapy against cancer.
13. **Any other remarks :**
1. UGC expert committee for granting special assistance visited the Department in December, 1989. The committee expressed satisfaction with the progress of the department. However, the decision of the UGC is yet to be received.
  2. Dr. N. Saha was presented with "ISCA Young Scientist Award" for the year 1990 by the Indian Science Congress Association.
  3. Dr. B. K. Sharma extended identification advisory service to various research workers from Bihar, Assam, Madhya Pradesh and Jammu and Kashmir for the study of Zooplankton samples to him.

## DEPARTMENT OF BIO-CHEMISTRY

1. **Name of the Department/Institution :** Bio-Chemistry Department.
2. **Introduction :**

This is the only department which gives P. G. training at M. Sc. level in the field of Biochemistry in the whole North-East India. The subject is discussed from a multidisciplinary angle, emphasizing understanding and not merely a formal coverage of the syllabus. Matters of practical interest are not overlooked e. g., the composition and nutritive value of Indian dietary items, diet in management of various diseases, collection and storage of biological fluids for analysis, the rationale of the various clinical chemistry test and their significance in diagnosis. This will eventually

produce skilled personnel and researchers in this field who will be able to render their services to the people of this region to improve the quality of life. This department is also undertaking research in the field of high altitude adaptations, Radiation molecular biology, Betel-nut carcinogenesis, Nitrogen-fixation, Enzymology, Medical Biochemistry and Immunology.

The department is relatively new. It started during 6th plan with first batch of M. Sc. admission in 1982-83.

3. **Name of the Head of the Department :** Prof. A. N. Rai.

4. **Faculty**

Name	Designation	Specialization
1. R. Lalthantluanga	Professor	Protein Chemistry.
2. A. N. Rai	Professor	Nitrogen-fixation.
3. M. Y. Khan	Reader	Enzymology
4. R. Sharma	Reader	Medical Biochemistry.
5. R. N. Sharan	Lecturer	Radiation Biology
6. Anis Alam	Lecturer	Immunology.

5. **Students Intake :**

	M.Sc.	M. Phil.	Ph. D.
Enrolment capacity	10	4	2
Actual admission under the heading.			
SC & ST/Gen.	4/6	1/3	1/1
Male/Female	5/5	4/*	1/1

6. **Courses conducted :**

**M. Phil.**

1. Biology Research Techniques
2. Biophysics, Physiological Chemistry
3. Cellular & Molecular Biology

**M. Sc.**

1. Mathematics and Biostatistics/General Biology.
2. Introduction, Biology Chemistry
3. Chemistry
4. Enzymology
5. Bioenergetic Pathways
6. Biochemical Techniques
7. Biosynthetic Pathways
8. Biophysical Techniques
9. Physiological chemistry and Medical Biochemistry
10. Molecular Biology
11. Microbiology and Genetics
12. Special paper : Nitrogen fixation/Protein Chemistry/Immunology/Radiation Biology.
- 13-16. 4 Practical Course, 1 per semester.

**7. Seminars/Conferences/Symposium/Extension Programme Organised and Attended:**

Organised : Nil.  
Attended : See below.

- (i) Prof. A. N. Rai attended National Symposium on Cyanobacterial Nitrogen-fixation held at New Delhi (January 1990).
- (ii) Dr. M. Y. Khan worked as "Visiting Fellow" in New York Medical College, New York, USA (14th September 1989 to 24th February 1990).
- (iii) Dr. R. Sharma had been to the Institute for Enzyme Research, Tokushima University, Japan as a visiting professor (July 1989 to March 1990).
- (iv) Dr. R. N. Sharan chaired a Scientific session in the 10th symposium on Microdosimentary, Rome (May 1989).
- (v) Dr. R. N. Sharan visited Institute of Medicine, KFA, Julich, West Germany from 2nd February 1990 to 6th March 1990 as a visiting scientist in a collaborative research programme.
- (vi) Dr. R. N. Sharan delivered an invited lecture in XIII All India Cell Biology conference and Cell Biology symposium, CCMB, Hyderabad (December 1989).

**8. Visiting Professors/Fellows :**

- (i) Prof. E. R. S. Talpasayi
- (ii) Prof. H. N. Singh.

**9. Publications :**

1. Rai A. N., Renstrom E. and Bergman B., Glycollate Metabolism in cyanobacteria II : Evidence for a mediated transport of glycollate in *Anabaena* 7120. *Physiol. Plant.*, 75 : 144-150. (1989).
2. Rai A. N., Borthakur M., Singh S. and Bergman B. *Anthroceros-Nostoc* symbiosis : Immunogold localization of nitrogenase, GS, PE and RuBISCo in the cyanobiont and free living *Nostoc* 7801, *J. en. Microbiol.* 135 : 385-395 (1989).
3. Rai A. N. and Bergman B. The *Nostoc-Nephroma* symbiosis : Localization distribution pattern and levels of key proteins involved in N&C metabolism of the cyanobiont. *Physiol. Plant*, 77 : 216-224. (1989).
4. Rai A. N. and Prakasham R. Characteristics of the methylammonium/ammonium transport system of the nitrogen-fixing cyanobacterium *Anabaena* 7210 (ATCC-27893). *Ind. J. Biochem. Biophys.* 26 : 219-226 (1989).
5. Rai A. N., cyanobacterial -fungal symbiosis : The Cyanolichens. in : Rai A. N. (Ed), Handbook of symbiotic Cyanobacteria. pp 9-41, CRC press, USA (1990).
6. Khan M. Y., Villanueva G. and Newman S. A. on the origin of the positive band in the far UV circular dichroic spectrum of fibronectin. *J. Biol. Chem.* 264 : 2139 - 2142 (1989).
7. Sarfraz A., Agarwal K. and Khan M. Y. Purification and some properties of buffalo spleen cathapsin B. *J. Bio. Sci.* 14 : 261-268 (1989).
8. Sharan R. N. Schreerveics F. H. A. and Feinendegen L. E. Poly-ADP- ribosylation of chromosomal proteins of human T1 cells. : Effects of gamma-radiation and cell maipulation. *E. SRB.* 22 : 55-63 (1989).

9. Sharma R., Intimations of Morality, Popular Article, 2001, 23 (2), 18-21 (1989).
  10. Alam A., Singh O. and Talwar P. Stability of an antifertility vaccine consist of gonadotropin sub unit linked to tetanus toxoid. *Vaccine*, 14 : 129-131 (1989).
  11. Upadhyay S. N., Alam A. and Talwar G. P. Functional morphology of testis and its excurrent ducts in rats immunized with synthetic LHRH-TT. *J. Reprod. Immunol*, 15 : 151-164 (1989).
  12. Talwar G. P., Singh O., Sharma N. C., Rao L. V. and Alam A. Antibody response and characteristics of antibodies in women immunized with three formulations of contraceptive vaccine inducing antibodies against human chorionic gonadotropin. *Fert & Steril.* 52 : 739-745 (1989).
  13. Radhika J., Chaudhari M. K., Singh O., Alam A. and Talwar G. P. Anti-HRH Vaccine causing atrophy of the prostate. *The Prostate.* 14 : 3-11 (1989).
  14. Bhuyan A. K., Lemtur A., Subramaniam J. and Lalthantluanga R. L. Conformation of bovine nitrosyl-hemoglobins : an ESR study. *Biochem et Biophysica Acta.* 997 : 36-40 (1989).
10. **Study Tour/Field Trips of Students :** Nil.
11. **Thrust Area of Research :**
- Nitrogen fixation
  - Enzymology
  - Protein chemistry
  - Medical Biochemistry
12. **Research Programme/Research Project :**  
(Under taken during the year under review)
- (i) "Biochemical Modification of the Cyanobiont in liverwort symbiosis and their use in photobiological production of ammonia" sponsored by DST.
  - (ii) "On the relevance of the use of cyanogen bromide fragments in the study of structure-function and relationship in proteins" sponsored by UGC.
  - (iii) "Localization, isolation and characterization of a new protein factor in response to tritium irradiation in mice" sponsored by UGC.
13. **Any other Remarks :**
- A. Doctoral Award : Mr. Kishore K. Wary was awarded doctorate on his thesis titled "Biochemical Aspects of Betel-nut Carcinogenesis" in the supervision of Dr. R. N. Sharan.
  - B. Mr. Raffel Schaffrath, Dept. of Microbiol, Univ. Munster, FRG, visited this department for research in the supervision of Dr. R. N. Sharan under a collaborative research programme for 3 months.

**DEPARTMENT OF GEOGRAPHY**  
**School of Environmental Sciences**  
**Shillong.**

1. **Name of the Department/Institution :** Department of Geography

2. **Introduction:**

The Department of Geography, School of Environmental Sciences, NEHU, Shillong was established in June, 1976. The department offers M. A./M.Sc. programme in geography and conducts research at M. Phil and Ph. D. levels. About 200 M. A./M. Sc. graduates, 40 M. Phil candidates and 15 Ph. D. candidates have been awarded degrees. The department conducts refresher courses, organised seminars and conferences from time to time. Moreover, there are a number of research projects taken up by faculty members, some of which have been completed and some are ongoing. Besides, various faculty members carry out their own research programmes and a number of books have been published by them and some are at various stages of publishing or compilation.

The year 1989-90 has been a very fruitful and productive year for the Department of Geography. 16 M.A./M. Sc. Post-graduate, 6 M. Phil and 2 Ph. D. degrees were awarded. Three books are under print. The department too identified the main thrust area of its graduate and research programme as 'The development geography with special reference to N. E. India' as a perspective for 8th & 9th Five Year Plans. The department too has under taken the revision of course structures at under Graduate, M.A./M.Sc. and M. Phil levels. Moreover, in eight of its identified thrust area at the department has decided to offer a professional M. Plan (Urban/Regional) Course at the Post M. A./M. Sc. level to cater to the growing demand of planning professionals in the region, to which the University charter provide for specific responsibility in the Acts. 4 of the NEHU Act 1973. The programme shall be operational from 1991-92 and the detailed structure of the course and logistics are being worked out.

3. **Name of the Head of the Department/Institution:** Dr. A. C. Mohapatra, Reader.

4. **Faculty position in order of seniority :**

Name	Designation	Specialisation
(1) Prof. R. K. Rai	Professor	Geomorphology.
(2) Dr. A. C. Mohapatra	Reader	Regional Dev. & Regional Planning, Urban Geography, Environmental Geography, Quantitative Geography.
(3) Dr. R. Gopalakrishnan	Reader	Political Geography.
(4) Dr. S. Singh	Reader	Area Planning & Rural Dev.
(5) Dr. (Mrs) S. Chakraborti	Reader	Urban Geography & Regional Planning.
(6) Dr. Ali Ahmad	Lecturer	Historical Geography & Social Geography.
(7) Mr. P. G. Momin	Lecturer	Climatology & Bio-geography.
(8) Mr. B. S. Butola	Lecturer	Economic Geography.

- (9) Mr. D. K. Nayak (On study leave). Lecturer Social Geography.
- (10) Dr. B. S. Mipun Lecturer Agricultural Geography & Remote sensing.
- (11) Mr. H. J. Syiemlieh (On leave vacancy). Lecturer Geomorphology.

5. Student Intake :

	Seats
(i) (a) M.A./M. Sc. in Geography	25
(b) M. Phil.	15
(c) Ph. D.	10

(ii) Actual Intake & break up :

		ST/SC	General	Male	Female
(a) M.A./M.Sc.	25	14	11	11	14
(b) M. Phil.	10	4	6	5	5
(c) Ph. D.	4	2	2	6	0

6. Courses Conducted :

M. A./M. Sc.	GE 101	—	Geomorphology & Hydrology
	GE 102	—	Climatology & Ecology
	GE 103	—	Regional Geography of India.
	GE 104	—	Mathematical & Statistical Methods.
	GE 105	—	Cartography
	GE 106	—	Nature of Geography & Contemporary Trends in Geography.
	GE 107	—	Economic Geography
	GE 108	—	Population & Settlement geography
	GE 109	—	World weso-regions (2 optionals).
	GE 110	—	Cartographic techniques
	GE 111	—	Regional Development and Regional Planning in India.
	GE 112	—	Social Geography
	GE 113	—	Geography of N. E. India.
	GE 114	—	Surveying, Aerial Photo-interpretation & Remote sensing.
	GE 115	—	Project.

Optionals (IV Sem.) (Any three of the following) :

GE	Political Geography
GE	Historical Geography
GE	Micro-level planning.

- |                 |        |        |   |
|-----------------|--------|--------|---|
|                 | GE 119 | —      | Urban Geography   |
|                 | GE 120 | —      | Agricultural Geography  |
|                 | GE     |        | Advanced Geomorphology  |
|                 | GE     |        | Applied Climatology   |
| <b>M. Phil.</b> |        |        |   |
|                 | 1.     | GE 229 | — Methodology Research Methods in Geography (new course).           |
|                 | 2.     | GE 225 | — Regionalism in Indian Federalism.                                 |
|                 | 3.     | GE 224 | — Historical Geography with special reference to N. E. India.       |
|                 | 4.     | GE 230 | — Evolution of Landforms in N. E. India.                            |
|                 | 5.     | GE 220 | — Settlement systems and integrated area development. (New Course). |

7. Seminars/Conferences etc.

The department conducted for the first time a two week long refresher courses for candidates appearing in CSIR - UGC NET in December 1989. (Also see Annexure - B).

8. Visiting Professor/Fellows : None.

9. Publications : (Faculty member wise) separately attached.

10. (a) Study tour/field tour : M. A./S.Sc. III Semester students visited the U. P. Himalayas in July 1989 in connection with a study of the evolution of the Himalayas.
- (b) M.S./M. Sc. IV Semester did field work in connection with their project work in Nartiang area of Jaintia Hills for 10 days in October 1989.
- (c) M. S. II Semester students went on field work to Andamans Islands and then in study tour to Madras/Bangalore in January 1990.

11. Thrust Area of Research : The department has identified 'Development geography with special reference to North East India' as its main thrust area of research and studies for the 8th and 9th Five Year Plans as a perspective for the department.

12. Research Programme/Research Project :

- (1) Dr. A. C. Mohapatra : 'Parametric assessment of certain areas of Umiam Watershed' : Sponsored by Deptt. of Science & Technology, Govt. of Meghalaya.

13. Any other remarks :

The department with a view to reinforcing its various teaching and research programmes has introduced a number of academic innovations which are listed as follows :

- (a) Departmental research projects to be carried out by a teams of faculty members within a time frame of one year to encourage team research as well as these projects (pilot studies) can become basis of formulating larger detailed research projects.
- (b) A faculty seminar scheme was introduced, to enable interaction between faculty members. Each faculty member is required to give one research seminar per semester in his own field of specialisation.

- (e) The Department constituted a Research Committee of all eligible supervisors to scrutinise all research proposals at M. Phil, Ph. D. and post-doctoral levels and research projects and provides guidelines to the department for the direction and areas of research which the department may desire to conduct.

#### ANNEXURE - A'

1. Dr. R. K. Rai  
Professor

##### Papers Published :

- (1) "History of Geomorphology in India", *Transactions Japanese Geomorphological Union*, Vol. 10 B, May 1990.
- (2) "Occupational Structure in North-East India, 1961-81" in *Tribal Eco-System and Malnutrition in India*, North India publishers New Delhi, 1989
- (3) "Land Resources in North-Eastern Region. Some observations about Mizoram and Nagaland" in *Wastelands : Proper Utilization in India*, Concept Publishing Co. New Delhi 1989.
- (4) "Karst topograph and Tourism in Meghalaya, Published in *Impact of tourism on Mountain Environment*. Research India Publications, Meerut.

2. Dr. A. C. Mohapatra (Reader)  
Papers :

1. Mohapatra, A. C. "Skill Formation in North-East India"
2. —Do— "Determinants of Regional disparities in levels of literacy in North East India : Planning strategies for removal of disparities".
3. —Do— "Regionalism and Nationalism".
4. —Do— "Locational Pattern of Markets in Pre and Early British Period in North East India".
5. —Do— "Shifting Cultivation and Land Distribution in Meghalaya".
6. —Do— "Vehicular Explosion and Air Pollution in the city of Shillong".
7. Mahapatra, A. C. & "Analysis of Soil Rating Indices in West Khasi Hills District of Meghalaya", *Indian Journal of Regional Science*, Vol. xxi, No. 2, 1989 pp.
8. —Do— "Landscape Approach to Land Classification & Study of a river basin of Meghalaya".
9. —Do— "Environmental Planning for a Hill District : West Khasi Hills, Meghalaya."
10. —Do— "Land Classification for Environmental Management in Two river basins of Meghalaya"
11. —Do— "Pedogenesis and Soil classes : a study of selected soil profiles in West Khasi Hills District of Meghalaya .

3. Dr. R. Gopalakrishnan

**Papers :**

"Geography and Regional Crisis in India" *Indian Political Science Review*, Aligarh.

"Afghanistan's foreign pattern and Problems" *Indian Quarterly*, Vol. XLIV (3 & 4).

*Geography of Meghalaya*, Rajesh Publication, March 1990.

4. Dr. Surendra Singh, Reader

**Papers :**

**Book :**

'*Integrated Area Development and Planning*' Shree Publishing House, New-Delhi, Jan. 1990.

5. **Papers :**

Chakraborti, S.

"Population Dynamics, Migration and Economic Development in Darjeeling Dist"., Publ. by *N.B.U.* 1989.

—Do—

"Tea Plantation, the Dominant Determinant of Land-use Pattern of Darjeeling District, best with growth constraints". pub. by *Rajshahi University, Bangladesh*, 1989.

6. Mr. B. S. Butola

Lecturer :

**Papers :**

1. 'Social Origin and Function of Information' in *Social Science Information Problem and Prospects*, J. C. Binwal, ed, et. al Delhi, VIKAS, 1990.

2. 'Population Dynamics and Socio-Economic Development in North Eastern India', *Centre for Adult and Continuing Education NEHU*, 1989.

#### ANNEXURE - B'

#### Seminar/Conference/Workshop attended by

1. Dr. R. K. Rai, Professor

(1) Project Work Monitoring Workshop for Himalayan Region integrated Eco-development Research and extension programme attended on 22nd and 23rd June 1989 at Kumaun University, Nainital and presented progress report of the project entitled: Geomorphic study of Limestone topography around Cherrapunjee, Meghalaya.

(2) Attended Second International Conference on Geomorphology at Frankfurt (West Germany) from 3-9 September 1989 and presented two papers in the Conference.

(3) Attended "Aerospace Survey and Natural Disaster Reduction" Symposium 14-16 September 1989 at ITC. Enschede, the Netherlands.

(4) Attended International Conference on Environmental Education, October 3-7, 1989 at Panjim -Goa.

(5) Attended second conference of the Institute of Indian Geomorphologists 2-4 November 1989 at Department of Geography, University of Rajasthan, Jaipur and presented two papers.

(6) Attended National Seminar on Applied Geography 14-17 Nov, 1989 at National Atlas & Thematic Mapping Organisation, Calcutta.

**Seminar/Conferences attended by Faculty members :**

II. Dr. A. C. Mohapatra, Reader

- (1) National Workshop on Economic of Education, NIEPA, New Delhi July 21-23, 1989 (Invited).
- (2) National Seminar on Regional Disparities in Educational Development, NIEPA, New Delhi Sept. 25-27, 1989 (Invited).
- (3) 11th NAGI Conference, Department of Geography, Delhi School of Economics, DV, Delhi, Oct. 3-5, 1989 (Paper presented).
- (4) 10th Annual Conference of NEIHA, NEHU Shillong Oct. 14-17, 1989 (paper presentation).
- (5) Seminar on Land Relations in N. E. India, NIRD - NE Centre, Guwahati, March 22 - 24, 90 (Invited).
- (6) Seminar on Environmental Pollution in Meghalaya, Centre for Distance Education, NEHU, Shillong March 29-30, 1990 (Invited).

Dr. Mrs. Sukla Chakraborti.  
Reader :

**List of Seminars attended :**

1. Invited as delegate in the National Conference at Rajshahi University, Bangladesh, on 2-5 April '89.
2. National Seminar (U. G. C.) on Environmental Degradation and Developmental Strategies in India held on 12-14th May '89 at the University of North Bengal, Dis. Darjeeling.
3. International Seminar on Asian Urban Environment; Issues and Challenges on 3-6 March 1990 at Banaras Hindu University, Varanasi, U. P. Participated actively, acted as co-chairman in one technical session and contributed a paper on "Urban Environment and Tourism".

**DEPARTMENT OF GEOLOGY**

**Nagaland Campus**

1. **Name of the Department / Institution:** Geology

2. **Introduction :** The department of Geology, the only Science Department of NEHU located at Kohima, was established in September, 1983. It caters to the need of Nagaland, Meghalaya and Mizoram as far as geological education under NEHU is concerned. The department has also students from other states on its roll.

3. **Name of the Head of Department :** Dr. R. N. Sarmah.

4. **Faculty position :**

Name	Designation	Specialisation
1. Dr. R. P. Kachhara	Reader	Stratigraphy & Palaeontology.
2. Dr. R. N. Sarmah	Reader & Head	Sedimentology

- |                      |                   |   |
|----------------------|-------------------|---|
| 3. Dr. N. Pandey     | Lecturer          | Sedimentology                                       |
| 4. Dr. Rajiv Sharma  | Lecturer          | Sedimentology and Geomorphology.                    |
| 5. Shri B. L. Sharma | Lecturer (Adhoc.) | Metamorphic Petrology and Tectonics & Geochemistry. |
| 6. Shri Rudra Baruah | Lecturer (Adhoc.) |   |

5. **Students intake**

- (a) Enrolment capacity : 10  
 (b) Actual Admission :

M.Sc. (1989, May) SC—Nil ST—8 Genl.—2 (M: 1 :: F : 1) (M : 4 ; F : 4).

Ph. D. (Provisionally registered in March '88 ; SC- Nil, ST -1, Genl. -1  
 Final registration under process).

6. **Courses conducted : M. Sc.**

7. **Seminar / Conferences / Symposia / Extension Programmes Organised and attended :**

**ANNEXURE - I**

1. Dr. R. P. Kachhara : Attended seminar on Tectonics and Metallogeny of Ophiolites and recent advances in Geology of the North-eastern India (March 3-6, 1990), organised by the Department of Earth Sciences, Manipur University, Imphal.
2. Dr. N. Pandey : Attended on UGC sponsored short-term course at the Indian School of Mines, Dhanbad (Oct., 1989).
3. Dr. Rajiv Sharma : 1) Attended Seminar on "Tectonics and Metallogeny of Ophiolites and recent advances in Geology of the north-eastern India (March 3-6, 1990), organised by the Department of Earth Sciences, Manipur University, Imphal.  
 2) Attended symposium on Indian Remote sensing Satellite, I. R. S. I., conducted by Indian Space Research Organisation and Directorate of Geology and Mining, Nagaland.

8. **Publications :**

**ANNEXURE - II**

1. Dr. R. P. Kachhara, Reader :
  - 1) Kachhara, R. P. and Singh, H. P. "Seismic gap in North-Eastern region and its relation to tectonics of the area" (Accepted for publication).
2. Dr. R. N. Sarmah, Reader & Head.
  - 1) Sarmah, R. N. "A quantitative study of zircon and tourmaline from the Disang and Barail sediments, Kohima, Nagaland." *J. Assam. Sci. Soc.*, 31 (3) : 21-27 (June, 1989).

- 2) Sarmah, R. N. "Clay minerals in Disang-Barail Groups of sediments from Kohima, Nagaland". *Bull. Ind. Geol. Assoc.*, 22 (2) : 107-111 (December, 1989).
3. Dr. Rajiv Sharma, Lecturer      1) Sharma, Rajiv, "Morphostatistical analysis of the Dhansiri river basin, North-Eastern India." In : *Geology of North-Eastern Himalayas*. Eds. P. K. Verma and T. Katoki (Accepted for publication, July, 1989).
4. B. L. Sharma, Lecturer      1) Sharma, B. L. and Rathore, B. S. "Geology and potentiality of the clay deposits of Torda-Khariwara, Distt. Jaipur, Rajasthan". *Proceedings of National Seminar on I.M.R.R.* (December, 1989).
- 2) Rathore, B. S. and Sharma, B. L. "An appraisal of the soap-stone deposits of Dogeta-Jharna, Near Dausa, Distt. Jaipur, Rajasthan". *Proceedings of National Seminar on I. M. R. R.* : 32-36 (December, 1989).

9. Study Tour / Field Trips of students:

ANNEXURE - III

- Semester - I & II : Period : 19-12-89 to 5-1-90.  
 Teacher in-charge : Dr. Rajiv Sharma  
 Places visited : Dehradun, Rishikesh, Mehand, Mossoree, Delhi.
- Semester - III : Period : 1.5.89 to 17.5.89.  
 Teacher in-charge : Dr. R. N. Sarma & Dr. N. Pandey.  
 Places visited : Pfulsero, Changki, Medziphema and the Ophiolite Belt (all in Nagaland).
- Semester - IV : Period : 7-10-89 to 28-10-89.  
 Teacher in-charge : Dr. R. P. Kachhara  
 Places visited : Khetri, Neem-Ka-Thana, Phulera, Ajmer, Bhilwara, Udaipur (all in Rajasthan).

10. Research Programme / Research Project, under taken :

ANNEXURE - IV.

1. Dr. R. N. Sarmah, Reader & Head : 1) Diagenetic evolution of Disang sediments of Nagaland.  
 2) Geochemistry of Tertiary sediments of Kohima district, Nagaland.
2. Dr. N. Pandey, Lecturer : 1) Petrofacies and Petrologic evolution of Tertiary sediments Mokokchung and Wokha District, Nagaland.

- 2) A comparative study of sediments associated with Ophiolite belt of Nagaland and Andaman-Nicobar Islands.
  - 3) Study of Gold mineralization at the base of Gandhamardan hill, Keojhar, district, Orissa.
3. Dr. Rajiv Sharma, Lecturer :
- 1) Lameta Group of Rocks, with special reference to the chemistry of green sands.
  - 2) Erosion potential of the rocks in Naga hills region.
  - 3) Molasse sediments in Naga hills and their mode of deposition and provenance.
  - 4) Ground water potential of various regions in Naga hills with the help of satellite imageries. This includes the location of the ground water zones and production of hydromorphic map of the area.
  - 5) Location of suitable places for water bearing structures in Naga hills for proper water Management.
4. B. L. Sharma, Lecturer :
- 1) Working for the degree of Ph.D. vide University of Rajasthan, Jaipur, registration No. RS/253/86 dated 16.06.87 on the problem entitled "Petrochemistry and tectonics of the Archaean gneisses and associated rocks around Jagat, South-East of Udaipur, Rajasthan" Under Prof. B. L. Sharma, Deptt., of Geology, Udaipur, Rajasthan (Thesis to be submitted very soon).
  - 2) Worked as S. R. F. in the UGC project entitled "Tectonic and Stratigraphic relations of the pre-cambrian rocks around Udaipur, Rajasthan". Under Prof. A. B. Roy (FNA), Prof. and Head, Department of Geology, Sukhadia University, Udaipur (Rajasthan) (From March, 1989 to February, 1990).

## DEPARTMENT OF CHEMISTRY

1. Name of Department / Institution : Chemistry
2. Introduction :

The department of Chemistry has entered in its fourteenth year and the most important event of the year was the election of Professor H. Junjappa as a Fellow of Indian National Science Academy (FNA). Dr. Junjappa received this national recognition for his significant contributions to the field of Synthetic organic Chemistry. He has developed a new class of synthetic intermediates called 'Oxoketene dithioacetals' as versatile synthons for heterocyclic and carbocyclic compounds and published nearly 100 research papers in international journals from NEHU.

The department organized two refresher courses each of three weeks duration (July and November 1989) for college teachers of eastern region in collaboration with Academic Staff College. Dr. R. K. Poddar, course coordinator, has successfully conducted this programme which was highly appreciated by the participating college teachers. Professor D. Nasipuri (IICB, Calcutta), Professor Amareshwar Chatterjee (Jadavpur University) and Dr. O. K. Medhi (Gauhati University) participated in the refresher course as external resource persons and gave series of lectures.

Two new instruments i.e. Heraeus C. H. N. O, elemental analyser and EM 3601 HNMR Spectrometer purchased under COSSIST programme were installed and started functioning.

3. **Name of the Head of Department :** Prof. (Mrs.) H. Ila.

4. **Faculty positions** in order of seniority with numerical numbers as serial under the following headings :

Name	Designation	Specialisation
1. Dr. H. Junjappa	Professor	Organic Chemistry
2. Dr. T. S. B. Narasaraju	Professor	Physical Chemistry
3. Dr. (Mrs.) H. Ila	Professor & Head	Organic Chemistry
4. Dr. S. N. Bhat	Professor	Physical Chemistry
5. Dr. M. K. Chaudhuri	Professor	Inorganic Chemistry
6. Dr. M. P. Mahajan (On leave)	Reader	Organic Chemistry
7. Dr. M. K. Mahanti	Reader	Physical Chemistry
8. Dr. R. K. Poddar	Reader	Inorganic Chemistry.
9. Dr. S. N. Rai	Reader	Theoretical Chemistry
10. Dr. K. Ismail	Reader	Physical Chemistry.
11. Dr. K. K. Dwivedi	Reader	Inorganic Chemistry.
12. Dr. B. Myrboh	Lecturer	Organic Chemistry.
13. Dr. S. Aravamudhan	Lecturer	Physical Chemistry
14. Dr. S. Goswami	Lecturer	Inorganic Chemistry
15. Dr. H. S. P. Rao (on leave)	Lecturer	Organic Chemistry
16. Dr. Z. Hiese	Lecturer	Inorganic Chemistry

5. **Student Intake :**

(i) **M. Sc.**

(a) **Enrolment capacity :** 20 :

(b) **Actual Admission under the heading :** 16 :

	General	ST	Male	Female
	15	1	7	9

(ii) **M. Phil Nil.**

(iii) **Ph. D.**

1. **Mr. Venkateshwarlu (UGC/CSIR/NET Fellow).**
2. **Mr. Jolly Raju (UGC/CSIR/NET Fellow)**
3. **Mr. Sanjeev Sharma (Teacher Fellow).**

## 6. Courses conducted (Titles only)

### M. Sc.

1. Chem — 401 Inorganic Chemistry - I
2. Chem — 421 Organic Chemistry - I
3. Chem — 441 Quantur Chemistry
4. Chem — 442 Laboratory course in Physical Chemistry.
5. Chem — 402 Inorganic Chemistry - II
6. Chem — 443 Physical Chemistry - I
7. Chem — 444 Chemical Binding and Specroscopy
8. Chem — 422 Laboratory course in Organic Chemistry.
9. Chem — 423 Organic Chemistry - II
10. Chem — 445 Physical Chemistry - II
11. Chem — 446 Application of Spectroscopic Methods (Inorganic and Organic).
12. Chem — 403 Laboratory course in Inorganic Chemistry.
13. Chem — 501 Inorganic Chemistry - III
14. Chem — 502 Inorganic Chemistry - IV
15. Chem — 601 Project work (Inorganic)
16. Chem — 521 Organic Chemistry - III
17. Chem — 522 Organic Chemistry - IV
18. Chem — 621 Project work (Organic)
19. Chem — 541 Physical Chemistry - III
20. Chem — 542 Physical Chemistry - IV
21. Chem — 641 Project work (Physical)

### Ph. D.

1. German Language course (University level).
2. Highlights in Organic Chemistry.
3. Chem - 642 : Selected topics in Physical Chemistry.
4. Medicinal Chemistry.

## 7. Seminars/Conference/Symposia/Extension Programme organized/attended :

### (a) Seminars/Conference/Symposia attended :

Sl. No.	Name	Conference	Place/Date	Title of Talk
1.	Prof H. Junjappa	National Symposia on 'Recent Trends in Hetertocyclic Chemistry'.	27-29th Oct., 1989 Indian Institute of Chemical Technology, Hyderabad.	'Oxoketene Dithioacetal as Versatile Synthons for Heterocyclic compounds (Invited lecture).
2.	Prof. H. Junjappa	Pre-IUPAC Symposium on 'Synthesis of Natural Products'.	31 Jan. - 2 Feb., '90. Indian Institute of Chemical Biology, Jadavpur.	Aromatic Annellation via - Oxoketen Dithioacetals (Invited lecture).

- |    |                        |   |   |  |
|----|------------------------|---|---|--|
| 3. | Prof. (Mrs.) H. Ila.   | Post - IUPAC Symposium on 'Synthesis of Natural Products'.    | 13-14th Feb., '90. Indian Institute of Science, Bangalore.              | Oxoketene Dithioacetals as Versatile Synthons for 1, 3 to 1, 11 Carbonyl transportation : A New Polyene Synthesis (Invited lecture). |
| 4. | Prof. (Mrs) H. Ila     | National Symposium on 'Recent Trends in Organic Chemistry'.   | 13-14th March, '90 Department of Chemistry Kalyani University, Kalyani. | Cartionic Ring Opening of -Bis (methylthio) methylene Cyclopropyl Ketones (invited lecture).   |
| 5. | Prof. S. N. Bhat       | National Conference on 'Recent Trends in Physical Chemistry'. | August, 1989 Jadavpur University, Calcutta.                             | Recent Development in the studies of Weak Interactions (Invited lecture).  |
| 6. | Prof. M. K. Chaudhuri. | National Symposium on 'Modern Trends in Inorganic Chemistry'. | Tata Institute of Fundamental Research, Bombay. Nov., 1989.             | 'New Manifestations of Reactivity of Coordinated Peroxide at Metal and Non-Metal Centres' (Invited lecture).                         |
| 7. | Dr. M. K. Mohanty.     | 'Sixth European Symposium on Organic Chemistry'.              | September, 1989 Belgrade, Yugoslavia.                                   | 'Kinetics of Oxidation of N-Alkyl Side Chains of Aromatic Amines by Alkaline Potassium Hexacyanoferrate (III) (Invited lecture).     |
| 8. | Dr. S. N. Rai          | 'Symposium on Vibrationally High excited States'.             | 7-9th March, 1989 Institute for Molecular Science, Okazaka, Japan.      | Attended.  |

Besides the above conference/Seminars, Dr. Mohanty visited many Institutes/Universities in Europe in September, 1989 and gave invited lectures at Central Research Institute for Chemistry, Budapest, Hungary, University of Veszprem, Veszprem, Hungary, Institute for Organische Chemie, Vienna, Austria, University of Pisa, Pisa, Italy, University of Rome, Rome, Italy, Technische Universtat Munchen, Mucich (FRG). Dr. S. N. Rai during his visit to the Institute for Molecular Science, Okazaka, Japan, gave an invited talk on "Dissociation Dynamics of Triatomic Molecules" at Pusan National University, Pusan, South Korea. Prof. M. K. Chaudhuri gave an invited lecture on 'Fluoroelement Chemistry and its Prospects' at the Department of Chemistry, M. S. University of Baroda, Vadodara.

#### 8 Visiting Professors/Fellows :

Sl. No.	Name of the Speaker	Topic	Date
1.	Prof. D. V. S. Jain Deptt. of Chemistry, Punjab University.	Reactivity of Tetrahalomethane	17.5.89

- |    |   |  |                               |
|----|---|--|-------------------------------|
| 2. | Prof. L. T. Chadderton<br>Chief CSIRO, Division of Chemical<br>Physics and Professor at Research<br>School of Physical Sciences, Aus-<br>tralian National University,<br>Canberra, Australia. | (i) Wave - Particle duality or<br>Paradox Region                           | 23.5.89                       |
|    |   | (ii) Moon quakes   | 25.5.89                       |
| 3. | Prof. S. Mahadevappa<br>Chemistry Department, Mysore<br>University, Mysore.   | Application of Flow<br>Injection Analysis.                                 | 27.5.89                       |
| 4. | Prof. N. N. Das<br>Deptt. of Chemistry, Dibrugarh<br>University, Dibrugarh.   | Introduction of Polymer<br>Radicals with complexes.                        | 17.6.89                       |
| 5. | Dr. R. H. Duncan<br>ISOS & Biophysics NEHU,<br>Shillong.  | The Molecular Basis of Cancer  | 7.9.89                        |
| 6. | Prof. G. S. R. Subbarao, FNA<br>Indian Institute of Science,<br>Bangalore.  | (i) Total Synthesis of Morrelin<br>(ii) Synthetic Strategies for Steroids. | 25-26th.<br>October,<br>1989. |

### 9. List of Publications :

- Purkayastha, M. L., Ila, H. and Junjappa, H. "Regioselective Synthesis of 5-Alkylthio and 3-Alkylthioxazolones from Alkylketene Dithioacetals" *Synthesis* 20-24 (1987).
- Gupta, A. K., Chakrasali, R. T. Ila, H. and Junjappa H. "Reaction of polarized ketenes S. N-Acetals with Bromoacetaldehyde Diethylacetal: Synthesis of 1-Substituted 3-Acyl and 3-Nitro-2-methylthiopyrroles and 1,2-Annulated 3-Acylpyrroles" *Synthesis* 141-142 (1989).
- Thomas, A, Singh, G, Ila, H. and Junjappa, H. "Attempted Simmons Smith Reaction on Oxoketene Dithioacetal: A new General Route to 3,4-substituted and Annulated Thiophenes" *Tetrahedron Letters* 30, 3093-3096 (1989).
- Dutta, A., Pooranchand, D, Ila, H, and Junjappa, H. "Darzen's Reaction on oxoketene Dithioacetals: A new Versatile Synthesis of substituted and Annulated Furan-2-carboxylates" *Tetrahedron* 35, 7631-7640 (1989).
- Gupta, A. K, Ila, H. and Junjappa H. "Studies on Diels-Alder Cycloadditions of Vinylketene Dithioacetals". *Tetrahedron* 45, 1509-1516 (1989).
- Bhat, S. N. and Shedbalkar V. P. "First Experimental Evidence for the existence of Blue shifted Iodine Bond. The  $3n-1+$  Transition. A anecdote": *Proc. Ind. Acad (Chem. Sc.)* 101, 89 (1989).
- Gupta, K. and Bhat, S. N. "Solvent affects on Molecular Electronic Spectra. The Example: Mesityl Oxide". *Ind. Chem*, 28A 787 (1989).
- Shedbalhar, V. P, Choudhury, A. and Bhat, S. N. "Conductometric Study of Charge-Transfer Complexes" *Ind. J. Chem.* 29A, 171 (1990).
- Bhattacharjee, C. R. and Chaudhuri, M. K. "New Developments in the Chemistry of Metal-Acetylacetonate Complexes" *Proc. Ind. Natn. Sc. Acad.* 55, 194 (1989).
- Bhattacharjee, M. N. and Chaudhuri, M. K. "Pyridinium Fluorochromates (VI),  $C_5H_5NH CrO_3-F$  (PFC)". *Inorg. Syntheses* 27, 310 (1989).
- Bhattacharjee M. N. and Chaudhuri M. K. "Dipotassium Trifluoromonosulphatomanganate (III)". *Inorg. Syntheses.* 27, 312, 1989.

12. Bhattacharjee C. R., Chaudhuri M. K. and Purhayastha R. N. D. "New Heteroligand Peroxothorates (IV) of the type  $A_2/Th(0;2)-F_2(OH)_2 \cdot nH_2O$ . ( $A=NH_4$ ,  $n=3$ ,  $A=Naor K$ ,  $n=1$ ) and Molecular PeroxothoriumIV Complexes of the Type  $/Th_2(O_2)_3=L(H_2O)_4/5H_2O$  ( $L=SO_4$  or  $SO_4$ ). *Inorg. Chem. Acta* 160, 147, 1989.
13. Bhattacharjee M. N., Chaudhuri M. K. and Purkayastha R. N. D. "On Fluoride assisted stabilisation of Manganese (III) in Aqueous Medium. A General Approach to the Synthesis of Mixed-Fluoro complexes of Manganese (III)" *Inorg. Chem.*, 28, 3747 (1989).
14. Chaudhuri M. K., Islam N. S., Khathing D. T. and Shylla V. G. "Direct Synthesis and Electron-ionisation Positive-ion Mass Spectrum of Tatrakis (actylacetato) cerium (IV),  $Ce(c_5H_7O_2)_4$ " *Rapid Commun. Mass Spectrom.*, 3, 310 (1989).
15. Bhattacharjee M., Chaudhuri M. K., Islam N. S. and Paul P. C. "Synthesis, Characterisation and Physicochemical properties of Peroxovanadium (V) Complexes with Glycine as the Heteroligand". *Inorg. Chim. Acta* (in press) (1989).
16. Baruah, P. D., Nongkynrih, I. and Mahajan, M. P. "Diel's Alder Cycloaddition Reaction of Enaminothrones with Ethyl Azodicarboxylate". *Synthesis* 631 C (1989).
17. D. Laloo and M. K. Mahanti "Kinetics of Oxidation of Amino Acids by Alkaline Hexacyanoferrate (III)". *J. Chem. Soc. Dalton Transactions*. 311 (1990).
18. Sarma U. C., Paul B. C. and Poddar R. K. "Convenient Synthesis of Hexalos Dimethylsulphoxide Ruthenium (III) and Tetrahalogeno bis Dimethylsulphoxide Ruthenate (III), *Ind. J. Chem.* 29A. 000 (1990).
19. Sarma U. C., Sarker S. C., Paul B. C. and Poddar R. K. "Novel Synthesis of  $Ru(phen)_2 Br_2 X$  ( $X=4Br, ClO_4$  or  $BPh_4$ ) and Convenient Synthesis of bis (2,2'-bipyridine) Complexes of Ruthenium (III) and tris (2,2'-bipyridine) or (1,10-Phenanthroline) Complexes of Ruthenium (III) *Inorg. Chim. Acta*, 000 (1990).
20. R. J. Buenkar, D. B. Knowles, S. N. Rai, G. Hirsch, K. Bhanuprakash and J. R. Alvarezcollade "Use of Perturbative Corrections in MRD-CI treatments and Comparison with full CI Bench Mark results". *Studies in Physical and Theoretical Chemistry*, 62, 181 (1989).
21. R. L. Gupta and K. Ismail "Electrical conductance of a mixture of Sodium and potassium Nitrates in Aqueous Medium". *Can. J. Chem.* 000 (1989).
22. S. S. Islam and K. Ismail. "Electrical conductance of  $0.3/x NaSCN+(1-x) KSCN/+0.7 Na_2S_2O_3 \cdot 5H_2O$  Meets". *J. Chem. Eng. Data*, 000 (1989).
23. Saxena A., Dwivedi K. K., Reichwein E. and Fiedler G. "Energy Loss Measurement of  $^{132}Xe$  in lead by Nuclear Track Technique". *Nucl. Instru. Meth. Phys. Res.*, B, 36, 276-281 (1989).
24. Jain R. K., Bose S. K. and Dwivedi K. K. "Measurement of Heavy Ion Range in Complex Medium Using a Solid State Nuclear Track Detector". *J. Phys. D: Appl. Phys.*, 22, 1025-1028 (1989).
25. Ghosh S., Saxena A. and Dwivedi K. K. "Range and Energy loss of 16.34 Mev/ $U^{238}$  in Kapton Polyamide". *Rad. effect and Defects in Solids*, 112, 149-154 (1990).

26. Raju J. Ghosh S, Saxena A and Dwivedi K. K. "Calibration of CR-39 and Znp Glass detectors with  $^{90}\text{Zr}$  ions, *G. S. I. Sc. Rep.*, 89-1 252 (1989).
27. Raju J. Ghosh S, Saxena A, and Dwivedi K. K. "Interaction of 350 Mev  $^{90}\text{Zr}$  ions with Polycarbonate Track Detectors". *G. S. I. Sc. Rep.*, 89-1 253 (1989).
28. Saxena A, and Dwivedi K. K. "Mean Ranges of 1.678 GeV  $^{93}\text{Nb}$  in Ni and Ta" *G. S. I. Sc. Rep.*, 89-1, 254 (1987).
29. F. Mathew, B. Myrboh "A Facile one step Synthesis of -Unsaturated Esters Via a 1, 2-Carbonyl Transposition of -unsaturated Ketones". *Tetrahedron Letters*, 30, 000 (1990).
30. A. K. Deb and S. Goswami "Synthesis, Structure and Electro-chemical Reduction of 2-(Arylazo) pyridine Complexes of Rhodium (III)." *J. Chem. Soc. Dalton Trans.* 1635-1637 (1989).

10. **Study Tour/Field trips of Students** : No study tour was undertaken in 1989.

11. **Thrust Area of Research:**

The research activities in Organic Chemistry Centre around developing newer synthetic methods for novel biologically important heterocycles and carbocycles compounds. A number of new compounds have been screened at Organon Research Centre, Calcutta, and results show that they have potential as antiparasitic and anti-insecticidal activity. Synthetic and mechanistic study on cycloaddition reactions of novel azadienes and oxyplumbylation reactions have also been carried out.

The research activities in Physical Chemistry include research in Solid State chemistry with emphasis on isomorphous substitution on hydroxylapatite, solubility equilibria of solid solutions of apatite, organic semiconductors, molecular inter-actions involving charge-transfer complexes, hydrogen bonding and hydrophobic interactions and micelles, Chemical kinetics embracing kinetics and mechanism of oxidation of organic substances by one electron oxidants, chromium (VI) reagents, reduction of transition metal ions by sodium tetrahydroborate. In addition, work on transport behaviour of electrolytes in aqueous and molten media as function of temperature, pressure and theoretical studies on vibrationally high excited state are actively pursued.

The research activity in Inorganic Chemistry addresses to synthesis, characterization, evaluation of molecular structures by different techniques and studies of reactivity of fluoro, peroxy/dioxygen and -diketonometallates and fluoro and peroxy compounds of nonmetals, sulphoxide, arylazo complexes of transition metals. Emphasis is also given to stabilization of unusual oxidation states of metals and development of newer reagents and catalysts.

In Nuclear Chemistry, research activities include heavy ion range and energy loss in solids, development and characterization on Track detectors and their application, fusion-fission and particle evaporation, Radon monitoring for radioprotection and earthquake prediction, measurement of trace pollutants in environment.

12. **Research Programme/Research Project undertaken during the year under review :**

The ongoing research projects by various funding agencies were continued in the department, however, no new research project was undertaken in the year under report.

13. **Any other remarks :**

Following students were awarded Ph. D. degree in 1989-90.

1. Mr. M. L. Purkayastha (Supervisor Dr. H. Junjappa)

2. Mr. R. T. Chakrasali (Supervisor Dr. H. Junjappa)
3. Mr. Abraham Thomas (Supervisor Dr. H. Junjappa)
4. Mr. Manish Bhattacharjee (Supervisor Dr. M. K. Chaudhuri).
5. Mr. Ratan Lal Gupta (Supervisor Dr. K. Ismail).
6. Miss Grace George (Supervisor Dr. T. S. B. Narasaraju).
7. Mr. B. L. Marwein (Supervisor Dr. S. N. Bhat).

Following students joined various institution under various capacities after completion of their Ph. D. programme.

1. Dr. Appurba Dutta : CSIR Research Associate, Department of Chemistry, IIT, Kharagpur.
2. Dr. C. V. Asokan : Research Associate, Regional Research Laboratory, Trivandrum, Kerala.
3. Dr. Atul Saxena : Lecturer in Physics, Pachhunga University College, Aizawl.
4. Dr. Meenakshi Devi : Executive, R and D, Assam Carbon, Guwahati.
5. Dr. Nashreem Islam : CSIR Research Associate, Deptt. of Chemistry, NEHU, Shillong.
6. Miss Dinah Pooranchand : CSIR Senior Research Fellow, Indian Institute of Chemical Technology, Hyderabad.
7. Dr. R. T. Chakrasali : Research Scientist, Reckitt and Coleman of India, Hosur, Tamilnadu.
8. Mr. Arun Kumar Gupta : CSIR Senior Research Fellow, Medicinal Chemistry Division, Central Drug Research Institute, Lucknow.
9. Mr. M. P. Balu : Post-doctoral Fellow, Zurich, Switzerland.

## DEPARTMENT OF PHYSICS

1. **Name of the Department :** Physics.
2. **Introduction :**

Established in 1976, the department continued its teaching and research programmes leading to the M. Sc., M. Phil and Ph. D. degrees. The department has trained more than 100 students at M. Sc. level and about two dozen students at M. Phil and Ph. D levels. Most of them are gainfully employed and many contributing to the intellectual advancement of the North-Eastern region. The department is an active centre of research in Nuclear Physics, Laser Physics/Spectroscopy, Molecular Physics, Solid State Physics and Particle Physics Areas.

3. **Name of the Head of Department:** Dr. Y. S. T. Rao.
4. **Faculty Position**

Name	Designation	Specialization
1. Dr. A. L. Verma	Professor	Laser Physics/Spectroscopy (Experimental).

2.	Dr. C. S. Shastry	Professor	Nuclear Physics (Theory).
3.	Dr. Y. S. T. Rao	Professor	Nuclear Physics (Theory).
4.	Dr. P. Shukla	Professor	Solid State Physics (Theory).
5.	Dr. R. Singh	Reader	Nuclear Physics (Experimental)
6.	Dr. K. Kumar	Reader	Laser Physics/Spectroscopy (Experimental).
7.	Dr. Y. S. Jain	Reader	Solid State Spectroscopy.
8.	Dr. D. T. Khathing	Reader	Nuclear Physics (Experimental)
9.	Dr. P. N. Pandita	Reader	Particle Physics (Theory).
10.	Dr. P. N. Ram	Reader	Solid State Physics (Theory).
11.	Dr. M. K. Parida	Reader	Particle Physics (Theory).
12.	Dr. (Mrs). B. Jyrwa	Lecturer	Nuclear Physics (Theory).
13.	Dr. (Miss) W. L. Basaiawmoit	Lecturer	Solid State Physics.

5. **Students Intake :** M. Sc. Course

(a) Enrolment capacity :	15
(b) Actual admission :	15

	General	SC/ST	Male	Female	Total
(i) M. Sc.	10	0/5	12	3	15
(ii) M. Phil.	-				
(iii) Actual admission :	2				

6. **Courses conducted - Titles only**

M. Sc.	Semester - I
1. Phys - 411	Classical Mechanics
2. Phys - 412	Quantum Mechanics - I
3. Phys - 413	Mathematical Physics
4. Phys - 414	Laboratory
	<b>Semester - II</b>
5. Phys - 421	Electrodynamics
6. Phys - 422	Electronics
7. Phys - 423	Quantum Mechanics - II
8. Phys - 424	Laboratory
	<b>Semester - III</b>
9. Phys - 531	Nuclear Physics
10. Phys - 532	Solid State Physics
11. Phys - 533	Atomic & Molecular Physics
12. Phys - 534	Laboratory
	<b>Semester - IV</b>
13. Phys - 541	Thermal Physics
14. Phys - 542	Many Body Theory



- (5) B. Sahu and C.S. Shastry Effective Fusion Barrier Transmission Model at higher energies : J. Phys. G16 (1990) 55.
- (6) V. J. Menon, S. N. Mukherjee, C. S. Shastry and B. Sahu. Analytically Solvable Model for Fusion Time : Phys Rev C41 (1990).
- (7) Nonstatistical structures in the excitation functions of  $^{20}\text{Ne}$  ( $^{16}\text{O}$ ,  $^{12}\text{C}$ ) $^{24}\text{Mg}$  and  $^{20}\text{Ne}$  ( $^{16}\text{O}$ ,  $^{20}\text{Ne}$ ) $^{16}\text{O}$  Reactions ; A. Sarma and R. Singh, Z. Phys. A-Atomic Nuclei 333, 299-306 (1989).
- (8) Vibrational Spectra and Raman Excitation Profile of Some Schiff Bases ; R. Das and K. Kumar, Spectrochim Acts. U3/705-709 (1989)
- (9) Study Tour/Field Trips of Students : No study tours were conducted during this year.

10. **Thrust Area of Research :**

As per recommendations of the UGC Vith five year plan visiting team ; Laser Physics and Nuclear Physics are the thrust area of research in the Physics department.

11. **Research Programmes/Research Projects undertaken/continued during the year :**

(a) **On-going research projects :**

Project Title	Funding Agency	Project Investigator
(i) Resonance Raman Studies on Porphyrins and Phthalocyanines	DST	Prof. A. L. Verma
(ii) Reorientation Behaviour of Molecular Ions in Solids.	DAE	Prof. A. L. Verma

(b) **New Research Projects sanctioned :**

(i) Heavy Ion Fusion at Sub-barrier Energies.	NGC-NSC	Dr. R. Singh
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12. **Any other Remarks :**

(a) **Books written :**

Dr. (Mrs.) B. Jyrwa in collaboration with Dr. (Mrs) B. L. Laso of the Centre for Adult and Continuing Education compiled and wrote a book titled "A Practical Arithmetic Book For Adults" in Khasi language.

(b) **Research/Scientific collaboration with other Institutions :** Prof. A. L. Verma continued his collaborative research programmes with the Institute for Molecular Sciences, Okazaki, Japan and the University of Bordeaux, France.

Dr. R. Singh is continuing his research collaboration with the Variable Energy Cyclotron, Calcutta and Nuclear Science Centre JNU Complex, New Delhi.

Dr. K. Kumar has collaborative research programme with Prof. G. P. Srivastava of the Department of Electronic Science, University of Delhi, South Campus, New Delhi on "Amorphous Siliceon Solar Cell".

## DEPARTMENT OF MATHEMATICS

### Shillong.

1. **Introduction :** The deptt. of Mathematics completed itself to post-graduate teaching in 1990. It continues to devote branches of Mathematics.
2. **Head of the Department :** Dr. Vijai Kumar.
3. **Faculty Position :**

Name	Designation	Specialisation
a) Dr. Vijai Kumar	Reader	Computer Programming.
b) Dr. S. S. Khare	Professor	Algebra Topology.
c) Dr. H. K. Mukharjee	Reader	Differential Topology.
d) Dr. M. B. Rege	Reader	Ring Theory.
e) Dr. S. K. Srivastava	Reader	Theory of Relativity.
f) Dr. P. K. Saikia	Reader	Algebraic Number Theory.
g) Shri S. L. Marbaniang	Lecturer	Operations Research.
h) Dr. (Miss.) C. R. Mondal	Lecturer	Oceanography.
i) Dr. N. J. Deb.	Visiting Fellow.	Differential Topology.

4. **Students Intake :**

- a) Enrolment Capacity : M. Sc. 20
- b) Actual Admission :

M. Sc.	Male	Female	Total	S. C.	S. T.
	2	2	4		

5. **Courses Conducted :**

Semester I : '89 - batch	a) Algebra	b) Analysis	c) Ordinary Differential Equations	Rigid Dynamics.
Semester II : '89 - batch	a) Analysis II	b) Complex Function Theory.	c) Topology	d) Partial Differential Equations.
Semester III : '89 - batch	a) Ring Theory	b) Computer Programming.	c) Operations Research	d) Elementary Number Theory.
Semester IV	a) ALg. Topology	b) Field Theory.	c) Oceanography	d) Differential Geomentry
			e) Theory of Relatively.	

6. **Seminars/Conferences Attended/Organised :**

**Prof. S. S. Khare :**

Gave a talk on "on Milnor manifolds" in the second Biennial conference of Allahabad Mathematics Society, 1990-91.

**Dr. H. K. Mukharjee :**

Attended a series of seminars on chevally groups and classifying spaces for spherical fiberings during Jan - Feb. 1990.

Given a series of seminars on Adms Novikov spectral sequences, Formal group laws and BP \*—Homology during January - February '90.

**7. Visiting Professors/Fellows :**

- a) Prof. T. M. Karde of Nagpur University visited our deptt. as a member of B. P. G. S. meeting for 4 days. Apart from giving talks he interacted with faculty members of the deptt.
- b) Prof. Amiya Mukharjee of I. S. I. Calcutta has visited our deptt. in connection with his visit for school Board meeting.

**8. Research Publications:**

1. a) Prof. S. S. Khare's on Dold Manifolds, Topology and its Applications 33 (1989) 297-307.
- b) Action of K-torus and vanishing of  $N^G * (F)$  Science letters (The National Academy of Sciences) Vol. 12 no. 11, 1989 (with Dr. N. J. Dev).
2. b) *Dr. H. K. Mukharjee* 'Poincare' cobordism exact sequences and characterization to appear in pacific Journal of Mathematics in January - 1990.
3. a) *Dr. S. K. Srivastava* "Solution of Dirac Ew Equation in kasner's space-time" our. Math. Phys. Nov. Issue (1989).
4. a) *Dr. N. J. Dey* Action of K-tours and vanishing of  $N^G * (F)$  Science letters (The National Academy of Sciences) of Vol 12, No. 11, 1989.
5. a) Dr. Vijai Kumar, Science Today, page 9 Year 1989.
- b) Mathematics Today - Year 1989.

**9. Study Tour/Trips of Students:** Nil.

**10. Thrust Areas of Research :**

M. Phil. Algebra, Topology, Cosmology Computer Programming Oceanography.

Ph. D. Algebra and Differential Topology Algebra.

**11. M.Phil/Ph.D. Programmes:** The following M. Phil thesis are submitted in August '89.

Name	Titles of Thesis	Supervisor
1. Bipul Shyam Purkayastha	Some computer programming regards polynomials and Matrics.	Dr. V. Kumar
2. Mrs. Smriti Choudhury	Study of some problems in Dynamical Oceanography.	Dr. Miss C. R. Mondal.
3. Miss Beena	Creation of particles in curved spaces.	Dr. S. K. Srivastava
4. Mrs. Sanchalee Ghosh	Certain Inflationary Mode-Is of the Early University	Dr. S. K. Srivastava.

**12. Any Other Remarks :**

The Deptt. continued to organise Indian National Mathematical Olympiad and also conducted orientation classes for training the students for Olympiad. Dr. M. B. Rege attended a National Level meeting of the coordinators of the INMO held at Bangalore in May, 1989.

**SCHOOL OF AGRICULTURAL SCIENCES & RURAL DEVELOPMENT COLLEGE  
OF AGRICULTURE**

1. **Introduction :** This Institution was established in the year 1978.
2. **Name of the Head of Deptt/Institution :** Mr. Kiremwati Ao,  
Pro-Vice-Chancellor and In-Charge.
3. **Faculty position :**

Name of the Deptt.	Name of Faculty member	Designation	Specialisation
1. Horticulture	1. Dr. P. L. Kar	Professor	Pomology
	2. Dr. V. B. Singh	Reader	Olericulture
	3. Mrs. A. Sema	Lecturer	Pomology
	4. Mr. D. Sanyal	Lecturer	Pomology)
2. Soil Conservation	1. Dr. B. S. Chauhan	Professor	Soil Sciences/ Soil and Conservation / Soil Conservation & Water management/Soil& Engineering.
	2. Vacant	Reader	
	3. Vacant	Lecturer	—do—
3. Plant Pathology	1. Dr. D. N. Upadhyay	Reader	Botany (Mycology Plant Pathology)
	2. Dr. L. R. Saha	Lecturer	Agriculture Plant Pathology.
	3. Dr. H. B. Singh	Lecturer	Botany Plant Pathology.
4. Rural Development & Planning	1. Mr. K. H. Nakhro	Lecturer	Rural Development.
5. Animal Science	1. Professor	Vacant	
	2. Dr. V. B. Sharma	Reader	Animal Nutrition.
	3. Dr. Saket Bhusan	Lecturer	Animal Genetic&Breeding.
6. Agronomy	1. Dr. N. P. Singh	Reader	Water management & Shifting cultivation.
	2. Rakesh Mohan	Lecturer	Soil fertility
	3. Mr. B. Gopichand	Lecturer	Weed management.
7. Plant Breeding	1. Dr. N. S. Jamir	Reader	Plant Taxonomy
	2. Dr. K. K. Singh	Reader	Plant Breeding
	3. Dr. A. K. Handique	Lecturer	Plant Physiology
	4. Mr. Kigwe Sayie	Lecturer	Cytogenetic & Plant Breeding.
8. Agricultural Chemistry	1. Dr. P. V. R. Rao	Reader	Physical Chemistry.
	2. Dr. A. K. Kolay	Lecturer	Soil Science
	3. Dr. R. C. Gupta	Lecturer	Organic Chemistry
	4. Shri S. K. Sharma	Lecturer	—do—
	5. Shri. A. H. Mondal	Lab-Tech-nician.	Agr. Che. & Soil Science.

9. Agr. Engineering Chemistry.	1. Dr. D. P. Sharma	Reader	Solid State Physics, wood Physics Environment Education.
	2. Dr. D. Bhatta- charjee	Lecturer	Number Theory.
	3. Mr. J. P. Jaiswal	Lecturer in Agr. Engg.	Soil and Water conserva- tion.
	4. Dr. P. K. Patra	Lecturer in Physics.	Theoretical Physics.
	5. Dr. V. Sharan	Lecturer in Mathematics	Fluid Mechanics.
10. Entomology	1. Dr. D. P. Chatur- vedi.	Reader	Crop Entomology & Chemical Control.
	2. Dr. O. P. Singh	Lecturer	Cytology.
	3. Dr. (Miss) A. Ao.	Lecturer	Sub-terranean Entomology.
11. Agri. Economics	1. Mr. P. Honourious	Lecturer	Agri. Economics.
	2. Mrs. S. Vihienuo	Lecturer	Agri. Economics.
	3. Dr. Manas Das	Lecturer	Statistics.
12. Agri. Extension	1. Vacant]	Reader	
	2. Dr. A. Lanu Ao	Lecturer	Sociology.
	3. Mr. S. K. Nanda	Lecturer	Sociology.
13. Humanities	1. Vacant	Reader	
	2. Dr. R. K. Dhar	Lecturer	English
	3. Dr. R. S. Thakur	Lecturer	English
	4. Dr. K. Cornelius	Lecturer	English

#### 4. Students intake :-

(a) Enrolment capacity : P. U. (Ag)-40 :: B. Sc. (Ag) - 20 :: M. Sc. (Ag)-15 : Horti-] culture - 5, Rural Dev. -5, Plant Pathology - 5.

#### Actual Admission :

Course	SC	ST	Genl.	Total	Male	Female	Total
P. U. Agri.	1	31	4	36	33	3	36
B. Sc. Agri.	-	23	26	49	39	10	49
M. Sc. Agri.	-	12	3	15	11	4	15

5. Course Conducted : P. U. (Ag) : B. Sc. (Ag). M. Sc. (Ag).

6. Seminars/Conferences/Symposia/Extension/Programme :

#### Seminar Attended :

Name of Deptt.	Name of the Faculty	Seminar Attended :
1. Plant Pathology	Dr. D. N. Upadhyay Dr. L. R. Saha Dr. H. B. Singh	National Symposium on Recent trend in Plant Disease Control held in NEHU, SASARD, Medziphema.





- v) Singh H. B. and L. R. Saha. 1989. "Diseases of Winged bean *Psophocarpus terragonolobus*" International Journal of tropical plant Disease 7.
- vi) Daiho L., Upadhyay D. N., Singh H. B., 1989, "Effect of Slash and burn on trichodermaspp in Jhum land ecosystem at Medziphema Nagaland Proc." National Symposium on Recent trends in plant disease control P. 47-48.
- vii) Singh H. B., Upadhyay D. N., Saha L. R., Daiha L., 1989, "Biological control of sclerotium rolfsii causing collar rot of Pigeon pea proc." National symposium on recent trends in plant disease control p. 46.

3. Plant Breeding

"Some Interesting Medico-Botany used by Ao a Naga Tribe" in Research and development of Indigenous Drugs" P. P. 259-264 April 1989. This symposium was held at Delhi 1988 but the proceeding book was published in April, 1989.

4. Agri. Chemistry.  
Dr. A. K. Kolay

- i) "Basic concepts of social science". Accepted for publication by 'Wiley Eastern Publications, New-Delhi.

5. Agronomy

- i) Singh N. P. Cassava : "A highly potential crop of North-East India". J. of N. E. C. (1989) in Press.
- ii) Singh N. P. and Singh H. B. Jobsteana : "A suitable medicinal plants in : Roychoudhury S. P. (Ed) Rec. Adv. in Medi. Arom & spies crops 1989 (In Press).
- iii) Singh N. P., Singh H. B., Muskdana (Abeloschms moschutuz) : A suitable cash crop for Nagaland. Recent Adv. in medi. Arom. and spies crop, 1989 (In Press).

6. Animal Science

Guptam P. C., sharma V. B. and Sagar V. (One-space) "Prediction of Dry matter Digestibility and intake from Fecal components - a Review Live stock Advisor. 14 (10) 39 1989.

9. Study Tour/Field trips of Students :

- a) Study tour to various Agricultural institutions and research Fare/Centres are conducted at the end of the semesters regularly by the Pre-Final Year students of B. Sc. (Ag).
- b) Field trip are arranged in batches during the middle of each semester.

10. Thrust Area of Research :

Name of the Department

Thrust Area

1. Plant Pathology

i) Microbial Ecology.

- ii) Disease of Pulse Crops.
- iii) Disease of Oil-seed crops.
- iv) Disease of pathology including control measures.
- 2. Agr. Chem. & Soil Science i) N. P. K. Ca Mg & Micronutrients of the Soil.
- 3. Soil Conservation i) Growth productivity and fertilizer use efficiency in upland rice under Nagaland agroclimatic conditions.
- ii) Soil degradation in North Eastern Region.
- 4. Agri. Engineering i) Solid State physics.
- ii) Wood Physics.
- iii) Soil and water conservation.
- iv) Fluid dynamics.
- v) Number Theory.
- 5. Agronomy i) Natural resources management for sustainable agriculture.
- 6. Animal Science i) Indegenous feeds and fodders of Nagaland.
- 7. Entomology i) Insect pests of crops and on measures to control them.
- 8. Horticulture i) Propagation agriculture techniques in fruits Vegetables and plantation crops.

**11. Research Programme/Research Project :**

**Name of the Deptt.**

**Research Programmes**

- 1. Plant pathology
  - i) Studies on disease of piegeon pea
  - ii) Ecological studies on Tricho-derka
  - iii) Studies on disease of winged bean.
  - iv) Effects of planting material runficides and N. P. K. on Traphrina.

**Research Project :**

- i) INSA Nursery project, New Delhi.
- ii) UGC Minor project.
- 2. Soil Conservation
  - Development of Agro technology for cultivation of Casava in agro climatic conditions of North-Eastern Hill Region.
- 3. Agri. Engineering
  - The faculty member were engaged in on going research programme during the year such as wood physics, soil conservation, Number theory and fluid Dynamics.
- 4. Horticulture
  - i) Nutritional studies in pineapple.
  - ii) Maturity standard in Pineapple.
  - iii) Nutritional studies in radish and Turmeric.

**DEPARTMENT OF HORTICULTURE,  
Medziphema (Nagaland Campus)**

**Introduction:** The Department of Horticulture was established during the year 1986. The first batch of student for the Post-graduate studies in M. Sc. (Horticulture) was admitted in February, 1986. The Department of Horticulture is assigns with the responsibilities of looking after the academic curriculum of Undergraduate and Post-graduate students. Besides, the Department also undertakes need-based research to tackle the problems pertaining to fruit and vegetable crops. On a limited scale the department undertakes extension programme for disseminating technologies to the farmers and also undertakes various training programmes for the benefit of the farmers and workers engaged in the field of agriculture.

**Name of the Head of the Department :** Dr. P.L. Kar.

**Faculty Position :**

Name	Designation	Specialisation
1. Dr. P. L. Kar	Professor	Horticulture (Pomology)
2. Dr. V. B. Singh	Reader	Horticulture (Olericulture).
3. Mrs. A. Sema	Lecturer	Horticulture (Pomology)
4. Mr. D. Sanyal	Lecturer	Horticulture (Pomology)

**Student Intake :**

- a) Enrolment capacity : 5 (Five)
- b) Actual admission : 3 ST (2 ST Female) (1 ST Male)  
1 General,  
Ph. D. — Nil.

**DEPARTMENT OF SOIL CONSERVATION, SCHOOL OF AGRICULTURAL  
SCIENCES & RURAL DEVELOPMENT (SASARD)**

**Medziphema : Nagaland.**

**1. Introduction :**

The Department of Soil Conservation started functioning from April 1987 with the main objectives of developing horizons of students' thinking in theory and practical aspects of soil conservation and ecosystem management. Soil Conservation is vitally important to the future of world food production and therefore, man's survival. The thrust area of teaching, research and extension of the Department includes land degradation, soil fertility management, soil and water conservation and ecosystem management.

**2. Name of the Head of the Deptt. :** Prof. B. S. Chauhan.

3. **Faculty position** on order of seniority with numerical numbers as serial under the following headings.

Name	Designation	Specialisation
1. B. S. Chauhan	Professor	Soil Science
2. Vacant	Reader	Soil & Water Conservation/Soil Conservation & Water Management/Soil & Water Conservation Engineering.
3. Vacant	Lecturer	—do—

5. **Students intake**

- (a) Enrolment capacity : Five  
 (b) Actual admission under the heading.  
 (SC/ST/GENL) (Male/Female) : None  
 M.A./M.Sc./M.Com./M.Ed/B.Lib/M.Lib. : None  
 M. Phil. : None  
 Ph. D. : One

6. **Courses conducted** : None

7. **Seminars / Conferences / Symposia / Extension Programme organised and attended** (organised separate/attended separate paragraphs).

- Organised : None  
 Attended : Dr. B. S. Chauhan attended the followings.

1. Regional Workshop on Indian Remote Sensing Satellite-1A (IRS-1A) Mission and in application potential, Directorate of Geology & Mining, Dimapur, Nagaland, May 19, 1989.
2. A Course on Watershed Management at National Institute of Rural Development Gawahati, Assam. Dec. 11-15, 1989.

8. **Visiting Professors/Fellows** : None

9. **Publications** : None

10. **Study Tour/Field trips of students** : None

11. **Thrust area of Research**

1. Growth productivity and fertilizer use efficiency in upland rice under Nagaland agro-climatic conditions.
2. Soil degradation in North Eastern Region.

12. **Research Programme/Research project** : Development of Agro-technology for cultivation of casava in agro-climatic conditions of North-Eastern Hill Region.  
 (undertaken during the year under review).

13. Any other remarks :

1. One student has been awarded Ph. D. degree during the year under review.
2. The department plans to admit students in August, 1990 provided one more faculty joins in time.

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

Name of the Head of the Department : Dr. A. S. Chandel upto 4.8.89.  
Dr. J. C. Binwal, w. e. f. 5.8.89.

**Faculty Position :**

Name	Designation
1. Dr. J. C. Binwal	Professor.
2. Dr. A. S. Chandel	Reader on EOL for 2 years w.e.f. 5.8.89.
3. Mrs. Veena Saraf	Lecturer

**Students Intake :**

	Male	Female	Total	SC/ST
Ist Semester	1	6	7	5
3rd Semester	6	4	10	3
Ph. D.	3	-	3	-

**No. of Students passed during the year :**

Ist Semester	6
IInd Semester	Result awaited
IIIrd Semester	10
IVth Semester	5

**Courses offered :**

Bachelor of Library and Information Science  
Master in Library and Information Science.

**Visiting Faculty :**

1. Sri T. N. Rajan, retired Scientist, INSDOC, New Delhi (4 months).
2. Sri M. M. Kashyap, Department of Library and Information Science, Delhi University (1 month).
3. Dr. F. J. Devadason, Associate Professor, DRTC, Bangalore, (26 days).
4. Sir Girija Kumar, Retired Librarian, JNU, New Delhi (2 months).
5. Sri M. N. Nagraj, Retired Dy. Librarian, National Library, Calcutta (1 month).
6. Prof. J. C. Gardin, Director of Research at the Centre National de la Recherche Scientifique (CNRS), Paris, delivered a lecture on linguistics and information retrieval in the month of October, 1989.

7. Dr. S. K. Misra, Reader, Department of Economics, NEHU and Sri B. S. Butola, Department of Geography, NEHU, assisted in teaching Computer programming and statistical methods respectively.

**Publications :**

1. Binwal, J. C., Chand'el, A. S., and Saraf, Veena - Ed. Social Science Information : Problems and Prospects, Vikas, 1990.
2. Binwal, J. C. and Rao, Dittakavi, Legal Trac : A CD-ROM version of legal resource index. IASLIC Bulletin : V34(2) 1989, p. 73-79.

**CENTRE FOR ADULT & CONTINUING EDUCATION**

**1. Introduction :**

It was with the purview of disseminating the result of research and higher learning to the common man that the Centre for Adult and Continuing Education was established in 1974. Much hopes were reposed in centres to serve as linkage between the University and the people.

Within its short existence the centre for Adult and Continuing Education has undertaken the following programmes :

- i) Adult Literacy
    - Continuing Education
    - Skill Improvement Programme
  - ii) Population Education Resource Centre (UGC - UNFPA project).
    - Population Education Clubs.
  - iii) Women Studies.
  - iv) Open University Project :
    - a) Educational Broadcast.
    - b) Extension Lecture.
  - v) State Resource Centre.
2. **Name of the Head/Director of the Centre :** Prof. M. C. Pandey till 5.2.90, Dr. (Mrs.) Biloris Lyndem Laso : from 5.2.90.
  3. **Dates of Meeting of :** Advisory Committee - July 3, 1989.
  4. **Certificate Courses conducted/Diploma Course etc.**
    - a) Certificate Course : Dr. H. K. Synrem, Lecturer ;  
Mr. J. Mawthoh (STA)
      - i) **Food and Nutrition** in collaboration with food & Nutrition, Government of India.  
Date : 18th - 27th May, 1989.  
Venue : Post Graduate Training College.
      - ii) **Orientation Programme for the M. E. School Teachers :**  
In collaboration with Field Officer, Adult Education, Nongstoin, Government of Meghalaya.  
Date : 6th - 9th October, 1989.  
Venue : Nongstoin.

- iii) **Food Preservation Programme Organised** in collaboration with Ministry of Food & Civil Supplies, Government of India, Meghalaya.  
Date : 19th -28th December, 1989, at NEHU Guest House, Shillong.
- iv) **Food Preservation and Income Generating Programme** in collaboration with Agriculture College, Medziphema, Nagaland.  
Date : 21st -24th June, 1989.  
Venue : College of Agriculture, Medziphema, Nagaland.
- v) **Plant Propagation** in collaboration with College of Agriculture, Medziphema, Nagaland.  
Date : 6th -13th August, 1989.  
Venue : College of Agriculture, Medziphema, Nagaland.
- vi) **Food Preparation and Food Preservation** in collaboration with Ministry of Food & Civil Supplies, Govt. of India, Meghalaya.  
Date : 7th -9th August, 1989.  
Venue : Kolasib College, Kolasib, Mizoram.
- vii) **Food Preparation and Food Preservation** in collaboration with Ministry of Food & Civil Supplies, Govt. of India, Meghalaya.  
Date : 10th -12th August, 1989.  
Venue : Pachhunga University College, Aizawl, Mizoram.
6. **Students intake in the Courses : (SC/51/Genl) (Male/Femal).**

**Skill Improvement Programme Conducted at Nagaland/Mizoram  
and Meghalaya.**

Sl. No.	Location	SC	ST	General	Male	Female	Total
1.	P. G. T. C., Shillong.	8	20	15	12	31	43
2.	Nongstoin	20	60	-	15	45	60
3.	NEHU Campus	3	12	17	5	27	32
4.	Medziphema,	-	63	-	25	38	63
5.	Medziphema, Nagaland.	-	48	-	18	30	48
6.	Kolasib, Mizoram	-	46	-	4	42	46
7.	Aizawl, Mizoram	-	59	-	-	59	59

**7. Faculty Position :**

Name of Teachers:

- 1) M. C. Pandey, Professor. — Population Education, Agriculture Education, Population & Environment, Adult Education & Material Development.

- 2) Biloris Lyndem Laso — Primary Education.  
Reader & Head.
- 3) K. M. Warjri, Lecturer. — Child Development, Women Studies.
- 4) H. K. Synrem, Lecturer — Population Education, Continuing Education, School Managements, Non-Formal Education, Teachers & Society, Educational Technology and Khasi.

8. Extension Lectures:

Name of the Teachers :

a) Prof. M. C. Pandey, Mrs. I. Lall (P. O.), Mrs. B.S. Langstieh (STA).

Topic : Population Awareness :

- 1) Mizoram — 1. May 8 to 11, 1989.  
2. September 25 to 30, 1989.
- 2) Nagaland — 1. April 12 to 15, 1989.  
2. June 22 to 24, 1989.  
3. August 17 to 19, 1989.
- 3) Meghalaya — 1. August 21 & 22, 1989 (Nongstoin)  
2. August 30, 1989 (Mawkyrwat).  
3. September 7, 1989 (Sohnidan).  
4. September 9, 1989 (Ritiang).  
5. November 6 to 8, 1989 (Nongstoin).
- 4) Tripura — May 5 to 7, 1989.
- 5) Assam — 1. November 16, 1989 (Tezpur).  
2. November 18, 1989 (North Lakhimpur).  
3. February 13 to 21, 1990 (Gauhati University).
- 6) Others — 1. January 27 to 29, 1989 (New Delhi).  
2. July 21 1989 (New Delhi).  
3. October 30 & 31, 1989 (Madras).

7) Curriculum Development :

The concept of Population Education through formal and non-formal agencies of education is being stressed by making modification in the under-graduate curriculum by including some topics about the different aspects of population in the syllabus and course of studies in the Degree Level, Pre-University Level.

Tripura University - Topics on Population Education will be incorporated in Pre-University, Degree and Masters Level by the Tripura University from the academic year 1990-91.

8) Material Development :

a) Population Awareness Series I — Nutrition, Diet & Personal Hygiene.

- b) Population Awareness Series II — Population & Development.
- c) Population Awareness Series III — Health, Hygiene and Resources.
- d) Population Awareness Series IV — Drug Abuse, Population & Environment, Population & Literacy & Diarrhoea.
- e) Population Awareness Series V — Population Issues.

9) Research :

The titles and investigators of the Research Studies are as follows :

- 1) Population Studies : Area Development Profile.  
M. C. Pandey, I. Lall & B. S. Langstieh.
- 2) Socio-Economic Profile of Population in Myllem Block.  
Dr. S. K. Mishra.
- 3) Growth of Urban Population in the North-East Region 1951-81 Policy Implication.
- 4) Population Education and Awareness.  
M. C. Pandey, I. Lall & B. S. Langstieh.
- 5) Attitude of Youth on Population Issues.  
M. C. Pandey, I. Lall & B. S. Langstieh.
- 6) "Tripura's Population Trend in tune with socio-economic development - a case study".  
Dr. A. Saha, Reader, Economics Department, Tripura University, Agartala.

10) Activities of Population Education Clubs :

Name of the Colleges	Activity - 1989 - 90.
1) Tura Government College, Tura - 794001, Meghalaya.  Incharge : Shri V. R. Dutta.	1) Symposium - Population Explosion, Student & Teacher.  2) Elocution Contest - College Students.  3) Essay Competition - School, local & College. advantage of Small Family & Population Explosion.  4) <b>Video Show :</b> T. V. Spots-Population Explosion (SNDT) Population Problem (UNFPA).
2) Sngapsing Syiem Memorial College. Mawkyrwat, Meghalaya Incharge : S. B. Sohmat.	1) Debate - Small family happy family. Target group- School and Colleges.  2) Symposium-population Explosion. Target group- School & College, local comm- unity.  3) Meeting local & public Leaders : popu- lation explosion Target group : Local community, anganwadi workers, doctors and mothers.

3) Sankardev College Shillong,  
Meghalaya.  
Incharge : R. K. Talukdar

4) Nongstoin College,  
Nongstoin, Meghalaya  
Incharge : Miss K. D. Lyngwa.

5) Synod College, Shillong,  
Meghalaya.  
Incharge : R. Dubey

- 1) Essay - Growing population levels to mere unemployment community campaign in Bishnupur area.
- 2) Extension lecture - Hygiene and Health.
- 3) Meeting teachers and Students.

- 1) Essay Competition.
- 2) Video show : population, Environment and poverty.
- 3) Quiz on population, environment and Poverty.
- 4) Debate & Quiz conducted in collaboration with Skill Improvement Programme of NEHU.

- 1) Village adoption.
- 2) Debate : Population Education is a must in the State of Meghalaya.
- 3) Quiz.

**Nagaland :**

6) Sao chang College, Tuensang,  
Nagaland.

Incharge : Principal.

- 1) Display of posters in town and neighbouring villages 'Small family happy family'.
- 2) Extension lecture.
  - a) Problem of population explosion.
  - b) Merits of small family.

7) Nagaland College of Education,  
Kohima, Nagaland.

Incharge : R. N. Bhattacharjee

- 1) Essay Competition - Population our national economy.
- 2) Adoption of village Nuhema District, Kohima, Study of population trend and creation of awareness.

8) School of Agricultural Science &  
Rural Development, Medziphema,  
Nagaland.

Incharge : D. N. Upadhyaya

- 1) Exhibition of poster on population.
- 2) Extension lecture - Population awareness.
  - a) Students, School of Agriculture.
  - b) Local Youth.
- 3) Debate : Population growth is dangerous for economic development.
- 4) Adoption of village Sunia District, Kohima, Awareness programme.
- 5) Audio-visual cassettes on population were shown to students from the school.
- 6) Picture Poster Competition on population Awareness.
- 7) Essay Competition : Population and energy.

- 9) Fazl Ali College, Mokokchung, Nagaland.
- 10) Kolasib College, Mizoram  
Incharge : Shri L. Ngente
- 8) Translation of population awareness series III & IV in dialects of Nagaland.
- 1) Essay writings competition 'The concept of an ideal family'.
- 2) Debate "Population control is required in Nagaland."
- 3) Poster printing competition theme Nutrition.
- 1) Video
- 2) Essay Competition "Population Education for development."
- 3) Debate Competition "Family Planning programme is not necessary for Mizoram."
- 4) Meeting with PERC - NEHU. Shillong on area based approach to create awareness on Population Education and resources.

**Assam :**

- 11) Lakhimpur Girls College, North-Lakhimpur Assam - 787001.  
Incharge : Shri M. Pandit.
- 12) Darrang College, Tezpur  
Incharge : J. N. Luitel.
- 11) Essay Competition : Population Education students of colleges in North-Lakhimpur.
- 2) Extension Lecture : a) role of mother in population education b) population education colleges students and community.
1. Essay Competition, 2) Extension lecture : problem of P. E.
11. Audio-Visual : Cassettes received from 1) Ministry of Health and Family Welfare (2) PERC. Delhi University 3) SNDT Women's University, Bombay. These cassettes were duplicated and distributed to all Population Education Clubs. The cassettes contains topic on :-
1. T. V. Spots and case studies on Health, Hygiene, Nutrition & Family life.
2. Environment 3. Educational 4. Drugs and Tobacco 5. Population Education.
12. Translation : Population Awareness Series I II & V were translated to different regional languages - Khasi, Garo, Manipur, Assamese, Mizo, Bengali, Kokborak, Ao, Angami, and Series III & IV were translated into Lotha and Sema.
- b) Dr. (Mrs.) Biloris Lyndem Laso.
- 1) Topic : Adult Education in Meghalaya.  
Date 21st May, 1989 Venue : New Delhi.
- Golden Jubilee on the Indian Adult Education organised by the India Adult Education Association, New Delhi. (Presented a paper).
- 2) Topic : 1. Women and Literacy.  
2. Role of Women in transfer of technology.

- Date : 7th & 8th June 1989.  
 Venue : Umroi Meghalaya.
- 3) Topic : Role of Women in Public Services.  
 Date : 19th June 1989.  
 Venue : Cuttack, . Orrissa.
- 4) Topic : Role of Women in Municipal Bodies.  
 Date : June 20, 1989 organised by the Urban Development, Government of India, New Delhi-T. V Interview on Role on the above Topic.  
 Venue : Cuttack, Orrissa.
- 5) Topic : Women and Literacy.  
 Date : July 1, 1989.  
 Venue : Laitdiengsai, Meghalaya, organised by the Young Women Christian Association.
- 6) Topic : Women Participation in Development with reference to Socio Cultural Context in North-Eastern Region.  
 Date : August 15, 1989.  
 Venue : Auxilium Convent Nongthymmai, Meghalaya organised by the Catholic Nuns, Eastern India.
- 7) Topic : Lecture on Approaches and Skill to involve Women in development programme.  
 Date : August 16, 1989.  
 Venue : Auxilium Convent, Nongthymmai, Meghalaya, organised by the Catholic Nuns, Eastern India.
- 8) Topic : Drug Awareness.  
 Date : September 8, 1989.  
 Venue : Mizo Modern High School, Meghalaya, organised by the Lion Club and Directorate of Social Welfare, Government of Meghalaya.
- 9) Topic : Drug and its Abuses.  
 Date : September 9, 1989.  
 Venue : St. Margaret Convent, Meghalaya organised by the Lion Club and Directorate of Social Welfare, Government of Meghalaya.
- 10) Topic : Role of Women in Panchayati Raj.  
 Date : September 29, 1989.  
 Telecaste by Guwahati Doordarshan.
- 11) Topic : Anti-Drug Campaign.  
 Date : October 6, 1989.  
 Venue : Presbyterian School, Laitumkhrak, Meghalaya, Organised by Lion Club and Directorate of Social Welfare, Government of Meghalaya.
- 12) Topic : Role of Women in Environment.  
 National Environment Campaign Training/Workshop as a Resource Person. Organised by SCERT, Govt. of Meghalaya and the ICCW, Meghalaya.

- Date : October 17, 1989.
- Venue : State Central Library.
- 13) Topic : 1. Drug and Social Evils. 2. Impact of Literacy.
- Date : February 9, 1990.
- Venue : Organised by Mizo High School, Happy Valley and Mizo Women Welfare Association and Directorate of Social Welfare, Government of Meghalaya.
- 14) Topic : 1. Literacy Campaign. 2. Consumer Education. Organised by ICCW, Meghalaya.
- Date : February 19, 1990.
- Venue : Umroi, Meghalaya.
- 15) Topic : Consumer Education.
- Date : February 27, 1990.
- Venue : Jowai, Meghalaya organised by Directorate of Social Welfare, Government of Meghalaya and ICCW, Meghalaya.
- 16) Topic : Planning and Production of Tribal Programmes for North-Eastern Region specially for Tribal Women - attended as a Resource Person - organised by the All India Radio, Shillong.
- Date : February 28, 1990.
- 17) Topic : Consumer Awareness.
- Date : March 15, 1990.
- Venue : Mawkhar, Shillong organised by ICCW, Meghalaya.
- 18) Topic : Development of Post Literacy Materials.
- Date : March 22, 1990.
- Venue : Guwahati, organised by the Directorate of Adult Education, Government of India and Directorate of Education, Government of Assam.
- 19) Topic : Mass Programme for Functional Literacy.
- Date : March 14, 15 & 16, 1990.
- Venue : NEHU, Shillong, organised by the Directorate of Adult Education, Government of India and Centre for Adult Education, NEHU.
- c) 1. Dr. K. M. Warjri, Lecturer.
- Topic : Child Development.
- Date : March 10, 1990.
- Venue : Step by Step School, Shillong.
2. Dr. K. M. Warjri Lecturer and J. Mawthoh - Organised Lectures on :
1. Topic : Mrs. Mavis Dunn Lyngdoh, Speaker,  
Dr. H. Bareh - Prof. Creative Arts. on June, 9th, 1989.

2. Topic : Mahatma Gandhi (in relation with his birthday) Speaker, Sri. S. Das Gupta on October, 6, 1989.
3. Topic : Charlie Chaplain,  
Speaker. (a) Prof. R. S. Lyngdoh.  
(b) Dr. S. Sen.  
(c) Dr. G. Sengupta.  
(d) Dr. Homchoudhuri.

The lecture was followed by Audio Visual show on Charlie Chaplain.

World Literacy Day :

4. Topic : Population and Literacy.  
Speaker : 1. Prof. J. B. Bhattacharjee.  
2. Prof. M. C. Pandey. (on September 8, 1989.)

d) Dr. (Miss) H. K. Synrem, Lecturer.

Extended lectures on Health, Sanitation, Hygiene, Quality of Life, Importance of Sports and Games to the Youth - Population awareness and problems related to Population Education were delivered at the following places :

1. Kohima Training College - 13th April '89.
2. Kolasib College - 9th May '89.
3. Tirot Singh Memorial High School, Laitkynsew - 21st May '89.
4. Laitkynsew Village - 21st May '89.
5. Nongstoin - 21st August '89.

10. **Seminar/Workshop/Symposium (attended) :**

a) Prof. M. C. Pandey.

- 1) Annual Workshop - New Delhi on January 31, 1990.
- 2) National Seminar on Education NIEPA, New Delhi, July 21, 22, 1989.
- 3) North-East India History Association Seminar, Shillong, October 12 to 14, 1989.

b) Dr. (Mrs.) Biloris Lyndem Laso, Reader.

- 1) Seminar on Adult Education - 20th to 25th 1989 - organised by Indian Adult Education Association, New Delhi.
- 2) Seminar on Nagar Palika Sammelon on 18th to 20th July, 1989, organised by the Urban Development, Government of India & Government of Orissa.
- 3) Seminar on State Resource Centre on 25th to 27th July, 1989, organised by the Directorate of Adult Education, Government of India.
- 4) Seminar on International Women's Day - The SAARC Year - Right of the girlchild organised by the Directorate of Social Welfare, Government of Meghalaya on March 8, 1990.

c) Dr. K. M. Warjri, Lecturer.

- 1) 'International Women Year' organised by Directorate of Social Welfare and the Central Social Welfare Board - attended.
- 2) Sohndan Village - an Adult Literacy Programme, Population Programme - Talk on September 9, 1989.
- 3) North-Eastern India History Association - Seminar on 12, 13 & 14 October, 1989 - attended.
- 4) ICCW programme at Umroi - Talk - Child Development.
- 5) Hyderabad, attended a 10 days course on 'Tribal Development' from 1st to 10th November, 1989.
- 6) Delhi - attended world University executive committee from 23rd to 25th January, 1990.
- 7) Autonomy of AIR and Doordarshan attended on 16-19 March, 1990.

d) Dr. (Miss.) H. K. Synrem, Lecturer

- 1) Seminar on Consumer Protection.
- 2) A symposium on July 18th to 20th, 1989 organised by Centre for Creative Arts, NEHU.
- 3) A Seminar on Nation Building Development and Communication on September 4th, 7th & 8th, 1989, organised by Philosophy Department, NEHU.
- 4) Training Programme at NIEPA, New Delhi on Quantitative Technique for Educational Planning, New Delhi - October 6th to 27th 1989.
- 5) Seminar on Consumer Protection organised by Institute of Social Research, Shillong, in collaboration with the Directorate of Supply, Government of Meghalaya.
- 6) Training Course for the State Officers on 12th to 14th March, 1990.
- 7) Seminar on Mass Programme for Functional Literacy on 14th to 15th March, 1990, organised by the Directorate of Adult Education, New Delhi and Adult Education, NEHU.
- 8) Seminar on Autonomy for Akashvani and Doordarshan organised by Indian Institute of Mass Communication, New Delhi - 16th and 17th March, 1990.
- 9) Tribal Dance and Music of Meghalaya organised by Department of Art and Culture, Government of Meghalaya on 22nd & 23rd March, 1990.

## 11. Publications :

a) Prof. M. C. Pandey.

- 1) Pandey, M. C., 1989. "Agriculture Extension Service and its implication for education and employment". Paper presented at the Workshop at the National Institute of Education Planning and Administration (NIEPA), New Delhi, July 21st & 22nd, 1989 (in press).
- 2) Pandey M. C., 1989. "Food grain production in the North-Eastern Region since Independence". In proceeding of the 10th North-East India History Association (Communication).

b) Dr. (Mrs.) Biloris Lyndem Laso.

- 1) Laso Lyndem, Biloris, Goel, N. P. and Mishra, S. K. : Survey of the Physically Handicapped in Hundred Villages of Meghalaya. Directorate of Social Welfare, Government of Meghalaya. 1990.
- 2) Laso Lyndem, Biloris and Sten, H. W. : Report on Awareness Generation (Rural Poor Women) Published by Young Women Christian Asscciation, Shillong 1990.

## **CENTRE FOR CREATIVE ARTS**

### **1. Introduction :**

The Centre for Creative Arts was set up in 1977 with the primary purpose of providing important incentives in art appreciation and education in the region. Upon the conception, the centre has conducted various courses, workshops and seminars on Art and the allied subjects to inculcate a systematic approach to the various aspects of art and create an awareness among the student community and the people of the region, of the significance usefulness and applicability of art and creativity in education and society. With the various activities, efforts have accordingly been made to focus the role of art education in the educational frame-work.

### **2. Name of the Centre -**

Centre for Creative Arts,

### **3. Name of the Head of the Centre -**

Professor H. P. Ngap Kynta.

### **4. Date of Meeting of -**

- (a) **Advisory Committee** — First meeting of the Advisory Committee was held on 14th September, 1989.
- (b) **Steering Committee** — Meeting could not be held due to unavoidable circumstances.

### **5. Course Conducted -**

**Certificates Course** :— No specific certificate course had been conducted during the year under review.

### **6. Other Activities of the Centre** — During the year under review, the Centre has chalked out and implemented the following programmes :

- (i) **A Symposium on art and Aesthetics** was held on 18-20 July, 1989. Over 12 papers were presented by experts from several departments dealing with the various aspects of art and the allied subjects- Art appreciation and criticism, vocationalisation of art, essence of culture and music and the development of art in this region. The symposium also explored the feasibility of introducing programmes for the development of vocational training in arts and crafts.
- (ii) **Discourse on Film and Film Shows** — To promote good and constructive film-making and to guide local efforts towards achieving professionalism in the art, the Centre organised on 27th and 28th October '89, a discourse on film-making and a film show. Expert artists were invited to deliver lectures and demonstrate on the techniques of film-making. Prof. Hiren Gohain of Gauhati University

gave a talk on *Film and Its Social Relevance* and Shri Kulada K. Bhattacharjee, Film Director and Critic, expounded upon the *Techniques of Film Making*. A new Khasi film "Wei la Kut Jingmut" was also released and shown on 27th Oct. '89 at the Seminar Hall, Mayurbhanj, Nagnthymmai, Shillong.

- (iii) In March, '89 a renowned International painter and sculptor, Prof. Bhabesh C. Sanyal was invited to deliver a lecture on contemporary Indian Art. The lecture with slide show demonstrations was delivered on 25.3.89 where an awareness and interest on the essence of these arts was created among the students and public as well.
- (iv) On 25th July 1989, an academic and cultural programme at Mawngap was organised to benefit the student community of that area. The Programme included debate, elucidation, composition and cultural demonstration as an integrated process of art education.
- (v) **Study Project on Art Education in Jaintia Hills District** : In May-June '89 and September '89. The Project was connected with the study of arts and crafts, e.g., goldsmithery, blacksmithy etc. in Jaintia Hills. The materials collected have proved immensely important in context of the development of art education in Meghalaya.

#### 7. Students intake in the Participation Programmes :

About 300 students from the three Schools in Mawngap participated at the academic and cultural programme held on 25th July, 1989, at St. Paul's High School, Mawngap.

#### 8. Faculty Position :

- 1. (a) Name of Teacher : Dr. H. B. Ngap Kynta  
(b) Designation : Professor and Head  
(c) Specialisation : Social Science, Art theorisation, Research and Criticism.
- 2. (a) Name of Teacher : Mr. D. L. Kharmawphlang  
(b) Designation : Lecturer  
(c) Specialisation : M. A. in English with specialisation in Modern Literature.
- 3. (a) Name of Teacher : Mr. M. H. Barbhuiya  
(b) Designation : Lecturer  
(c) Specialisation : B. Fine (5 years degree in Fine arts and crafts) with specialisation in painting and history of arts.

#### 9. Extension Lecture :

- (a) Name of the teacher and Topic :- Prof. H. B. Ngap Kynta delivered talk on 'Life and Work of Late Mavis Dunn Lyngdoh'.
- (b) Date : June 9, 1989.

10. **Seminar/Symposia/Workshop** (attended and organised)

A. Prof. H. B. Ngap Kynta - (i) Presented paper 'Cartology - a recourse to relief' at the International Seminar on Digital Cartography held during 8-12 November '89 at Dehradun.

(ii) On 23rd March '90 a paper entitled 'Art as a career in Modern perspective' was presented at the International Seminar at New Delhi, sponsored by the India International Rural Cultural Centre.

B. Mr. D. L. Kharmawphlang (i) Presented paper entitled "*The essence of Art criticism*" in the Symposium organised by Centre for Creative Arts, NEHU, from 18-20 July, 1989.

(ii) Participated in the Seminar on "Inter disciplinary approach to folklore" organised by Centre for Literary and Cultural studies. NEHU.

(iii) Organised as one of the co-ordinators *A Symposium on Art and Aesthetic* at Centre for Creative Arts, NEHU from 18-20 July, 1989.

(iv) Organised as one of the co ordinators *A Discourse on film and film shows* at the Centre for Creative Arts, NEHU on 27th and 28th October, 1989.

(v) Delivered a lecture on *American Folk Music in the Mid 20th Century* in a Seminar on "Western Music" organised by the Regional Training Institute, All India Radio, Shillong on October '1989.

C. Mr. H. M. Barbhuiya - (i) *Attended Symposium on Art and Aesthetic* organised by the Centre for Creative Arts, NEHU from 18-20 July, 1989. Paper presented - "Development of Fine Art in Meghalaya".

(i) Attended colocium on *Problem of Practicing fine arts in North-Eastern Region* organised by Disharee (a cultural Organisation) of Silchar, Assam on 12th January 1990. Delivered the keynote talk on "Problem of practicing fine arts in North-Eastern Region".

(iii) Attended as a invited participant a seminar on Prasar-Bharati Bill 1989, organised by Indian Institute of Mast Communication and North Eastern Hill University on 16th and 17th March, 1990 at Shillong.

(iv) Organised as one of the co-ordinators a Symposium on *Art and Aesthetic* at Centre for Creative Arts, NEHU from 18-20 July, 1989.

(v) Organised as one of the co-ordinators *A discourse on film and film shows* at the Centre for Creative Arts, NEHU, on 27th and 28th October, 1989.

11. **Publication :**

A. Prof. H. B. Ngap Kynta -

(i) Book : "Art History of Meghalaya" (under printing).

B. Mr. D. L. Kharmawphlang - (i) BOOK : Collection of poems in English entitled 'Poems' (under printing).

(ii) Paper : "A Look at two contemporary Khasi Poets" published in Umiam, a literary and cultural Journal.

(iii) Poem entitled "Every day images" published in poetry chronicle, Bombay.

C. H. M. Barbhuiya - (i) Discussion with Internationally renowned painter Jogen Choudhury on "Contemporary Indian Art Science" published in Umiam; a literary and cultural journal.

12. **Research Programmes, if any :**

(a) Dr. H. B. Ngap Kynta : "Art Education of Meghalaya" - Study project".

(b) Mr. D. L. Kharmawphlang : "Attributes of Khasi Folkloristics" for Ph.D.

13. Any Other Remarks :

A. Mr. D. L. Kharmawphlang :

- (i) Assisting Khasi Department in teaching Literary criticism and Drama since September, 1989.
- (ii) Co-ordinated Youth Programmes on All India Radio, Shillong.
- (iii) Recited self-composed poems in All India Radio, Shillong.
- (iv) Participated in various poet's Meet and recited self-composed poems.
- (v) Acted as judge in various debates and music competition programmes.
- (vi) Awarded a Grade (B) in music proficiency by the All India Radio, Calcutta April, 1986.
- (vii) Interview published in 'Dongmusa' (Khasi Weekly).
- (viii) Review of collection of self-composed poems appeared in 'CHANDRABHAGA' in August '89 issue.
- (ix) Organised as NEHU nominee - "Group Exhibition of paintings, drawing and prints at Meghalaya Artists' Guild as part of the Shillong Autumn Festival, Festival, 1989.
- (x) Departmental correspondent for NEHU News letter.

B. M. H. Barbhuiya :

- (i) Solo exhibition of paintings, drawing and wood-cut prints held at Guwahati State Art Gallery, from 19th to 23rd December, '89.
- (ii) Participated in joint Exhibition of Paintings, drawing and prints at Silchar, organised by Disharee Cultural Organisation from 10th to 12th January, 1990.
- (iii) Participated in Group exhibition of Paintings, drawings and prints of Meghalaya Artists' Guild, at Shillong, organised by Shillong Bangiya Sahitya Parisad from 24th to 29th August, 1989.
- (iv) Participated in Group Exhibition of Paintings, drawings and prints of Meghalaya Artists' Guild at Shillong State Central Library Complex, organised by NEHU as part of the Shillong Autumn Festival, 1989.
- (v) Organised as NEHU nominee - A group exhibition of paintings drawings and prints of Meghalaya Artists' Guild as part of the Shillong Autumn Festival, 1989
- (vi) Interviews published in 'Ajir Ahom' (Monthly Journal) in November 1989 issue.
- (vii) Reviews, write-ups on paintings, drawings and print appeared in most of the leading Indian dailies and weeklies during the year 1989-90.
- (viii) Good numbers of drawings and wood-cuts prints re-produced in "Indian Literature" (a Sahitya Academi journal, New Delhi) and some other poetry collections literary and cultural journals during the year 1989-90.
- (ix) Acted as judge of various art competitions held at Shillong during the year, 1989-90.
- (x) Conducted a discussion, "Necessity of State Art Gallery in Meghalaya" organised by AIR, Shillong for broadcast in 1989.

14. **Nomination/Election to Academic Bodies/Advisory Committee :**

Mr. D. I. Kharmawphlang - Member of the Editorial Board of the State Resource Centre, Centre for Adult and Continuing Education, NEHU.

Mr. M. H. Barbhuiya - Member of the Editorial Board of the State Resource Centre, Centre for Adult and Continuing Education, NEHU.

## CENTRE FOR SCIENCE EDUCATION

### Introduction :

The Centre for Science Education, earlier called the Centre for Science & Mathematics Education was conceived with a view to communicating a conviction that basic Sciences and Environment can both be understandable. It, therefore provides experimental opportunities for learning things that are difficult, if not impossible through school, classrooms. The Centre is not a substitute for other schools of learning but it provides a fascination with learning that cannot be found elsewhere and facilitates traditional teaching at all levels.

The Centre for Science Education is dedicated to :—

STIMULATE	THE CONTENT	STUDENT	
ENCOURAGE	PRINCIPLES OF METHODOLOGY THROUGH	TEACHERS	
	SCIENCE	INTERAC-	
	AND SCIENTIFIC	TIONS AND	
QUESTION	METHODS OF	CHANGE	RESEARCHERS
	MEDIA	AMONG	
EXPERIMENT and			SCIENTISTS
			EDUCATORS
			AND THE
EXPOSE	INNOVATIONS		COMMUNITY
			as a whole.

As the activities of the Centre increase we hope to set up a modest set of museum related facilities including, science play room, science play ground, energy park, thematic & participatory exhibition, auditorium-cum-videx & science demonstration room, observatory and workshop etc.

At the Centre, Six Laboratories, one each for Physics, Chemistry, Biology, Mathematics, Primary Science and impact Evaluation will be set up. Each Laboratory will contain facilities to accommodate at least 30 participants at a time. these laboratories will be available on a shared basis to outside institutions for trying out new Laboratory Programmes. It will also have a workshop.

The Laboratories the workshop will be thrown open to the students for their Laboratory work and new creative exercises who otherwise do not access to scientific equipment and apparatus freely.

The Centre will augment new-curricular materials, teaching aids and innovations. Research laboratories for the improvement of teaching and learning of Science and Mathematics Education for teachers, scientists, educators, psychologists and researchers will be established.

In the matter of popularisation of Science and Mathematics, the first programme is to popularise science & mathematics by actually trying out some activities to expose the students to open enquiry and thereby arousing in them a questioning behaviour. It will cover wide variety of programmes like (i) Meet the Scientist, (ii) Amateur Radio, (iii) Electronic Hobby Centre, (iv) Popular Lectures and Demonstrations (v) Participatory Exhibit Area, (vi) Open House (vii) Quests and debates, (viii) Camps and Field Trips, (ix) Film and Video Shows, (x) Exhibitions and Olympiads, & (xi) Various Science Club activities.

The second phase of this programme will be divided into three sections : (i) New curriculum and enrichment materials developments, (ii) In service teacher's training, refresher courses, problem solving programmes, (iii) Underachievers, Gifted and Motivated students programmes.

In order to make science learning a meaningful experience for the Centre's participants, the local scene and life patterns must be the backdrop, against which the drama of science is presented and understood. The central core area of investigation which draws on this backdrop for its analogues, then becomes the foundation of our programme.

The centre proposes to research on the level of sophistication found within such core areas, the interests, levels of complexity and refinement at a quantitative and qualitative degree to fit their needs and abilities.

Since Science and Mathematics Education is a continuous process from the earliest to the post graduate level, we feel that awareness of such aspects which are relevant to all, should also fall within the parameters of the Centre's interest. Science in kitchen, mathematics in daily life, health hygiene and normal body, food and nutrition, energy and environment are subjects of great relevance to all.

The Centre proposes to develop such programme packages which could be of direct relevance to the consumers of science, technology and mathematics, and execute the same in order to develop multiple interactions and bring about a change among the community at various levels.

#### **Other Important Priorities of the Centre Are :**

- (a) **Audio-Visual Programme and Emphasis,**
- (b) **Computer Education and Computer Aided Instruction and**
- (c) **Integrated Reserch Programme & Measurement Designs.**

Name of the Head : Dr. Man Mohan Singh

Dates of Meetings : Advisory Committee - 25th November, 1989.  
Steering Committee - 30th October, 1989.

#### **Courses Conducted :**

The Centre has neither an entry nor exit point. It does not give any course leading to Certificate, Diploma or Degree. However, it has a plan to initiate action-cum-experimental research and only thereafter the students pursuing research in the field will be given the opportunity to prepare themselves for research degrees.

Nevertheless the Centre has developed courses for motivated, gifted and underprivileged students and for the community in general. Various courses given at the moment by the centre are as follows :

- (a) **Courses on Computer Appreciation :**
- (b) **Course on Words Processing & Other Utilities :**
- (c) **Remedial Course on Botany, Zoology, Physics, Chemistry and Mathematics for under Prevedged Students, I. E. for Tribal Students.**
- (d) **Course on Amateur Radio.**

## Other Activities :

### (a) Popularisation of Science & Mathematics.

The National Science Day was celebrated in the month of February and continued till late April.

Participants attending the programme were :

at Shillong	1603	Mixed Clientele
at Nongbah	1059	Mixed Clientele
at C. S. E.	128	School Students & Teachers.

### (b) School Visits :

Of late the Centre has become popular with the schools. It has been receiving individuals, groups and school teams for its various programmes.

The Centre offers on every Saturday an open visit programme to school teams, when the school teachers can bring a team of not more than 60 students including the teachers. They are involved in the centre in creative exercises of science for four to six hours and are given exposure to easy to understand experiments, Video shows, Star Lab Demonstration, Amateur Radio Demonstration play with Computers and participatory interactive exhibits to do and understand science.

Participants 445 Students & Teachers Non-classified.

### (c) Discovery Interactive Exhibits in Villages :

One of the most popular programme of the Centre to involve the students of all ages is the Discovery Interactive Exhibits in the Villages. We have carried the exhibits to three places last year and got a very encouraging response.

Participants 725 Mixed Clientele.

Discovery interactive exhibits fascinated the children and adults alike.

### (d) Participatory Exhibits :

The participatory exhibits in a corridor which was made open to the visitors proved to be an important component of the centre to introduce enquiry form of learning and job of discovery among the visitors in a non-formal setting.

Visitors registered	143
Rewards and Certificates given to	10

### (e) Amateur Radio Demonstration :

Demonstration of Amateur Radio remained at the low profile because of the want of some accessories and Antenna systems. Only two demonstrations involving 43 students were organised. However after getting yagimultiband antenna this activity will become more exciting to the community.

### (f) Video Shows :

Audio Visual section of the Centre offers video shows to schools, institutions and group of individuals for the purpose of popularisation of science. It also invited them to its premises for video viewing and Nation Wide Class Room Programmes. The visitors can also borrow a cassette a day to view at home or in the schools.

Participants who came for Video viewing	1030
Schools or individuals who borrowed the cassettes	32

This year nearly 60 titles have been recorded and added to the centre's collection.

### **Enrichment and Improvement Programmes :**

The Centre every year initiates quite a few programmes to enrich school and college level education by providing supplementary instruction facilities and interaction. Basically such programmes cater to the needs of disadvantaged and gifted students.

For disadvantaged group, that is, scheduled tribes and castes, the following remedial courses were introduced.

Remedial Course in Botany.

Remedial Course in Zoology.

Remedial Course in Chemistry.

Remedial Course in Physics.

Remedial Course in Mathematics.

For the gifted students the following full term courses have been introduced.

- i) Non-formal Course on Computer Appreciation.
- ii) Course on Word Processing & other utilities.
- iii) Course on Amateur Radio.

### **Demonstration of Low Cost Teaching Aids :**

Demonstration of low-cost teaching aids of nearly two hundred objects (AIDS) was arranged at three places in Nagaland.

The programme was followed up with the night sky viewing programme :

Participants            270            Post Graduate Students.

### **Astronomy Through Star Lab :**

Thirty two session involving 20 to 30 students each were organised to expose to astronomy using Star Lab in an interactive way. Students discovered the constellations of that night, learned how to identify directions and discovered concepts associated with the movement of celestial objects.

Participants            334

573

907

(Mostly school students)

### **Awareness Programmes :**

#### **a) Hand Outs on Amateur Radio :**

A set of hand outs covering the content on the basic theory of electronics and rules and regulations of communications and standard codes and abbreviations were developed, distributed and tried out. It may require many changes before these are given a final shape.

#### **b) Revision of Video Catalogue :**

Since this year we have recorded nearly 60 new titles on different subjects, the catalogue developed for the benefit of the users is being updated.

#### **c) Designing the Programmed Instruction :**

#### **d) Designing of the Programmed Instruction on Course on Amateur Radio :**

Try out of Computer Aided Instruction for CW training was done this year. needs some alterations before it is produced for final use.

## Development of Computer Education Programme for School Going Students :

The recently developed programme on Computer Education for Secondary School students is under trial Regular feed is collected and the content of the Course is evaluated with a view to develop easy-to-understand and practice handouts in an inquiry form.  
**Try Out of Computer Aided Instruction for CW Training :**

Two student of the course on Amateur Radio are trying out the self study package on CW Training which gives practice for receiving only at different speeds.

We have collected some software on science subjects but systematic trials will be made only after we get staff support in the centre.

### Computerisation of the University :

An international research project on computerisation of the university is under process. The centre for Science Education has been indentified as a coordinating unit from the North Eastern Zone. Four universities from India and a University from Canada are collaborating in the project.

Research plans has the approval of the MHRD UGC and Indo- Canadian Shastry Institute. The North Eastern Hill University has formally accepted the collaboration. Research design and the phase wise plan is available in the Centre for further information.

### Students Intake in the Courses :

Long Term Programme :	Participant's Profile Programme wise				1989-90.
	Culture		Sex		Total
	Tribals SC/ST	Non Tribal	Male	Female	
a) Non formal Course on Computer Appreciation	5 16	11 32	11 31	5 17	16* 48**
b) Course on Words Processing.	7 11	5 4	5 11	7 4	12* 15*
c) Course on Amateur Remedial Course :	6	4	9	1	10S
Botany —	74	—	49	25	74
Zoology —	74	—	49	25	74
Chemistry —	108	—	71	37	108
Physics —	108	—	71	37	108
Mathematics —	8	—	63	15	88
e) Electronics Club	4	3	7	—	7

### Faculty Position :

Name of the teacher : Man mohan Singh  
 Designation : Reader.

The Centre for Science Education, North Eastern Hill University has been recognised as one of the co-ordinating University to an international effort of "Computerisation of the University". The Centre has undertaken to co-ordinate and conduct research on the project "APPLICATION AND SOCIAL IMPACT OF COMPUTER TECHNOLOGY

**IN HIGHER EDUCATION:**

**Projects and Schemes :**

- a. COMPUTER EDUCATION IN SCHOOLS & COLLEGES.
- b. AUDIO-VISUAL RESEARCH CENTRE.
- c. SCIENCE EXPO
- d. IMPROVEMENT OF SCIENCE AND MATHEMATICS EDUCATION IN THE NORTH EASTERN HILL AREAS.

**Any Other Remarks :**

The Centre extended full help and supported the following programmes organised by different organisations. It also organised a full day session for each of the following programmes in the Centre's premises.

**PARTICIPANT**

Culture		Sex				Statewise						Total
Tribal		Non- Male	Fem-	MG	MZ	MN	TR	AS	AG	NG		
SC	ST	Tribals	ale									
a) *	22	15	30	7	12	14		11				37
b) *	9	14	19	4								23
c) S	9	18	22	5	5	2	1	9	5	3	2	27
d) %			25	..								15

**NOTE :**

- a) \* NCERT WORKSHOP - TEACHERS INVOLVEMENT ON DISCOVERY CORNER.
- b) \* SBI OFFICERS , COURSE ON COMPUTER APPRECIATION.
- c) S SBI OFFICERS - COURSE ON COMPUTER APPRECIATION.
- d) % ENTREPRENEUR DEVELOPMENT PROGRAMME (CAMP) FOR THREE DAYS IN THE CENTRE ORGANISED BY EDP OFFICER (NON-CLASSIFIED).

MG	—	MEGHALAYA	AS	—	ASSAM
MZ	—	MIZORAM	AG	—	AGARTALA
MN	—	MANIPUR	NG	—	NAGALAND
TR	—	TRIPURA			

**Centre is the first :**

Of its own kind in the Indian Universities.

## CENTRE FOR LITERARY AND CULTURAL STUDIES

### 1. Introduction :

In 1986 the CLCS initiated four research projects on Khasi Language, Khasi Folk Songs, Festivals and Rituals of Meghalaya, Mizoram and Nagaland and Oral Literature in pursuance of the decisions of the Advisory Committee approved later by the Academic Council. Projects report on two projects, (1) *Collection and Documentation of Khasi Folk Songs* and (2) *Collection of Data for the Study of Reduplication in Khasi Language* were finalised in 1988-89. Work in the project on the *Festivals and Rituals of Meghalaya, Mizoram and Nagaland* is still continuing. *Nongkrem Festival* of Khasi Hills and *Behdaien Khlam Festival of Jaintia Hills* have been studied. Besides doing elaborate field research, video and audio recordings were done. Work on the study of *Wangala Festival* of the Garo Hills is proposed to be done in 1990. Work on a Project on the *Study of Phawar in Khasi* was started in 1989. Besides conducting research on these projects the CLCS is also conducting a Certificate Course in Folkloristics (One Semester Course) as approved by the Academic Council in 1988. Seminars and Symposia have also been organised. The members of the faculty were academically active during the year as would be evident from their participation in seminars, conferences etc., publications and research activities indicated under appropriate items of the Report.

2. Name of the Head of the Centre : Dr. Soumen Sen.

3. Dates of the Meeting of :

i) Advisory Committee :

ii) Steering Committee : (1) 24 May, 1989, (2) 30 June, 1989, (3) 10 July, 1989, and (4) 30 Aug, 1989.

4. Courses Conducted :

Certificate Course : Certificate Course in Folkloristics.

Duration of the Course : One Semester

In 1989 two students from Shillong were admitted but they discontinued due to personal difficulties.

5. Seminars/Symposia etc :

The CLCS organised a *Symposium on Interdisciplinary Approach to Folklore Studies* on 5th December, 1989. The Symposium was inaugurated by Prof. Iqbal Narain, Vice-Chancellor, NEHU and presided over by Prof. J. B. Bhattacharjee, Dean, School of Social Sciences. Besides the theme paper presented by Dr. Soumen Sen, Head, CLCS, six papers were presented by Dr. H. W. Sten, Head, Department of Khasi ('Folklore : A Source of Literature vis-a-vis Khasi Literature'), Prof. A. P. Sinha, Head, Department of Anthropology ('Folklore and Anthropology'), Dr. G. Sengupta of the Department of History ('Folklore and Archaeology : A Preliminary Note'), Dr. S. C. Daniel of the Department of Philosophy ('Folklore and Philosophy'), Prof. J. P. Singh of the Department of History ('A Historical approach to Folklore') and Dr. A. N. Jaiswal, Deputy Director, NERC-ICSSR ('Folklore and Psychology'), Miss N. Ganguly, Lecturer, CLCS prepared a report on the Symposium and Mr. P. Jhingan, Lecturer, CLCS, gave the vote of Thanks.

6. Students intake in the Course :

In 1989 only two students from Shillong could be admitted to the Certificate Course in Folkloristics although there were as many as 16 candidates from outside Shillong both the candidates from Shillong, however, withdrew their candidature later on personal grounds. The Steering Committee of the CLCS therefore decided to request the Vice-Chancellor for instituting a few scholarships for the Course which is awaiting a decision.

7. Faculty Position :

Name	Designation	Specialisation
Dr. Soumen Sen	Reader & Head	Folklore
Mr. Jhingan	Lecturer	Language and Festival Studies.
Ms. N. Ganguly	Lecturer	Oral Literature.

The above mentioned specialisation are as per the decision of the Steering Committee in its meeting of 24.5.89 and 10.7.89.

8. **Extension Lectures :**

i) Name of the Teacher : Dr. Soumen Sen.

Topic : 'Folk Art and Culture' at the All India Radio Regional Training Institute for Programme Executives.

Date : 28 August, 1989.

Topic : 'Charlie Chaplin : Life and Work' at the Centre for Adult and Continuing Education, NEHU.

Date : 22 September, 1989.

9. **Seminars/Symposia/Workshops/Conferences** (Attended and organised).

9.1. **Dr. Soumen Sen**

- i) *Participated in a Colloquium on Social Enquiry : Perspectives and Methods : Some Issues*, sponsored by the NERC - ICSSR and organised by the Department of Anthropology, NEHU, 12 July, 1989.
- ii) Presented a paper : 'Urbanisation, Environmental Changes and Erosion in the Traditional Values and Practices' in a *Workshop on Environment Conservation and Development* organised by Meghalaya Science Society, 3-5 August, 1989.
- iii) Participated as a Resource Person in a *National Seminar on Nehru and the Disadvantaged*, sponsored by the North-East India Council for Social Science Research, 25-26 September, 1989.
- iv) Presented a paper : 'Political Implications of a Khasi Taboo' in the Decennial Session of North-East India History Association, 12-14 October, 1989.
- v) Presented a paper : 'Current Trends in Folklore Studies in India : Need for Inter-disciplinary Approach, and presided over an academic session in a *National Seminar on Folklore Studies in Modern India*, Delhi University, 16-17 October, 1989.
- vi) Presented a paper : 'Religion Movement combined with Social and Educational Movement : The Seng Khasi Experiment' in a *Seminar on Social Movement in Meghalaya*, sponsored by North-Eastern Regional Centre of the Indian Council of Social Science Research and organised by Dr. A. K. Barua (Director of the Seminar) of the Department of Political Science, NEHU, 19-20 October, 1989.
- vii) Presented the Theme paper in the *Symposium on Inter-disciplinary Approach to Folklore Studies*, Centre for Literary and Cultural Studies, NEHU, 5 December, 1989.
- viii) Presented a paper : 'Homology Between Myth and Rituals : A Study of two Jaintia Myths', presided over an academic session and addressed the Valedictory Session of a *UGC National Seminar on Folk Myths* at Calicut Unlveristy, 7-9 February, 1990.
- ix) Participated in a *Seminar on Autonomy for Akashvani and Doodarshan* sponsored by Indian Institute of Mass Communication and organised by North-Eastern Hill University, 16-17 March, 1990.
- x) Participated in the meeting of the Sub-Committee of Indian Council of Social Science Research for *Promotion of Research in Social Sciences in North-East India*, 25th March, 1990.

## 9.2 Mr. P. Jhingan :

- i) Organised as Convener of the Organising Committee a cycle of conferences by Prof. J. C. Gardin, Director of Research at the Centre National de la Recherche Scientifique (CNRS) and Director of Studies at the Ecole des Hautes Etudes en Sciences Sociales - Paris at NEHU, Shillong from 6 to 21 October, 1989. Prof. Gardin was invited by the Vice-Chancellor, NEHU, Prof. Gardin gave Lectures on Semiotics, Artificial Intelligence and Humanities, Reasoning Process in the human Sciences, the emergence of Practical Epistemology the Computational Paradigm in the Cultural Studies.
- ii) Organised as In-Charge of the Entrepreneurship Development Programme of NEHU a 3-day Entrepreneurship Awareness Camp at NEHU, Shillong from 27 to 29 November, 1989. This was organised by Entrepreneurship Development Programme, NEHU and Department of Science and Technology.
- iii) Participated as an expert faculty member in a Workshop on Ethnography of Communication by Department of Anthropology, NEHU, and Central Institute of Indian Languages held at NEHU Shillong from 30 October to 18 November, 1989.
- v) Attended a Symposium on Inter-disciplinary Approach to Folklore Studies conducted by CLCS, NEHU on 5 December, 1989.

## 9.3 Ms. N. Ganguly :

- i) Attended the Symposium on Inter-disciplinary Approach to Folklore Studies conducted by CLCS, NEHU on 5 December, 1989, as Rapporteur.

## 10. Publications :

### 10.1 Dr. Soumen Sen :

- i) 'Changing Face of Khasi Religion', *The Changing Face of Religion*, Ed. James A. Beckford and Thomas Luckman, London, Sage Publication, 1989.
- ii) 'Development in a Tribal Setting : A Case of Meghalaya', *Tribal India : Problem, Development Prospect*, Ed. M. K. Raha and P. C. Coommar, New Delhi, Gian Publishing, 1989.
- iii) 'Problem of Preservation and Documentation of Artifacts and Folkart of North-East India : A View Point', *Journal of NEICSSR*, Vol. 13, No. 2, 1989.

## 11. Research Programmes, if any :

### 11.1 Studies in Festivals and Rituals of Meghalaya, Mizoram and Nagaland.

As a part of this Project, *Behdien Khlam Festival of Jowai*, Jaintia Hills, was studied in July, 1989. Video and Audio recording was done. The study was conducted by Dr. Soumen Sen, Head, CLCS.

### 11.2 Collection, Translation and Study of 'Phawar' in Khasi :

Work in the Project began in October, 1989 after it was approved by the Steering Committee and sanctioned by the Vice-Chancellor. Ms. N. Ganguly, Lecturer in the Centre, is working in the project.

**12.1 Mr. P. Jhingan :**

- i) Worked as a member of the Academic Committee of CEDT, Imphal (A Department of Electronics and Manipur University Venture).
- ii) Worked as a Council member of the Institute of Advanced Studies in Science and Technology, Assam Science Society, Khanapara, Guwahati.
- iii) Invited as member of the Vidyalaya Management Committee of the Kendriya Vidyalaya, Happy Valley, Shillong.
- iv) Taught M. Phil (Course Work) in French at NEHU.
- v) Worked as In-Charge of Entrepreneurship Development Programme of the University.
- vi) Worked as member of the Executive Committee of the Radio Amateur's Club of Centre for Science Education, NEHU and Working Group on the Course of Amateur Radio.
- vii) Audited and did a Semiotic Study of the Nongkrem Dance/Festival at Smit. This is in continuation of study started since 1984.

**12.2 Ms. N. Ganguly :**

- i) Conducted classes in Khasi Department in Paper XV (Khasi English Fiction) for the 4th Semester in June-July, 1989.
- ii) Conducting research towards Ph.D. degree in English Literature in the Department of English, NEHU.

**REGIONAL SOPHISTICATED INSTRUMENTATION CENTRE,  
Shillong**

**Introduction :**

The RSIC - Shillong was formally inaugurated on 7th July 1984. The Centre is fully supported by the Department of Science and Technology, Government of India to offer analytical and instrumentation facilities to the Scientific Community in particular and the people in general of the region, Department of Science and Technology Financed the acquisition of a larger number of Sophisticated Instruments.

**Analytical Instruments available at the Centre are as follows :**

1. **Uv-Vis Spectrophotometer :**
  - a) Beckman - 26
  - b) Cary - 2300 (UV-VIS. NIR, VARIAN)
2. **Infrared Spectrophotometer :**
  - a) Perkin Elmer - 297
  - b) Perkin Elmer - 983
  - c) D. S 3.16 (Bomen) FT - IR
3. **Electron Microscopes :**
  - a) JSM - 35CF Scanning.
  - b) JEM 100 CX. 11, Transmission
  - c) EDAX (LINK 1000)

4. Mass Spectrometer
5. Magnetic Resonance
6. High Performance Liquid Chromatograph.
7. Liquid Scintillation Counter
8. ISO Electrofocussing
9. Ultra Centrifuge
10. Ultra Microtome
11. Liquid Nitrogen Plants (Two)
12. New Equipment :

An Inductively Coupled Plasma Sepctrometer Labtam 8440 M (Sequential and Simultaneous) was ordered in February, 1990.

**Name of the Head/Director of the Centre :**

Dr. D. T. Khathing.

**Date of Meeting of :**

a) Advisory Committee.

The 8th Advisory Committee held on 16th May, 1989 and the 9th Advisory Committee Meeting on 13th November, 1989.

**Courses Conducted :** Nil

**Other Activities of the Centre :**

The Centre continues to provide the analytical service to the Scientist and Research Scholars, of the host Institution as well as to the users from the region and out side the region. The Centre has also set up a maintenance section of Electronics, Electrical, Refrigeration and Air-Condition, and undertakes jobs for NEHU as well as external parties.

**Students Intake in the Courses :** Not applicable

(SC/ST/Genl) (Male/Female).

**Staff Position :**

- |  |     |
|--|-----|
| 1. Professor, RSIC/Professor -in-charge, RSIC. |     |
| 2. Scientific Officer                          | — 2 |
| 3. Sr. Technical Asstts.                       | — 6 |
| 4. Store in-charge                             | — 1 |
| 5. Sr. Assistant                               | — 1 |
| 6. L. D. C.                                    | — 2 |
| 7. Attendant                                   | — 1 |
| 8. Peon  | — 1 |

**Extension Lectures :** Weekly (Internal only).

**Seminar/Symposia/Workshop (Attended and Organised).**

- i) The Centre in collaboration with Variable Energy Cyclotron Centre Calcutta and the Indian Vacumm Society Zonal Chapter Calcutta organised a Regional Workshop on Vacumm Science and Technology held on 18-21 of July, 1989. The

external speakers included Dr. Bikash Sinha (VECC BARC, Calcutta) Dr. R. K. Bhandari (VECC Calcutta) Dr. S. K. Parthasarathi, (VECC, Calcutta) and Dr. S. N. Chintalapudi (VECC, BARC Calcutta) Dr. B. B. Baliga, President IVS, ZC Calcutta. Certificates were issued to 20 active participants.

ii) Mr. Sapu Changkija was deputed to the Indo French School on Electron Microscopy on Material Science from 15th to 25th January, 1990, held at the National Physical Laboratory, New Delhi.

iii) **Collaborated in :**

(a) "Beyond the human eye" Exhibition March 19-23, 1990 organised by Meghalaya State (S & T Cell.)

(b) Workshop on Soldering and Desoldering Techniques in March 19, 1990, organised by Meghalaya State SISI and DIC (industries).

iv) **Participated in :**

(a) NE Region S & T Workshop, Shillong, September 21-23, 1989.

(b) Nagaland State S&T Council Meeting on 5.12.1989.

(c) Entrepreneurship Awareness Camp November 27 to 29, 1989 with NEHU EDP Section.

**Publications :**

1) Basu Baul T. S. and Debashish Dey, Dioxouranium (vi) Complexes of some 5-Azoxines and an example of water soluble axoxine uranium (vi) Complex, Synth. React. Inorg. Met-Org. Chemistry 19 (2), 101-112 (1989).

2) Basu Baul T. S. Modified microcumbustion Techniques for Nitrogen estimation in organisation Complexes of O-Carbazoxine ital *Technol*; 27, 270-71 (1989).

3) Sudip Dey, Basu Baul T. S. Roy and Debashish Dey. A new rapid method of air drying for Scanning Electron Microscopy using tetremethylsilane, J. Microscopy, 156(2) 2 9-61 (1989).

4) Basu Paul T. S., Debashish Dey, Synthesis and Structural information on Mercury (ii) Chloride Complexes with some mono-ortho substituted medially metallized type azo dyes, Synth. React, Inorg, Met-org. Chemistry 20 (5) (1990).

**Research Programme, if any :**

Government of Meghalaya one year (89-90) Project on water analysis of Shillong area.

**Any Other Remarks :**

(a) Dr. S. Dey (STA) of RSIC-NEHU has been deputed for one month (26 February to 23rd March, 1990) to train on EDAX Micro-Analysis equipment at M/s. Link Analytical Limited England.

b) Dr. Basu has been selected as the reviewer of the Journal Synth. React. Inorg Met-Org. Chemistry (USA).

c) The NER S&T News-letter publishing assignment has been given to the Centre.

d) Dr. Aka Lemtur was awarded the Nagaland State S&T award in 5.12.1989.

## CENTRE FOR ECO-DEVELOPMENT

### 1. Introduction :

The North-Eastern India is predominantly hilly region. Though endowed with vast natural resources, hilly and mountainous topography and high rainfall make the ecosystem very sensitive to disturbances and often otherwise minor perturbations cause irreversible damage to the natural systems of the region. The containment of the damage being caused due to unscientific exploitation of natural resources of this region is most urgently required as any long term developmental planning and policy has to be based on the principles of scientific management and sound conservation of the available resources. Since its inception, the Centre for Eco-development has been striving for the amelioration of the degraded environment and for the halt of further degradation of the natural eco-systems of the region. The Centre has planned three fold strategy for achieving its objectives- they are : research, extension and education. Some of the activities taken in the above broad areas during the year 1989-1990 are outlined in the following paragraph while others are still in the process of concretization.

2. **Name of the Head/Director of the Centre.** : Prof. R. R. Mishra upto 22.11.1989.  
Dr. B. K. Tiwari since 23.11.1989.
3. **Faculty position** : Dr. B. K. Tiwari, Reader.
4. **Students intake in the courses.** : Not, applicable.
5. **Courses conducted :**
  - a) Certificate Courses : Nil.
  - b) Diploma course : Nil. Draft syllabus of diploma course has been approved by the steering and advisory committee of the Centre.

### Other activities of the Centre :

The faculty in the Centre participated in the M. Sc. First Semester teaching programme of the Department of Botany, School of Life Sciences.

### Seminar/Symposium/Workshop (organised and attended) Organised :

The Centre for Eco-Development organised a two days workshop/training course on "Environmental Problems of East Khasi Hills District of Meghalaya" on 27-28 November, 1989 under the environmental awareness campaign of the Ministry of Environment and Forests, Government of India, New Delhi. The target groups of the workshop/training course were village headmen, social workers, members of NGOs, Rotary Club, Rotaract and Meghalaya Science Society, Government servants and college students. Scientists from various research organisation and government departments like Indian council of Agricultural Research, Forest Departments, and senior faculty members from various NEHU department were the resource persons. The Centre for Eco-development was also a Co-organiser of the workshop on "Status of Social forestry in North-Eastern India 27-28 March, 1990.

1. Dr. B. K. Tiwari participated in the Workshop on "Environmental Conservation and Wasteland Development in Meghalaya" held on 3-5 August, 1989. Dr. Tiwari presented a research paper on "Agriculture related problems of land degradation in Meghalaya, India." The Workshop was jointly organised by the Centre for Science and Environment, New Delhi and Meghalaya Science Society, Shillong.

2. Dr. B. K. Tiwari presented a paper on "Man the Key to Conservation" in the workshop/training course on environmental problems of East Khasi Hills district of Meghalaya held on 27-28 November, 1989.
3. Dr. B. K. Tiwari participated in the workshop on "International Environmental Initiatives and Programmes" 12-14th December, 1989, New Delhi organised by the School of Planning and Architecture, New-Delhi.
4. Dr. B. K. Tiwari participated in the workshop on "Renewable Energy Management" 12-13 February, 1990, held at Assam Agricultural University, Khanapara Campus, Gauhati.
5. Dr. B. K. Tiwari attended the Seminar on "Pollution and Environmental Degradation" 29-30 March, 1990 organised by the Centre for Distance Education, NEHU, Shillong. Dr. B. K. Tiwari also presented a paper on "Biosphere reserves and conservation of genetic diversity in north-east India".

## 7. Publications:

Research papers published from the researches conducted at the Centre for Eco-Development.

1. Bhadauria, T. and Ramakrishnan, P. S., Earthworm population dynamics and contribution to nutrient cycling during cropping and fallow phases of shifting agriculture (Jhum) in north-east India. *J. appl. Ecol.* 26 : 505-520 (1989).
2. Patnaik, S. and Ramakrishnan, P. S., Cation budget under terrace agroecosystems in Meghalaya in north-east India. *Proc. Indian Acad. Sci. (Plant Sci.)* 100 : 23-31.

8. **Thrust area of Research** : The Steering Committee of the Centre has identified following thrust areas for research and education programmes of the Centre : 1. Ecological effects of increasing human activities on forest and agroecosystems, 2. ecological effects of different land use practices on land and water resources, 3. conservation of natural areas and genetic materials, 4. conservation and recycling of natural resources, 5. waste utilisation, 6. non-conventional sources of energy, 7. ecological effects of industries and major engineering works, 8. effects of xenobiotics on terrestrial and aquatic systems, 9. rehabilitation of wastelands and degraded ecosystems, 10. socio-economic issues related to developmental activities.

## 9. Research Programmes, if any :

The first phase of Himalayan Eco-development Research Project was completed during the period and the final technical report has been submitted to the Ministry of environment and Forests, Government of India, New Delhi.

The Centre for Eco-development has launched second phase of multidisciplinary co-ordinated himalayan eco-development programme. Following research proposals concerning with action oriented research programmes for the eco-development of Cherrapunjee areas have been received.

1. Land systems in Cherrapunjee watershed : a study of taxonomy, characteristics and interdependences by : Dr. A. C. Mahapatra, Department of Geography, NEHU, Shillong.
2. Assessment and monitoring of land degradation in Cherrapunjee areas by : Dr. B. K. Tiwari, Centre for Eco-development, NEHU, Shillong.
3. Population dynamics of legumes and their role in N-cycling and productivity of Cherrapunjee grasslands by : Dr. H. M. Pandey, Department of Botany, NEHU, Shillong.

4. Studies on depletion of plant genetic resources of Cherrapunjee areas by Dr. Y. Kumar, Department of Botany, NEHU, Shillong.
5. Status of vegetation, recovery pattern, regeneration mechanisms and rehabilitation of degraded ecosystems in Cherrapunjee area by Professor R. S. Tripathi, Department of Botany, NEHU, Shillong.
6. Changing ecosystem, dietary habits and nutritional status of the Khasis in Cherrapunjee area by Dr. R. K. Pathak, Department of Anthropology, NEHU, Shillong.

The projects are being processed for submission to the Ministry of Environment and Forests, Government of India for financial assistance.

During the course of the current year, the Centre for Eco-development was entrusted with the responsibility of preparation of a project proposal for establishment of North-Eastern Regional Biomass Research and Productivity Centre, by the Ministry of Energy, Department of non-conventional Energy sources, (DNES), New Delhi. A proposal to this effect has been submitted to the DNES for financial support.

The faculty of the Centre for Eco-development is also associated with the Core-group of the Social Forestry Support Office : Regional Unit of the National Mission on Wasteland Development established at NEHU, during the current year for the planning, monitoring and evaluation of social forestry and wasteland development programmes in the north-eastern region of India.

#### 10. Any Other remarks :

##### **Distinguished Visitors :**

The Centre for Eco-development has developed linkages with a number of environmental activists and NGO's involved in the environmental movements in the country and abroad. In this connection, Shri Jagadish Godbole, Shri C. J. Awasthi and Shri Neurgaonkar of Jeevan Sanshta, Pune were invited to the Centre for Eco-development for exchange of views and experiences concerning the eco-development and people's involvement in the environmental programmes.

##### **Extension Lectures/Radio talks.**

- |                         |   |                          |
|-------------------------|---|--------------------------|
| a) Name of teacher      | : | Dr. B. K. Tiwari         |
| b) Topic of the lecture | : | Hazards of Heavy Metals. |

### **UNIVERSITY SCIENCE INSTRUMENTATION CENTRE (USIC)**

The University Science Instrumentation Centre of North-Eastern Hill University was established in the later part of the 5th Five-Year Plan period with a sanction of Rs. 10,000,00/-. To begin with, the University Science Instrumentation Centre procured equipment for the general mechanical workshop and these were shifted during the Sixth Plan period to the Permanent Campus and installed in the old USIC Complex (go-down) which is undertaking mechanical work of the University. During the 6th Plan the University Grants Commission sanctioned Rs. 40,000,00/- to promote the USIC to an "A" Grade Centre. However, this money was available only during the 7th Plan. A number of wood processing equipment and other mechanical machines have been purchased from this grant.

A new USIC Complex is being constructed during the 7th plan with a floor area of 8000 sq. ft. and is nearing completion. The machines which are now functioning in the old USIC Complex as well those purchased during the 7th plan will be installed as soon as the new complex is ready with electrical fittings. After installation of all these machines the USIC will be equipped to undertake fabrication of furniture, other steel and wooden materials.

USIC will be furnished with equipment to undertake the fabrication of laboratory equipment and repair and maintenance of the existing scientific instruments in different science departments. The USIC will also be equipped with a full fledged Glass Blowing workshop for which necessary equipment are to be procured. It will start a Central Graphic Section and Electronic Workshop to meet the maintenance requirement of all the electronic equipment in the University. These requirements in the 8th Plan Programme are detailed below :

**8th Five Year Plan Programme :**

1. Full fledged Glass Blowing Workshop :  
This will cater to the need of all the departments of University for glass repairs, fabrication of varieties of glasswares etc.

2. Existing electrical section will be extended.

3. **An electronic Workshop :**

USIC is going to set up an electronic workshop with a view of providing repair facility to all users of electronic equipment in the University.

4. **Central Graphic Section :**

To develop the Graphic section in USIC, to assist the researchers in their view conception. At a later stage, graphic softwares will be developed.

**Existing Staff :**

1. Principal Scientific Officer	—	1
2. Senior Technical Assistant (Mechanical).	—	2
3. Senior Technical Assistant (Electrical)	—	2
4. Senior Technical Assistant (Civil/Draftsman)	—	1
5. Junior Technical Assistant (Electronic)	—	1
6. Technician 'C'	—	1
7. Technician 'B'	—	1
8. Technician 'A'	—	1
9. Attendants	—	5
10. Junior Stenographer	—	1
11. Upper Division Assistant	—	1
12. Lower Division Assistant	—	1
13. Peon	—	1

During the period under review, the Centre received 49 requisition from various departments of the University and rendered services which included fabrication, repair and maintenance of items.

## CENTRE FOR DISTANCE EDUCATION

1. **Name of the Centre** Centre For Distance Education.
2. **Introduction** The Centre has been preparing for the Under-Graduate Programme (BA) to be launched with effect from 1990 session. The course materials have been written and are under editing process.
3. **Name of the Head/Director of the Centre** Dr. B. K. Dev Sarma, Director.
4. **Date of Meetings of**
  - a) Advisory Committee 16th October, 1989.
  - b) Steering Committee 12th August, 1989.
5. **Course Conducted :**
  - a) Certificate Course Food Preservation
  - b) Diploma Course Nil.
6. **Other Activities of the Centre**
  - a) IGNOU Study Centre, Shillong has been shifted to the Centre for Distance Education, NEHU,. At Present seven courses are being managed at the Centre for IGNOU, New Delhi.
  - b) Helping NEC, Staff Selection Commission for conducting Training Programme.
  - c) Helping NEC, SSC, NCERT, Assam Science & Technology and Shillong AIR, for Science Magazine Programme.
7. **Students intake in the Course (SC/ST/Genl) (Male/Female)** Food & Nutrition : All Female Candidates  
ST :- 19 (Nineteen); General :- 27 (Twenty seven).
8. **Faculty Position :**
  - a) Name of Teacher : Dr. B. K. Dev Sarma
  - b) Designation : Reader
  - c) Specialisation : Mathematics Education & Fluid Machanics.
9. **Extension Lectures :**
  - a) Name of the teacher and Topic : Dr. B. K. Dev Sarma.
  - b) Date
    - 1) 18th April, 1989 at Barpeta B. T. College on Teaching & Learning Strategies in the Class - Room.
    - 2) 23rd April, 1989 at Calcutta, All India Science Teachers' Association Conference on Dessemination of Science Through Distance Education.

- 3) 8th May, 1989, at P. G. T. College, Shillong, on Motivation in Class teaching with special reference to Mathematics teaching.
- 4) 4th May, 1989, invited talk at the Annual Conference of Assam Science Society on the Role of Teachers Vis-a-vis Science Education.
- 5) 26th July, 1989, at Assam Engineering College, Jhalukbari, on 'Use of Stochastics Process in Biological Model (Summer School for the Teachers of Mathematics of Engineering Colleges of India).
- 6) Six Talks on Mathematics Education through AIR, Gauhati.
- 7) Four talks on popular Science through AIR, Shillong.
- 8) 14th September, 1989, at B. S. F., Central School, on Mathematics Today at the School level for Central.

10. **Seminar/Symposia/Workshop**  
(Attended and Organised)

- 1) Organised Science Magazine programmes for All India Radio, Shillong twice every months.
- 2) Organised Food preservation course started from 16th August, 1989 to 25th August.
- 3) Organised Examination Guidance programme for All India Radio, Shillong.
- 4) Organised a Regional Seminar on "Population", "Environmental Degradation" in Collaboration with Ministry of Environment and Forest, Govt. of India.

11. a) **Publications**

- a) Two Books on popular Science.
- b) One book on teaching of Mathematics.
- c) One text book on Mathematics for Assam Text Book Corporation (Invited Text Book).

b) **Articles**

A few Articles in the Assam Tribune, Sentinel, Dongmusa and the Meghalaya Guardian.

c) **Journals**

*Computer Race or Rash* (Siksha Pradah) Journal of Board of Secondary Education, Assam.

12. **Research Programme. if any :**

Two students are working with Dr. B. K. Dev Sarma for their Ph. D. Degrees on Mathematics, Education.

13. **Any other remarks :**

Dr. B. K. Dev Sarma of the Centre has been working as Cultural Co-ordinator for AIU, New Delhi. Troops are sent to take part in the National Youth Festival at Banaras Hindu University and Roorkee University.

## CENTRE FOR APPLIED STATISTICS

1st April, 89 - 31st March 90.]

1. **Introduction :** The Centre for Applied Statistics was established in 1985. It's main objectives was to conduct teaching, research and training programme in the field of Applied Statistics.
2. **Name of the Head/Director of the Centre :** Ms. Gitasree Das.
3. **Teaching Programme :** During this session the Centre was responsible for teaching following courses to various post graduates Departments of NEHU as mentioned b low :

<b>Courses</b>	<b>Department</b>
i) Biostatistics	Botany
ii) Biostatistics	Zoology.
iii) Biostatistics	Biochemistry
iv) Basic Mathematics	Biochemistry.
4. **Student intake in the courses : (SC/ST/Genl) (Male/Female)** Nil.
5. **Faculty Position :** Ms. G. Das, Lecturer  
Mr. B. K. Gupta, Lecturer.
6. **Research Programme if any :** Ms. G. Das had been provisionally registered for Ph. D. under the supervision of Prof. K. Bez, Head, Deptt. of Economics, NEHU. The title of the thesis being "Studies on some Estimators in Double Sampling".

## COMPUTER CENTRE

1. **Name of the Centre** : NEHU Computer Centre.
2. **Introduction** : NEHU Computer Centre came into existence in May 1987 with the installation of a Russian Mainframe Computer System EC-1045. In 1989 two PC/XT's were acquired mainly for developing software packages such as payroll for Finance Section and regression analysis programme. The Mainframe is maintained by the Computer Maintenance Corporation which is a Govt. of India Undertaking. It has six terminals which are available for use by NEHU research scholars and faculty members.
3. **Name of the Head of the Centre** : Prof. P. Shukla.
4. **Course Conducted** :
  - (a) **Certificate Courses** : Nil.

- (b) Diploma Courses : Nil.
- (c) Other Courses : Pre-Ph. D. Courses for students of the school of Physical Sciences.
5. **Other activities of the Centre** : The Centre provides mainframe computing facilities to research scholars and faculty members of NEHU. It has also developed software packages for the salary section of NEHU.
6. **Faculty Position** :
- (a) Name of the Teacher : Mr. T. K. Sinha.
- (b) Designation : Lecturer
- (c) Specialisation : Theoretical Physics with application to Numerical Computation.
7. **Any Other Remarks** : Proposals for starting a certificate course and one other course have been submitted to the Academic Council. As soon as the Council's clearance and necessary infrastructural facilities are obtained, teaching programmes would be taken up. One of the most important infrastructural facilities required for the Computer Centre is that of additional space. Two or three more teachers might be needed depending upon what certificate and diploma courses are started in the Centre.

## UNIVERSITY LIBRARY SYSTEM

### Shillong Campus

#### 1. The Library System :

The main library of the system is housed in the Mayurbhanj Palace. In addition to the Central Library, the system has seven departmental libraries for the following Departments :

- (a) Mathematics
- (b) Physics
- (c) Chemistry
- (d) Education
- (e) Sociology
- (f) Centre for Science Education
- (g) Computer Centre

#### 2. Special Collections :

- 2.1 Local Collection contains books and other reading materials on North-East India.
- 2.2 Text Book Collection contains text books required by the P. G. students of various departments.

- 2.3 Census Collection has two parts : (i) census pertaining to North-Eastern States, (ii) census pertaining to India in general and other states of India.
- 2.4 Dissertations - the collection contains about 400 dissertations submitted in this University by Ph. D., M. Phil, M. Ed., and M. L. I. Sc and M. A. students.
- 2.5 Govt. Reports and Data Bank - the section contains reports issued by the Central as well as State Govts. and other socio-economic data.
- 2.6 Reference Collection - contains books of general reference nature, as yearbooks, encyclopedias, annuals, and other general information sources.
- 2.7 Khasi Collection - contains books in Khasi language.
- 2.8 Gandhiana - contains major works by and on Mahatma Gandhi.
- 2.9 Bibliographies - this collection provides bibliographical and reference sources for retrospective research.

### 3. Collection :

- 3.1 The library system was having a total collection of 121, 535 books and 21862 bound periodicals as on March 1989. During the year 1989-90, 2919 books and 2808 bound periodicals were added to the collection. And now the total collection of books and bound periodicals stands at 1,49,124 volumes for Shillong Campus.  
An amount of Rs. 5 lakhs was available for procurement of books under non-plan expenditure during the year.
- 3.2 Special efforts were made during this year to strengthen the collection of government documents on North-East India. For this purpose, a senior staff was deputed to collect the publications as gratis or on -the- spot purchase from all the state govt. headquarters of the North-Eastern States. About 820 documents were procured by this process. Out of these, 220 publications were purchased and about 600 reports etc. were received on gratis.
- 3.3 A team of six teachers (one from each School) and two library staff were deputed to the 9th World Book Fair held in New Delhi from 12th to 17th Feb. 1990 for selection of books.

### 4. Periodicals Subscribed :

The library system is currently subscribing to 711 foreign and 430 Indian periodicals. Besides this about 100 periodicals are received as gratis. Thus a total of 1241 periodicals are being received in the library.

Most of the Indian periodicals are subscribed directly, while the foreign periodicals are subscribed through 8 agents in India. An amount of Rs. 40.5 lakhs was spent during the year for periodicals subscription.

### 5. Library use and users :

The library system provides services to the University teachers, College teachers, P. G. students, Research Scholars and other categories. Currently, the total membership of the library is 2176. On an average 735 readers use the system and about 467 books are issued daily.

### 6. Readers Services :

#### 6.1 Reprographic Services

About 1,37,000 xerox copies from books, periodical and reports were provided to the P. G. students, research scholars and teaching staff of the University, and an amount of Rs. 39,865.93 was realised as xeroxing charges.

## 6.2 Current Awareness Services :

In the current awareness service, the content pages of the latest journals are xeroxed and provided to the teaching community titled as Current Contents of Periodicals Received in the Library. During the year 20 issues containing 5169 xeroxed pages were provided to the Departments.

## 6.3 Periodicals List :

A computerized list of periodicals subscribed by the library for each department was brought out during the year containing 1141 periodicals.

## 6.4 Recent Additional List :

List of additions showing books added to the library collection, was regularly brought out and the lists containing 6000 books were provided to the Departments.

## 6.5 Select Bibliographies :

The following topical bibliographies were prepared in response to specific requests :

(1) Secularism (2) Bureaucracy (3) Jaiprakash Narain (4) Philosophy (5) Nehru (6) Social change (7) House types and settlement pattern (8) Administrative Culture.

## 6.6 Inter-Library Loan :

1200 pages of xerox copies of the books and articles not available in our library were procured on payment from other libraries for our research scholars.

300 pages of the xerox copies from the books and articles available in our library were provided to other libraries on payment.

## 7. Computerization :

The library system is equipped with a PC-AT (INTEL 80286) with three terminals running on MSDOS and Xenix Operating Systems, with Winchester disk Drive of 120MB, and a Dot Matrix Printer. Data base of 6000 books using WIPRO's WILIMAX software was created during the year, in addition to other house jobs.

## 8. Binding of Books and Periodicals :

The library has an internal Bindery Unit having four binders. The unit completed the binding of 747 volumes of books and periodicals during the year and repaired 242 volumes.

## 9. Academic and Professional Achievements :

### 9.1 Publications

Binwal, J. C. (Editor) :

*Social Science Information : Problems and Prospects*, Delhi, Vikas, 1990 (Book)

"Ligatrac" *IASLIC Bulletin* 35(1), 1990 (Article,

Pathak, Lalit P.

"Socio-economic characteristics of tribal rural settlement" in *Tribal Demography and Development in North-East India*, Delhi, IASP, 1990.

"Population, Education and Literacy" a series of three talks before the meeting of the Heads of the UGC sponsored Population Education Clubs in the Colleges of North-East India, held in NEHU on 24th and 25th Oct. 1989.

## 9.2 Deputation to Seminars and Conferences

Dr. J. C. Binwal attended a Meeting on INLIBNET organized by the Planning Commission at New Delhi on 9th June, 1989.

Mrs. I. Majaw was deputed to attend the Indian Library Association Conference held at Pune.

## 9.3 Qualification added

### 9.3.1 Professional :

Sri Lalit P. Pathak completed his Master Degree in Library and Information Science securing 1st class marks.

Mrs. G. W. Lyngdoh completed her Bachelor of Library and Information Science securing 1st class marks.

### 9.3.2 Academic :

Sri A. Rahman, JLA Passed, B. A.

## 9.4 Teaching and Guidance :

9.4.1 The following officers and other professional staff members have been working as teacher-guides for the B.Lib. Sc. programme of the Department of Library and Information Science regarding the practical aspects of the course :- (1) Mrs. I. Majaw, (2) Lalit P. Pathak, (3) P. K. Mitra, (4) Mrs. M. V. Soanes, (5) R. Sadhu

9.4.2 The following officers and other staff members have been appointed as Counsellors for the B. Lib. Sc. Programme of the Indira Gandhi National Open University :- Dr. J. C. Binwal, Smt. I. Majaw, Sri. Lalit P. Pathak, and Sri. P. K. Mitra.

## 10. Staff Sanctioned :

One post of Senior Computer Operator and One post of Junior Computer Operator was sanctioned during the year.

## 11. Distinguished Visitors :

Among the distinguished persons who visited the library included Justice A. Raghubir. Chief Justice of the Gauhati High Court and Mrs. A. Raghubir; Sri. S. K. Angnihotri and Sri. C. C. Tripathi, both Special Secretaries, Govt. of Meghalaya.

## 12. Library Statistics at a Glance :

	1988-89	1989-90
Total members registered	1667	2176
Collection of Books (No)	1,21,535	1,24,454
Collection of Bound periodical (No)	21,862	24,670
Book Budget 1989-90 (Non-Plan).	Rs. 7 lakhs	Rs. 5 lakhs
Periodical Budget 1989-90	Rs. 36 lakhs	Rs. 40.5 lakhs
Subscription to periodicals published in India	400 titles	430 titles
Subscription to periodicals published in other countries	705 titles	711 titles
Daily average consultation	475	735 readers
Books issued per day.	300	467 books

## MIZORAM CAMPUS LIBRARY

### 1. Introduction :

During the first few year of its existence, the Central Library, Shillong, supplied the basic requirements of books and journals to meet the demand of the students, for reading materials. At the beginning, the Library was managed by one semi-professional Assistant. In 1982, the University authorities appointed one Assistant Librarian to supervise the work and management, and since then it became a virtually independent entity in respect of acquisition of Library requirements.

### 2. Name of the Head of Department/Institution : K. M. Zakhum, Assistant Librarian.

1. Number of books procured from 30th April, 1989 to 31st March, 1990 : 149
2. Number of Journals subscribed : 130

## NAGALAND CAMPUS LIBRARY

### Kohima

### Introduction :

The Nagaland Campus Library started functioning from 1978 to cater to the needs of various departments of this Campus. During that period books were procured by the Central Library, Shillong and sent to the Campus. In the process the books were received late, resulting in inconvenience to our readers. In 1983 the matter was taken up with the Librarian and Vice-Chancellor in the Library Committee meeting and it was decided that the acquisition and processing were to be decentralised at the Campus Level and in August, 1983, it was implemented.

At present the Campus offers courses in Education, English, Commerce, Linguistics, History & Archaeology & Geology. The department of Geology Library is situated in the Science college Campus which is about 10 Km away from the main Campus. For that Library also books are procured and processed by the Campus Library. Detailed statistics is furnished below.

### Faculty Position

Name	Designation	Specialisation
A. K. Kundu	Asstt. Librarian	M. Lib. Science Submitted Ph.D. Thesis at BHU.

### Student Intake :

(a) Enrolment Capacity :	X
(b) Actual Admission under the heading (SC/ST/GEN) (Male/Female).	X
M.A./M.Sc./M.Com/M.ED/B.Lib./M. Lib/ :	X
Ph. D. :	

<b>Courses conducted : (titles only) :</b>	<b>X</b>
<b>Seminars/Conferencocs/Symposia/Extension Programmes Organised and attended</b>	<b>X</b>
<b>Publications :</b>	List enclosed.
<b>Study Tour/Field trips of students :</b>	<b>X</b>
<b>Thrust Area of Research :</b>	<b>X</b>
<b>Research Programme/Research Project : (undertaken during the year)</b>	Was on study leave w. e. f. Oct '87 to Oct '89 and submitted at BHU.

Topic : - "Integration of New Technologies Automating Library Operations"

<b>1. Collections :</b>	<b>Books</b>	
a. Books		16700
b. Nagaland Census Report		225
c. M. A. Education Department Dissertation.		77
d. National Newspaper		8
e. Local Newspaper		5
f. Gen. Magazines		16
g. Unbound Journals		1500
<b>2. Break up of Journal Department wise :</b>		
Total No. of periodicals		110
i. Education		32
ii. English		13
iii. Commerce		21
iv. Geology		25
v. Linguistics		4
vi. History & Archaeology		10
vii. Reference		5
<b>3. Enrolment :</b>		
i. No. of students 1989-90	50	
ii. Faculty Members	24	
iii. Administrative Staff	50	
iv. Special Members	10	
v. Library Staff	7	
<b>4. In the Academic Session 1989-90</b>		
On an average daily consultation	25	
<b>5. Daily Circulation :</b>	50	

6. Yearly Additions :

a.	1979-80	450	Volumes
b.	1980-81	1800	„
c.	1981-82	2600	„
d.	1982-83	1472	„
e.	1983-84	1381	„
f.	1984-85	4655	„
g.	1985-86	1390	„
h.	1986-87	752	„
i.	1987-88	602	„
j.	1988-89	543	„
k.	1989-90	655	„

7. Budget :

A. Periodicals : Rs. 1,14,000/-

B. Books

a.	1979-80	Rs. 50,000/-
b.	1980-81	„ 50,000/-
c.	1981-82	„ 2,00,000/-
d.	1982-83	„ 2,00,000/-
e.	1983-84	„ 2,00,000/-
f.	1984-85	„ 6,25,000/-
g.	1985-86	„ 1,00,000/-
h.	1986-87	„ 2,00,000/-
i.	1987-88	„ 2,00,000/-
j.	1988-89	„ 2,00,000/-
k.	1989-90	„ 2,00,000/-

Year	Book Budget	Periodicals Budget	Annual Addl. Books	Periodicals
1979-80	Rs. 50,000/-	Rs. 30,000/-	(80) 450 Books	32
1980-81	Rs 50,000/-	Rs 30,000/-	(81) 1800 „	36
1981-82	Rs 2,00,000/-	Rs 65,000/-	(82) 2600 „	61
1982-83	Rs 2,00,000/-	Rs 70,000/-	(83) 1472 „	38
1983-84	Rs 2,00,000/-	Rs 70,000/-	(84) 1381 „	64
1984-85	Rs. 6,25,000/-	Rs. 70,000/-	(85) 4655 „	72
1985-86	Rs. 1,00,000/	Rs. 90,000/	(86) 1390 „	94
1986-87	Rs. 2,00,000/	Rs. 90,000/	(87) 752 „	107
1987-88	Rs. 2,00,000/	Rs. 90,000/	(88) 602 „	107
1988-89	Rs. 2,00,000/	Rs. 1,00,000/	(89) 543 „	107
1989-90	Rs. 2,00,000/	Rs. 1,14,000/	(90) 655 „	110

## Back Volumes :

### Department of Education :

1. Journal of Educational Research	1950-80
2. Journal of Experimental Education	-do-
3. Journal of Teacher Education	1970-85
4. Harvard Educational Review	-do-
5. Indian Disertation Abstract	1970-81
6. Indian Education Index	1977-78
7. Indian Educational Review	1966-83
8. Indian Psychological Abstract	1972-83
9. Journal of Higher Education	1975-82
10. Journal of University Education	1962-80
11. Journal of Research & Dev. in Education.	1965-80

### Department of English :

1. Scrutiny all volumes	1960-83
2. Modern Lang. Notes	1960-83
3. Critirium	1965-80
4. Sevance Review	1964-80
5. TLS	1964-80

### Department of Commerce :

1. Economic & Political Weekly	1970-80
2. Harvard Business Review	1965-80
3. Journal of Accountancy Org. & Soc.	1965-80

### Department of Geology :

1. Canadian Journal of Earth Science	1964-83
2. Earth Science Review	1963-83
3. Journal of Geology	1960-83
4. Water resource management	1960-83

## SCHOOL OF AGRICULTURAL SCIENCE & RURAL DEVELOPMENT (LIBRARY)

Medziphema : : Nagaland

### Introduction :

The School of Agricultural Science & Rural Development (SASARD) was earlier the College of Agriculture which was established on 20th October, 1978.

In August, 1979, 145 books were procured by the H. Q. Library on behalf of this institution and handed over to it. With this started the small Library which grew from strength to strength and house in its own building. It has a collection of over 10,000 volumes (including books, bound volumes of pericdicals, and ddcuments received gratis). It also subscribes to some 180 periodicals besides receiving annual reports & newsletters from 27 international agricultural research institutions and all the ICAR research labora-tories on complimentary basis.

**Staff Position :**

1. Professional	:	Three (one Assistant Librarian, one Professional Assistant and one semi-professional Assistant).
2. Library Attendants	:	Three regular, one casual
3. Gate Keepers	:	Two (all casuals).
Book collection	:	(as on 31.3.90).
1. Books	—	8975 volumes
2. Bound volumes of periodicals	—	1227 volumes
3. Documents received gratis	—	350 volumes
		10,552 Volumes
New volumes added during the year	—	556 volumes
Journals Subscribed	—	182 volumes
Members using the library	—	90 (average daily consultations).
No. of Students	—	225
No of Teachers	—	38
No. of Non-teaching staff	—	82
Total Issue during the year	—	11,840 volumes
Average daily Issue	—	62 volumes.

**INSTITUTE OF SELF ORGANISING SYSTEMS AND BIOPHYSICS**

1. **Name of the Department/Institution :** Institute of Self Organising Systems and Biophysics.

2. **Introduction :**

The Institute of Self Organising Systems and Biophysics was started in the year 1986. The aim of this Institute is to conduct interdisciplinary research concerning various aspects of living state. There are mainly two groups of workers who are conducting theoretical and experimental studies on the living state. Besides the research work the Institute also has a programme to impart M. Phil level courses.

During the year 1989-90 two of the faculty members went abroad for short duration. Several projects are currently operating in the Institute under the supervision of various faculty members.

3. **Name of the Head of the Department/Institution :** Prof. R. K. Mishra, Director.

4. **Faculty position in order of Seniority with numerical numbers at Serial under the following heads :**

Sl. No.	Name	Designation	Specialisation
1.	Dr. R. K. Mishra	Director	Biological and Medical Sciences.
2.	Dr. R. P. Bajpai	Professor	Physics (Theoretical)
3.	Dr. Vinod Singh	Reader	Biochemistry
4.	Dr. Satish Kumar	Reader	Physics (Field Theory, Statistical Mechanics).

- |    |                   |          |                       |
|----|-------------------|----------|-----------------------|
| 5. | Dr. P. Nongkynrih | Lecturer | Experimental Physics. |
| 6. | Dr. D. Roy        | Lecturer | Zoology               |
| 7. | Dr. P. K. Bajpai  | Lecturer | Experimental Physics. |
| 8. | Dr. R.H. Duncan   | Lecturer | Chemistry (Quantum).  |

**N. B :** One post of Professor/Reader is vacant at present.

**5. Students intake :**

(a) Enrolment capacity :

(b) Actual Admission under the heading :

(SC/ST/Genl) (Male/Female)

M.S/M.Sc/M.Com/.M.Ed/B.Lib/M.Lib.

M. Phil.	1	ST
Ph. D.	1	Genl.

**6. Courses conducted :** (titles only)

The following courses at the M. Phil level are conducted by the Institute.

Sl. No.	Title
1.	Methods of Sciences
2.	Self-Organising Systems
3.	Living State and Biophysics of Living Organisms.
4.	Applied computer Sciences.

**7. Seminars/Conferences/Symposia/Extension Programmes Organised and attended**  
(Organised separate/attended separate paragraphs).

Some faculty members have attended various National/International Seminars, conferences and symposia and presented the papers during the year under review.

**8. Visiting Professor/fellows :**

Dr. G. K. Sen, Department of Atmospheric Sciences, Calcutta University visited the Institute during the year under review and collaborated with the Institute's research programme.

**9. Publications :**

1. Temperature dependence of linewidth of  $50\frac{2}{4}$  modes in the Raman Spectra of Ammonium Sulphate.  
*P. K Bajpai, Y. S. Jain and H. D. Bist.*  
*J. Raman Spectra Sc. 21 (1990);*
2. Pseudospin-Phonon Coupling and Raman Spectra of  $50\frac{2}{4}$  modes in Ammonium Sulphate.  
*P. K. Bajpai and Y. S. Jain*  
"Advances in Statistical Physics of Solids and liquids" Willey Eastern Pub. (1990).
3. *Vinod Singh*: "Immunochemistry of Luteinizing hormone releasing hormone (LHRH)", In *Neuroendocrine Regulation in Fertility Control*.  
Editors : Vinod Singh and K. Muralidhar, NEHU Publications, Shillong, pp. 67-82, 1989.

4. R. H. Duncan and G. S. Davies. "Mechanistic Clues to the Mutagenicity of Alkylated : DNA Bases : A Theoretical Study".  
J. Theor. Biol. 140, 354 -54. (1989).
5. R. H. Duncan and G. S. Davies. "The Product Distribution of DNA Base Alkylation by N-Nitroso Compounds : An INDO SCF MO Theoretical Study".  
J. Chem. Soc. Perkin Trans, 2, 2127-31 (1989).
6. R. K. Mishra, Quantum. Theory of Living Matter Frontiers of Science, Temple University, U. S. A., May 1989.
7. R.K. Mishra, "Physics of Living Matter" (Ed) Kluwer, Holland, (In press).
10. Study Tour/Field trips of students : Nil.
11. Thrust area of research :
  - (a) Electromagnetic properties of the Living Systems.
  - (b) Electrical properties of the oncogenes and their relation with gene sequencing.
  - (c) Construction of a theoretical model of human memory.
  - (d) Theoretical investigations of the Frolich Model in relation to the formation of a condensate.
  - (f) Model study of three boson interactions implications in living systems, Neural Nets.
12. Research Programme/Research Project (undertaken during the year under review).  
Various research projects which were sanctioned previously by various funding agencies, like UGC, CSIR etc., are progressing in as satisfactory a manner as possible. The details regarding these research projects have been included in the previous annual reports.
13. Any other remarks :  
Publications 1 to 5 represent was not done in ISOSB, but while the address was ISOSB.

#### Comments for the Annual Report :

Many of the administrative difficulties slowed the work. These were basically the following :

1. That the notification as Director was issued on 24th November, 1989 which was followed by two months of vacations. The manner of admission of students, restrictions in space, lab furniture, visits and foreign visits by the faculty members impeded the building up of the Institute facilities.
2. This was also compounded by the fact that the UGC has decided not to give any money in the 7th Plan, i. e. 1986 onwards and further supplies and maintenance of equipments and its repair has been difficult to achieve inspite of our best efforts. Nonetheless, we now await foreign part from California when all equipments will be functional.

### COLLEGE DEVELOPMENT COUNCIL

The College Development Council started functioning in October 1979 with the joining of the Director, College Development council. The Council as envisaged by the UGC provides some mechanism for coordinating the activities of the colleges and the University, and it does act as a link between the colleges and the University and the

UGC. The establishment of the College Development Council with the active participation of various academic and administrative constituents of the University was a welcome step for improving the standard of higher education.

NEHU had 48 affiliated Colleges including 6 Professional Colleges for teaching Law and Education.

In giving affiliation the University has, besides enforcing the normal provision of the ordinance governing conditions for affiliation to look into the special needs of the backward areas and also their requirements in terms of academic inputs. In view of the shortage of teachers the University has a provision for faculty exchange programme where the University teachers on the request from the colleges may go to assist a particular faculty/discipline of the college for a short period. The exchange programme also envisaged the opportunity of college teachers to come to the University Departments for a greater exposure of improving their horizon of knowledge.

In the initial stage of the College Development Council only a few colleges were enlisted under Section 2 (f) 128, which entitles the Colleges to receive grants from the Commission. The Council is now very much actively pursuing the UGC to enlist all eligible colleges under Section 2 (f) 128 of the UGC Act.

During the period the following College were brought under Permanent Affiliation :

1. P. G. T. College
2. Kolasib College
3. Dimapur College
4. Serchip College
5. Mendipather College.

The following Colleges were granted Affiliation/Extension of Affiliation/Provisional Affiliation and Upgradation.

1. Upgradation of Women's college for starting B. A. Pass Course for three years, 1989-93
2. Provisional Affiliation of Aizawl North College, Aizawl for a period of 1 year to start P. U. (Arts) classes.
3. Provisional Affiliation of Nongstoin College for a period of 3 years, for starting B. A. Pass course.
4. Provisional Affiliation for Govt. Aizawl College, Aizawl for a period of 3 years for teaching of Science subjects at P. U. level.
5. Provisional Affiliation of Raid Laban College, for a period of three years for opening the Degree Course in Commerce (B. Com).
6. Provisional Affiliation of Public College of Commerce, Dimapur for conducting P. U. Courses in Commerce for a period of three years.
7. Affiliation of NERIST by NEHU.

The following Colleges were permitted to offer traditional Courses :

1. Hnahthial College : B. A. Pass Course.  
English, Mizo (Elective), Mizo (MIL), Foundation Course, History, Education, Economics and Political Science.
2. Serchip College : Education at P. U. Level.
3. Donbosco College : P. U. Level  
Garo (Elective), Bengali, MIL, Statistics, Garo elective in Degree Level Course.

Affiliation Committee Meeting was held on 3rd August, 1989 and it was decided to hold the meeting regularly once in a year.

Affiliation for opening of new colleges in Meghalaya and Mizoram have been received and the same are being processed.

**Meghalaya Colleges :**

- A. Name of College : St. Edmund's College, Shillong - 3.  
 Name of Principal : Bro. W. A. D'Souza.  
 Year of Establishment : 1924
- B. Classes and subjects for which affiliated.
- Pre-University Arts : English, Hindi, Khasi, Mizo, Bengali, Assamese, Alternative English, Economics, Political Science, Geography, Elective Khasi, History, Mathematics.
- Pre-University Science : English, Hindi, Khasi, Mizo, Bengali, Assamese, Alternative English, Mathematics, Chemistry, Physics, Biology, Geography, Additional Mathematics, Computer.
- B. A. : English, General Foundation Course, Khasi, Hindi, Mizo, Assamese, Bengali, Economics, Elective English, Sociology, History, Mathematics, Geography, Political Science, Elective Khasi.
- B. Sc. : English, General Foundation Course, Physics, Chemistry, Botany, Zoology, Geography, Mathematics, Electronics.
- B. A. (Hons.) : English, Economics, Political Science, History, Geography and Sociology.
- B. Sc. (Hons.) : Physics, Chemistry, Mathematics, Botany, and Zoology.
- C. Enrolment of Students (SC/ST-Genl.) (Male/Female)
- | P. U.                     | Degree Pass        | Degree Honours      |
|---------------------------|--------------------|---------------------|
| (a) Arts - 302            | (a) Arts - 217     | (a) Arts - 62       |
| (b) Science - 346         | (b) Science - 219  | (b) Science - 46    |
| (c) Commerce - X          | (c) Commerce - X   | (c) Commerce - X    |
| (d) Total : General - 591 | (d) S. Castes - 10 | (d) S. Tribes - 591 |
- D. No. of Shift and No. of teachers subject wise :- 2 (Two) Morning & Day. English - 7, Khasi - 3, Assamese - 1, Bengali - 1, Hindi - 1. Part time, Mizo - 1, Economics - 4, Pol. Science - 4, History - 4, Geography - 5, Sociology - 3, Physics - 6, Chemistry - 7, Mathematics - 5, Biology (Bot) - 5, Biology (Zoology) - 5, Electronics - 3.
- E. Extra Curricular activity : Computer, Literacy Programme, N. S. S., N. C. C., Games & Sports, Quiz, Debates etc.

- A. Name of College : St. Anthony's College, Shillong - 1.  
 Name of Principal : Rev. Fr. Stephen Mavelly SDB.  
 Year of Establishment : 1924.

B. Classess and subjects for which affiliated:

Pre-University Arts : English, History, Economics, Pol Sc., Logic Maths., Stats., Alt. Maths, Khasi, Nepali, Bengali, Hindi, Assamese, Mizo, Alt. English.

Pre-University Science : English, Maths., Physics, Chemistry, Biology, Stats., Adl. Maths., Geology, Khasi, Hindi, Assamese, Bengali, Mizo, Nepali, Alt. English.

Pre-University Com. : English, Economics, Book Keeping, Busi. Method, Com. Arith, Com Geog, Salesmanship, Sec. Practice, Khasi, Hindi, Nepali, Assamese, Bengali, Mizo, Alt.English

B. A. : English, Foundation Course, MIL, Economics, Pol. Science, History, Philosophy, Maths, Statistics, El. English, El. Khasi, El. Nepali, El. Mizo, Al. Assamese, Al. Bengali.

B. Sc. : English, Foundation Course, Maths, Physics, Chemistry, Botany, Zoology, Pisciculture, Geology, Economics.

B. Com. : English, Foundation Course. Accy., Aud., Prin. Econs., Economics Problem of India, Banking Busi. Org., Com. Law., Statistics, Khasi, Hindi Nepali, Mizo, Bengali, Alt. English, Assamese

B. A. (Hons.) : English, History, Economics, Pol. Science, Khasi, Philosophy, Maths., Statistics.

B. Sc. (Hons.) : Maths, Physics, Chemistry, Botany, Zoology, Economics, Statistics, Geology.

B. Com. (Hons.) : Accountancy.

C. Enrolment of Students (SC/ST - Genl) (Male/Female)

P. U.		Degree Pass	Degree Honours
(a) Arts	- 680	(a) Arts - 437	(a) Arts - 28
(b) Science	- 471	(b) Science - 220	(b) Science - 47
(c) Commerce	- 217	(c) Commerce - 165	(c) Commerce - 18
(d) Total : General	- 782	(d) S. Castes - 4	(d) S. Tribes - 1497

D. No. of Shift and No. of teachers subject wise :-2 (Two) shifts (Day & Morning).

Assamese - 1, Bengali - 1, Botany - 8, Chemistry - 8, Commerce - 5, Economics - 7, English - 8, Geology - 3, Hindi - 1, History - 4, Khasi - 4, Mathematics - 7, Mizo - 1, Nepali - 1, Philosophy - 4, Physics - 8, Pisciculture - 2, Political Science - 5, Statistics - 4, Zoology - 8,

E. Extra Curricular activity : Sports, Excursion, Debates, Quiz, etc.

- A. Name of College : Lady Keane College, Stillong - 1.  
 Name of Principal : Miss. Angel Mercia Marbaniang.  
 Year of Establishment : 1935

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Assamese, Bengali, Garo, Hindi, Mizo, Nepali, Alt. English, Economics, Political Science, Education, Logic, Sanskrit, History, Spl. Assamese, Spl. Bengali, Spl. Khasi.

Pre-University Science : English, Assamese, Bengali, Khasi, Garo, Hindi, Mizo, Nepali, Alt. English, Physics, Chemistry, Biology, Mathematics and Additional Mathematics.

B. A. : English, Foundation Course, Assamese, Bengali, Khasi, Garo, Hindi, Nepali, Mizo, Economics, Political Science, Education, Philosophy, Sanskrit, History, El. English, Spl. Assamese, Spl. Bengali, Spl. Khasi.

B. Sc. : English, Foundation Course, Physics, Maths, Botany, Zoology, Chemistry.

B. A. (Honours). : English, Bengali, Khasi, Economics, Political Science, Education, History, Philosophy, Sanskrit.

B.Sc. (Honours). : Physics, Chemistry, Zoology, Botany and Mathematics.

C. Enrolment of Students (SC/ST/Genl) (Male/Female).

P. U.		Degree Pass		Degree Honours	
(a) Arts	- 772	(a) Arts	- 594	(a) Arts	- 63
(b) Science	- 321	(b) Science	- 158	(b) Science	- 69
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 621	(d) S. Castes	- 1277	(d) S. Tribes	- 84

D. No. of Shift and No. of teachers subject wise :- 2 (Two) Shift Morning and Day Shift, Khasi - 4, Education - 4, English - 5, Philosophy - 4, Pol. Science - 4, History - 4, Economics - 4, Sanskrit - 4, Assamese - 1, Bengali - 3, Hindi - 1, Lushai - 1, Nepali - 1, Garo - 1, Mathematics - 4, Chemistry - 7, Physics - 7, Botany - 6, Zoology - 6.

E. Extra Curricular activity : Excursions are being conducted every year with Honours (Botany) student for ecological study of vegetation of special preservation with proper Herbarium technique, identification and compilation of the same. These works are being given at the University practical examinations.

- A. Name of College : St. Mary's College, Shillong.  
 Name of Principal : Mary Germaine  
 Year of Establishment : 1937
- B. Classes and subject for which affiliated.  
 Pre-University Arts : English, Khasi, Alternative English, Economics, Education, History, Pol. Science, Logic, Geography, Home Science, Second Language.  
 Pre-University Science : English, Khasi, Alternative English, Mathematics, Physics, Chemistry, Biology.  
 B. A. : English, Foundation Course, History, Education, Economics, Sociology, Elective English, Elective Khasi, Philosophy, Elective Mizo, Elective Bengali, Geography, Food & Nutrition.  
 B. Sc. : English, Foundation Course, Physics, Chemistry, Botany, Zoology, Mathematics, Physiology, Extension Education, Household Equipment and appliance, Child Dev., Clothing & Textile, Psychology, Home Management, Bio-Chemistry.  
 B. A. (Hons.) : English, Education, Economics, History, Khasi, Pol. Sc., Geography, Sociology.  
 B. Sc. (Hons.) : Chemistry, Botany, Zoology.  
 B. Sc. H. Sc. (Honours) : Child Development, Clothing & Textile.

Additional subjects affiliated during the year : Nil.

C. Enrolment of students (SC/ST/Genl.) (Male/Female)

P. U.		Degree Pass		Degree Honours	
(a) Arts	- 597	(a) Arts	- 375	(a) Arts	- 76
(b) Science	- 255	(b) Science	- 150	(b) Science	- 41
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 156	(d) S. Castes	- 620	(d) S. Tribes	- 872

D. No. of Shift and No. of teachers subjects wise :-

English 6, Khasi -4, Assamese-1, Bengali-1, Mizo-1, Education-4, Economics-4, Pol. Science-4, History-4, Home Science-2, Food & Nutrition-4, Philosophy-2, Sociology-3, Chemistry 5, Physics-5, Zoology-5, Botany,5, Mathematics 4, Geography-4.

E. Extra Curricular activity : Guide/N. S. S.

- A. Name of College : Union Christian College, Shillong - 793122.  
 Name of Principal : Dr. C. J. John.  
 Year of Establishment : 1952

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Alt. English, Assamese, Mizo, Khasi, Political Science, History, Economics, Logic, Geography.

**B. A.** : English, Foundation Course, Political Science, History, Economics, Geography, Philosophy, Elective English, Assamese, Mizo, Khasi.

**B. A. (Hons.)** : English, Geography, History.

**C. Enrolment of students (SC/ST/Genl)** 15/364/4 (Male/Female) 233/150.

<b>P. U.</b>	<b>Degree Pass</b>	<b>Degree Honours</b>
(a) Arts -	(a) Arts -	(a) Arts -
(b) Science -	(b) Science -	(b) Science -
(c) Commerce -	(c) Commerce -	(c) Commerce -
(d) Total : General - 4	(d) S. Castes - 15	(d) S. Tribes - 364

**D. No. of Shift and No. of teachers subject wise :** 1 Shift (day Shift).  
English - 6, History - 4, Philosophy - 3, Political Science - 2, Geography - 3, Economics - 2

**E. Extra Curricular activity** : Student Christian Movement, Student Representative Council, Weekly work project, Games & Sports. N. S. S., N. C. C.

**F. Any Other Remarks** : Programme of Activities : The curricular and co-curricular activities organised in the college are specially designed to enhance qualities, vocational skill and entrepreneurship and to train students to meet the demands and challenges of the modern world.

**A. Name of College** : Shillong College, Shillong - 793003.

**Name of Principal** : Shri. D. S. Rawat.

**Year of Establishment** : 1956

**B. Classes and subjects for which affiliated.**

**Pre-University Arts** : English, Assamese, Bengali, Khasi, Mizo, Nepali, Hindi, Alt. English, Economics, Political Science, Education, Mathematics, Logic, History, Second Languages, Sanskrit.

**Pre-University Science** : English, Assamese, Bengali, Khasi, Mizo, Nepali, Hindi, Alt. English, Physics, Chemistry, Mathematics, Biology, Advanced Mathematics.

**Pre-University Commerce** : English, Assamese, Bengali, Khasi, Mizo, Nepali, Hindi, Alt. English, Economics, Book-Keeping, Business Method, Com. Geography, Com. Arithmetic.

**B. A.** : English Foundation Course, Assamese, Bengali, Khasi, Mizo, Nepali, Hindi, Alt. English, Second Language, Sanskrit, Political Science, Mathematics, Education, History, Philosophy, Economics.

**B. Sc.** : English, Foundation Course, Chemistry, Physics, Botany, Mathematics, Zoology.

**B. A. (Hons.)** : English, Khasi, Political Science, Education, History, Economics, Philosophy, Mathematics.

B. Sc. (Hons.) : Botany, Zoology, Mathematics, Chemistry, Physics.

B. Com.. (Hons.) : Accountancy.

C. Enrolment of Students (SC/ST-Genl.) (Male/Female).

P. U.	Degree Pass	Degree Honours
(a) Arts - 386	(a) Arts - 222	(a) Arts - 42
(b) Science - 202	(b) Science - 99	(b) Science - 33
(c) Commerce - 238	(c) Commerce - 28	(c) Commerce - 32
(d) Total : General - 20%	(d) S. Castes - 51%	(d) S. Tribes - 75%

D. No. of Shifts and No. of teachers subject wise : Assamese-2, Bengali-2, English-6, Khasi-5, Mizo-1, Nepali-1, Hindi-1, Economics-5, Education-4, History-4, Mathematics-5, Philosophy 4, Political Science-4, Commerce-5, Chemistry-4, Botany-4, Zoology-4, Physics-4, Demonstrator-3.

E. Extra Curricular activity :- N. C. C., N. S. S., Games and Sports.

A. Name of College : Tura Govt. College, Tura.

Name of Principal : Shri. R. Bhattacharjee.

Year of Establishment : 1958

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Elective English, Economics, Political Science, Education, History, Logic, Garo, Bengali, Assamese, Alt. English, Garo Second Language.

Pre-University Science : English, Physics, Chemistry, Biology, Mathematics, Alt. English, Garo, Assamese, Bengali.

B. A. : English, Elective English, Economics, Political Science, Education, Garo, Bengali, Assamese, philosophy, History, Garo, Garo Elective, Bengali Elective, Assamese Elective.

B. Sc. : English, Chemistry, Physics, Biology, Zoology, Mathematics, Alt. English.

B. A. (Hons.) : Philosophy, English, Economics, Political Science, History.

C. Enrolment of Students (SC/ST-Genl.) (Male/Female)

P. U.	Degree Pass	Degree Honours
M+F		
(a) Arts (655+302) - 955	(a) Arts (88+51)- 139	(a) Arts (10+17)- 27
(b) Science (100+35)- 135	(b) Science (25+19)- 44	(b) Science - Nil.
(c) Commerce - Nil.	(c) Commerce - Nil.	(c) Commerce - Nil.
(d) Total : General - 184	(d) S. Castes - 93	(d) S. Tribes - 902

- D. No. of Shift and No. of teachers subject wise :- English - 6, Economics - 5, Political Science - 3, Education - 3, History - 4, Philosophy - 4, Physics - 4, Zoology - 3, Chemistry - 3, Geography - 2, Commerce - 1, Garo Language - 3, Assamese - , Bengali - 2.
- E. Extra Curricular activity : N. C. C., N. S. S., Debate & Synponin, Sports etc.

A. Name of College : Sankardev College, Shillong - 793004.  
 Name of Principal : Dr. R. N. Upadhyay.  
 Year of Establishment : 1962

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Khasi, Bengali, Assamese, Sanskrit, Economics, Political Science, History, Education, Philosophy, Mathematics.

Pre-University Science : English, Khasi, Bengali, Assamese, Sanskrit, Physics, Chemistry, Mathematics, Botany, Zoology.

B. A. : English, Khasi, Bengali, Assamese, Sanskrit, Economics, Political Science, History, Education, Philosophy, Mathematics.

B. A. (Hons.) : English, Political Science, Economics, History, Philosophy, Education and Khasi.

C. Enrolment of Students (SC/ST-Genl.) (Male/Female)

P.U.		Degree Pass		Degree Honours	
M+F		M+F		M+F	
(a) Arts	- 624	(a) Arts	- 282	(a) Arts	- 44
((504+120)		(273+45)		(34+10)	
(b) Science	- 363	(b) Science	- x	(b) Science	- x
(275+88)					
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 1313	(d) S. Castes	- 125	(d) S. Tribes	- 906

- D. No. of Shift and No. of teachers subject wise :- 2 (two) Shifts; English - 5, Economics - 4, Political Science - 4, History - 4, Philosophy - 2, Mathematics - 2, Sanskrit - 1, Khasi - 3, Bengali - 2, Assamese - 2, Nepali - 1.
- E. Extra Curricular activity : N. C. C., N. S. S., Population Club.

A. Name of College : Synod College, Shillong - 793002.  
 Name of Principal : Shri. E. M. Sohkhlet  
 Year of Establishment : 1965

B. Classes and subjects for which affiliated :

Pre-University Arts : English, MIL (Khasi, Hindi, Nepali), Alternative English, Political Science, Economics, Education, History, Mathematics, Geography, Elective Language (Khasi, Hindi, Nepali).

- Pre-University Science : English, MIL (Khasi, Hindi, Nepali), Alternative English, Physics, Chemistry, Mathematics, Biology, Geography.
- B. A. : English, MIL (Khasi, Hindi, Nepali), General Foundation Course, Political Science, Economics, Education, History, Elective English, Elective Language, (Khasi, Hindi, Nepali).
- B. A. (Hons.) : English, Khasi, Political Science, Economics, Education, History.
- Enrolment of Students (SC/ST-Genl.) (Male/Female)

P. U.		Degree Pass		Degree Honours	
M+F		M+F		M+F	
(a) Arts (502+409)	- 912	(a) Arts (319+288)	- 607	(a) Arts (51+27)	- 78
(b) Science (81+35)	- 116	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 28	(d) S. Castes	- 2	(d) S. Tribes	- 1683

- D. No. of Shift and No. of teachers subject wise :- 2 (Two) Day and Morning.  
English - 6, Khasi - 4, Hindi - 1, Nepali - 1, Political Science - 4, Economics - 4, History - 5, Education - 4, Mathematics - 2, Geography - 2, Physics - 2, Chemistry - 2, Biology - 4.
- E. Extra Curricular activity : Social Service, tree planting, rural reconstruction programme are conducted by the N. S. S. volunteers and N. C. C. Cadets of the College. Annual Camps are regularly held in rural areas by the N. S. S. Volunteers for the purpose of conducting social service and rural re-construction work. A unit of the population Education Club has been formed in the College with a view to creating a sense of awareness of population education and other allied subjects.

A. Name of College : Kiang Nongbah Government College,  
Jowai, Meghalaya.

Name of Principal : Smti. J. Nongbet.

Year of Establishment : 1967

B. Classes and subjects for which affiliated :

Pre-University Arts : English, Khasi, Economics, Political Science, History, Education, Logic, Alt. English, Mathematics.

Pre-University Science : English, Alt. English, Khasi, Chemistry, Botany, Physics, Zoology, Mathematics.

B. A. : English, Foundation Course, Khasi, Political Science, Economics, Education, History, Philosophy, Mathematics, Khasi Elective, English Elective.

B. Sc. : English, Foundation Course, Physics, Chemistry, Mathematics, Zoology, Botany,

B. A. (Hons.) : English, Political Science, Economics, History.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P U.	Degree Pass		Degree Honours	
	M+F	M+F	M+F	
(a) Arts	252+221 - 473	(a) Arts 63+76 - 139	(a) Arts	1+1 - 2
(b) Science	53+52 - 105	(b) Science 14+13- 27	(b) Science	- x
(c) Commerce	- x	(c) Commerce - x	(c) Commerce	- x
(d) Total : General	- 11	(d) S. Castes - x	(d) S. Tribes	- 716

D. No. of Shift and No. of teachers subject wise :- 2(Two) Morning and day.  
 English - 6, Khasi - 2, Political Science - 4, Economics - 5, History - 4, Education - 3,  
 Philosophy - 2, Mathematics - 2, Physics - 3, Chemistry - 3, Botany - 4, Zoology - 4,  
 Commerce - 1.

E. Extra Curricular Activities : The College is holding N. S. S. Programmes in selected villages of the District at least twice in a year to educate the illiterate people of the Rural areas about cleanliness, agriculture, family planning, health, Sports, animal husbandary and social awareness which are relevant to the daily life of the people.

A. Name of Affiliated College : Mendipathar College.

B. Name of Principal : Shri. Prankenstein W. Momin.

C. Year of Establishment : 1971

D. Courses and subject offered :

(i) P. U. Arts/Science/Commerce English, Alt. English, MIL - Garo, Assamese, Bengali, Economics, History, Political Science, Logic.

i) Degree Pass Arts/Science/ Commerce. : English, Economics, History, Political Science, Philosophy, General Foundation Course, MIL (Garo, Assamese, Bengali).

E. Enrolment of students (SC/ST-Genl) (Male/Female)

P. U.	Degree Pass		Degree Honours	
	M+F	M+F		
(a) Arts	188- 80	(a) Arts 68 - 19	(a) Arts	- Nil.
(b) Science	-	(b) Science -	(b) Science	-
(c) Commerce	-	(c) Commerce -	(c) Commerce	-
(d) Total : Genl.	-	(d) S. Castes -	(d) S. Tribes	-

(e) No. of Shifts :- (One) Shift.

(f) No. of Teachers Subject - wise:-

Deptt., of English	3
Deptt., of Economics	2
Deptt., of History	2
Deptt., of Pol. Science	2
Deptt., of Philosophy	1
Deptt., of Assamese	1
Deptt., of Garo	1
<b>Total :</b>	<b>12</b>

F. Extra-Curricular activities : : Debates, Games & Sports, Extempore speech  
Literary Competitions etc.

A. Name of College : Seng Khasi College, Shillong - 793002.  
Name of Principal : Smti. B. Tymthai.  
Year of Establishment : 1973

B. Classes and subjects for which affiliated :

Pre-University Arts : English, Khasi, Economics, History, Mathematics, Khasi Elective, Education, Political Science, Logic.

B. A. : English, Foundation Course, Khasi, Khasi Second Language, Economics, Political Science, Education, History, Mathematics, Philosophy.

C. Enrolment of Students (SC/ST/-Genl.) (Male/Female)

P. U.		Degree Pass		Degree Honours	
(a) Arts	- 469	(a) Arts	- 333	(a) Arts	- x
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 802	(d) S. Castes	- x	(d) S. Tribes	- 801

D. No. of Shift and No. of teachers subject wise :- 2 (Two) Shifts :  
English - 2, Khasi - 2, Education - 2, History - 2, Political Science - 2, Economics - 2,  
Mathematics - 1, Logic/Philosophy - 1.

E. Extra Curricular activity : Sports and Games.

A. Name of College : Nongstoin College, Nongstoin - 793119.  
Name of Principal : Mr. B. K. Laitflang.  
Year of Establishment : 1978

B. Classes and subjects for which affiliated :

Pre-University Arts : English, MIL (Khasi), Education, Political Science, History, Economics, Second Language Khasi, Sociology.

B. A. : English, MIL (Khasi) Second Language Khasi, Economics, Political Science, Education, History, Sociology.

C. Enrolment of Students (SC/ST/-Genl.) (Male/Female)

P. U.		Degree Pass		Degree Honours	
M+F		M+F			
(a) Arts 59 + 59	- 118	(a) Arts 19+15	- 34	(a) Arts	- x
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 3	(d) S. Castes	- x	(d) S. Tribes	- 149

- D. No. of Shift and No. of teachers subject wise :- 2 (Two) Shift.  
English-1, Khasi-1, Education-1, Political Science-1, History-1, Economics-1,  
Sociology-1.
- E. Extra Curricular activity : Sports and games, Social Services and re-creation.

A. Name of College : Acheng Rangmanpa College, Mendipathar.  
Name of Principal : P. Sanath Kumar  
Year of Establishment : 1983

B. Classes and subjects for which affiliated.  
Pre-University Arts : English, Bengali, Garo, Assamese, Economics,  
History, Philosophy, Political Science.  
B. A. English, Economics, Foundation Course, History,  
Philosophy, Political Science.

C. Enrolment of students (SC/ST-Genl.) (Male/Female)

P. U.

M+F		M+F			
(a) Arts 107+30	- 137	(a) Arts 4+5	- 9	(a) Arts	- x
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 87	(d) S. Castes	- 16	(d) S. Tribes	- 43

D. No. of Shift and No. of teachers subject wise :- One Shift (Day Shift).  
English-2, Garo-1, Bengali-1, Assamese-1, History-1, Political Science-1,  
Economics-1, Philosophy-2.

E. Extra curricular activity : Football Basket Ball, Cricket, Badminton, Planting.  
F. Any other Remarks : Degree classes in Arts were opened in the year 1989 and  
waiting for affiliation from N E H U.

A. Name of College : Raid Laban College, Madan Laban, Shillong.  
Name of Principal : Mr. S. Nongbri.  
Year of Establishment : 1984

B. Classes and subjects for which affiliated :

Pre-University Arts : English, Khasi, Assamese, Bengali, Hindi, Garo,  
Nepali, Alt. English, Economics, Political Science,  
History, Education, Logic, Mathematics,  
Second Language Khasi and Bengali.

Pre-University Science : English, MIL : Hindi, Khasi, Nepali, Assamese,  
Bengali, Garo, Alt. English, Physics, Chemistry,  
Botany, Zoology, Mathematics, Addl. Mathe-  
matics.

Pre-University Commerce : English, MIL : Hindi, Bengali, Khasi, Nepali,  
Garo, Assamese, Alt. English, Book-Keeping,  
Commercial Arithmetics, Commercial Geography,

B. Method, Economics, Sales Manship and  
Publicity Secretarial Practice.

B. Com. : English, Foundation Course, Accy., Aud., Prin-  
cipal Economics, Economics, Problem of India,  
Banking, Busi. Org., Com. Law, Statistics, Busi-  
ness Mathematics, Applied Statistics.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U.		Degree Pass	
(a) Arts	- 100	(a) Arts	- x
(b) Science	- 85	(b) Science	- x
(c) Commerce	- 120	(c) Commerce	- 50

D. No. of shift and No. of teachers subject wise : 1 (one) Evening Shift. 2 teachers  
per subject.

E. Extra curricular activity :- Games and Sports.

A. Name of College : Ri-Bhoi College, Nongpoh - 793102  
Name of Principal : Shri. R. I. Masharing.  
Year of Establishment : 1986

B. Classes and subjects for which affiliated :

Pre-University Arts : English, Economics, Education, Political Science,  
History, Khasi.

C. Enrolment of Students (SC/ST-Genl.) (Male/Female)

P.U.		Degree Pass		Degree Honours	
	M+F				
(a) Arts	45+21	- 66	(a) Arts - x	(a) Arts	- x
(b) Science	-	x	(b) Science - x	(b) Science	- x
(c) Commerce	-	x	(c) Commerce - x	(c) Commerce	- x
(d) Total- General	-	5	(d) S. Castes - 1	(d) S. Tribes	- 60

D. No. of Shift and No. of teachers subject wise :- One(1) Day Shift:  
English - 2, Economics - 1, Education - 1, Political Science - 1, History - 1, Khasi - 1.

E. Extra curricular activity : Excursion, etc.

A. Name of College : Sngapsing Syiem Memorial College, Mawkyrwat.  
Name of Principal : Shri. S. B. Sohmat.  
Year of Establishment : 1985

B. Classes and subjects for which affiliated :

Pre-University Arts : English, Khasi, Political Science, Economics,  
Logic, Education, History.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U		Degree Pass		Degree Honours
(a) Arts	- 132	(a) Arts	- x	(a) Arts - x
(b) Science	- x	(b) Science	- x	(b) Science - x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce - x
(d) Total : General	- Nil	(d) S. Castes	- Nil.	(d) S. Tribes - 13

D. No. of Shift and No. of teachers subject wise : Two Shifts  
English - 1, Khasi - 2, Political Science - 1, Economics - 1, Logic - 1, Education - 1, History - 1.

E. Extra curricular activity : Football, Basket Ball, Volley Ball and Athletics.

A. Name of College : Sohra College, Cherrapunjee - 793108.  
Name of Principal : Saittist Roy Wanswett.  
Year of Establishment : 1982.

B. Classes and subject for which affiliated :

Pre-University Arts : English, Khasi, Alt. English, Economics, Political Science, Education, History, Khasi Second Language.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U		Degree Pass		Degree Honours
M+F		M+F		M+F
(a) Arts 26+28	- 54	(a) Arts	- x	(a) Arts - x
(b) Science	- x	(b) Science	- x	(b) Science - x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce - x
(d) Total- General	- 2	(d) S. Castes	- Nil.	(d) S. Tribes - 52

D. No. of Shift and No. of teachers subject wise :- One Shift (Day) :  
English - 1, Khasi - 2, Economics - 1, Political Science - 1, Education - 1, History - 1.

E. Extra Curricular activity :- Sports, Games, debates, indoor-games.

A. Name of College : Shillong Commerce College, Shillong.  
Name of Principal : Shri R. Kharpor.  
Year of Establishment : 1986

B. Classes and subject of which affiliated :

Pre-University Commerce : English, Alt. English, MIL., Economics, Book-Keeping, Commercial Arithmetic, Commercial Geography, Business Method, Secretarial Practice and Salesmanship.

B. Com. : English, Alternative English, MIL., Foundation Course, Principles of Economics, Economic Problem of India, Theory & Practice of Banking, Basic Statistics, Accountancy, Business Organisation, Commercial Law, Auditing.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U.

M+F

(a) Commerce 105+45—150

Degree Pass

M+F

(a) Arts 55+14 - 69

D. No. of shift and No. of teachers subject wise :- (One) 1.

- A. Name of College : Don Bosco College, Tura - 794002.  
 Name of Principal : Fr. Cyriac Vettickathadam SDB.  
 Year of Establishment : 1987
- B. Classes and subjects of which affiliated :
- Pre-University Arts : English, MIL., Garo, Khasi, Bengali, Assamese, Alt.English, Economics, Political Science, History, Logic, Education, Elective Garo.
- Pre-University Science : English, MIL, Garo, Khasi, Bengali, Assamese, Alt English, Mathematics, Physics, Chemistry, Biology, Additional Mathematics, Statistics.
- B. A. : English, Economics, Political Science, History, Philosophy, Education, Elective Garo, Elective English, Foundation Course.

C. Enrolment of Students (SC/ST-Genl.) (Male/Female)

P. U.

Degree Pass

Degree Honours

M+F

M+F

M+F

(a) Arts 181+80 - 261	(a) Arts 49+16 - 65	(a) Arts - x
(b) Science 58+41 - 99	(b) Science - x	(b) Science - x
(c) Commerce - x	(c) Commerce - x	(c) Commerce - x
(d) Total : General - 128	(d) S. Castes - x	(d) S. Tribes - 297

- D. No. of shift and No. of teachers subject wise : One (1) Day Shift.  
 English-3, Garo-3, Bengali-1, Economics-2, Political Science-2, History-2, Philosophy-2, Education-1, Mathematics-2, Physics-2, Chemistry-2, Biology-3.
- E. Extra curricular activity: Sports & Games, Music, Drama, Cultural Programmes, Debates, Social Works, Essays, Seminars.

- A. Name of College : Tirot Singh Memorial College, Mairang.  
 Name of Principal : H. Syiemlieh.  
 Year of Establishment : 1981

- B. Classes and subjects for which affiliated :
- Pre-University Arts : English, Khasi, Political Science, Economics, Education, History, Second Language Khasi.
- Pre-University Science : Not yet affiliated :
- B. A. : Not yet affiliated.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U.		Degree Pass		Degree Honours
(a) Arts	- 51	(a) Arts	- x	(a) Arts x
(b) Science	- x	(b) Science	- x	(b) Science - x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce - x
(d) Total : General	- x	(d) S. Castes	- x	(d) S. Tribes 51

- D. No. of Shift and no. of teachers subject wise - 2 (Two) Shift.  
English - 1, Economics - 1, Political Science - 2, History - 1, Education - 1, Khasi - 1.
- E. Extra curricular activity : Debate, Symposium, Sports etc.
- F. Any other Remarks : Now it has its own campus and buildings with day and morning classes.

- A. Name of Affiliated College : Women's College, Shillong - 793003.  
Name of Principal : Dr. B. Datta Ray  
Year of Establishment : 1985

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Alt. English, MIL., History, Economics, Political Science, Logic, Anthropology, Education.

B. A. : English, MIL., Foundation Course, Economics, History, Political Science, Education, Sociology, Philosophy, Anthropology.

C. Enrolment of Students / (SC/ST-Genl.) (Male/Female)

Female only.

P. U.		Degree Pass		Degree Honours
(a) Arts	- 299	(a) Arts	- 126	(a) Arts - x
(b) Science	- x	(b) Science	- x	(b) Science - x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce - x
(d) Total : General	- 56	(d) S. Castes	- x	(d) S. Tribes - 297

D. No. of Shifts : One .

No. of Teachers subject - wise : English - 4, Economics - 3, Political Science - 3, History - 3, Education - 3, Logic -, Philosophy - 3, Sociology - 3, Anthropology - 3, Khasi - 2, Bengali - 1, Mizo - 1, Hindi - 1.

- E. Extra curricular activity : Debates, Magazine, Quiz, Cultural functions, outings.
- F. Any other remarks : The College does not receive any adhoc maintenance grant-in-aid.

- A. Name of College : Tikrikilla College, Tikrikillia, West Garo Hills.  
 Name of Principal : Parimal Chakravarty.  
 Year of Establishment : 1986
- B. Classes and Subjects for which affiliated.  
 Pre-University Arts : English, Assamese, Logic, History, Political Science and Economics.
- C. Enrolment of Students (SC/ST-Genl.) (Male/Female)  
 P.U M+F  
 (a) Arts - 66+23 = 89
- D. No. of Shift and No. of teachers subject wise :- 1(One) Day Shift only. A single teacher for each subject.

- A. Name of College : Lunglei Govt. College, Lunglei.  
 Name of Principal : Dr. Lalrimawia.  
 Year of Establishment : 1964
- B. Classes and subjects for which affiliated.  
 Pre-University Arts : English, MIL : Mizo, Political Science, Economics, History, Education, Geography, Mizo Elective, Elective English.  
 Pre-University Science : English, MIL. : Mizo, Elective English, Elective Mizo, Physics, Chemistry, Biology, Mathematics.  
 B.A. : English, MIL or Foundation Course, Political Science, Economics, History, Education, Geography, Mizo Elective, Elective English.  
 B.A. (Hons.) : Economics, Political Science, History, Education, Geography.
- C. Enrolment of Students (SC/ST-Genl.)

P.U		Degree Pass		Degree Honours	
(a) Arts	- 359	(a) Arts	- 60	(a) Arts	- 3
(b) Science	- 186	(b) Science	- Nil.	(b) Science	- Nil.
(c) Commerce	- Nil	(c) Commerce	- Nil	(c) Commerce	- Nil
(d) Total : General	- Nil	(d) S. Castes	- 15	(d) S. Tribes	- 595

- D. No. of Shift and No. of teachers subject wise :- One Shift (Day) :  
 English 3, MIL 3, History 3, Biology 2, Geography 3, Physics 2, Education 3,  
 Mathematics 2, Political Science 4, Chemistry 2, Economics 4.

- A. Name of College : Serchhip College, Serchhip - 796181  
 Name of principal : H. D. Rosanga  
 Year of Establishment : 1973
- B. Classes and subjects of which affiliated :  
 Pre-University Arts : English, MIL (Mizo), History, Economics, Political Science, Education, Geography, Mizo Second Language.
- B. A. : English, MIL (Mizo), Foundation Course, Economics, Political Science, History, Mizo Second Language, Elective English
- B.A. (Hons.) : History, Political Science.
- C. Enrolment of Students (SC/ST-Genl) (Male/Female)
- | P. U.               | Degree Pass |                     | Degree Honours      |     |
|---------------------|-------------|---------------------|---------------------|-----|
|                     | M+F         | M+F                 | M+F                 | M+F |
| (a) Arts            | 95+59 - 154 | (a) Arts 27+34 - 61 | (a) Arts + 6 - 71   |     |
| (b) Science         | - x         | (b) Science - x     | (b) Science - x     |     |
| (c) Commerce        | - x         | (c) Commerce - x    | (c) Commerce - x    |     |
| (d) Total : General | - 3         | (d) S. Castes - x   | (d) S. Tribes - 228 |     |
- D. No. of Shift and No. of teachers subjects wise :- 1 (One) Shift i.e., Day Shift. English - 3, Mizo - 3, History - 4, Political Science - 4, Economics - 3, Geography - 2, Education - 1.
- E. Extra Curricular activity : N. S. S.
- F. Any other Remarks :- Occasionally debates & Quiz Competition etc.

- A. Name of College : Champhai Govt. College, Champhai - 796321.  
 Name of Principal : Sri. F. Rongenga.  
 Year of Establishment : 1971
- B. Classes and subjects for which affiliated :  
 Pre-University Arts : English, Mizo, History, Economics, Political Science, Geography, Education.
- B. A. : English, Mizo, History, Economics, Political Science, Geography, Education, Foundation Course.
- B. A. (Hons.) : History, Political Science, Education, Geography.
- C. Enrolment of Students (SC/ST-Genl) (Male/Female)
- | P. U.       | Degree Pass  |                      | Degree Honours    |     |
|-------------|--------------|----------------------|-------------------|-----|
|             | M+F          | M+F                  | M+F               | M+F |
| (a) Arts    | 143+95 - 238 | (a) Arts 87+25 - 112 | (a) Arts 9+3 - 12 |     |
| (b) Science | - +          | (b) Science - x      | (b) Science - x   |     |

(c) Commerce - x (c) Commerce - x (c) Commerce - x  
 (d) Total : General - 1 (d) S. Castes - x (d) S. Tribes - 361

D. No. of Shift and No. of teachers subjects wise :- 1 (One) Day Shift.  
 English - 3, Mizo - 3, History - 4, Economics - 3, Political Science - 4, Geography - 4,  
 Education - 4.

E. Extra Curricular activity : N. S. S.

A. Name of College : Aizawl Govt. College, Aizawl - 796001.  
 Name of Principal : Dr. Lalruanga.  
 Year of Establishment : 1975

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Mizo, Political Science, Education,  
 Economics, History, Mizo Elective, Alt. English.

B. A. : English, Mizo, Foundation Course, Alt. English,  
 History, Political Science, Education, Economics,  
 Mizo Elective, English Elective.

B. A. (Hons.) : English, History, Political Science, Economics,  
 Education.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U.		Degree Pass		Degree Honours	
(a) Arts	- 1138	(a) Arts	- 566	(a) Arts	- 123
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 18	(d) S. Castes	- x	(d) S. Tribes	- 1809

D. No. of Shift and No. of teachers subject wise :- 2(two) Shift Morning and Day.  
 English - 7, Mizo - 4 Education - 5, Mathematics - 2, Economics - 6, History - 5

A. Name of College : Kolasib College, Kolasib.  
 Name of Principal : T. B. G. Liandala  
 Year of Establishment : 1978.

B. Classes and subject for which affiliated.

Pre-University Arts : English, Mizo, History, Economics, Political  
 Science, Education, Mathematics, Geography.

Pre-University Science : English, Mizo, Physics, Chemistry, Mathematics,  
 Biology, Geography.

B. A. : English, Foundation Course, Mizo, History,  
 Education, Political Science, Economics.

B. A. (Hons.) : Education, Political Science, History.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U.	Degree Pass		Degree Honours	
	M+F	M+F	M+F	M+F
(a) Arts	50+37 - 87	(a) Arts 60+46 - 106	(a) Arts 10+5 - 15	
(b) Science	19+18 - 37	(b) Science - x	(b) Science - x	
(c) Commerce	- x	(c) Commerce - x	(c) Commerce - x	
(d) Total : General	- 114	(d) S. Castes - x	(d) S. Tribes - 15	

D. No. of Shift and No. of teachers subject wise :- 1 (One) Day Shift.  
English - 3, Mizo - 4, History - 4, Political Science - 4, Education - 4, Economics - 2,  
Geography - 2, Chemistry - 3, Physics - 3, Biology - 3, Mathematics - 2.

E. Extra Curricular activity : N. S. S., Students' Union, Students' Self Support Union.

A. Name of College : Saiha College.  
Name of Principal : Shri. C. Zohupa.  
Year of Establishment : 1978

B. Classes and subject for which affiliated.

Pre-University Arts : English, MIL (Mizo) & Mizo Second Language,  
Alt. English, Political Science, History, Economics  
and Education.

B. A. : English, MIL (Mizo) & Mizo Second Language,  
Gen. Foundation Course, Political Science,  
Education, History, Economics and Sociology.

B. A. (Hons.) : Political Science and History.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U	Degree Pass		Degree Honours	
(a) Arts	- 120	(a) Arts - 60	(a) Arts - 18	
(b) Science	- x	(b) Science - x	(b) Science - x	
(c) Commerce	- x	(c) Commerce - x	(c) Commerce - x	
(d) Total : General	- x	(d) S. Castes - x	(d) S. Tribes - 180	

D. No. of Shift and No. of teachers subject wise :- 1 Day Shift.

English & Alt. English - 3, MIL (Mizo) & Mizo Second Language - 3, History - 4,  
Political Science - 4, Education - 2, Economics - 2, Sociology - 2.

F. Extra Curricular activity :

1. N. S. S. †

- (i) The college had conducted Mass Programme for Functional Literacy Campaign in some Village through Volunteers,
- (ii) Cleanliness Drive was also held.
- (iii) Forest tree Plantation were done in the College Campus as well as main street of Saiha Town.

2. The College Teachers as well as Students are getting involved in Social activities. They also participated in the District Level Debate and Seminar competition and other functions.

- A. Name of College : Hnahthial College, Hnahthial - 796571.  
 Name of Principal : Shri Sangthanga  
 Year of Establishment : 1979
- B. Classes and subject for which affiliated :  
 Pe-University Arts : English, MIL Mizo, Education, Political Science, History, Economics, Mizo Elective.  
 B. A. : English, Mizo Elective, MIL Mizo. Foundation Course, History, Education and Political Science.
- C. Enrolment of Students (SC/ST-Genl.) (Male/Female)
- | P. U.               |            | Degree Pass   |            | Degree Honours |       |
|---------------------|------------|---------------|------------|----------------|-------|
| M+F                 |            | M+F           |            | M+F            |       |
| (a) Arts            | 53+34 - 77 | (a) Arts      | 26+22 - 48 | (a) Arts       | - x   |
| (b) Science         | - x        | (b) Science   | - x        | (b) Science    | - x   |
| (c) Commerce        | - x        | (c) Commerce  | - x        | (c) Commerce   | - x   |
| (d) Total : General | - x        | (d) S. Castes | - x        | (d) S. Tribes  | - 134 |
- D. No. of Shift and No. of teachers subject wise :- One (Day Shift);  
 English - 3, History - 2, Economics - 2, Political Science - 2, Education - 2, Mizo - 3.

- A. Name of College : Zirtiri Women's College, Aizawl - 796001.  
 Name of Principal : Mrs. B. Sangkhumi.  
 Year of Establishment : 1980
- B. Classes and subject for which affiliated :  
 Pre-University Arts : English, MIL, Mizo, Alt. English, History, Mizo Second Language, Mizo Elective, Political Science, Education, Economics, Home Science.  
 B. A. : English, Foundation Course or MIL Mizo, History, Political Science, Economics, Education, Home Science, Mizo Second Language, Food & Nutrition, Chemistry, Bio-Chemistry, Physiology, Clothing & Textile, Child Development, Psychology, Home Management, Consumer Economics, Extension Education, House-Hold Equipment and Appliances.
- C. Enrolment of Students (SC/ST-Genl.) (Male/Female)

P. U.		Degree Pass		Degree Honours	
(a) Arts	- 205	(a) Arts	- 41	(a) Arts	- x
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 2	(d) S. Castes	- x	(d) S. Tribes	- 244

- D. No. of Shift and No. of teachers subject wise :- One (Day Shift) :  
English - 4, Mizo - 3, Political Science - 2, Home Science - 6, Education - 2,  
Economics-2, History - 2.
- E. Extra curricular activity : N. S. S., Mizoram Inter College Sports & NEHU Inter  
College Sports.

- A. Name of College : Hrangbana College, Aizawl, Mizoram.  
Name of Principal : R. Zatlai  
Year of Establishment : 1980
- B. Classes and subject for which affiliated :
- Pre-University Arts : English, MIL Mizo, Political Science, Edu-  
cation, Geography, Economics, History, Mizo-  
Elective, English Elective, Alt. English.
- Pre-University Commerce : English, MIL Mizo, Book-Keeping, Business  
Method, Com. Arithmetics, Com. Geography,  
Economics, Secretarial Practice, Salesmanship.
- B. A. : English, Foundation Course, MIL Mizo,  
Political Science, Education, History, Economics,  
Geography, English Elective, Mizo Elective, Alt.  
English.
- B. Com. : English, Accountancy, Business Organisation,  
Basic Mathematics, Commercial Law, Company  
Law, Auditing, Applied Statistics.
- B. A. (Hons) : Political Science, Education.
- C. Enrolment of Students (SC/ST-Gen) (Male/Female)

P.U.		Degree Pass		Degree Honours	
M	F	M	F	M	F
(a) Arts 685+556	- 1241	(a) Arts 127+79	- 206	(a) Arts 2+0	- 2
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce 150+32	- 182	(c) Commerce 22+2	24	(c) Commerce	- x
(d) Total : General	- x	(d) S. Castes	- x	(d) S. Tribes	- 1665

- D. No. of Shift and No. of teachers subject wise :- One (1) Day Shift.
- E. Extra Curricular activity : N. C. C., N. S. S., Youth Adventure Club, Students Self-  
Support Union, Students Evangelical Union.

- A. Name of College : Lawngtlai College.  
Name of Principal : T. Thangthuama  
Year of Establishment : 1980
- B. Classes and subject for which affiliated.
- Pre-University Arts : English, Mizo MIL, Mizo Elective, History  
Education, Economics, Political Science.

B. A. : English, Mizo MIL, Mizo Elective, History, Education, Economics, Political Science.

C. Enrolment of Students (SC/ST-Gen) (Male/Female)

P. U		Degree Pass		Degree Honours	
M+F		M+F		M+F	
(a) Arts	72+41 - 41	(a) Arts	40+10 - 50	(a) Arts	- x
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- x	(d) S. Castes	- x	(d) S. Tribes	- 163

D. No. of Shift and No. of teachers subject wise :- 1 (One) Day Shift.  
English - 1, Mizo - 3, Political Science - 7, History - 2, Education-1, Economics - 1.

A. Name of College : Fazl Ali College, Mokokchung.  
Name of Principal : D. N. Choudhury.  
Year of Establishment : 1959

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Alt. English, Political Science, Education, Economics, History, Geography, Logic.

Pre-University Science : English, Alt. English, Physics, Chemistry, Biology, Mathematics, Geography.

B. A. : English, Political Science, General Foundation Course, Education, Economics, History, Elective English, Philosophy, Sociology.

B. A. (Hons.) : History, English, Philosophy.

C. Enrolment of Students (SC/ST-Gen)

P. U.		Degree Pass		Degree Honours	
M+F		M+F		M+F	
(a) Arts	258+196 - 454	(a) Arts	94+53 - 147	(a) Arts	14+4 - 18
(b) Science	183+37 - 220	(b) Science	- x	(b) Science	- x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 40	(d) S. Tribes	- 799	(d) S. Castes	- 2

D. No. of Shift and No. of teachers subject wise :- One.  
English-9, Political Science-6, Economics-6, History-6, Philosophy-6, Geography-5, Education-6, Sociology-2, Mathematics-3, Physics-2, Biology-4, Chemistry-2.

E. Extra Curricular activity :- N. C. C. and Sports.

A. Name of College : Science College, Kohima.  
 Name of Principal : Dr. I. U. Ahmed.  
 Year of Establishment : 1961

B. Classes and subject for which affiliated :

Pre-University Science : English, Alt. English, Tenyidie, Chemistry, Physics, Mathematics, Geography, Geology, Biology, Anthropology,

B. Sc. : English, Chemistry, Physics, Botany, Zoology, Geology, Mathematics, Geography, Anthropology.

B. Sc. (Hons.) : Mathematics, Zoology, Botany, Geology, Chemistry.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P. U.		Degree Pass		Degree Honours	
(a) Arts	- x	(a) Arts	- x	(a) Arts	- x
(b) Science	- 541	(b) Science	- 26	(b) Science	- 28
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce	- x
(d) Total : General	- 28	(d) S. Castes	- 4	(d) S. Tribes	- 563

D. No. of Shift and No of teachers subject wise :- One Day Shift.  
 Chemistry - 8, Physics - 6, Zoology - 7, Mathematics - 8, Geology - 8, Botany - 8, Anthropology - 7, English - 6, Geography - 4.

E. Extra curricular activity :- N. S. S., N. C. C., Photographic club etc.

A. Name of College ; Sao Chang (Govt.) College, Tuensang.  
 Name of Principal : Dr. B. B. Kumar  
 Year of Establishment : 1974

B. Courses and subject offered :

(a) P.U./Arts/Science/Commerce : English, Alt. English, Political Science, History, Economics, Education.

(b) Degree Pass - Arts/Science/Commerce : English, Foundation Course, Elective English, Political Science, History, Education, Sociology, Economics.

C. Enrolment of students (SC/ST-Genl) (Male/Female)

P. U.		Degree pass	
M—F		M—F	
(a) Arts	139—36	Arts	69—19
(b) Science		(b) Science	
(c) Commerce		(c) Commerce	
(d) Total : General	208—55	(d) S. caste	P.U. B.A.
		ST	- 154 ST - 73
		O	- 21 O - 15

(e) No. of Shifts : Day and Night Shift

(f) No. of teachers subject-wise :-

English - 2, Political Science - 1, Economics - 3, History - 2, Education - 1, Sociology - 2.

D Extra curricular activity : N. C. C. and N. S. S.

A. Name of College : Kohima College, Kohima.

Name of Principal : Shri. H. Gupta.

Year of Establishment : 1967

B. Classes and subject for which affiliated :

Pre-University Arts : English, Alt. English, Political Science, History, Economics, Education, Tencydic Language.

B. A. : English, Foundation Course, Political Science, Economics, History, Education, Elective English.

B. A. (Hons.) : History, Education, Political Science.

C. Enrolment of Students (SC/ST-Genl)

P. U.	Degree Pass	Degree Honours
(a) Arts - 476	(a) Arts - 410	(a) Arts - 132
(b) Science - x	(b) Science - x	(b) Science - x
(c) Commerce - x	(c) Commerce - x	(c) Commerce - x
(d) Total : General - 204	(d) S. Castes - x	(d) S. Tribes - 814

D. No. of Shift and No. of teachers subject wise :- 2 (two) Shift. (Day and Morning.) English - 7, Tencydic - 1, Education - 5, Political Science - 5, Economics - 4, History - 6.

E. Extra curricular activity : Games ad Sports, Debates, Dramatics & other Literary activities.

A. Name of College : Patkai Christian College, Dimapur - 12.

Name of Principal : Dr. Tulsem A. Shishak.

Year of Establishment : 1974

B. Classes and subject for which affiliated :

Pre-University Arts : English, Alt. English, Economics, Political Science, History, Education, Logic.

B. A. : English, General Foundation Course, Economics, Political Science, History, Education, Philosophy, Horticulture Science.

B. A. (Hons.) : Political Science, Economics.

C. Enrolment of Students (SC/ST-Genl)

P. U.	Degree Pass	Degree Honours
M+F	M+F	M+F
(a) Arts 253+267 - 520	(a) Arts 144+124 - 268	(a) Arts 16+11 - 27
(b) Science - x	(b) Science - x	(b) Science - x

(c) Commerce - x (c) Commerce - x (c) Commerce - x  
 (d) Total : General - 8 (d) S. Castes - 12 (d) S. Tribes - 795

D. No. of Shift and No. of teachers subject wise :- One Shift.  
 English/Alt. English - 3, Economics - 4, Political Science - 4, History - 3, Education - 2,  
 Logic/Philosophy - 2.

E. Extra curricular activity : N. S. S., N. C. C., Games & Sports.

A. Name of College : St. Joseph's College, Jakkama,  
 Name of Principal : Rev. Father Francis Vazhapilly S. J.  
 Year of Establishment : 1985

B. Classes and subject for with affiliated :

Pre-University Arts : English, Alt. English, Economics, History,  
 Political Science.

Pre-University Commerce : English, Alt. English, Book-Keeping, Business  
 Management, Com. Arithmetics, Commercial  
 Geography.

Untraditional Course : Swine Production, Animal Husbandary.

B. A. : English, Elective English, History, Sociology,  
 Foundation Course, Statistics, Economics.

B. Com. : English, Elective English, Foundation Course,  
 Statistics, Commercial Law. Business Organi-  
 sation, Banking, Economics.

C. Enrolment of Students (SC/ST-Gen)

P. U		Degree Pass		Degree Honours	
M+F		M-F		M-F	
(a) Arts	101+96 197	(a) Arts	74+31	(a) Arts	- x
Vocational	- 38				
(b) Science	- x	(b) Science	- x	(b) Science	- x
(c) Commerce	73+9- 82	(c) Commerce	42+1	(c) Commerce	- x
(d) Total : General	- 46+5	(d) S. Castes	- x	(d) S. Tribe	- 282+132

D. No. of Shift and No. of teachers subject wise :- 1 (one) Shift :  
 Commerce - 5, English - 2, Economics - 2, Political Science - 2 History - 2, Sociology - 1,  
 Vocational Course - 1.

E. Extra Curricular activity : N. S. S., Games & Sports.

- A. Name of College : Wangkhao College, Mon - 798621  
 Name of Principal : Mr. Tonwang Konyak.  
 Year of Establishment : 1983
- B. Classes and subject for which affiliated :  
 Pre-University Arts : English, Alt. English, History, Economics, Political Science, Logic.
- C. Enrolment of Students (SC/ST-Genl) (Male/Female)
- | P. U.               |      | Degree Pass   |   | Degree Honours |   |
|---------------------|------|---------------|---|----------------|---|
| (a) Arts            | - 63 | (a) Arts      | - | (a) Arts       | - |
| (b) Science         | - x  | (b) Science   | - | (b) Science    | - |
| (c) Commerce        | - x  | (c) Commerce  | - | (c) Commerce   | - |
| (d) Total : General | - 63 | (d) S. Castes | - | (d) S. Tribes  | - |
- D. No. of Shift and No. of teachers subject wise : One Shift, Day Shift. 1 (One) teacher in each subject.
- E. Extra Curricular activity : N. S. S., Games & Sports and Literary activities.
- F. Any other Remarks : The College was taken over by the Govt. of Nagaland on 1.2.90.

- A. Name of College : People's College, Mokokchung.  
 Name of Principal : Shri. Tongpangkuba Ao.  
 Year of Establishment : 1984
- B. Classes and subjects for which affiliated.  
 Pre-University Arts : English, Alt. English, Political Science, Economics, History, Education.  
 B. A. : English, Foundation Course, Political Science Education, Economics, History.
- C. Enrolment of Students (SC/ST-Genl) (Male/Female)
- | P. U.               |       |       | Degree Pass   |       |      | Degree Honours |   |    |
|---------------------|-------|-------|---------------|-------|------|----------------|---|----|
| M+F                 |       |       | M+F           |       |      |                |   |    |
| (a) Arts            | 74+63 | - 137 | (a) Arts      | 18+12 | - 30 | (a) Arts       | - | x  |
| (b) Science         | -     | x     | (b) Science   | -     | x    | (b) Science    | - | x  |
| (c) Commerce        | -     | x     | (c) Commerce  | -     | x    | (c) Commerce   | - | x  |
| (d) Total : General | -     | 2     | (d) S. Castes | -     | 5    | (d) S. Tribes  | - | 16 |
- D. No. of Shift and No. of teachers subject wise :- 1 (One) Shift.  
 English - 3, Political Science - 3, Education - 3, Economics - 3, History - 3,
- E. Extra Curricular activity : N. S. S.

A. Name of College : Pfitsero College, Pfitsero.  
 Name of Principal : Weprenxi Kapfo.  
 Year of Establishment : 1987

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Alt. English, History, Economics,  
 Political Science, Education.

C. Enrolment of Students (SC/ST-Genl) (Male/Female)

P.U		Degree Pass		Degree Honours
(a) Arts 28+6	- 34	(a) Arts	- x	(a) Arts - x
(b) Science	- x	(b) Science	- x	(b) Science - x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce - x
(d) Total : General	- 1	(d) S. Castes	- x	(d) S. Tribes - 33

D. No. of Shift and No. of teachers subject wise : One Day Shift only 2 each in 5 Subjects.

E. Extra curricular activity : Participated in various Seminars on Rural Development. Members of students Christian Movement of India.

A. Name of College : Baptist College, Kohima.  
 Name of Principal : N. Delhu Khate  
 Year of Establishment : 1982. Affiliated on 1988.

B. Classes and subjects for which affiliated.

Pre-University Arts : English, Alt English, History, Political Science,  
 Education, Economics.

C. Enrolment of Students (SC/ST-Genl) (Male) (Female)  
 206+192.

P. U		Degree Pass		Degree Honours
(a) Arts	- 256	(a) Arts	- x	(a) Arts - x
(b) Science	- x	(b) Science	- x	(b) Science - x
(c) Commerce	- x	(c) Commerce	- x	(c) Commerce - x
(d) Total : General	- x	(d) S. Castes	- x	(d) S. Tribes - 256

D. No. of Shift and No. of teachers subject wise :- One.  
 English - 3, History - 2, Political Science - 2, Education - 2, Economics - 2.

## DEAN OF STUDENTS' WELFARE

### 1. Introduction :

The provision of having the post of a Dean, Students' Welfare in this University was met during the year 1978. The Dean and its office staff are entrusted with the duty of looking after the welfare plans of the students in general and their residential and extra curricular activities in particular. In items to follow, we give a brief outline as to what kind of activities this office is involved in :

2. Supporting Staff :	U. D. A.	1
	Steno	1
	L. D. C.	2
	Peon	1

### Report on the University Hostels for the year :

Name of Hostel	Year	Actual intake capacity of hostel	Actual no. of students who are provided hostel accommodation with respect to the following :			
			4	5	6	7
1	2	3	GEN	SC	ST	Total
1. Banri Research Scholar Hostel, Nongthymmai.	89-90	11	4	Nil	6	10
2. Research Scholar Hostel (Men) Permanent Campus.	89-90	30	7	Nil 6(OBC)	5	18
3. New PG Hostel Permanent Campus.	89-90	45	29	2 5(OBC)	15	42
4. Old PG Mens Hostel Permanent Campus.	89-90		5	Nil. 1 (OBC)	14	20
5. Long View/Short View PG Mens' Hostel Nongthymmai.	89-90	23	4	Nil.	6	10
6. Garikhana PG Girls Hostel	89-90	40	22	2 6(OBC)	7	37
7. Bijni Girls Hostel	89-90	60	11	1 2(OBC)	13	27

Total Male : 100

Total Female : 64

**Report on the Identity Cards issued for the year :**

Courses of study	Year (1989 - 90)	Remarks :
M. A.	234 Nos.	
M. Sc.	85 Nos.	
M. Lib.	4 Nos.	
B. Lib. Sc.	9 Nos.	
M. Phil.	79 Nos.	
Ph. D.	20 Nos.	

**Report in connection with Railway Concessions for the year :**

(a) No. of Railway Concession issued for the year 1989-90 : Year - 1989 - 298 nos.

(b) We do not issue Air Concessions. However, in a few cases we are approached to verify the identity of the students to enable them to get their air concessions. Since this type of identity-verification is also done by the Heads and the Deans of various departments respectively, we do not maintain a record of such identity verification.

**Report in Connection with Sanction of Study Tour/Field Trips for the Year**

Department	Year of Performance	Study Tour		Field Trips	
		No. of Students	Place of visit	No. of students	Place of Visit :
1. Geography	1989-90	25	Andaman	2	Nartiang
2. Geography	1989-90	24	Kathmandu	14	Saiden & Nongpoh.
3. Anthropology	1989-90	20	Vidisha & Puri	6	Gauhati University.
4. History	1989-90	30	Bombay-Bangalore-Calcutta	-	-
5. Zoology	1989-90	16	Port Blair & various Islands	-	-
6. Botany	1989-90	13	Andaman Islands	-	-
7. Political Science	1989-90	14	Bombay & Bangalore.	-	-

**Report on The NEHU P. G. Scholarship for the Year :**

Sl. No.	Department	No. of awards	Genl.	SC	ST	Total
1.	Mathematics	2	1	..	1	4
2.	Chemistry	20	19	..	1	20
3.	Physics	8	3	..	3	8
4.	Biochemistry	12	7	-	5	12

5. Botany	5	4	-	1	5
6. Zoology	15	5	1	9	15
7. Geography	11	7	1	3	11
8. Education	8	5	-	3	8
9. Library & Information Science	6	4	-	2	6
10. History	7	3	-	4	7
11. Anthropology	2	1	...	1	2
12. Political Science	1	..	...	1	1
13. Sociology	3	3	...	..	3

**Report in Connection with Students' Activities in Different Departments for the Year :**

Sl. No.	Date	Department	Sports	Other Activities	Amount	Year of Sanction
1.	10.1.90	Philosophy	PG students intercollege Sports		955.38/-	1989-90
2.	26.7.89	RSWA	..	Annual Academic & Socio-cultural Symposium.	10,000/-	1989-90
3.	13.12.89	RSWA	..	Organising of a Social get-together of all the students organisation.	10,000/-	1989-90
4.	8.6.89	Sociology	Inter departmental Football	-	5,000/-	1989-90
5.	26.4.89	Economics	..	Fraternity Week	9,050/-	1989-90

**DEPARTMENT OF SPORTS**

During 1989-90 no Inter College tournament could be held on account of the change in examination schedule. However, efforts were made to conduct Coaching camps to prepare teams for various Inter University Tournaments selecting players from various Colleges.

The diciplines in which Coaching camps were conducted and the University took part are as follows :

**Coaching Camps :**

**Basket Ball :** A Coaching camp in Basket Ball Women's team was conducted for a period of 21 days in the St. Anthony's and St. Mary's Campus, Shillong under the Supervision of Miss. A. R. Synnah and Mr. Somnath Sain, Basket Ball Coach. Twenty five probables attended the Camp. Twelve probables were finally selected to represent the University Basket Ball team to take part in the Inter University Basket Ball Tournament held at Cuttack (Orissa) from 15th to 17th September, 1989.

**Badminton :** A Coaching camp in Badminton was conducted at the N. S. C. A. Indoor Stadium, Shillong under the supervision of Shri Ng. Jitendra Singh, NIS Badminton Coach for a period of fifteen days. Thirteen probables attended the

camp. Finally five boys were selected to represent the University Badminton team for participating in the East Zone Inter University Badminton Tournament held at Berhampur (Orissa) from 7th to 11th October, 1989.

**Table Tennis :** A Coaching camp in Table Tennis Men and Women team was conducted at N.S.C.A. Indoor Stadium under the supervision of Shri P.J. Lamare. Five in the men section and two in the Women section were selected to represent the University Table Tennis team for participating in the North-East Regional Inter University Table Tennis Competition held at Guwahati from 27th September, 1989.

#### **Results of Inter University Tournaments :**

<b>Discipline</b>	<b>Venue</b>	<b>Result</b>
(a) Basket Ball (Women)	Cuttack (Orissa)	Lost in the 1st Round.
(b) Badminton (Men)	Berhampur (Orissa)	Lost in the 2nd Round.
(c) Table Tennis (Men- & Women)	Guwahati	Men-Champion Women-Runners up.

### **DEPARTMENT OF SPORTS**

#### **Nagland Campus**

The changes in the academic routine of the University effected the main tentative Sports Programmes during the period 1989-90. Anyhow, some local activities were conducted in the Campus.

#### **P. G. Sports Week :**

Post-graduate Sports Week was conducted in the month of November, 1989 in the following disciplines :-

Football, Volleyball, Carrom, T. T., Badminton, Debate etc.

#### **Friendly Matches :**

Friendly matches were held now and then with the neighbouring colleges.

#### **Intra-moral activities :**

Intra-moral activities like debate, cultural activities Sports and games among the staffs and students were organised. Besides, Freshers, Social and Parting Social were also organised.

#### **Rocky Memorial Volleyball Tournament :**

This tournament, organised every year at SASARD, Medziphema in commemoration of Late Rocky who died in the School, covers all departments of Medziphema and some neighbouring villages.

#### **School Week at SASARD, Medziphema :**

School Week was organised in the month of October.

## Coaching Camps (Football, T. T.)

Two coaching camps were held in the month of November, 1989 for sending out players to the East Zone Tournament. But the tournament was cancelled due to some unavoidable reasons.

### Service to other organisations :

At times when there was no any University programme, voluntary services were rendered to Govt/Private organisations.

## NATIONAL SERVICE SCHEME

Name of the Centre : National Service Scheme.

Name of the Head/Director of the Centre : Mr. G. M. War.

This programme was started in NEHU in the year 1974-75. The NSS headquarters of the University is situated in Shillong which looks after the NSS activities in the 3 states of Nagaland, Mizoram and Meghalaya. At the moment, Nagaland is routing its funds directly from the centre and its independently carrying out its NSS activities. Hence, the NSS, NEHU is now looking after Mizoram and Meghalaya only. The NSS programme is at the moment restricted to colleges of these two states only. Introducing NSS in the Post-Graduate level appears to be difficult at the moment as it may not be feasible to accommodate the programme in their Semester System.

### Other Activities of the Centre :

#### 1. Enrolment :

NSS Student Strength of	Meghalaya	—	5,000
	Mizoram	—	4,094
	Total :	—	9,094

#### 2. No. of NSS Units in the Colleges affiliated to the University.

	Meghalaya	—	12 Units
	Mizoram	—	13 Units
	Total :	—	25 Units

#### 3. No. of Programme officers in NSS Units of the Colleges affiliated to the University.

	Meghalaya	—	21 Programme Officers.
	Mizoram	—	21 Programme Officers
	Total-	—	42 Programme Officers

#### 4. No. of Special Camps held during period under report : 6 Camps.

There are 2 types of programmes undertaken under NSS, viz., :-

- Regular NSS Programmes which are carried out throughout the year during the students' free time.
- Special Camping Programmes, which are meant to be 10 day camps, held once or even twice a year, in the adopted village of the Colleges. The theme for holding Special Camps during the period under report is "Youth for Mass Literacy", in which more emphasis is given on educating the illiterates especially on the age group of 15-35.

In fact from 1988 onwards, the NSS had become involved in the Mass Programme for Functional Literacy, a scheme aimed at "Maximising involvement of students, teachers and institution of Higher Education towards eradication of illiteracy". However, it is disheartening to note that in spite of the fact that even though the Master Trainers and Volunteers have received their Training, no Colleges in Meghalaya could implement the MPFL Scheme as no Literacy Kits have been received so far from the State Resource Centre for MPFL. In Mizoram, too, the picture of receipt of Literacy Kits is not very clear, though Volunteers and Master Trainers have been enrolled for it.

Other activities which are carried out by the NSS Volunteers within the NSS Programme include Awareness Programmes, Discussions on eradication of Social evils, Environment and Conservation, Health, Family Welfare and Nutrition Programmes. Production Oriented Programmes like advocating advanced agricultural practices and other activities depending on local needs and priorities.

Besides the Programmes mentioned above, the NSS Volunteers are also invited from time to time to attend National Integration Camps in the Various Universities of India. During the year under report, no contingent could be sent outside for participating, due to unforeseen circumstances. Generally two Volunteers from each State of Mizoram and Meghalaya are selected to participate in the Republic Day Parade. For the Republic Day Parade, 1990, the NSS, NEHU was selected to send one Programme Officer to lead the NSS Contingent from the North-Eastern States. We selected Miss. Donakor Shanpru, Programme Officer of St. Mary's College and she led the contingent. Mizoram also sent student volunteers to attend the parade.

### CAMPUS DEVELOPMENT AND ENGINEERING CELL

1. During the year the following projects were taken up, and their progress are as follows :

Construction of 200 (two hundred) seated hostel and 50 staff quarters : 50 staff quarters were completed and are under the occupation of the teaching staff. Hostel buildings are expected to be completed in all respect by March, 1990, except the two nos of warden residents.

2. The one hundred seated girls' hostels were completed in all respect, while 100 seated hostels are expected to be completed in all respect by March, 1990.

3. Construction of 800 seated hostels :

The estimated value is Rs. 315.90 lakhs. Three units of hostel building for 102 students with two dining halls attached with common facilities were almost completed. This cell will take up the construction of the remaining hostels in phases.

4. The estimated value for the construction of 150 staff quarters is Rs. 504.87 lakhs. Nine buildings comprising 17 units have been completed and are in occupation. Construction of another batch of six quarters is under progress and twelve quarters are expected to be completed in all respect by March 1990. Construction of the remaining staff quarters will be taken up within March, 1990.
5. Construction of USIC workshop approved and estimated cost of Rs. 22.97 lakhs was already completed.
6. Construction of lecture hall complex for the Schools of Life Sciences, RSIC and USIC with an estimated cost of Rs. 410.52 lakhs was taken up and is under good progress, it is expected to be completed by 1990-91.

7. The work for providing External Electrification work of NEHU Campus taken up at an estimated cost of Rs. 128.00 lakhs (revised 143.59 lakhs) is nearing completion. This is phase one.
8. For providing water supply to the permanent campus of NEHU, Shillong.- Phase two, and also to provide fencing around Intake Tank Pump House and construction of staff quarters for chowkidar and pump operator, the scheme was prepared and sent to UGC. UGC has approved the scheme for an amount of Rs. 7.07 lakhs. The work is completed in all respect and payment was made.

9. **Construction of Sports Complex, NEHU.**

An estimated amount of Rs. 80,35,900 was cleared by NEC and submitted to UGC. The UGC sanctioned only Rs. 14.28 lakhs. The work of construction of a football ground and levelling of ground at a cost of Rs. 14.87 lakhs has been completed.

10. The proposal for the construction of V. C's residence including staff quarters was sent to UGC. The estimated cost is Rs. 7.46 lakhs. The UGC has accepted the proposal in principle. Tender has been called for and the work is expected to start by April, 1990.

As mentioned earlier infrastructures like ringed roads, water and Electricity supply in small scale have been provided in the campus. Water supply scheme to provide drinking water from the ground bored well already drilled with the help of State P. H. E. Department is under preparation.

The seminar hall and three and a half units of Guest House have been constructed at an estimated cost of Rs. 115.09 lakhs with the approval of D. S. T., Govt. of India. The work is almost completed except central heating and providing furniture. Estimates were cleared by CPWD, NEC and are proposed to be taken up in the 8th plan for approval by UGC.

**Construction :**

1. Construction of Administrative Building at NEHU Campus, Shillong :  
An estimate amounting to Rs. 1.23 crores was cleared by C. P. W. D. New Dehil on 2.9.88.
2. Construction of Health Centre NEHU, Campus, Shillong :  
An estimate amounting to Rs. 16.67 lakhs have been cleared by the NEC vide letter No. NEC/T/NEHU/82/Vol.II dated 7.8.88.
3. Construction of Commercial Complex, NEHU, Shillong :  
An estimate amounting to Rs. 27.98 lakhs have been cleared by NEC vide letter No. NEC/T/NEHU/82/Voll. II dated 7.8.88.
4. Construction of Library Building at NEHU Campus :  
An estimate amounting to Rs. 1.54 crores have been cleared by NEC vide No. NEC/T/NEHU/82 dated 18.12.83.
5. Construction of Social Sciences Complex, NEHU :  
UGC has aproved Rs. 435 lakhs as per the Sub-Plan of the VII Plan. The work is being taken up with an architect for preparation of Plan/Estimate etc.

**Mizoram :**

1. Construction of hostel for 50 students at an estimated cost of Rs. 27.00 lakhs entrusted to Mizoram PWD as deposit work is nearing completion.

2. Approval of the UGC to the Phase I project for construction of buildings at Pachhunga University College Campus duly cleared by NEC in October, 1983 for Rs. 220.65 lakhs is awaited.
3. Construction of Building complex at Mizoram Campus :

As per provision of the VII Plan, one estimate amounting to Rs. 1.71 crores prepared by an architect was sent to the NEC vide D. O. letter No. CD-ESTM/291/89/4105 dated 17.1.89. Work will be taken up as soon as it is cleared by NEC.

**Nagaland :**

1. Construction of various building including road at Nagaland Campus of NEHU, Kohima at an estimated cost of Rs. 125.00 lakhs cleared by NEC vide letter No. NEC/T/NEHU/82-Vol. II dated 15.11.88 has been approved by UGC in February, 1988. The execution of the work is held in abeyance due to some administrative reasons.

**PLANNING SECTION**

The year under report is the final year of the Seventh Five Year Plan. It will be proper therefore to look back and assess the achievements made during the Seventh Plan. Though during the year under report, the programme of the University for consolidating the existing departments and centres suffered a set back for want of fund, the following new departments, centres and an institute were established during the Plan period.

**Departments**

1. Horti-Culture	—	1985
2. Public Administration	—	1985
3. Rural Development Planning	—	1985
4. Library and Information Sciences	—	1986
5. Soil Conservation	—	1987
6. Linguistics	—	1988
7. Ancient History and Archaeology	—	1988
8. Plant Pathology	—	1986

**Centres**

1. Applied Statistics	—	1985
2. Computer Centre	—	1987

**Institute**

1. Institute of Self Organising Systems and Bio-Physics. — 1986

The University has now 8 Schools of Studies, 27 Post Graduate Departments, 8 Centres of Studies, one Institute and one Constituent College.

It is sad to mention that the following 3 Departments, which were sanctioned by the University Grants Commission, could not be started by the University during the 7th Plan.

1. Department of Management Studies.
2. Department of Home Science.
3. Department of Animal Sciences.

Efforts are being made to obtain the approval of the University Grants Commission to renew the sanction for the above 3 Departments. The University proposes to establish the following new Departments in the 8th Five Year Plan.

#### **School**

1. School of Studies of Moral & Spiritual Values.

#### **Departments**

1. Department of Forestry.
2. Department of Social Work.
3. Department of Journalism.
4. Department of Information Technology.
5. Department of Christianity.
6. Department of Traditional Religions.
7. Department of Architecture.
8. Department of Pharmacy & Para Medical Courses.

#### **Centres**

1. Centre for National Security.

#### **Institute**

1. Institute of Planning.
2. Institute of Sports & Physical Education.

It may be mentioned that there is still lack of facilities of Technical Education in the 3 States of Meghalaya, Nagaland and Mizoram which fall under the jurisdiction of the University.

The University, considering the climate and the local conditions in the region, adopts the Academic calen which synchronises with the calendar year. It runs 2- year Course at the Degree Level with one year Honours course in to third year after the 10+2 stage. The system of Education under the University is thus 10+2+2+1. It proposes to start 10+2+3 system of Education from the academic year of 1992. The requirement for admission to the Post Graduate Courses is the minimum of 45% marks in an Honours subject.

The development of the departments has been hampered because of the constraints in accommodation. The departments in the two campuses of Nagaland and Mizoram are functioning from the rented buildings, which costs heavily to the University. Even at the Headquarters, some departments have been compelled to function from the rented buildings. The Departments under the School of Agricultural Sciences are housed in the building provided by the State Government of Nagaland. Though a plot of land has been made available for construction of the permanent campus for the school, the land needs to be developed and the approach road is required to be constructed. Similar is the case in respect of the Mizoram Campus. At the Headquarters the following are located in the permanent campus of the University.



Two Annual Reports of the University were published by the Publication Cell during the year.

4 issues of the quarterly journal, "NEHU Journal of Social Sciences and Humanities" and 12 issues of the monthly news bulletin entitled "NEHU NEWS" were published.

The Lithotex equipment of the NEHU Offset Printing Press was installed successfully during the year and the printing press is expected to be fully operational in a couple of months.

### PACHUNGA UNIVERSITY COLLEGE Aizawl

- A. Name of College : Pachhunga University College, Aizawl - 1.  
 Name Principal : Saingenga.  
 Year of Establishment : 1958
- B. Classes and subjects for which affiliated.
- Pre-University, Arts/Science/ Commerce. : English, Mizo (MIL), Hindi (MIL). Bengali Assamese, Nepali, History, Mathematics, Economics. Political Science Statistics, Book-Keeping, Commercial Arithmetics. Book-Keeping, Commercial Geography, Logic, Education, Geography, Physics, Chemistry, Biology Salesmanship and Publicity, Secretarial Practice & Procedure, Insurance.
- Degree : English, MIL, Foundation Course, English Elective, Political Science, Economics, Sociology, Psychology, History, Geography, Education, Philosophy, Physics, Chemistry, Mathematics, Statistics, Accountancy, Auditing, Geology, Zoology, Botany.
- Hons : English, History, Political Science, Education, Economics, Sociology, Philosophy Geography, Mathematics, Statistics, Accountancy, Auditing, Geology, Zoology, Botany Chemistry, Physics.
- C. Enrolment of Students (SC/ST-Genl) (Male/Female)
- | P. U.                    | Degree Pass       | Degree Honours      |
|--------------------------|-------------------|---------------------|
| (a) Arts - 251           | (a) Arts - 68     | (a) Arts - 30       |
| (b) Science - 364        | (b) Science - 124 | (b) Science - 10    |
| (c) Commerce - 78        | (c) Commerce - 11 | (c) Commerce - x    |
| (d) Total : General- 139 | (d) S. Castes - x | (d) S. Tribes - 828 |
- D. No. of Shift and No. of teachers subject wise :- One (Day Shift) :  
 English - 7, Mizo - 5, History - 5, Political Science - 5, Economics - 3, Philosophy - 3, Education - 5, Geography - 4, Sociology - 3, Geology - 3, Psychology - 1, Commerce - 3, Statistics - 3, Botany - 3, Chemistry - 6, Physics - 7, Zoology - 4, Mathematics - 4,
- E. Extra Curricular activity :- N. S. S., N. C. C., S. U., etc.

## EXAMINATION DEPARTMENT

The following examinations were conducted by this University during the year under review :

1989-90

Pre-University (two years) Arts/Commerce/Science/Agriculture  
B. Sc. (three year) (Pass/Honours)  
B. Com. (three year) (Pass/Honours)  
B. A. (three year) (Pass/Honours)  
B. Sc. (Agriculture) (three year)  
B. Ed. (One year)  
L. L. B. (Preliminary/Intermediate/Final)  
B. Lisc.  
M. Sc. conducted only for Shillong Campus  
M. A.  
M. Lisc.  
Diploma  
Certificate Course II

- (I) During the year under report the students agitation in Meghalaya and College Teachers agitation in Nagaland affected the academic calendar of the University resulting in the loss of teaching days in the two states whereas there was no such problem in the state of Mizoram. This necessitated the holding of two examinations for the Under-Graduate level, one for the Colleges in Mizoram in Nov/Dec. 1988 and the other in Feb/March 1989 for the Colleges in Meghalaya and Nagaland. The number of candidates who appeared at each of the above examinations and their results are furnished in Appendix 'A'. All the examinations were held according to schedule notified by the University. In spite of many odds arising from the holding of two examinations and the shortage of space and staff there was no delay in the publication of the University Examination Results. With regard to the Post-Graduate departments a similar exercises had to be done for the departments in Mizoram, Nagaland and Meghalaya.

The University was able to maintain the examination centres at different places in Meghalaya, Nagaland and Mizoram and the difficulties caused by difficult infrastructure and communication system of the region were successfully met with by the University. Success in spite of so many odds, spoke of nature of co-operation and the support received from the state Government of the three States of the University.

- (II) The enrolment of students at different levels during the year under review is given in Appendix 'B'. The enrolment in the College of Agriculture, Medziphema, Nagaland is given in Appendix 'C'. The Semester examinations of that College were conducted successfully during the years under review. (i. e. P. U. and B. Sc. Agriculture).
- (III) The system of allotment of fake roll numbers is still in vogue for the Under-Graduate examinations, in spite of inadequate facilities like space, staff etc. and answerscripts have been modified accordingly with all the changes at various academic levels, this department has been able to publish the results in time
- (IV) All the semester/examinations in the Post-Graduate departments of Shillong were also conducted smoothly. The cases of malpractices detected during the year under report, i. e. 1989 is 65.
- (V) The 8th Convocation of the University was actually fixed on the 15th October, 1990, but due to law and order problem in Shillong, the Convocation was postponed.

ANALYSIS OF P. U. (ARTS)

Name of the Colleges	Appeared									Others			Total		
		Other		S. C.		S. T.		Total		Male			Female		
		M	F	M	F	M	F	M	F	I	II	III	I	II	III
St. Anthony's (R)		78	..	152	..	2	232	232	..	8	24	19	..	..	..
" (N.C)		17	..	49	..	..	..	66	..	..	..	10	..	..	..
Shillong College (R)		39	30	116	39	10	14	165	83	1	7	13	..	..	..
" (N.C.)		21	6	20	41	8	..	49	47	..	..	2	..	..	1
Raid Laban (R)		2	..	14	10	..	..	16	10	..	..	1	..	..	..
Mendipathar (R)		10	7	64	52	..	..	74	59	..	..	2	..	..	2
" (N.C.)		7	5	36	24	..	..	43	29	..	..	1	..	..	..
Union Christian (R)		7	1	26	36	..	..	33	37	..	3	2	..	1	..
" (N.C.)		..	..	2	2	..	..	2	2	..	..	..	..	..	..
Tirikilla (R)		2	..	3	..	..	..	5	..	..	..	..	..	..	..
Acheng,Rangmanpa (R)		11	4	2	..	..	1	13	5	..	2	3	..	2	..
Nongstoin (R)		..	..	8	5	..	..	8	5	..	..	..	..	..	..
" (N.C.)		..	..	18	3	..	..	18	3	..	..	..	..	..	..
S. Syiem Memorial (R)		..	..	15	14	..	..	15	14	..	..	..	..	..	..
" (N.C)		..	..	4	4	..	..	4	4	..	..	..	..	..	..
Don Bosco (R)		16	..	44	..	..	..	60	..	2	7	3	..	..	..
" (N.C)		..	..	1	2	..	..	1	2	..	..	..	..	..	..
Tirot S. Memorial (R)		..	..	3	5	..	..	3	5	..	..	..	..	..	..
" (N.C)		..	..	..	4	..	..	..	4	..	..	..	..	..	..
Ri-Bhoi (R)		1	..	22	14	..	..	23	14	..	..	..	..	..	..
Women's (R)		..	11	..	60	..	1	..	72	..	..	..	2	2	3
Seng Khasi (R)		..	..	53	60	..	..	53	60	..	..	..	..	..	..
" (N.C)		..	..	22	44	..	..	22	44	..	..	..	..	..	..
St. Mary's (R)		..	84	..	146	..	..	..	230	..	..	..	14	34	24
" (N.C.)		..	..	..	11	..	..	..	11	..	..	..	..	..	..
St. Edmund's (R)		23	..	68	..	..	..	91	..	6	8	8	..	..	..
" (N.C)		3	..	..	..	..	..	3	..	..	..	1	..	..	..
Lady Keane (R)		..	65	..	219	..	8	..	292	..	..	..	4	14	37
" (N.C)		..	29	..	74	..	5	..	108	..	..	..	..	..	8
Kiang N. Govt. (R)		..	..	42	50	..	..	42	50	..	..	..	..	..	..
" (N.C)		..	..	31	59	..	..	31	59	..	..	..	..	..	..
Tura Govt. (R)		29	26	185	81	..	..	214	107	..	..	3	..	5	..
" (N.C)		15	17	181	63	..	..	196	80	..	..	2	..	1	1
Synod (R)		13	2	158	106	..	..	171	108	..	2	4	..	..	..
" (N.C)		2	4	54	82	..	..	56	86	..	..	..	..	..	..
Sohra (R)		1	..	5	3	..	..	6	3	..	..	..	..	..	..
" (N.C)		..	1	..	5	..	..	..	6	..	..	..	..	..	..
Sankardev (R)		28	3	52	11	..	..	80	14	..	3	10	..	..	2
" (N.C)		6	5	23	11	..	..	29	16	..	..	1	..	..	2
Private [Centre (R)		17	116	12	112	..	..	29	228	..	2	2	2	4	14
Meghalaya Total : (R)		260	233	1032	911	12	24	1304	1168	17	56	68	20	58	70
" (N.C)		88	183	453	541	8	5	549	729	..	2	19	2	5	26
TOTAL :		348	416	1485	1452	20	29	1853	1897	17	58	87	22	63	96
Kolasib (R)		..	..	21	10	..	..	21	10	..	..	..	..	..	..
" (N.C)		..	..	5	7	..	..	5	7	..	..	..	..	..	..
Lunglei Govt. (R)		..	..	105	42	..	..	105	42	..	..	..	..	..	..
" (N.C)		..	..	18	12	..	..	18	12	..	..	..	..	..	..
Hamt hial (R)		..	..	17	14	..	..	17	14	..	..	..	..	..	..
" (N.C)		..	..	2	1	..	..	2	1	..	..	..	..	..	..

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Number Passed

Total M	Total F	S. Tribes						Total M	Total F	S. Caste			Total M	Total F
		Male			Female					I	II	III		
		I	II	III	I	II	III			I	II	III		
51		4	43	52	..	..	..	99	..	..	..	..	..	..
10	..	..	2	17	..	..	..	19	..	..	..	..	..	..
21	1	1	6	34	..	5	12	41	17	..	..	..	..	..
2	1	..	1	9	..	..	10	10	10	..	..	..	..	..
1	..	..	4	7	..	4	4	11	8	..	..	..	..	..
2	2	..	..	11	..	..	9	11	9	..	..	..	..	..
1	..	..	..	1	..	..	..	1	..	..	..	..	..	..
5	1	1	11	13	1	17	14	25	32	..	..	..	..	..
..	..	..	..	2	..	1	..	2	1	..	..	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	..
5	2	..	..	1	..	..	..	1	..	..	..	..	1	1
..	..	..	1	7	..	..	3	8	3	..	..	..	..	..
..	..	..	..	5	..	..	1	5	1	..	..	..	..	..
..	..	..	5	4	..	11	1	9	12	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	..	3	26	7	..	..	..	36	..	..	..	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	..
..	..	..	1	1	..	1	4	2	5	..	..	..	..	..
..	..	..	..	..	..	..	3	..	3	..	..	..	..	..
..	..	..	..	2	..	..	2	2	2	..	..	..	..	..
..	7	..	..	..	1	13	24	..	38	..	..	..	..	..
..	..	..	14	34	..	11	31	48	42	..	..	..	..	..
..	..	..	..	5	..	2	15	6	17	..	..	..	..	..
..	72	..	..	..	10	43	56	..	109	..	..	..	..	..
..	..	..	..	..	..	..	3	..	3	..	..	..	..	..
22	..	2	23	29	..	..	..	..	54	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	55	..	..	..	5	44	93	..	142	..	..	1	3	6
..	8	..	..	..	..	14	..	15	..	..	..	1	3	4
..	..	..	4	15	..	2	10	19	12	..	..	..	..	..
..	..	..	..	2	..	..	2	2	2	..	..	..	..	..
3	6	..	5	11	..	3	5	16	8	..	..	..	..	..
2	2	..	4	13	..	2	7	17	9	..	..	..	..	..
6	1	..	21	45	1	8	34	67	43	..	..	..	..	..
..	..	..	2	8	..	3	7	10	10	..	..	..	..	..
..	..	..	1	1	..	..	..	2	..	..	..	..	..	..
..	..	..	..	..	..	..	2	..	2	..	..	..	..	..
13	2	..	4	13	..	1	4	17	5	..	..	..	..	..
1	2	..	..	1	..	..	..	1	..	..	..	..	..	..
4	20	..	..	2	..	4	21	2	25	..	..	..	..	..
141	148	12	169	288	18	193	306	469	487	..	..	1	3	7
21	33	..	10	31	..	13	85	41	98	..	..	..	1	3
162	181	12	179	319	18	176	391	510	585	..	..	1	1	10
..	..	..	6	12	..	6	1	18	7	..	..	..	..	..
..	..	..	20	29	..	14	14	49	28	..	..	..	..	..
..	..	..	..	4	..	4	1	4	5	..	..	..	..	..
..	..	..	5	5	..	11	1	10	12	..	..	..	..	..
..	..	..	1	1	..	1	..	2	1	..	..	..	..	..

		Other		S. C.		S. T.		Total	Other			Total			
		M	F	M	F	M	F		Male	II	III	I	II	III	
Lawngtlai	(R)	..	..	24	11	..	..	24	11	..	..	..	..	..	..
Saiha	(R)	..	..	28	22	..	..	28	22	..	..	..	..	..	..
	(N.C)	..	..	3	1	..	..	3	1	..	..	..	..	..	..
Champhai Govt.	(R)	..	..	72	27	..	..	72	27	..	..	..	..	..	..
	(N.C)	..	..	5	..	..	..	5	..	..	..	..	..	..	..
Hrangbana	(R)	..	..	380	400	2	3	382	403	..	..	..	..	..	..
	(N.C)	..	..	8	9	..	..	8	9	..	..	..	..	..	..
Aizawl	(R)	..	..	120	95	..	..	120	95	..	..	..	..	..	..
	(N.C)	..	..	42	13	..	..	42	13	..	..	..	..	..	..
Lawngtlai	(R)	..	..	24	11	..	..	24	11	..	..	..	..	..	..
Serchhip Govt.	(R)	..	..	29	21	..	..	29	21	..	..	..	..	..	..
Pachhunga Univ.	(R)	..	..	1	19	13	..	19	14	..	..	..	..	..	..
	(N.C)	1	..	20	12	..	..	21	12	..	..	1	..	..	..
Zirtiri Women's	(R)	..	..	..	80	..	..	..	80	..	..	..	..	..	..
Mizoram Total :	(R)	..	..	1	839	746	2	3	841	750	..	..	..	..	..
	(N.C)	1	..	103	55	..	..	104	55	..	..	1	..	..	..
TOTAL :		1	1	942	801	2	3	945	805	..	..	1	..	..	..
Kohima	(R)	6	6	186	152	1	..	193	158	..	2	3	..	1	2
	(N.C)	4	2	117	52	..	..	121	54	..	1	1	..	..	1
Wangkhao	(R)	2	..	8	5	..	..	10	5	..	..	2	..	..	..
	(N.C)	1	1	11	1	..	..	12	2	..	..	1	..	..	1
Fazl Ali	(R)	3	2	24	29	..	..	27	31	..	..	2	..	1	1
	(N.C)	..	..	80	98	..	..	80	98	..	..	..	..	..	..
Patkai Christian	(R)	2	1	76	75	1	..	79	76	..	1	1	..	..	1
	(N.C)	..	..	11	..	..	..	11	..	..	..	..	..	..	..
Sao Chang	(R)	4	4	27	9	..	..	31	13	..	1	2	..	2	2
	(N.C)	5	1	34	13	..	..	39	14	..	..	4	..	..	..
St. Joseph's	(R)	11	..	2	..	..	..	13	..	..	..	..	..	..	11
Mount Tiyi	(R)	1	2	15	16	..	..	16	18	..	1	..	..	..	2
	(N.C)	1	1	28	9	..	..	29	10	..	..	..	..	..	..
Baptist	(R)	..	2	23	14	..	..	23	16	..	..	..	..	..	..
Pfutsero	(R)	1	..	11	6	..	..	12	6	1	..	..	..	..	..
People's	(R)	..	..	37	39	2	1	39	40	..	..	..	..	..	..
	(N.C)	1	..	38	19	..	..	39	19	..	..	..	..	..	..
Phek	(R)	1	..	4	1	..	..	5	1	..	..	..	..	..	..
Zunhebota	(R)	1	..	15	11	..	..	16	11	..	..	..	..	..	..
	(N.C)	..	1	27	23	..	..	27	24	..	..	..	..	1	..
Dimapur	(R)	14	45	132	140	..	..	146	185	..	5	4	..	21	20
	(N.C)	3	9	60	40	..	..	63	49	..	..	1	..	5	4
Nagaland Total	(R)	46	62	560	497	4	1	610	560	1	21	14	..	27	28
	(N.C)	15	15	406	255	..	..	421	270	..	1	7	..	6	6
TOTAL :		61	77	966	752	4	1	1031	830	1	22	21	..	33	34
Total of 3 States	(R)	306	296	2431	2154	18	28	2755	2478	18	77	82	20	85	98
	(N.C)	104	198	962	851	8	5	1074	1054	..	3	27	2	11	32
TOTAL :		410	494	3393	3005	26	33	3829	3532	18	80	109	22	96	130

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Total of 3 States	(R)	218	7	384	79	14	2	616	88	16	89	39	..	3	..
	(N.C)	44	3	52	8	9	..	104	11	..	4	15	..	..	2
TOTAL :		262	10	436	87	22	2	720	99	16	93	54	..	3	2

Total F	S. Tribes Male		Female III	II	Total M F		I	S. Caste			Total M F			
	I	II			III	I		II	III	I	II	III		
..	..	..	20	3	..	10	1	23	11	..	..	..	..	..
..	..	..	2	8	..	6	1	1	16	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	18	29	..	6	5	48	11	..	..	..	..	..
..	..	..	2	1	..	..	..	3	..	..	..	..	..	..
..	..	..	90	150	..	40	80	240	120	..	..	2	..	3 3 3
..	..	..	..	6	..	..	2	6	2	..	..	..	..	..
..	..	..	12	27	1	4	25	39	30	..	..	..	..	..
..	..	..	..	11	..	..	2	11	2	..	..	..	..	..
..	..	..	20	3	..	10	1	23	11	..	..	..	..	..
..	..	..	5	9	..	9	9	14	18	..	..	..	..	..
..	..	..	8	8	1	4	6	16	11	..	..	..	..	..
1	..	..	6	3	..	4	3	9	7	..	..	..	..	..
..	..	..	..	..	..	28	31	..	59	..	..	..	..	..
..	..	1	206	283	2	148	184	409	334	..	..	2	..	3 2 3
1	..	..	9	26	..	..	9	8	35	17	..	..	..	..
1	..	1	215	309	2	157	192	525	351	..	..	2	..	3 2 3
5	3	..	18	71	..	10	42	89	52	..	..	..	..	..
2	1	..	2	67	..	3	10	69	13	..	..	..	..	..
2	2	..	..	3	..	..	..	3	..	..	..	..	..	..
1	1	..	..	2	..	..	1	2	1	..	..	..	..	..
2	2	..	3	17	..	7	16	20	23	..	..	..	..	..
..	..	..	1	22	..	..	17	23	17	..	..	..	..	..
2	1	3	24	43	3	30	37	70	70	..	1	..	..	1 ..
..	..	..	1	7	..	..	..	8	..	..	..	..	..	..
3	4	..	2	20	..	1	7	22	8	..	..	..	..	..
4	..	..	..	13	..	..	9	13	9	..	..	..	..	..
11	..	..	2	..	..	..	..	2	..	..	..	..	..	..
1	2	1	5	6	..	6	10	12	16	..	..	..	..	..
..	..	..	3	14	1	1	6	17	8	..	..	..	..	..
..	2	..	4	7	..	4	5	11	9	..	..	..	..	..
1	..	..	..	9	..	..	6	9	6	..	..	..	..	..
..	..	..	..	4	..	..	1	4	1	..	..	1	..	1 ..
..	..	..	..	5	..	..	1	5	3	..	..	..	..	..
..	..	..	..	3	..	H	1	3	..	..	..	..	..	..
..	1	..	..	3	..	..	1	3	1	..	..	..	..	..
9	41	..	30	69	..	34	70	99	104	..	..	..	..	..
1	9	..	9	28	..	7	24	37	31	..	..	..	..	..
36	55	4	88	255	3	92	195	347	290	..	1	1	..	2 ..
8	12	..	16	161	1	11	69	177	81	..	..	..	..	..
44	67	4	174	416	4	103	264	524	371	..	1	1	..	2 ..
177	203	17	463	826	23	403	685	1306	1111	..	1	3	1	3 10 4 14
30	45	..	35	218	1	33	162	253	196	..	..	..	..	1 3 .. 4
207	248	17	498	1044	24	436	847	1559	1307	..	1	3	1	4 13 4 18

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144	3	5	89	122	..	21	26	206	47	..	2	4	..	..	6 ..
19	2	..	12	30	..	9	5	42	8	..	..	4	..	..	4 ..
163	5	5	101	142	..	24	31	248	55	..	2	8	..	..	10 ..

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Name of the Colleges		Appeared								Others			Female		
		Others		S.		T	S.	C	Total	I	Male		I	II	III
		M	F	M	F	M	F	M	F		II	III			
St. Anthony's	(R)	33	..	71	..	2	..	106	..	1	13	6	..	..	..
	(N.C)	8	..	18	..	..	..	26	..	..	3	2	..	..	..
Shillong	(R)	72	4	74	50	12	2	158	56	2	16	9	..	2	..
	(N.C)	35	3	14	8	8	..	57	11	..	1	12	..	..	2
Raid Laban	(R)	10	..	15	1	..	..	25	1	..	6	1	..	..	..
Shillong Commerce	(R)	5	1	30	9	..	..	35	10	..	4	1	..	..	..
Meghalaya Total	(R)	120	5	190	60	14	2	324	67	3	39	17	..	2	..
	(N.C)	43	3	32	8	8	..	83	11	..	4	14	..	..	2
TOTAL :		163	8	222	68	22	2	407	78	3	43	31	..	2	2
St. Joseph's	(R)	..	..	20	3	..	..	20	3	..	..	..	..	..	..
	(Q.C)	..	..	8	..	..	..	8	..	..	..	..	..	..	..
Baptist	(R)	3	..	14	..	..	..	17	..	..	1	..	..	..	..
Dimapur	(R)	93	2	75	1	..	..	168	3	13	50	20	..	1	..
Nagaland	(R)	96	2	109	4	..	..	205	6	13	50	21	..	1	..
Total :	(NC)	..	..	8	..	..	..	8	..	..	..	..	..	..	..
TOTAL :		96	2	117	4	..	..	213	6	13	50	21	..	1	..
Pachhunga Univ.	(R)	2	..	10	1	..	..	12	1	..	..	1	..	..	..
	(NC)	1	..	7	..	..	..	8	..	..	1	..	..	..	..
Hrangbana	(R)	..	..	40	8	..	..	40	8	..	..	..	..	..	..
	(NC)	..	..	5	..	..	..	5	..	..	..	..	..	..	..
Aizawl	(R)	..	..	35	6	..	..	35	6	..	..	..	..	..	..
	(N.C)	..	..	4	..	..	..	4	..	..	..	..	..	..	..
Mizoram Total	(R)	2	..	85	15	..	..	87	15	..	..	1	..	..	..
	(N.C)	1	..	12	..	..	..	13	..	..	1	..	..	..	..
TOTAL :		3	..	97	15	..	..	100	15	..	2	..	..	..	..

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St. Anthony's	(R)	75	..	121	..	..	..	196	..	11	36	7	..	..	..
	(N.C)	11	..	23	..	..	..	34	..	..	1	..	..	..	..
Shillong	(R)	22	9	52	31	5	..	79	40	..	7	6	..	..	..
Raid Laban	(R)	2	..	18	3	..	..	20	3	..	2	..	..	..	..
St. Mary's	(R)	..	..	51	..	58	..	..	109	..	..	..	28	18	..
St. Edmund's	(R)	97	..	57	..	..	..	154	..	51	40	3	..	..	..
	(N.C)	2	..	..	..	..	..	2	..	..	1	..	..	..	..
Lady Keane	(R)	..	40	..	64	..	3	..	107	..	..	..	12	20	7
	(N.C)	..	..	..	15	..	..	..	15	..	..	..	..	..	..
Kiang N. Govt.	(R)	..	..	15	24	..	..	15	24	..	..	..	..	..	..
	(N.C)	..	..	7	2	..	..	7	2	..	..	..	..	..	..
Tura Govt.	(R)	4	4	27	21	..	..	31	25	..	..	..	1	1	..
	(N.C)	5	1	8	14	..	..	13	15	..	1	..	..	..	1
Synod	(R)	2	..	4	6	..	..	6	6	..	2	..	..	..	..
Sankardev	(R)	18	5	76	1	3	..	94	18	..	4	3	..	..	2
Meghalaya Total	(R)	220	109	370	220	5	3	595	392	62	90	19	41	39	10
	(N.C)	18	1	38	31	..	..	56	32	..	2	1	..	..	..
TOOTAL :		238	110	408	251	5	3	651	364	62	93	20	41	39	10

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Total	Number Passed		S. Tribes	Total	S. Tribe	Total	S. Tribe		Total					
	M	F					Male	Female		M	F			
M	F	I	II	III	I	II	III	I	II	III	M	F		
20	0	..	2	23	19	..	..	..	44	..	..	..	1	..
5	..	..	5	6	..	..	..	..	11	..	..	..	..	..
13	2	..	18	15	..	13	12	34	25	..	2	3	..	5
7	..	1	6	15	..	3	5	21	8	..	..	4	..	4
5	..	..	9	3	..	..	1	13	1	..	..	..	..	..
59	2	..	11	10	..	4	2	21	6	..	..	..	..	..
18	2	..	61	47	..	17	15	112	32	..	2	4	..	6
77	4	4	72	68	..	20	20	144	40	..	2	8	..	10
..	..	1	3	7	..	..	2	11	2	..	..	..	..	..
..	..	..	..	4	..	..	..	4	..	..	..	..	..	..
1	..	..	..	3	..	..	..	3	..	..	..	..	..	..
83	1	..	19	33	..	1	..	52	1	..	..	..	..	..
84	1	1	22	43	..	1	2	66	3	..	..	..	..	..
..	..	..	..	4	..	..	..	4	..	..	..	..	..	..
84	1	1	22	47	..	1	2	70	3	..	..	..	..	..
1	..	..	..	2	..	1	..	2	1	..	..	..	..	..
1	..	..	1	2	..	..	..	3	..	..	..	..	..	..
..	..	..	3	13	..	..	6	16	6	..	..	..	..	..
..	..	..	..	2	..	..	..	2	..	..	..	..	..	..
..	..	..	3	7	..	2	3	10	5	..	..	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	..
1	..	..	6	22	..	3	9	28	12	..	..	..	..	..
1	..	..	1	5	..	..	..	6	..	..	..	..	..	..
2	..	..	7	27	..	3	9	34	12	..	..	..	..	..

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54	..	19	71	13	..	..	..	103	..	..	..	..	..	..	..
1	..	1	5	8	..	..	..	14	..	..	..	..	..	..	..
13	..	..	12	15	..	6	9	27	15	..	2	3	..	5	..
2	..	..	11	3	1	2	..	14	3	..	..	..	..	..	..
..	46	..	..	..	18	27	3	..	48	..	..	..	..	..	..
94	..	21	26	5	..	..	..	52	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	39	..	..	..	4	39	4	..	47	..	..	1	2	..	3
..	..	..	..	..	..	1	3	..	4	..	..	..	..	..	..
..	..	..	7	2	..	7	2	9	9	..	..	..	..	..	..
..	..	..	..	2	..	..	2	2	2	..	..	..	..	..	..
..	2	..	4	6	1	2	10	10	13	..	..	..	..	..	..
1	1	..	..	1	..	3	4	1	7	..	..	..	..	..	..
2	..	1	2	..	1	5	..	3	6	..	..	..	..	..	..
7	2	..	2	22	..	3	2	24	5	..	..	..	..	..	..
172	90	41	135	84	25	91	30	260	146	..	2	3	1	2	5 3
3	..	1	5	11	..	4	9	17	13	..	..	..	..	..	..
175	90	42	140	95	25	95	39	277	159	..	2	3	1	2	5 3

		Other		S. M	T F	S. C		Total		Other			Female		
		M	F			M	F	M	F	I	II	III	I	II	III
Fazl Ali	(R)	6	..	33	5	..	..	39	5	..	1	1	..	..	..
	(N.C)	4	..	60	14	..	..	64	14	..	..	..	..	..	..
Science	(R)	48	15	170	48	..	..	218	63	9	13	4	3	10	1
	(N.C)	9	2	97	19	..	..	106	21	..	4	..	..	..	1
Nagaland Total	(R)	54	15	203	53	..	..	257	68	9	14	5	3	10	1
	(N.C)	13	2	157	33	..	..	170	35	..	4	..	..	..	1
TOTAL :		67	17	360	86	..	..	427	103	9	18	5	3	10	2
Kolasib	(R)	..	..	13	4	..	..	13	4	..	..	..	..	..	..
Lunglei Govt.	(R)	2	..	63	7	..	..	65	7	..	1	..	..	..	..
	(N.C)	..	..	2	2	..	..	2	2	..	..	..	..	..	..
Aizawl	(R)	..	..	22	8	..	..	22	8	..	..	..	..	..	..
Pachhunga Univ.	(R)	5	3	92	32	..	..	97	35	1	1	1	..	1	..
	(N.C)	2	1	8	46	..	..	10	47	..	..	1	..	..	..
Mizoram Total	(R)	7	3	190	51	..	..	197	54	1	2	1	..	1	..
	(N.C)	2	1	10	48	..	..	12	49	..	..	1	..	..	..
TOTAL :		9	4	200	99	..	..	209	103	1	2	2	..	1	..
TOTAL OF	(R)	281	127	763	324	5	3	1049	454	72	107	25	44	50	11
3 STATES	(N.C)	33	4	205	112	..	..	238	116	..	6	2	..	..	1
TOTAL :		314	131	968	436	5	3	1287	570	72	113	27	44	50	12

#### ANALYSIS OF P. C. (VOCATIONAL) :

St. Joseph's	(R)	1	2	26	30	..	..	27	32	..	1	..	..	1	..
	(N.C)	..	..	3	2	..	..	3	2	..	..	..	..	..	..
Nagaland Total :		1	2	29	2	..	..	30	34	..	1	..	..	1	..

#### APPEARED IN CERTAIN

St. Joseph's	..	..	4	..	..	..	..	4	..	..	..	..	..	..	..
(Nagaland Total :)															

#### ANALYSIS OF P. U. & B. SC. (AGRI) :

P. U. (AGRI).	12	1	16	1	..	..	..	28	2	8	4	..	1	..	..
B. SC. (AGRI).	7	..	9	1	..	..	..	16	1	3	4	..	..	..	..

Total		S. Tribes			Female		Total		S. Tribe			Female		Total		
M	F	I	II	III	I	II	M	F	I	II	III	I	II	III	M	F
2	..	..	9	4	..	2	1	13	3	..	..	..	..	..	..	..
..	..	..	5	4	..	4	3	9	7	..	..	..	..	..	..	..
26	14	1	43	20	6	20	7	64	33	..	..	..	..	..	..	..
4	1	2	20	19	1	7	6	41	14	..	..	..	..	..	..	..
28	14	1	52	24	6	22	8	77	36	..	..	..	..	..	..	..
4	1	2	25	23	1	11	9	50	21	..	..	..	..	..	..	..
32	15	3	77	47	7	33	17	127	57	..	..	..	..	..	..	..
..	..	3	9	..	..	4	..	12	4	..	..	..	..	..	..	..
1	..	..	10	12	..	3	2	22	5	..	..	..	..	..	..	..
..	..	..	1	..	..	2	..	1	2	..	..	..	..	..	..	..
..	..	..	2	4	..	1	..	6	1	..	..	..	..	..	..	..
3	1	..	19	16	..	4	3	35	7	..	..	..	..	..	..	..
1	..	..	11	11	..	3	4	22	7	..	..	..	..	..	..	..
4	1	3	40	32	..	12	5	75	17	..	..	..	..	..	..	..
1	..	..	12	11	..	5	4	23	9	..	..	..	..	..	..	..
5	1	3	52	43	..	17	9	98	26	..	..	..	..	..	..	..
204	105	45	227	140	31	125	43	412	199	..	2	3	1	2	..	5 3
8	1	3	42	45	1	20	22	90	43	..	..	..	..	..	..	..
212	106	48	269	185	32	145	65	502	242	..	2	3	1	2	..	5 ..

**EXAMINATION RESULTS 1989**

1	1	2	15	1	6	14	1	18	21	..	..	..	..	..	..	..
..	..	..	..	3	..	2	..	3	2	..	..	..	..	..	..	..
1	1	2	15	4	6	16	1	21	23	..	..	..	..	..	..	..

**SUBJECTS P. U. (VOC.)**

..	..	..	..	4	..	..	..	4	..	..	..	..	..	..	..	..
----	----	----	----	---	----	----	----	---	----	----	----	----	----	----	----	----

**EXAMINATION RESULTS : 1989.**

12	1	9	6	..	1	..	..	15	1	..	..	..	..	..	..	..
7	..	..	9	..	..	1	..	9	1	..	..	..	..	..	..	..

ANALYSIS OF B. A. (PASS)

Name of the Colleges		Appeared														
		Others		S.		T		S.		C		Total		Others		
		M	F	M	F	M	F	M	F	M	F	M	F	I	II	P
Kohima	(R)	3	3	130	92	..	..	133	95	..	..	2	..	..	..	1
	(N.C)	6	5	140	56	..	..	146	61	..	..	1	1	..	..	2
Wangkhao	(R)	..	..	2	..	..	..	2	..	..	..	..	..	..	..	..
Fazi Ali	(R)	..	..	33	16	..	..	33	16	..	..	..	..	..	..	..
	(N.C)	..	..	88	40	..	..	88	40	..	..	..	..	..	..	..
Patkai Christian	(R)	1	1	40	38	..	..	41	39	..	..	1	..	..	1	..
	(N.C)	..	..	5	6	..	..	5	6	..	..	..	..	..	..	..
Sao Chang	(R)	5	4	8	3	..	..	13	7	..	..	4	..	..	2	2
	(N.C)	3	2	12	4	..	..	15	6	..	..	2	..	..	1	..
Mount Tiyi	(R)	..	..	16	14	2	2	18	16	..	..	..	..	..	..	..
	(N.C)	..	..	29	12	2	2	31	14	..	..	..	..	..	..	..
Baptist	(R)	..	..	12	5	..	..	12	5	..	..	..	..	..	..	..
Zunheboto	(R)	1	..	10	3	..	..	11	3	..	..	..	..	..	..	..
	(N.C)	1	..	26	2	..	..	27	2	..	..	..	..	..	..	..
Dimapur	(R)	33	25	100	44	..	..	133	69	..	..	12	16	..	8	12
	(N.C.)	8	8	84	32	..	..	92	40	..	..	1	4	..	..	6
Nagaland Total	(R)	43	33	351	215	2	2	396	250	..	..	13	22	..	11	15
	(N.L)	18	15	384	152	2	2	404	169	..	..	2	7	..	1	8
TOTAL :		61	48	735	367	4	4	800	419	..	..	15	29	..	12	23
Kolasib	(R)	..	..	6	2	..	..	6	2	..	..	..	..	..	..	..
	(N.C)	..	..	13	1	..	..	13	1	..	..	..	..	..	..	..
Lunglei Govt.	(R)	..	1	64	14	..	..	64	15	..	..	..	..	..	..	..
	(N.C)	..	..	34	8	..	..	34	8	..	..	..	..	..	..	..
Lawngtlai	(R)	1	..	17	2	..	..	18	2	..	..	..	..	..	..	..
Saiha	(R)	..	..	18	6	..	..	18	6	..	..	..	..	..	..	..
	(N.C)	..	..	12	..	..	..	12	..	..	..	..	..	..	..	..
Champhai Govt.	(R)	..	..	31	10	..	..	31	10	..	..	..	..	..	..	..
	(N.C)	..	..	7	1	..	..	7	1	..	..	..	..	..	..	..
Hrangbana	(R)	..	..	214	130	1	..	215	130	..	..	..	..	..	..	..
	(N.C)	..	..	38	8	..	..	38	8	..	..	..	..	..	..	..
Aizawl	(R)	..	..	70	25	..	..	70	25	..	..	..	..	..	..	..
	(N.C)	..	..	143	38	..	..	143	38	..	..	..	..	..	..	..
Lawngtlai	(R)	1	..	17	2	..	..	18	2	..	..	1	..	..	..	..
Serchhip Govt.	(R)	..	..	20	17	..	..	20	17	..	..	..	..	..	..	..
	(N.C)	..	..	3	..	..	..	3	..	..	..	..	..	..	..	..
Pachhunga Univ.	(R)	1	1	21	2	..	..	22	2	..	..	..	..	..	..	..
	(N.C)	..	..	21	9	..	..	21	9	..	..	..	..	..	..	..
Zirtri Women's	(R)	..	..	..	16	..	..	..	16	..	..	..	..	..	..	..
Mizoram Total	(R)	3	2	478	226	1	..	482	228	..	..	2	..	..	..	2
	(N.C)	..	..	271	65	..	..	271	65	..	..	..	..	..	..	..
TOTAL :		3	2	749	291	1	..	703	293	..	..	2	..	..	..	2
St. Anthony's	(R)	61	..	107	..	..	..	168	..	..	8	21	..	..	..	..
	(N.C)	37	..	67	..	..	..	104	..	..	1	6	..	..	..	..
Shillong	(R)	22	2	46	29	8	..	76	31	..	1	11	..	..	..	..
	(N.C)	14	1	8	7	3	..	25	8	..	..	6	..	..	..	1

EXAMINATION RESULTS 1989 FEB. - MARCH.

Total		Number Passed						Total		S. Caste			Total				
M	F	S. Tribe			Female			M	F	I	Male	P	I	Female	P	M	F
		I	II	P	I	II	P				II			II			
2	1	..	3	17	..	1	20	20	21	..	..	..	..	..	..	..	..
2	2	..	..	29	..	1	18	29	19	..	..	..	..	..	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	2	11	..	1	7	13	8	..	..	..	..	..	..	..	..
..	..	..	..	10	..	..	3	10	3	..	..	..	..	..	..	..	..
1	1	..	17	22	..	28	9	39	37	..	..	..	..	..	..	..	..
..	..	..	..	4	..	2	4	4	6	..	..	..	..	..	..	..	..
4	4	..	..	6	..	1	1	6	2	..	..	..	..	..	..	..	..
2	1	..	..	5	..	1	3	5	4	..	..	..	..	..	..	..	..
..	..	..	8	4	..	2	12	12	14	..	..	..	..	..	..	2	2
..	..	..	2	21	..	3	9	23	12	..	..	..	..	..	..	2	2
..	..	..	3	5	..	1	2	8	3	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	1	..	2	..	..	..	..	..	..	..	..
28	20	..	11	52	..	2	26	63	28	..	..	..	..	..	..	..	..
5	6	..	3	40	..	5	23	43	28	..	..	..	..	..	..	..	..
35	26	..	44	118	..	36	77	162	113	..	..	..	..	..	..	2	2
9	9	..	5	109	..	13	61	114	74	..	..	..	..	..	..	2	2
44	35	..	49	227	..	49	138	276	187	..	..	..	..	..	..	4	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	3	..	1	..	5	1	..	..	..	..	..	..	..	..
..	1	..	5	18	..	2	5	23	7	..	..	..	..	..	..	..	..
..	..	..	1	2	..	1	1	3	2	..	..	..	..	..	..	..	..
1	..	..	2	5	..	..	..	7	..	..	..	..	..	..	..	..	..
..	..	..	12	6	..	5	1	18	6	..	..	..	..	..	..	..	..
..	..	..	7	2	..	..	..	9	..	..	..	..	..	..	..	..	..
..	..	..	2	8	..	1	4	10	5	..	..	..	..	..	..	..	..
..	..	..	..	5	..	..	1	5	1	..	..	..	..	..	..	..	..
..	..	..	16	41	..	17	54	57	71	..	..	..	..	..	..	..	..
..	..	..	5	18	..	2	3	23	5	..	..	..	..	..	..	..	..
..	..	..	1	15	..	3	9	16	12	..	..	..	..	..	..	..	..
..	..	..	1	24	..	1	6	25	7	..	..	..	..	..	..	..	..
1	..	..	2	3	..	..	..	5	..	..	..	..	..	..	..	..	..
..	..	..	5	9	..	8	3	14	11	..	..	..	..	..	..	..	..
..	..	..	2	1	..	..	..	3	..	..	..	..	..	..	..	..	..
..	1	..	9	5	..	1	1	14	2	..	..	..	..	..	..	..	..
..	..	..	6	7	..	3	5	13	8	..	..	..	..	..	..	..	..
..	..	..	..	..	..	6	4	..	10	..	..	..	..	..	..	..	..
2	2	..	54	110	..	43	81	164	124	..	..	..	..	..	..	..	..
..	..	..	24	62	..	8	16	86	24	..	..	..	..	..	..	..	..
2	2	..	78	172	..	51	97	250	148	..	..	..	..	..	..	..	..
29	..	..	6	36	..	..	..	42	..	..	..	..	..	..	..	..	..
7	..	..	..	11	..	..	..	11	..	..	..	..	..	..	..	..	..
12	..	..	1	14	..	..	6	15	6	..	..	1	..	..	..	1	..
6	1	..	..	2	..	..	1	2	1	..	..	..	..	..	..	..	..

		Others		S T		S. C		Total		Other			I II P		
		M	F	M	F	M	F	M	F	I	II	P	I	II	P
Mendipathar	(R)	7	2	14	8	..	..	21	10	..	..	1	..	..	..
	(N.C)	4	1	6	5	..	..	10	6	..	..	..	..	..	..
Union Christian	(R)	5	..	27	16	..	..	32	16	..	1	2	..	..	..
	(N.C)	1	..	10	3	..	..	11	3	..	..	..	..	..	1
Don Bosco	(R)	..	1	5	..	..	..	5	1	..	..	..	..	..	..
Women's	(N.C)	..	5	..	29	..	..	..	34	..	..	..	..	1	4
Seng Khasi	(R)	..	..	27	20	..	..	27	20	..	..	..	..	..	..
	(N.C)	..	..	34	18	..	..	34	18	..	..	..	..	..	..
St. Mary's	(R)	..	57	..	118	..	..	..	175	..	..	..	1	18	30
	(N.C)	..	4	..	27	..	..	..	31	..	..	..	..	..	2
St. Edmund's	(R)	36	..	65	..	..	..	101	..	..	16	12	..	..	..
	(N.C)	2	..	9	..	..	..	11	..	..	..	2	..	..	..
Lady Keane	(R)	..	49	..	97	..	14	..	160	..	..	..	..	12	20
	(N.C)	..	17	..	55	..	3	..	75	..	..	..	..	3	..
Kiang N. Govt.	(R)	..	..	4	14	..	..	4	14	..	..	..	..	..	..
	(N.C)	..	2	15	46	..	..	15	48	..	..	..	..	..	..
Private Centre		34	100	48	95	..	..	82	195	..	5	5	..	5	22
Synod	(R)	2	..	67	60	..	..	69	60	..	..	1	..	..	..
	(N.C)	4	..	78	66	..	..	82	66	..	..	1	..	..	..
Tura Govt.	(R)	6	9	46	28	..	..	52	37	..	..	..	..	5	2
	(N.C)	17	15	72	75	..	..	89	90	..	1	1	..	..	3
Sankardev	(R)	54	8	63	7	..	..	117	15	..	6	14	..	..	5
Meghalaya Total	(R)	193	128	471	397	8	14	672	539	..	32	62	1	35	58
	(N.C)	113	145	347	426	3	3	463	674	..	7	16	..	9	32
TOTAL :		306	273	818	823	11	17	1135	111	..	39	78	1	44	90
TOTAL OF	(R)	239	163	1300	838	11	16	1550	1017	..	45	86	1	46	75
3 STATES	(N.C)	131	160	1002	643	5	5	1138	808	..	9	23	..	10	40
TOTAL :		370	323	2302	1481	16	21	2688	1825	..	54	109	1	56	115

Total		S. Tribe			Female			Total		S. Caste					Total			
M	F	Male			Female			M	F	Male			Female		Total			
		I	II	P	I	II	P			I	II	P	I	II	P	I	II	P
1	..	..	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..
3	..	..	4	15	..	2	7	19	9	..	..	..	..	..	..	..	..	..
..	..	..	..	6	..	..	3	6	3	..	..	..	..	..	..	..	..	..
..	1	..	..	5	..	..	..	5	..	..	..	..	..	..	..	..	..	..
..	5	..	..	..	..	5	7	..	12	..	..	..	..	..	..	..	..	..
..	..	..	..	11	..	3	8	11	11	..	..	..	..	..	..	..	..	..
..	..	..	..	6	..	..	..	6	..	..	..	..	..	..	..	..	..	..
..	49	..	..	..	..	18	53	..	71	..	..	..	..	..	..	..	..	..
..	2	..	..	..	..	..	7	..	7	..	..	..	..	..	..	..	..	..
28	..	..	20	31	..	..	..	..	51	..	..	..	..	..	..	..	..	..
2	..	..	1	5	..	..	..	6	..	..	..	..	..	..	..	..	..	..
..	32	..	..	..	..	13	33	..	46	..	..	..	..	..	2	5	..	..
..	3	..	..	..	..	..	8	..	8	..	..	..	..	..	..	1	..	..
..	..	..	..	1	..	..	4	1	4	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	27	..	..	..	..	..	19	..	19	..	..	..	..	..	..	..	..	..
1	..	..	4	24	..	2	12	28	14	..	..	..	..	..	..	..	..	..
1	..	..	2	2	..	..	5	4	5	..	..	..	..	..	..	..	..	..
..	7	..	..	5	..	..	4	5	4	..	..	..	..	..	..	..	..	..
2	3	..	..	2	..	..	5	2	5	..	..	..	..	..	..	..	..	..
20	5	..	3	15	..	2	..	18	2	..	..	..	..	..	..	..	..	..
94	94	..	38	159	..	40	127	197	167	..	..	1	..	2	5	..	17	..
23	41	..	3	34	..	5	55	37	6	..	..	..	..	..	..	1	..	1
117	135	..	41	193	..	45	182	234	227	..	..	1	..	2	6	1	8	..
131	122	..	136	387	..	119	285	523	404	..	..	1	..	..	2	..	2	..
32	50	..	32	205	..	26	132	237	158	..	..	..	..	..	2	..	2	..
163	172	..	168	592	..	145	417	760	562	..	..	1	..	..	4	..	4	..

ANALYSIS OF B. SC. (PASS)

Name of the Colleges		Appeared								Male			Female		
		M	F	M	F	M	F	M	F	I	II	P	I	II	P
St. Anthony's	(R)	23	..	39	..	..	..	62	..	1	10	1	..	..	..
	(N.C)	12	..	124	..	..	..	36	..	..	4	1	..	..	..
Shillong	(R)	19	2	15	9	5	..	39	11	..	3	2	..	..	..
	(N.C)	1	..	1	..	..	..	2	..	..	1	..	..	..	..
St. Mary's	(R)	..	26	..	16	..	..	..	42	..	..	..	7	13	2
St Edmund's	(R)	50	..	22	..	..	..	72	..	5	31	1	..	..	..
	(N.C)	3	..	..	..	..	..	3	..	..	..	2	..	..	..
Lady Keane	(R)	..	24	..	46	..	2	..	72	..	..	..	8	12	1
Kiang N. Govt.	(R)	2	..	5	4	..	..	7	4	..	..	..	..	..	..
	(N.C)	..	..	3	..	..	..	3	..	..	..	..	..	..	..
Tura Govt.	(R)	3	5	6	..	..	..	9	5	..	3	..	1	..	1
	(N.C)	6	1	4	2	..	..	10	3	..	2	1	..	..	..
Meghalaya Total	(R)	97	57	87	75	5	2	189	134	6	47	4	16	25	4
	(NC)	22	1	32	2	..	..	54	3	..	7	4	..	..	..
TOTAL :		119	58	119	77	5	2	243	137	6	54	8	16	25	4

ANALYSIS OF B. SC. HOME SC. (PASS)

St. Mary's	(R)	..	6	..	2	..	..	8	..	..	..	2	3	1
Meghalaya														
Zirtri Women's	(R)	..	..	..	14	..	..	14	..	..	..	..	..	..
Total of 2 States		..	6	..	16	..	..	22	..	..	..	2	3	1

ANALYSIS OF B. SC. (PASS) EXAMINATION

Science	(R)	9	1	44	11	..	..	53	12	..	2	2	..	1	..
	(N.C)	3	1	21	3	..	..	24	4	4	..	..	1	..	..
Nagaland Total		12	2	65	14	..	..	77	16	..	2	3	..	1	1
Pachhunga Univ.	(R)	1	..	16	8	..	..	17	8	..	1	..	..	..	..
	(N.C)	1	..	22	..	..	..	..	..	23	5	..	..	..	..
Mizoram Total :		2	..	38	13	..	..	40	13	..	1	..	..	..	..
.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total of 3 States	(R)	107	58	147	94	5	2	259	154	6	50	6	16	26	4
	(N.C)	26	2	75	10	..	..	101	12	..	7	5	..	..	1
TOTAL :		133	60	222	104	5	2	360	166	6	57	11	16	26	5

**EXAMINATION RESULTS 1989 FEB.-MARCH.**

Total		Number Passed						Total		S. Caste						Total	
M	F	I	S. Tribe II	P	I	II	P	M	F	I	II	P	I	II	P	M	F
12	..	2	14	1	..	..	..	17	..	..	..	..	..	..	..	..	..
5	..	..	5	1	..	..	..	6	..	..	..	..	..	..	..	..	..
5	..	..	..	1	..	..	3	1	3	..	..	..	..	..	..	..	..
1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
..	22	..	..	..	..	7	3	..	10	..	..	..	..	..	..	..	..
37	..	1	12	2	..	..	..	15	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	21	..	..	..	3	27	7	..	37	..	..	..	..	1	1	..	2
..	..	..	..	..	..	3	..	..	3	..	..	..	..	..	..	..	..
..	..	..	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..
3	2	..	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..
3	..	..	3	..	..	..	1	3	1	..	..	..	..	..	..	..	..
57	45	3	29	4	3	37	13	36	53	..	..	..	1	1	..	..	2
11	..	..	10	2	..	..	1	12	1	..	..	..	..	..	..	..	..
68	45	3	39	6	3	37	14	48	54	..	..	..	1	1	..	..	2

**EXAMINATION RESULT : 1988 NOV. & 1989 FEB**

..	6	..	..	..	..	2	..	..	2	..	..	..	..	..	..	..	..
..	..	..	..	..	1	7	3	..	11	..	..	..	..	..	..	..	..
..	6	..	..	..	1	9	3	..	13	..	..	..	..	..	..	..	..

**RESULTS 1988 NOV. 1989 FEB.**

4	1	..	6	10	..	1	2	16	3	..	..	..	..	..	..	..	..
1	1	..	1	5	..	2	1	6	3	..	..	..	..	..	..	..	..
5	2	..	7	15	..	3	3	22	6	..	..	..	..	..	..	..	..
1	..	..	3	4	..	4	3	7	7	..	..	..	..	..	..	..	..
..	..	..	2	5	..	2	1	7	3	..	..	..	..	..	..	..	..
..	..	..	5	9	..	6	4	14	10	..	..	..	..	..	..	..	..
2	66	3	..	10	3	2	..	..	..	..	..	..	..	..	..	..	..
62	46	3	38	18	3	42	18	59	63	..	..	..	1	1	..	..	2
12	1	..	..	13	12	..	4	3	7	..	..	..	..	..	..	..	..
74	47	3	51	30	3	46	21	84	70	..	..	..	1	1	..	..	2

**ANALYSIS OF B. COM. EXAMINATION PASS**

Name of the Colleges		APPEARED						OTHERS						
		Others	S.T	S. C.		Total		Male		Female				
							I	II	P	I	II	P		
St. Anthony'	(R) I	25	..	28	..	..	5	..	..	20	3	..	..	..
	(N.C)	5	..	9	..	..	3	..	..	..	..	..	..	..
Shillong	(R)	71	2	49	23	14	134	25	..	19	20	..	1	..
	(N.C)	22	2	20	9	8	47	10	..	3	1	..	..	..
Meghalaya Total	(R)	96	2	77	23	14	187	25	..	39	23	..	1	..
	(N.C)	27	2	29	8	5	61	10	..	3	1	..	..	..
<b>TOTAL :</b>		<b>123</b>	<b>4</b>	<b>106</b>	<b>31</b>	<b>19</b>	<b>248</b>	<b>35</b>	..	<b>42</b>	<b>24</b>	..	<b>1</b>	..
Hrangbana	(R)	..	..	22	5	..	22	5	..	..	..	..	..	..
	(N.C)	..	..	30	12	..	30	12	..	..	..	..	..	..
Pachhunga Univ.	(R)	1	..	2	..	..	3	..	..	..	..	..	..	..
Mizoram Total	(R)	1	..	24	5	..	25	5	..	..	..	..	..	..
	(N.C)	..	..	30	12	..	30	12	..	..	..	..	..	..
<b>TOTAL :</b>		<b>1</b>	..	<b>34</b>	<b>17</b>	..	<b>55</b>	<b>17</b>	..	..	..	..	..	..
Dimapur	(R)	32	6	19	..	..	51	6	..	29	3	..	5	..
	(N.C)	9	..	14	1	..	23	2	..	5	..	..	..	..
Nagaland Total :		41	7	33	1	..	74	8	..	34	3	..	5	..
Total of 3 States	(R)	129	8	120	28	14	263	36	..	68	26	..	6	..
	(N.C)	36	3	73	21	5	114	24	..	8	1	..	..	..
<b>TOTAL :</b>		<b>165</b>	<b>11</b>	<b>193</b>	<b>49</b>	<b>19</b>	<b>377</b>	<b>60</b>	..	<b>76</b>	<b>27</b>	..	<b>6</b>	..
Lunglei Govt.		..	..	..	..	..	2	2	..	..	..	..	..	..
Champhai Govt.		..	..	4	3	..	4	3	..	..	..	..	..	..
Hrangbana		..	..	8	5	..	3	5	..	..	..	..	..	..
Aizawl		..	..	50	20	..	50	20	..	..	..	..	..	..
Serchhip Govt.		..	..	3	3	..	3	..	..	..	..	..	..	..
Pachhunga Univ.		..	1	12	2	..	12	3	..	..	..	..	..	..
Mizoram Total :		..	1	79	32	..	79	33	..	..	..	..	..	..

**ANALYSIS OF B. COM. (HONOURS)**

St. Anthony's		11	..	4	..	..	15	..	2	8	..	..	..	..
Shillong		18	3	5	4	1	24	7	..	3	..	..	..	..
Meghalaya Total :		29	3	9	4	1	39	7	2	16	..	2	..	..
Dimapur (Nagland) Total :		5	..	..	..	..	10	..	..	5	..	..	..	..
Total of 2 States		34	3	14	4	1	49	7	2	21	..	2	..	..

**RESULTS 1989 FEB-MARCH.**

**NUMBER PASSED**

Total		Male		S. T.		Female		Total		S. C.		P		Total		
M	F							M	F	I	II	P	I	II	M	F
23	..	..	..	3	..	..	..	3	..	..	..	..	..	..	..	..
39	1	..	5	7	..	..	..	12	..	..	..	8	..	..	..	8
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
62	1	..	5	10	..	..	..	5	..	..	..	8	..	..	..	8
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
66	1	..	5	10	..	..	..	15	..	..	..	8	..	..	..	8
..	..	..	2	9	..	..	3	11	3	..	..	..	..	..	..	..
..	..	..	2	10	..	..	2	12	2	..	..	..	..	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..
..	..	..	2	10	..	..	3	12	3	..	..	..	..	..	..	..
..	..	..	2	10	..	..	2	12	2	..	..	..	..	..	..	..
..	..	..	4	20	..	..	5	24	5	..	..	..	..	..	..	..
32	5	..	11	5	..	..	..	6	..	..	..	..	..	..	..	..
5	..	..	2	6	..	..	1	8	1	..	..	..	..	..	..	..
37	5	..	13	11	..	..	1	24	1	..	..	..	..	..	..	..
94	6	..	18	25	..	..	3	43	3	..	..	8	..	..	..	8
9	..	..	4	16	..	..	3	20	3	..	..	..	..	..	..	..
103	6	..	22	41	..	..	6	63	6	..	..	8	..	..	..	8
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	3	..	..	3	..	3	3	..	..	..	..	..	..	..
..	..	..	3	..	..	4	..	3	3	..	..	..	..	..	..	..
..	..	..	14	..	..	7	..	14	7	..	..	..	..	..	..	..
..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
..	..	1	9	..	..	1	..	10	1	..	..	..	..	..	..	..
..	1	30	..	..	15	..	..	31	10	..	..	..	..	..	..	..

**EXAMINATION RESULTS OF 1989 FEB-MARCH.**

10	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
8	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..
18	2	..	2	..	..	2	..	2	2	..	..	..	..	..	..	..
5	..	..	4	..	..	..	..	4	..	..	..	..	..	..	..	..
38	2	..	16	..	..	2	..	6	2	..	..	..	..	..	..	..

**ANALYSIS OF B. A. (HONOURS) EXAMINATION**

Name of the Colleges	Others		APPEARED				Total		OTHERS					
	M	F	S. M	T. F	S. M	C. F	M	F	Male			Female		
									I	II	III	I	II	III
ST ANTHONY'S	11	..	16	..	..	..	27	..	..	8	..	..	..	..
SHILLONG	1	2	8	9	..	..	9	11	..	..	..	..	1	..
UNION CHRISTIAN	..	1	6	3	..	..	6	4	..	..	..	1	..	..
ST. MARY	..	29	..	55	..	..	..	83	..	..	..	8	17	..
ST. EDMUND'S	20	..	35	..	..	..	55	..	..	17	..	..	..	..
LADY KEANE	..	37	..	32	..	1	..	70	..	..	..	1	17	..
TURA GOVT.	2	3	6	1	..	..	8	4	..	1	..	..	1	..
SANKARDEV	7	..	8	1	..	..	15	1	..	6	..	..	..	..
SYNOD	2	..	26	34	..	..	28	34	..	..	..	..	..	..
MEGHALAYA, TOTAL	43	71	105	135	..	1	148	207	..	32	..	10	36	..
KOHIMA	2	1	30	18	..	..	32	19	..	2	..	..	1	..
FAZAL ALI	..	..	1	3	..	..	1	3	..	..	..	..	..	..
PATKAI CHRISTIAN	2	..	8	10	..	..	10	10	..	2	..	..	..	..
DIMAPUR	14	4	6	2	..	..	20	6	..	11	..	..	4	..
NAGALAND TOTAL :	18	5	45	33	..	..	63	38	..	15	..	..	5	..
TOTAL OF 3 STATES	61	77	229	200	..	1	190	278	..	47	..	10	41	..

**ANALYSIS OF B. SC. (HONOURS) EXAMINATION**

Name of the Colleges	APPEARED													
ST. ANTHONY'S	14	..	14	..	..	..	28	..	3	8	..	..	..	..
SHILLONG	5	6	1	1	..	..	6	7	..	3	..	4	1	..
ST. MARY'S	..	9	..	1	..	..	..	10	..	..	..	4	5	..
ST. EDMUND'S	29	..	7	..	..	..	36	..	8	16	..	..	..	..
LADY KEANE	..	42	..	13	..	..	..	55	..	..	..	17	19	..
MEGHALAYA TOTAL :	48	57	22	15	..	..	70	72	11	27	..	25	25	..
SCIENCE TOTAL :	1	8	20	5	..	..	21	13	..	..	..	1	3	..
PACHHUNGA UNIV. (MIZORAM TOTAL)	1	..	3	3	..	..	4	3	..	..	..	..	..	..
TOTAL OF 3 STATES	50	65	15	23	..	..	95	88	11	28	..	26	28	..

**ANALYSIS OF B. SC. H. SC. (HONOURS)**

ZIRTIRI WOMEN'S	..	..	..	13	..	..	..	13	..	..	..	..	..	..
ST. MARY'S	..	6	..	4	..	..	..	10	..	..	..	6	..	..
TOTAL OF 2 STATES	..	6	..	17	..	..	..	23	..	..	..	6	..	..

RESULTS 1989 FEB - MARCH.

Total		NUMBER PASSED							Total		S. T.			Total						
M	F	Male			Female				M	F	I	Male	II	III	I	Female	II	III	M	F
8	..	..	13	..	..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	2	..	..	5	..	2	5	..	..	..	..	..	..	..	..	..	..	..
..	1	..	5	..	1	1	..	5	2	..	..	..	..	..	..	..	..	..	..	..
..	25	..	..	..	5	40	..	..	45	..	..	..	..	..	..	..	..	..	..	..
17	..	..	26	..	..	..	..	26	..	..	..	..	..	..	..	..	..	..	..	..
..	18	..	..	..	1	13	..	..	14	..	..	..	..	..	..	..	..	..	..	..
1	1	..	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..
6	..	..	6	..	..	1	..	6	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	16	..	..	23	..	16	23	..	..	..	..	..	..	..	..	..	..	..
32	46	..	71	..	7	83	..	71	90	..	..	..	..	..	..	..	..	..	..	..
2	1	..	19	..	..	8	..	19	8	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..
2	..	..	5	..	..	8	..	5	8	..	..	..	..	..	..	..	..	..	..	..
11	4	..	4	..	..	2	..	4	2	..	..	..	..	..	..	..	..	..	..	..
15	5	..	29	..	..	19	..	29	19	..	..	..	..	..	..	..	..	..	..	..
47	51	1	130	..	7	117	..	131	124	..	..	..	..	..	..	..	..	..	..	..

RESULTS 1989-FEB-MARCH.

NUMBER PASSED

11	..	4	4	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..
3	5	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..
..	36	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
38	50	4	7	..	..	5	..	11	5	..	..	..	..	..	..	..	..	..	..	..
..	4	2	12	..	14	..	..	14	5	..	..	..	..	..	..	..	..	..	..	..
1	..	..	2	..	..	3	..	2	3	..	..	..	..	..	..	..	..	..	..	..
39	54	6	21	..	1	12	..	27	13	..	..	..	..	..	..	..	..	..	..	..

RESULTS 1989 FEB & 1988 FEB.

..	..	..	..	..	6	7	..	..	13	..	..	..	..	..	..	..	..	..	..	..
..	6	..	..	..	4	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
..	6	..	..	..	10	7	..	..	17	..	..	..	..	..	..	..	..	..	..	..

**RESULT ANALYSIS OF P. U (COMMERCE) EXAMINATION, 1989 FEB-MARCH**

**NAME OF THE COLLEGES**

**CERTAIN SUBJECTS APPEARED**

NAME OF THE COLLEGES	CERTAIN OTHER		SUBJECTS S. TRIBE		S. CASTE		TOTAL OTHERS		CERTAIN S. TRIBE		SUBJECTS S. CASTE		TOTAL		REMARKS
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ST. ANTHONY'S SHILLONG	4	..	4	..	..	..	8	4	4	..	..	..	..	8	..
MEGHALAYA TOTAL	9	..	2	3	..	..	11	3	7	..	1	1	..	8	1
ST. JOSEPH'S DIMAPUR	13	..	6	3	..	..	19	3	11	..	5	1	..	16	1
NAGALAND TOTAL	..	..	4	..	..	..	4	..	..	..	3	..	..	..	..
HRANGBANA AIZAWL	31	1	40	..	..	..	71	1	25	1	36	..	..	3	..
MIZORAM TOTAL	31	1	44	..	..	..	75	1	25	1	39	..	..	61	1
TOTAL OF 3 STATES	..	..	21	2	..	..	21	2	..	..	14	1	..	14	1
	..	..	6	2	..	..	6	2	..	..	5	1	..	5	1
	..	..	27	4	..	..	27	4	..	..	19	2	..	19	2
	44	1	77	7	..	..	121	8	36	1	63	3	..	99	4

RESULTS ANALYSIS OF P. U. (ARTS) EXAMINATION 1989 FEB-MARCH 1989 NOV.

NAME OF THE COLLEGES      CERTAIN SUBJECTS      APPEARED      CERTAIN SUBJECTS      PASSED      REMARKS

	OTHERS			S. TRIBE			S. CASTE			TOTAL			OTHERS			S. TRIBE			S. CASTE			TOTAL		
	M	F	F	M	F	F	M	F	F	M	F	F	M	F	F	M	F	F	M	F	F	M	F	F
KOHIMA	3	..	..	27	18	..	..	..	..	30	18	3	..	..	..	21	14	..	..	..	..	24	14	..
WANGKHAO	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
PATKAI CHRISTIAN	..	..	..	6	6	..	..	..	..	6	6	..	..	..	..	6	6	..	..	..	..	6	6	..
SAO CHANG	..	..	..	3	..	..	..	..	..	3	..	..	..	..	..	2	..	..	..	..	..	2	..	..
MOUNTIYI	..	1	4	4	6	..	..	..	..	4	7	..	..	1	4	5	..	..	..	..	..	4	6	..
PEOPLE'S	..	..	..	8	5	2	..	..	..	10	5	..	..	..	..	6	3	2	..	..	..	8	3	..
ZUNHEBOTO	..	..	..	7	7	..	..	..	..	7	7	..	..	..	..	..	..	..	..	..	..	..	..	..
DIMPUR	3	8	44	62	..	..	..	..	..	47	70	3	6	..	..	38	36	..	..	..	..	41	42	..
NAGALAND TOTAL	6	9	100	104	2	..	..	..	..	108	113	6	7	77	64	2	..	..	85	71	..	..	..	..
KOLASIB	..	..	..	5	..	..	..	..	..	5	..	..	..	..	..	4	..	..	..	..	..	4	..	..
LUNGKEI GOVT.	..	..	..	11	13	..	..	..	..	11	13	..	..	..	..	9	8	..	..	..	..	9	8	..
HNAHITHIAL	..	..	..	3	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LAWNGTLAI	..	..	..	2	2	..	..	..	..	2	2	..	..	..	..	2	2	..	..	..	..	2	2	..
SAIHA	..	..	..	6	..	..	..	..	..	6	..	..	..	..	..	2	..	..	..	..	..	2	..	..
CHAMPHAI GOVT.	..	..	..	3	2	..	..	..	..	3	2	..	..	..	..	1	1	..	..	..	..	1	1	..
HRANGBANA	..	..	..	60	47	..	..	..	..	60	47	..	..	..	..	41	31	..	..	..	..	41	31	..
AIZAWL	..	..	..	58	46	..	..	..	..	58	46	..	..	..	..	19	12	..	..	..	..	19	12	..
LAWNGTLAI	..	..	..	2	2	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..
ZIRTHI	..	..	..	..	11	..	..	..	..	..	11	..	..	..	..	..	7	..	..	..	..	..	7	..
MIZORAM	..	..	..	150	123	..	..	..	..	150	123	..	..	..	..	78	61	..	..	..	..	78	61	..

RESULT ANALYSIS OF P. U. (ARTS) EXAMINATION 1989 FEB - MARCH.

NAME OF THE COLLEGES	CERTAIN SUBJECTS APPEARED				CERTAIN SUBJECTS PASSED											
	OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. TRIBE		S. CASTE		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ST. ANTHONY'S	..	..	8	..	..	..	8	..	..	..	2	..	..	..	2	..
SHILLONG	1	1	4	15	..	..	5	16	1	1	2	5	..	..	3	6
RAID LABAN	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	1
MENDIPATHAR	..	..	7	4	..	..	7	4	..	..	2	1	..	..	2	1
UNION CHRISTIAN	..	1	..	2	..	..	3	..	..	1	..	2	..	..	..	3
ACHENG RANGMANPA	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1
NONGSTOIN	..	..	1	5	..	..	1	5	..	..	1	..	..	..	..	1
S. SYIEM MEMORIAL	..	..	4	3	..	..	4	3	..	..	4	3	..	..	4	3
DON BOSCO	..	..	2	..	..	..	2	..	..	..	2	..	..	..	2	..
TIROT S. MEMORIAL	..	..	1	..	..	..	1	..	..	..	1	..	..	..	1	..
RI BHOI	..	..	1	1	..	..	1	1	..	..	..	..	..	..	..	1
WOMEN'S	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1
SENG KHASI	..	..	9	13	..	..	9	13	..	..	4	8	..	..	4	8
ST. MARY'S	..	5	..	12	..	..	..	17	..	3	..	7	..	..	..	10
LADY KEANE	..	1	..	9	..	..	1	..	..	2	..	8	..	..	1	..
KIANG N. GOVT.	..	..	7	13	..	..	7	13	..	..	3	7	..	..	3	7
TURA GOVT.	4	1	7	3	..	..	1	4	1	1	3	1	..	..	4	2
SYNOD	2	..	26	61	..	..	28	61	1	..	9	19	..	..	10	19
PRIVATE CENTRE	1	19	..	34	..	..	1	53	..	10	..	21	..	..	..	31
SOHRA	..	..	..	2	..	..	..	2	..	..	..	..	..	..	..	1
SANKARDEV	3	1	12	..	..	..	15	1	1	1	5	..	..	..	6	1
MEGHALAYA TOTAL	111	32	89	178	..	1	100	211	4	21	38	85	..	1	42	107
TOTAL OF 3 STATES	17	41	339	405	2	1	358	447	10	28	193	210	2	1	205	239

RESULT ANALYSIS OF P. U (SCIENCE) EXAMINATION 1989 FEB - MARCH

NAME OF THE COLLEGES	CERTAIN SUBJECT APPEARED						CERTAIN SUBJECT PASSED														
	OTHERS			S. CASTE			TOTAL			OTHERS			S. TRIBE			S. CASTE			TOTAL		
	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M
ST. EDMUND'S	2	..	..	..	..	2	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1
LADY KEANE	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1
KIANG. N. GOVT.	..	..	1	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1
TURA GOVT.	1	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
MEGHALAYA TOTAL	3	..	1	..	..	4	2	..	2	..	..	1	2	..	..	..	..	..	3	..	2
SCIENCE (NAGALAND TOTAL)	1	1	21	7	..	22	8	..	..	6	4	..	..	..	..	6	4	..	..	..	4
LUNGLEI GOVT.	..	..	3	..	..	3	..	..	..	3	..	..	..	..	..	3	..	..	..	..	3
PACHHUNGA UNIV:	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
MIZORAM TOTAL	..	..	4	..	..	4	..	..	..	4	..	..	..	..	..	4	..	..	..	..	4
TOTAL OF 3 STATES	4	1	26	9	..	30	14	2	..	11	6	..	..	..	..	13	5	..	..	..	5

RESULT ANALYSIS OF B. A. (PASS) EXAMINATION 1988 NOV & 1989 FEB - MARCH

NAME OF THE COLLEGES	OTHER		S. TRIBE		S. CASTE		TOTAL		OTHER		S. TRIBE		S. CASTE		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
SHILLONG	1	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..
MENDIPATHAR	..	..	2	1	..	..	2	1	..	..	2	..	..	..	2	..
UNION CHRISTIAN	..	..	4	3	..	..	4	3	..	..	2	3	..	..	2	3
SENG KHASI	..	..	2	2	..	..	2	2	..	..	..	..	..	..	..	..
ST. MARY'S	..	1	..	7	..	..	..	8	..	1	..	3	..	..	..	4
ST. EDMUND'S	1	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..
KIANG N GOVT.	..	..	2	2	..	..	2	2	..	..	1	..	..	..	1	..
SYNOD	1	..	12	9	..	..	13	9	1	..	6	2	..	..	7	2
PRIVATE CENTRE	1	1	..	1	..	..	1	2	1	1	..	1	..	..	1	2
TURA GOVT.	..	3	..	..	..	..	..	3	..	1	..	..	..	..	..	1
SANKARDEV	3	..	..	..	..	..	3	..	1	..	..	..	..	..	1	..
MEGHALAYA TOTAL	7	5	22	25	..	..	29	30	5	3	11	9	..	..	16	12
KOHIMA	2	2	26	11	..	..	28	13	1	2	15	8	..	..	16	10
FAZL ALI	..	..	3	2	..	..	3	2	..	..	2	2	..	..	2	2
SAO CHANG	..	..	1	..	..	..	1	..	..	..	1	..	..	..	1	..
MOUNT ITYI	..	..	4	..	..	..	4	..	..	..	..	..	..	..	..	..
BAPTIST	..	..	1	..	..	..	1	..	..	..	1	..	..	..	1	..
ZUNHEBOTO	..	..	2	2	..	..	2	2	..	..	1	2	..	..	1	2
DIMAPUR	3	2	12	10	..	..	15	12	2	2	12	8	..	..	14	10
NAGALAND TOTAL	5	4	49	25	..	..	54	29	3	4	32	20	..	..	35	24

RESULT ANALYSIS OF B. A. (PASS) EXAMINATION 1989 FEB - MARCH

NAME OF THE COLLEGES	CERTAIN SUBJECT APPEARED						CERTAIN SUBJECTS PASSED									
	OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. TRIBE		S. CASTE		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
KOLASIB	..	..	6	1	..	..	6	1	..	..	6	1	..	..	6	1
LUNGLEI GOVT.	..	..	3	..	..	..	3	..	..	..	3	..	..	..	3	..
SAIBA	..	..	5	..	..	..	5	..	..	..	5	..	..	..	5	..
CHAMPHAI GOVT.	..	..	2	1	..	..	2	1	..	..	2	1	..	..	2	1
HRANGBANA	..	..	11	6	..	..	11	6	..	..	8	5	..	..	8	5
AIZAWL	..	..	18	2	..	..	18	2	..	..	11	2	..	..	11	2
SERCHHIP GOVT.	..	..	1	..	..	..	1	..	..	..	1	..	..	..	1	..
PACHHUNGA UNIV.	1	..	4	1	..	..	5	1	..	..	1	1	..	..	2	1
MIZORAM TOTAL	1	..	50	11	..	..	51	11	3	..	37	9	..	..	38	9
TOTAL OF 3 STATES	13	9	121	61	..	..	134	70	9	7	80	38	..	..	89	45

RESULT ANALYSIS OF B. SC. (PASS) EXAMINATION 1989 FEB - MARCH.

NAME OF COLLEGE

OTHER S. TRIBE S. CASTE TOTAL OTHER S. TRIBE S. CASTE TOTAL

M F M F M F M F M F M F M F M F M F

ST. ANTHONY'S	2	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..
ST. MARY'S	..	1	..	4	..	..	..	5	..	..	1	..	4	..	..	..
ST. EDMUND'S	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	5
LADY KEANE	..	1	..	2	..	..	..	3	..	..	1	..	1	..	..	1
SHILLONG	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	2
MEGHALAYA TOTAL	3	2	1	6	..	..	..	4	8	1	2	1	5	..	..	2
SCIENCE	1	1	4	1	..	..	..	5	2	1	1	4	1	..	..	5
NAGALAND TOTAL																2

PACHHUNGA UNIV.

MIZORAM TOTAL

TOTAL OF 3 STATES

PACHHUNGA UNIV.	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..
MIZORAM TOTAL	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	1
TOTAL OF 3 STATES	4	3	6	7	..	..	..	10	10	2	3	6	6	..	..	8

RESULT ANALYSIS OF B. COM. (PASS) EXAMINATION 1988 NOV. & 1989 FEB.

HRANGBANA

MIZORAM TOTAL

SHILLONG

MEGHALAYA TOTAL

DIMAPUR

NAGALAND TOTAL

TOTAL OF 3 STATES

HRANGBANA	..	..	4	1	..	..	..	4	1	..	..	3	..	..	..	3
MIZORAM TOTAL	..	..	4	1	..	..	..	4	1	..	..	3	..	..	..	3
SHILLONG	8	1	5	3	..	..	..	13	4	2	1	2	1	..	..	4
MEGHALAYA TOTAL	2	..	8	..	..	..	..	10	..	2	..	7	..	..	..	2
DIMAPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NAGALAND TOTAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
TOTAL OF 3 STATES	10	1	17	4	..	..	..	27	5	4	1	12	1	..	..	16

**ANALYSIS OF B. ED. EXAMINATION RESULTS 1989 NOV.-DEC**

NAME OF THE COLLEGES	APPEARED														
	M	F	M	F	M	F	M	F	I	II	P	I	II	P	
ST. MARY'S	7	44	..	15	..	..	7	59	5	2	..	13	28	19	
P. G. T. C.	133	82	27	25	2	1	162	108	9	82	19	15	40		
NAGALAND COLLEGE OF EDUCATION.	19	6	22	11	2	..	43	17	2	15	..	..	6	9	
COLLEGE OF TEACHERS, EDUCATION.	13	..	142	17	..	..	155	17	..	8	2	..	..	..	
<b>GRAND TOTAL</b>	<b>172</b>	<b>132</b>	<b>191</b>	<b>68</b>	<b>4</b>	<b>1</b>	<b>367</b>	<b>201</b>	<b>16</b>	<b>107</b>	<b>21</b>	<b>28</b>	<b>74</b>	<b>10</b>	

	APPEARED IN CERTAIN														
ST. MARY'S	..	3	..	1	..	..	..	4	..	..	..	..	..	3	
P. G. T. C.	3	3	3	1	..	..	6	4	..	..	3	..	..	3	
NAGALAND COLLEGE OF EDUCATION	1	..	..	..	..	..	1	..	..	..	1	..	..	..	
<b>GRAND TOTAL</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>..</b>	<b>..</b>	<b>7</b>	<b>8</b>	<b>..</b>	<b>..</b>	<b>4</b>	<b>..</b>	<b>..</b>	<b>6</b>	

**NUMBER PASSED**

M	F	I	II	P	I	II	P	M	F	I	II	P	I	II	P	M	F
7	42	..	..	..	2	10	..	..	12	..	..	..	..	..	..	..	..
110	64	2	13	7	4	11	4	22	19	..	..	..	..	..	1	2	1
17	6	..	7	7	3	5	2	14	10	1	1	..	..	..	..	2	..
10	..	3	51	38	4	9	1	92	14	..	..	..	..	..	..	..	..
144	112	5	71	52	13	35	7	128	55	1	1	..	..	..	1	2	1

**SUBJECTS : B. ED**

..	3	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..
3	3	..	..	3	..	..	..	3	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	6	..	..	3	..	..	1	3	1	..	..	..	..	..	..	..	..

ANALYSIS OF L. L. B. EXAMINATION RESULTS 1989 JUNE & DEC.

Name of the Colleges	Others		Appeared		S. C.		Total		Others		Female		Number Passed				Total		S. Caste						
	M	F	S	T.	M	F	M	F	M	F	I	II	I	II	I	II	M	F	I	II	Male	Female	I	II	
																									M
1989 DEC.	13	4	20	3	..	..	33	7	..	4	2	..	4	2	..	5	..	..	..	..	..	..	..	..	..
SHILLONG LAW	1	2	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TURA LAW	2	..	6	..	..	..	8	..	..	2	..	..	2	..	..	3	..	..	..	..	..	..	..	..	..
AIZAWL LAW	4	..	11	2	..	..	15	2	..	2	..	..	2	..	..	4	..	..	..	..	..	..	..	..	..
KOHIMA LAW	2	..	2	..	..	..	4	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
MOKOKCHUNG	1	..	2	..	..	..	3	..	..	1	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..
KHADAR DALOI LAW	23	6	41	5	..	..	64	11	..	9	2	..	9	2	..	14	..	..	..	..	..	..	..	..	..
TOTAL 1989 DEC.	12	1	21	2	..	..	33	3	..	9	1	..	9	1	..	4	..	..	..	..	..	..	..	..	..
1989 JUNE-JULY:	2	2	..	..	..	..	2	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
SHILLONG LAW	4	2	11	2	..	..	15	4	..	4	..	..	4	1	..	1	..	..	..	..	..	..	..	..	..
TURA LAW	2	..	3	..	..	..	5	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
KOHIMA LAW	2	..	3	..	..	..	5	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
MOKOKCHUNG LAW	2	..	3	..	..	..	5	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
AIZAWL LAW	22	5	38	4	..	..	60	9	..	15	2	..	15	2	..	6	..	..	..	..	..	..	..	..	..
GRAND TOTAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

RESULT ANALYSIS OF P. G. DEPTT: END SEMESTER 1989 JULY

PASSED

DEPARTMENTS	APPEARED						OTHERS						S. TRIBE									
	S. T.		S. C.		Total		Male		Female		Total		Male		Female		Total					
	M	F	M	F	M	F	I	II	I	II	P	M	F	M	F	I	II	P	M	F		
ENGLISH	1	7	2	3	3	10	..	1	..	6	1	1	7	..	2	..	3	..	2	..	2	3
HISTORY	1	2	9	3	10	5	..	1	..	1	1	1	1	..	9	..	1	..	9	..	9	2
PHILOSOPHY	1	4	1	..	2	4	1	..	1	3	..	1	4	..	1	..	..	..	1	..	1	..
GEOGRAPHY	1	4	7	1	8	5	1	..	4	..	..	1	4	2	4	..	1	..	6	..	6	1
SOCIOLOGY	..	1	9	2	..	9	3	..	..	1	..	..	1	..	8	1	1	..	9	..	2	2
KHASI	..	..	9	..	..	9	..	..	..	..	..	..	..	..	..	8	1	..	..	..	9	9
ECONOMICS	4	2	4	..	8	2	1	3	2	..	4	2	2	2	2	..	..	..	4	..	4	..
POL SCIENCE	4	1	14	5	18	6	..	4	1	..	..	1	1	13	..	5	..	14	..	5	..	5
ANTHROPOLOGY	..	3	1	..	3	1	..	..	..	..	..	..	..	1	2	..	..	3	..	1	..	1
EDUCATION	RESULT NOT ANNOUNCED :																					
SHILLONG ARTS	12	21	19	24	61	45	3	9	8	11	1	12	2	6	41	1	11	12	..	48	23	
MATHEMATICS	2	1	..	..	2	1	1	..	1	..	1	1	1	..	..	..	..	..	..	..	..	..
PHYSICS	1	4	1	..	2	4	..	..	1	2	..	4	1	..	..	..	..	..	..	1	..	..
BIO-CHEMISTRY	4	..	2	4	6	4	4	..	..	..	..	4	..	1	1	..	1	3	..	2	4	4
BOTANY	3	4	2	1	5	5	3	..	4	..	3	4	..	2	2	..	1	..	2	..	2	1
CHEMISTRY	7	5	..	..	7	5	6	1	4	1	7	5	..	..	..	..	..	..	..	..	..	..
ZOOLOGY	3	3	1	10	4	13	3	..	..	2	3	2	..	1	1	4	5	..	1	9	9	9
SHILLONG	20	17	6	15	26	32	17	1	11	5	19	16	2	4	4	6	8	..	6	14	14	14
TOTAL (SCIENCE)																						

RESULT ANALYSIS OF P. G. DEPTT: END SEMESTER :

1989 JULY

DEPARTMENTS

APPEARED

M F M F M F M F I II P I II P

COMMERCE  
GEOLOGY  
EDUCATION  
ENGLISH

NIL

KOHIMA TOTAL

PUBLIC ADMINISTRATION  
ECONOMICS  
EDUCATION  
PSYCHOLOGY

NIL

AIZAWL TOTAL

B. LISC.	6	2	2	2	..	..	8	4	3	1	1	..	2	..
M. LISC.	3	4	..	3	..	..	3	7	..	3	..	1	3	..

ANALYSIS OF DIPLOMA

COMPUTER PROGRAMMING	12	2	..	..	..	..	12	2	3	9	..	2	..	..
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ANALYSIS OF CERTIFICATE COURSE

IN LANGUAGES	..	..	2	..	..	..	2	..	..	..	..	..	..	..
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PASSED

S. TRIBE

S. CASTE

M F I II P I II P M F I II P I II P M F

5 2 2 .. .. .. 2 .. 2 3 .. .. .. .. ..  
 3 4 .. .. .. 1 2 .. .. 3 .. .. .. .. ..

RESULT 1989

12 2 .. .. .. .. .. .. .. .. .. .. ..

RESULT 1989

.. .. .. 1 1 .. .. .. 2 .. .. .. .. ..

AWARD OF THE DEGREE OF M. PHIL./PH. D. DURING THE YEAR 1989.

DEPARTMENTS	OTHERS						M. PHIL						PH. D.														
	OTHERS			S. TRIBE			S. CASTE			TOTAL			OTHERS			S. TRIBE			S. CASTE			TOTAL					
	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M			
POLITICAL SCIENCE	1	2	1	1	1	1	..	..	..	2	3	3	..	1	2	..	..	..	..	..	..	..	..	..	2	1	1
PHILOSOPHY	1	1	2	..	..	..	3	1	1	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	1	1	1
ECONOMICS	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ENGLISH	..	2	..	..	1	..	..	..	..	..	3	3	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..
EDUCATION	..	..	..	..	1	..	..	..	..	..	1	..	..	1	1	2	..	..	..	..	..	..	..	..	1	3	..
HISTORY	1	..	2	1	1	..	3	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
GEOGRAPHY	1	4	3	..	..	..	4	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
SOCIOLOGY	..	1	1	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ANTHROPOLOGY	1	2	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KHASI	..	..	..	..	1	..	..	1	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	3	..	..
TOTAL (ARTS)	5	14	9	5	5	..	14	19	7	3	6	2	..	..	..	..	..	..	..	..	..	..	..	..	13	5	5
ZOOLOGY	3	1	..	..	..	..	3	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
PHYSICS	..	2	..	..	1	..	..	3	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
MATHEMATICS	..	4	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CHEMISTRY	..	..	..	..	..	..	..	..	9	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	9	3	..
BOTANY	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	2	1	..
GEOLOGY	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
BIO-CHEMISTRY	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
TOTAL (SCIENCE)	3	7	..	1	..	..	3	8	15	5	1	1	..	..	..	..	..	..	..	..	..	..	..	..	16	6	6

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

FIRST YEAR

SECOND YEAR

NAME OF THE STATES COURSE

	OTHERS			S. TRIBE			S. CASTE			TOTAL			OTHERS			S. TRIBE			S. CASTE			TOTAL			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
MEGHALAYA	410	327	1752	1646	23	25	2185	1998	331	313	1334	1195	14	25	1679	1533									
MIZORAM	9	..	1055	1013	..	..	1064	1018	14	11	1167	768	..	..	1181	779									
NAGALAND	59	41	1317	885	9	8	1385	934	46	41	635	468	3	1	684	510									
GRAND TOTAL	478	373	4124	3544	32	33	4634	3950	391	365	3136	2431	17	26	3544	2822									
YEAR	391	365	3136	2431	17	26	3544	2822																	
TOTAL	869	788	7260	5975	49	59	8178	6772																	

MEGHALAYA P. U. (Sc.)

MIZORAM	224	124	461	273	1	6	685	403	252	131	302	285	7	1	651	417									
NAGALAND	5	1	306	91	..	..	311	92	12	6	220	84	..	..	322	90									
GRAND TOTAL	254	138	1207	491	1	6	1461	635	305	155	913	472	7	1	1225	629									
YEAR	305	156	913	472	7	1	1225	629																	
TOTAL	559	294	2120	963	8	7	2686	1264																	

MEGHALAYA P. U. (COM.)

MIZORAM	93	3	191	45	8	..	292	48	101	6	219	63	16	3	336	72									
NAGALAND	7	..	179	28	..	..	186	28	3	1	137	27	..	..	140	28									
GRAND TOTAL	175	14	501	92	8	..	685	106	158	10	439	92	16	3	613	105									
YEAR	158	10	439	92	16	3	613	105																	
TOTAL	334	24	940	184	24	3	1298	211																	

MEGHALAYA B.A.

MIZORAM	206	201	746	832	14	20	966	1053	144	231	654	667	5	15	803	913									
NAGALAND	6	5	683	327	..	..	689	332	6	5	403	193	..	1	409	199									
GRAND TOTAL	269	257	2120	1568	18	22	2407	1847	201	259	1524	1114	8	18	1733	1391									
YEAR	201	259	1524	1114	8	18	1733	1391																	
TOTAL	470	516	3644	2682	26	40	4140	3238																	

ENROLMENT FOR THE ACADEMIC YEAR 1939 - 1990

NAME OF THE STATES	COURSE	FIRST YEAR						SECOND YEAR																			
		OTHERS			S. TRIBE			S. CASTE			TOTAL			OTHERS			S. TRIBE			S. CASTE			TOTAL				
		M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL		
MEGHALAYA MIZORAM NAGALAND GRAND TOTAL	B. SC.	134	87	171	127	11	4	316	218	97	75	101	57	4	2	202	134										
	"	1	1	71	17	..	..	72	18	1	1	24	8	..	..	25	9										
	"	10	12	104	22	..	..	114	34	11	3	48	10	..	..	59	13										
	Ist. & IInd YEAR TOTAL	145	100	346	166	11	4	502	270	109	79	173	75	4	2	286	156										
MEGHALAYA MIZORAM NAGALAND	B. COM.	93	11	170	32	5	..	268	43	58	5	104	18	11	..	173	23										
	"	3	..	65	12	..	..	68	12	3	..	29	2	32	..	32	2										
	"	80	6	84	3	..	..	164	9	47	..	59	3	..	..	106	11										
	Ist. & IInd YEAR TOTAL	176	17	319	47	5	..	500	64	108	13	192	23	11	..	321	36										
MEGHALAYA MIZORAM GRAND TOTAL	B. SC. (H. SC.)	..	9	..	3	..	..	12	2	..	..	..	..	..	..	..	2										
	"	..	..	..	23	..	..	..	23	..	1	..	13	..	..	..	14										
	"	..	9	..	26	..	..	12	25	..	3	..	13	..	..	..	16										
	B. A. (Hons).	45	78	..	..	..	4	..	..	141	126	..	..	..	186	203											
MEGHALAYA MIZORAM NAGALAND GRAND TOTAL	"	1	1	..	..	..	..	..	..	154	46	..	..	5	2	5	47										
	"	22	8	..	..	..	..	..	..	112	84	..	..	18	3	22	92										
	"	68	87	..	..	..	4	..	..	407	256	..	..	70	55	476	347										
	B. Sc. (HONS.)	64	60	..	..	..	3	..	..	47	50	..	..	111	113	..	..										
MEGHALAYA MIZORAM NAGALAND GRAND TOTAL	"	..	4	2	..	..	..	..	..	5	2	..	..	5	2	5	2										
	"	68	62	..	..	..	3	..	..	70	55	..	..	130	120	..	..										
	B. COM. (HONS.)	35	2	..	..	2	..	..	..	10	1	..	..	47	3	..	..										
	"	NIL.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..										
MEGHALAYA MIZORAM GRAND TOTAL	"	24	3	..	..	..	..	..	..	5	1	..	..	29	4	..	..										
	"	59	5	..	..	2	..	..	..	15	2	..	..	76	7	..	..										
	B. SC. (H. SC.) (HONS)	..	6	..	..	..	..	..	..	..	2	..	..	..	..	..	8										
	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..										



ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES	COURSE	FIRST YEAR						SECOND YEAR						TOTAL					
		OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. TRIBE			S. CASTE				
		M	F	M	F	M	F	M	F	M	F	M	F		M	F			
St. Anthony's	P. U. (SC.)	68	..	134	..	1	..	203	..	89	..	179	..	..	..	..	..	268	..
Raid Laban	"	13	..	21	5	..	..	34	5	14	3	24	5	..	..	..	..	38	8
Lady Keane	"	..	57	..	100	..	5	..	162	..	36	..	122	..	..	1	..	159	..
St. Edmund's	"	92	..	82	..	..	..	174	..	87	..	52	..	..	1	..	..	140	..
St. Mary's	"	..	44	..	69	..	..	..	113	..	70	..	70	..	..	..	..	..	140
Synod	"	1	..	59	29	..	..	60	29	..	1	21	5	..	..	..	..	21	6
Kiang Nongbah Govt.	"	2	..	32	23	..	..	34	23	..	..	17	31	..	..	..	..	17	31
Don Bosco	"	16	9	15	10	..	..	31	19	14	1	12	11	..	..	..	..	26	12
Shillong	"	17	2	48	26	..	1	65	19	31	9	47	21	6	..	..	..	84	30
Sankardev	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tura Govt.	"	15	12	42	12	..	..	57	24	17	11	40	20	..	..	..	..	57	31
Union Christian	"	..	..	28	9	..	..	28	9	..	..	..	..	..	..	..	..	..	..
Meghalaya Total	"	224	124	461	273	1	6	685	403	252	131	392	285	7	1	651	417	..	..
St. Anthony's	P. U. (COM.)	28	..	65	..	..	..	93	..	36	..	88	..	..	..	..	..	124	..
Raid Laban	"	24	1	21	1	..	..	45	2	15	..	23	1	..	..	..	..	38	1
Shillong	"	34	..	53	27	8	..	95	27	42	3	69	36	16	3	127	42	..	..
Shillong Com.	"	7	2	52	17	..	..	59	19	8	3	39	26	..	..	..	..	47	29
Meghalaya Total	"	93	3	191	45	8	..	292	48	101	6	219	63	16	3	336	72	..	..
Fazal Ali	P. U. (ARTS)	..	..	192	148	..	..	192	148	..	..	..	..	..	..	..	..	66	48
People's	"	2	2	26	14	..	..	28	14	..	..	1	1	45	49	46	50	..	..
St. Joseph's	"	10	..	6	..	..	..	16	..	18	..	..	..	4	..	22	..	..	..
Patkai Christian	"	..	1	153	167	4	3	157	171	..	..	..	..	96	96	96	96	..	..
Sao Chang	"	9	9	92	25	..	..	101	29	4	4	..	..	33	4	37	8	..	..
Mount Tiya	"	..	..	59	56	5	5	64	61	..	..	2	..	26	22	28	11	..	..
Kohima	"	11	15	443	227	..	..	454	242	9	18	..	..	178	121	187	139	..	..
Wangkhao	"	1	2	29	11	..	..	30	13	..	..	..	..	12	6	12	6	..	..
Baptist	"	..	6	101	100	..	..	101	111	..	2	..	..	17	13	17	33	..	..
Pfutsero	"	..	..	15	2	..	..	15	2	..	..	..	..	7	..	..	..	..	..
Zunheboto	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dimapur	"	26	13	201	136	..	..	227	143	15	17	..	..	151	102	166	119	..	..
Nagaland Total	"	59	41	1317	885	9	8	1385	934	40	41	3	1	635	468	684	510	..	..

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES	FIRST YEAR						SECOND YEAR									
	OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. CASTE		S. TRIBE		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ST. JOSEPH'S	..	1	68	51	..	..	68	52	1	4	..	..	32	40	33	44
SCIENCE	28	12	262	56	..	..	287	68	40	15	..	..	196	46	236	61
FAZL ALI	..	..	110	20	..	..	110	20	..	..	..	..	73	17	73	17
NAGALAND TOTAL	25	13	44	127	..	..	465	140	41	19	..	..	301	103	342	122
ST. JOSEPH'S	..	..	45	9	..	..	45	9	..	..	..	..	28	..	28	..
P. U. (COM.)	74	4	55	7	..	..	120	16	52	3	..	..	46	2	98	5
DIMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BAPTIST	2	2	31	3	..	..	33	5	2	..	..	..	9	..	11	..
NAGALAND TOTAL	76	11	131	19	..	..	206	30	54	3	..	..	83	2	137	5
<hr/>																
PACHHUNGA UNIV.	4	3	100	64	..	..	104	67	4	5	48	23	..	..	52	28
ZIRIRI WOMEN'S	..	2	..	113	..	..	..	115	..	2	..	86	..	..	..	88
HNAHTHAL	..	..	26	11	..	..	26	11	..	..	26	23	..	..	26	23
LAWNGTLAI	..	..	34	33	..	..	34	33	..	..	38	8	..	..	33	8
KOLASIB	..	..	33	24	..	..	33	24	..	..	32	25	..	..	32	25
LUNGLEI	3	..	169	70	..	..	172	70	1	..	103	48	..	..	104	48
SERCHHIP	..	..	44	27	..	..	44	27	..	2	51	28	..	..	51	30
CHAMPHAI	..	..	70	48	..	..	70	48	..	..	73	49	..	..	73	40
HRANGBANA	..	..	229	399	..	..	229	399	3	2	443	287	..	..	446	289
AIZAWL	2	..	175	124	..	..	177	124	4	..	196	119	..	..	200	119
SAIHA	..	..	60	20	..	..	60	20	..	..	25	15	..	..	25	15
AIZAWL NORTH	..	..	115	80	..	..	115	80	2	..	132	57	..	..	134	57
TOTAL MIZORAM	9	5	1055	1013	..	..	1064	1018	14	11	1167	768	..	..	1181	779
<hr/>																
PACHHUNGA UNIV.	4	1	152	62	..	..	156	63	7	7	98	37	..	..	105	41
LUNGLEI	..	..	80	20	..	..	80	20	..	..	68	19	..	..	68	19
AIZAWL	1	..	48	4	..	..	49	4	5	2	37	20	..	..	42	22
KOLASIB	..	..	26	5	..	..	26	5	..	..	17	8	..	..	17	8
TOTAL MIZORAM	5	1	306	91	..	..	311	92	12	6	220	84	..	..	232	90

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES

FIRST YEAR

SECOND YEAR

NAME OF THE COLLEGES	FIRST YEAR						SECOND YEAR						TOTAL			
	OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. CASTE		S. TRIBE		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
PACHHUNGA UNIV.	7	..	36	7	..	..	43	7	1	1	21	5	..	..	22	6
HRAINGBANA	..	..	93	17	..	..	93	17	2	76	16	..	..	..	78	16
AIZAWL	..	..	50	4	..	..	50	4	..	40	6	..	..	..	40	6
TOTAL MIZORAM	7	..	179	28	..	..	186	28	3	1	137	27	..	..	140	28
PACHHUNGA UNIV.	..	..	..	..	..	..	..	..	..	..	3	4	..	..	3	4
B.A.	..	..	70	35	..	..	70	35	..	24	18	..	..	..	24	18
PEOPLE'S	..	..	7	1	2	..	9	1	..	8	11	1	..	..	9	11
ST. JOSEPH'S	8	..	41	17	..	..	49	17	8	..	17	14	..	..	25	14
PATKAI CHRISTIAN	2	1	86	77	1	..	89	78	2	..	51	45	2	1	55	46
SAO CHANG	6	4	40	12	..	..	46	16	4	1	19	2	..	..	23	3
MOUNT TIYI	..	..	29	11	1	2	30	13	..	..	6	5	..	1	6	6
KOHIMA	14	10	200	88	..	..	214	98	9	9	140	74	..	..	158	83
WANGKHAO	..	..	10	1	..	..	10	1	..	1	2	..	..	..	2	1
BAPTIST	..	..	3	31	26	..	31	29	..	1	8	14	..	..	8	15
ZUNHEBOTO	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DIMAPUR	27	33	177	141	..	..	204	174	28	11	183	71	..	..	211	82
NAGALAND TOTAL	57	51	691	409	4	2	752	462	51	23	467	254	3	2	521	279
SCIENCE	10	12	104	22	..	..	114	34	11	3	48	10	..	..	50	13
NAGALAND TOTAL	79	6	59	2	..	..	138	8	47	8	43	3	..	..	90	11
DIMAPUR	1	..	25	1	..	..	26	1	..	..	16	..	..	..	16	..
ST. JOSEPH'S	80	6	84	3	..	..	164	9	47	8	59	3	..	..	106	11
NAGALAND TOTAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES

NAME OF THE COLLEGES	COURSE	FIRST YEAR						SECOND YEAR						TOTAL				
		OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. TRIBE			S. CASTE			
		M	F	M	F	M	F	M	F	M	F	M	F		M	F		
PACHHUNGA UNIV.	B.A.	1	1	39	12	..	..	40	13	1	..	..	8	6	..	..	9	6
ZIRTIRI WOMEN'S	"	..	2	..	19	..	..	21	5	..	2	..	..	20	5	..	..	22
LAWNGITLAI	"	..	..	20	5	..	..	20	8	..	..	..	20	5	..	1	..	6
KOLASIB	"	..	..	25	8	..	..	25	15	..	..	..	12	9	..	..	12	9
LUNGLEI	"	..	..	39	15	..	..	39	16	..	..	..	30	11	..	..	30	11
SERCHHIP	"	1	..	16	16	..	..	16	10	..	..	..	17	9	..	..	17	10
CHAMPHAI	"	..	..	50	10	..	..	50	10	..	..	..	37	15	..	..	37	15
HRANGBANA	"	4	2	307	141	..	..	311	143	5	2	157	71	..	..	..	162	73
AIZAWL	"	..	..	152	61	..	..	152	61	..	..	98	31	..	..	..	93	31
SAIHA	"	..	..	2	15	..	..	2	15	..	..	14	6	..	..	..	14	6
HINATHHAI	"	..	..	11	25	..	..	11	25	..	..	10	10	..	..	..	10	10
TOTAL MIZORAM	"	6	5	683	327	..	..	689	332	6	5	403	193	..	..	1	409	199
PACHHUNGA UNIV.	B.SC.	1	1	71	17	..	..	72	18	1	1	24	8	..	..	..	25	9
TOTAL MIZORAM	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
PACHHUNGA UNIV.	B.COM.	1	..	5	..	..	..	6	..	1	..	4	..	..	..	..	5	..
HRANGBANA	"	2	..	60	12	..	..	62	12	2	..	25	2	..	..	..	27	2
TOTAL MIZORAM	"	3	..	65	12	..	..	68	12	3	..	29	2	..	..	..	32	2
ZIRTIRI WOMEN'S	B.SC.H.SC.	..	..	..	23	..	..	..	23	..	1	..	13	..	..	..	..	14
TOTAL MIZORAM	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ST. ANTHONY'S	B.A. (PASS)	79	..	152	..	..	..	..	231	71	..	135	..	..	..	..	206	..
WOMEN'S	"	..	11	..	102	..	..	..	113	..	14	..	68	..	..	..	..	82
UNION CHRISTIAN	"	..	..	47	33	..	..	47	33	..	..	42	26	..	..	..	42	26
RAID LARAN	"	3	1	12	8	..	..	2	15	..	2	6	16	..	..	..	9	12
LADY KEANE	"	..	62	..	224	..	..	13	319	..	105	..	156	..	14	..	..	275
ST. EDMUND'S	"	53	..	91	..	..	..	147	..	24	..	81	..	..	..	..	105	..
ST. MARY'S	"	..	89	..	107	..	..	..	196	..	86	..	91	..	..	..	..	177
SENG KHASI	"	4	..	106	87	..	..	106	87	..	..	74	66	..	..	..	74	66
SYNOD	"	9	2	144	132	1	..	154	135	3	2	163	150	..	..	..	166	152
KIANG NONGBAH GOVT.	"	1	..	37	42	..	..	38	42	..	..	24	32	..	..	..	24	32
NONGSTOIN	"	..	..	21	11	1	..	22	12	..	..	10	4	..	..	..	10	4
DON BOSCO	"	10	2	27	5	..	..	37	7	2	2	9	7	..	..	..	11	9
MENDIPATHAR	"	3	1	20	4	..	..	23	5	6	1	37	13	..	..	..	43	14
SHILLONG	"	20	24	56	23	9	..	85	50	0	9	47	24	5	1	62	34	34
SANKARDEV	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TURA GOVT.	"	28	9	30	25	..	..	58	34	25	10	23	15	..	..	..	48	25
TIROT SINGH MEMORIAL	"	..	..	3	9	..	..	3	9	..	..	3	5	..	..	..	3	5
TOTAL MEGHALAYA	"	206	201	746	832	14	20	966	1053	144	231	654	667	5	15	803	913	913

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES	FIRST YEAR										SECOND YEAR									
	OTHERS		S. TRIBE		S. CASTE		TOTAL		OTHERS		S. CASTE		S. TRIBE		TOTAL					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ST. ANTHONY'S	39	..	94	..	..	..	133	..	31	..	56	..	..	..	87	..				
ST. EDMUNDS	82	..	34	..	6	..	122	..	48	..	13	..	2	..	63	..				
ST. MARY'S	..	35	..	38	..	..	73	..	43	..	20	..	..	..	..	63				
SHILLONG	11	2	25	9	5	3	41	14	9	2	21	9	2	1	32	12				
KIANG NONGBAH	..	..	8	9	..	..	8	9	2	..	4	3	..	..	6	3				
TURA GOVT	2	4	10	13	..	..	12	17	7	2	7	2	..	..	14	53				
LADY KEANE	..	46	..	58	..	1	..	105	..	29	29	23	..	1	..	53				
TOTAL MEGHALAYA	134	87	171	127	11	4	316	218	97	75	101	57	4	2	202	134				
ST. MARY'S	..	9	..	3	..	..	..	12	..	2	..	..	..	..	..	2				
TOTAL MEGHALAYA	..	9	..	3	..	..	..	12	..	2	..	..	..	..	..	2				
ST. ANTHONY'S	37	..	77	..	..	..	114	..	17	..	34	..	..	..	51	..				
SHILLONG	44	..	63	23	5	..	112	23	36	1	57	15	11	..	104	16				
SHILLONG COM.	12	2	30	6	..	..	42	8	5	2	13	3	..	..	18	5				
TOTAL MEGHALAYA	93	11	170	32	5	..	268	43	58	5	104	18	11	..	173	23				
ST. ANTHONY'S	8	..	20	..	..	..	28	..	..	..	..	..	..	..	..	..				
UNION CHRISTIAN	..	..	11	7	..	..	11	7	..	..	..	..	..	..	..	..				
LADY KEANE	..	29	..	29	..	..	..	61	..	..	..	..	..	..	..	..				
ST. EDMUND'S	20	..	43	..	..	3	63	..	..	..	..	..	..	..	..	..				
ST. MARY'S	..	32	..	48	..	..	..	80	..	..	..	..	..	..	..	..				
SYNOD	2	..	49	27	..	..	51	27	..	..	..	..	..	..	..	..				
SHILLONG	11	3	16	11	..	1	27	15	..	..	..	..	..	..	..	..				
SANKARDEV	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
TURA GOVT.	3	14	2	3	..	..	5	17	..	..	..	..	..	..	..	..				
KIANG NONGBAH GOVT.	1	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..				
TOTAL MEGHALAYA	45	78	141	126	..	4	186	208	..	..	..	..	..	..	..	..				

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES	FIRST YEAR						SECOND YEAR						TOTAL M F	
	OTHERS		S. TRIBE		S. CASTE		OTHERS		S. TRIBE		S. CASTE			
	M	F	M	F	M	F	M	F	M	F	M	F		
ST. ANTHONY'S	23	..	24	..	..	..	..	..	..	..	..	..	47	..
ST. EDMUND'S	28	..	18	..	..	..	..	..	..	..	..	..	46	..
ST. MARY'S	..	20	..	9	..	..	..	..	..	..	..	..	29	..
LADY KEANE	..	36	..	30	..	..	..	..	..	..	..	..	69	..
SHILLONG	13	4	5	11	..	..	..	..	..	..	..	..	18	15
TOTAL MEGHALAYA	64	60	47	50	..	..	..	..	..	..	..	..	111	113
ST. ANTHONY'S	15	..	3	..	..	..	..	..	..	..	..	..	18	..
SHILLONG	20	2	7	1	2	..	..	..	..	..	..	..	29	3
TOTAL MEGHALAYA	35	2	10	1	2	..	..	..	..	..	..	..	47	3
ST. MARY'S	..	6	..	2	..	..	..	..	..	..	..	..	..	8
FAZL ALI	..	..	14	4	..	..	..	..	..	..	..	..	14	4
PATKAI CHRISTIAN	1	1	14	10	1	..	..	..	..	..	..	..	16	11
KOHIMA	1	2	75	54	..	..	..	..	..	..	..	..	76	56
DIMAPUR	22	5	9	16	..	..	..	..	..	..	..	..	29	21
NAGALAND TOTAL	20	8	112	84	1	..	..	..	..	..	..	..	135	92
SCIENCE NAGALAND TOTAL	4	2	18	3	..	..	..	..	..	..	..	..	22	5
DIMAPUR NAGALAND TOTAL	24	3	5	1	..	..	..	..	..	..	..	..	29	4
PACHHUNGA UNIV. LUNGLEI	..	1	25	2	..	..	..	..	..	..	..	..	25	3
SERCHHIP	..	..	2	..	..	..	..	..	..	..	..	..	2	2
CHAMPHAI	..	..	11	6	..	..	..	..	..	..	..	..	11	6
KOLASIB	..	..	9	3	..	..	..	..	..	..	..	..	9	3
HRANGBANA	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SAIHA	..	..	14	4	..	..	..	..	..	..	..	..	14	4
AIZAWL	1	..	93	29	..	..	..	..	..	..	..	..	94	29
TOTAL MIZORAM	1	1	154	46	..	..	..	..	..	..	..	..	155	47
PACHHUNGA UNIV. TOTAL MIZORAM	..	..	5	2	..	..	..	..	..	..	..	..	5	2
PACHHUNGA UNIV. TOTAL MIZORAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ZIRTIRI WOMEN'S TOTAL MIZORAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..

ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990

NAME OF THE COLLEGES	COURSE	FIRST YEAR						SECOND YEAR						THIRD YEAR												
		Others		S. Tribe		S. Caste		Total		Others		S. Tribe		S. Caste		Total		Others		S. Tribe		S. Caste		Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
SASARD	P.U. Agri.	4	..	28	3	1	..	33	3	23	..	11	2	..	..	34	2	..	..	..	..	..	..	..	..	
	B.Sc. Agri.	23	3	16	7	..	..	39	10	17	4	36	1	..	..	53	5	12	3	24	7	..	..	36	10	
	M.Sc. Agri.	3	..	8	4	..	..	11	4	..	..	4	1	..	..	4	1	..	..	..	..	..	..	..	..	
<b>PRELIMINARY</b>																										
ALZAWL LAW	LL.B.	4	2	30	9	..	..	34	11	..	1	7	..	..	..	7	1	..	..	4	2	..	..	4	2	
KOHIMA LAW	LL.B.	30	..	86	23	..	..	116	23	11	1	28	9	..	..	39	10	5	..	13	..	..	..	18	..	
MOKOKCHUNG LAW	LL.B.	2	..	26	19	..	..	28	19	10	..	21	10	..	..	31	10	3	1	21	8	..	..	24	9	
SHILLONG	LL.B.	121	13	142	49	3	1	266	63	40	12	84	34	5	1	129	47	30	6	33	7	2	1	65	14	
TURA LAW	LL.B.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
KHADAR DOJOI LAW	LL.B.	1	..	5	1	..	..	6	1	1	1	11	..	..	..	12	..	1	..	2	..	..	..	3	..	
<b>GRAND TOTAL</b>																										
ST. MARY'S	B.ED.	7	46	..	16	..	..	7	6	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
POST GRADUATE TRAINING	B.ED.	125	81	30	28	5	2	160	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
COLLEGE OF TEACHERS EDN.	"	9	..	105	12	..	..	114	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
NAGALAND COL. OF EDN.	B.ED.	19	9	27	12	2	..	48	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
<b>GRAND TOTAL :</b>																										
..	..	160	136	162	68	7	2	329	296	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

**ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990**

NAME OF THE DEPARTMENTS	FIRST SEMESTER								THIRD SEMESTER							
	Others		S.	T	S.	C	Total		Others		S.	T	S.	C	Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
History	4	5	17	18	..	..	21	23	..	2	5	9	..	..	5	11
Anthropology	2	7	..	10	..	..	2	17	1	1	2	1	..	..	3	2
Political Science	7	4	13	4	..	..	20	8	1	2	12	1	..	..	13	3
Sociology	1	2	4	4	..	..	5	6	1	6	4	2	..	..	5	8
Education	1	7	..	7	..	..	1	14	..	5	3	5	..	..	3	10
English	8	14	2	12	..	..	10	26	3	6	1	4	..	..	4	10
Khasi	..	..	9	11	..	..	9	11	..	..	2	11	..	..	2	11
Economics	7	9	4	3	..	..	11	12	6	4	2	4	..	..	8	8
Philosophy	11	8	3	3	..	..	14	11	..	1	1	..	..	..	1	1
Geography	2	7	6	8	1	..	9	25	6	2	5	3	..	..	11	5
Library & Inf.	..	2	1	4	..	..	1	6	5	2	1	2	..	..	6	4
<b>TOTAL SHILLONG ARTS</b>	<b>43</b>	<b>65</b>	<b>59</b>	<b>84</b>	<b>1</b>	<b>..</b>	<b>103</b>	<b>149</b>	<b>23</b>	<b>31</b>	<b>38</b>	<b>42</b>	<b>..</b>	<b>..</b>	<b>61</b>	<b>73</b>
Zoology	6	8	1	3	2	..	9	11	3	..	4	9	..	..	7	9
Botany	3	8	5	2	..	..	8	10	4	4	1	3	1	..	6	7
Bio-Chemistry	3	3	2	2	..	..	5	5	1	5	1	3	..	..	2	8
Physics	7	4	5	..	..	..	12	4	9	3	1	..	..	..	10	3
Chemistry	4	10	6	..	1	..	11	10	6	6	2	2	..	..	8	8
Mathematics	2	4	1	1	1	..	4	5	1	2	1	..	..	..	2	2
<b>TOTAL : SHILLONG SCIENCE</b>	<b>25</b>	<b>37</b>	<b>20</b>	<b>8</b>	<b>4</b>	<b>..</b>	<b>49</b>	<b>45</b>	<b>24</b>	<b>20</b>	<b>10</b>	<b>17</b>	<b>1</b>	<b>..</b>	<b>35</b>	<b>37</b>

**FIRST YEAR**

**SECOND YEAR**

<b>MIZORAM CAMPUS</b>																
Psychology	..	..	2	3	..	..	2	3	..	..	..	..	..	..	..	..
English	1	..	1	1	..	..	2	1	..	..	..	..	..	..	..	..
Education	..	..	4	3	..	..	4	3	..	..	2	1	..	..	2	1
Economics	..	..	2	..	..	..	2	1	..	..	1	..	..	..	1	..
Public Admn.	..	..	7	4	..	..	7	4	2	..	5	2	..	..	7	2
<b>TOTAL :</b>	<b>1</b>	<b>..</b>	<b>16</b>	<b>11</b>	<b>..</b>	<b>..</b>	<b>17</b>	<b>12</b>	<b>2</b>	<b>..</b>	<b>8</b>	<b>3</b>	<b>..</b>	<b>..</b>	<b>10</b>	<b>3</b>

<b>NAGALAND CAMPUS</b>																
History & Archaeology	..	..	9	3	..	..	9	3	..	..	..	..	..	..	..	..
Education	..	3	1	5	..	..	1	8	..	1	2	4	..	..	2	5
English	..	1	1	..	..	..	1	1	..	..	..	2	..	..	..	2
Geology	..	1	4	3	1	..	5	4	1	..	6	..	..	..	7	..
Commerce	5	..	2	1	..	..	7	1	2	..	1	..	..	..	3	..
<b>TOTAL :</b>	<b>5</b>	<b>5</b>	<b>17</b>	<b>12</b>	<b>1</b>	<b>..</b>	<b>23</b>	<b>17</b>	<b>3</b>	<b>1</b>	<b>9</b>	<b>6</b>	<b>..</b>	<b>..</b>	<b>12</b>	<b>7</b>

**DIPLOMA COURSE**

Public Administration	4	2	17	6	..	..	21	8	2	1	3	2	..	..	5	3
<b>MIZORAM : I &amp; II Semester.</b>																
Shillong (Arts)	43	65	59	84	1	..	103	149	23	31	38	42	..	..	61	73
Kohima (-)	..	4	11	8	..	..	11	12	..	1	2	6	..	..	2	7
Aizawl (-)	1	..	16	11	..	..	17	12	2	..	8	3	..	..	10	3
<b>TOTAL (Arts)</b>	<b>44</b>	<b>69</b>	<b>86</b>	<b>103</b>	<b>1</b>	<b>1</b>	<b>131</b>	<b>173</b>	<b>25</b>	<b>32</b>	<b>48</b>	<b>51</b>	<b>..</b>	<b>..</b>	<b>73</b>	<b>83</b>
<b>TOTAL (Sc.)</b>	<b>25</b>	<b>38</b>	<b>24</b>	<b>11</b>	<b>5</b>	<b>..</b>	<b>54</b>	<b>49</b>	<b>25</b>	<b>20</b>	<b>16</b>	<b>17</b>	<b>1</b>	<b>..</b>	<b>42</b>	<b>37</b>
<b>TOTAL Commerce</b>	<b>5</b>	<b>..</b>	<b>2</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>3</b>	<b>..</b>
<b>GRAND TOTAL :</b>	<b>74</b>	<b>107</b>	<b>112</b>	<b>115</b>	<b>6</b>	<b>1</b>	<b>192</b>	<b>223</b>	<b>52</b>	<b>52</b>	<b>65</b>	<b>68</b>	<b>1</b>	<b>..</b>	<b>118</b>	<b>120</b>

All Campuses.

**ENROLMENT FOR THE ACADEMIC YEAR 1989 - 1990**

Name of the Departments	Course		Others		S.	T.	S.	C.	TOTAL	
			M	F	M	F	M	F	M	F
<b>Shillong (Arts)</b>										
Political Science	M. Phil.	(New)	1	2	2	3	..	..	3	5
"	"	(Old)	..	2	9	4	..	..	9	6
Economics	"	(New)	11	2	5	3	..	..	16	5
"	"	(Old)	13	8	4	7	..	..	17	15
History	"	(New)	..	1	7	4	..	..	7	5
"	"	(Old)	1	1	1	7	..	..	2	8
Anthropology	"	(Old)	2	..	3	..	..	..	5	..
Khasi	"	(New)	..	..	2	19	..	..	2	19
"	"	(Old)	..	..	4	4	..	..	4	4
Education	"	(New)	..	1	..	1	..	..	..	2
"	"	(Old)	..	..	..	2	..	..	..	2
Philosophy	"	(New)	6	3	..	..	..	..	6	3
"	"	(Old)	2	1	..	..	..	..	2	1
"	Pre-Ph. D.	(New)	..	2	..	..	..	..	..	2
"	"	(Old)	1	2	..	..	..	..	1	2
Sociology	M.Phil.	(New)	..	2	4	1	..	..	4	3
"	"	(Old)	1	..	3	1	..	..	4	1
Geography	M.Phil.	(New)	3	4	3	1	..	..	6	5
"	"	(Old)	2	1	2	..	..	..	4	1
			42	28	49	57	..	..	91	85
			1	4	..	..	..	..	1	4
<b>TOTAL :</b>			<b>43</b>	<b>32</b>	<b>49</b>	<b>57</b>	<b>..</b>	<b>..</b>	<b>92</b>	<b>89</b>
<b>Shillong (Science)</b>										
Philosophy	Ph. D.	(New)	..	1	..	..	..	..	..	1
"	"	(Old)	3	4	8	1	..	..	11	5
Geography	"	(Old)	3	..	2	..	..	..	5	..
Political Science	"	(Old)	..	..	..	2	..	..	..	2
Economics	"	(Old)	3	4	3	1	..	..	6	5
History	"	(New)	1	..	1	4	..	..	2	4
"	"	(Old)	3	3	11	5	..	..	14	8
Anthropology	"	(New)	1	1	..	..	..	..	1	1
"	"	(Old)	..	2	1	1	..	..	1	3
Khasi	"	(New)	..	1	1	..	..	..	1	1
"	"	(Old)	..	..	10	6	..	..	10	6
Education	"	(New)	..	..	1	..	..	..	1	..
"	"	(Old)	1	3	2	4	..	..	3	7
English	"	(New)	..	3	1	2	..	..	1	5
<b>TOTAL :(Arts)</b>	<b>Ph. D.</b>		<b>15</b>	<b>22</b>	<b>41</b>	<b>26</b>	<b>..</b>	<b>..</b>	<b>56</b>	<b>48</b>
Botany	Ph. D.	(New)	7	7	2	..	..	..	9	7
"	"	(Old)	8	3	2	..	..	..	10	3
Bio-Chemistry	"	(Old)	3	1	2	..	..	..	5	1
"	"	(New)	..	..	..	1	..	..	..	1
Physics	"	(Old)	13	3	..	..	..	..	13	3
Chemistry	"	(Old)	3	1	..	..	..	..	3	1
<b>TOTAL :(Science)</b>	<b>Ph. D.</b>		<b>34</b>	<b>15</b>	<b>6</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>40</b>	<b>16</b>

**N. B. :-** One Female german national was Enrolled in Khasi Department.

**ENROLMENT FOR THE ACADEMIC YEAR 1989-1990**

Name of the Departments	Course	Others		S.	T.	S. C.		Total	
		M	F	M	F	M	F	M	F
<b>Mizoram Campus :</b>									
Psychology	Pre-Ph.D (New)	..	..	..	2	..	..	..	2
Public Administration	Ph.D. (Old)	..	..	3	..	..	..	3	..
English	Pre-Ph.D. (New)	..	2	..	..	..	..	..	2
Education	Ph.D. (Old)	..	..	1	1	..	..	1	1
<b>Total :</b>	<b>Pre-Ph.D.</b>	..	2	..	2	..	..	..	4
	<b>Ph.D.</b>	..	..	4	1	..	..	4	1
<b>Nagaland Campus :</b>									
Geology	Ph.D. (Old)	1	..	1	..	..	..	2	..
Education	Ph.D. (New)	..	..	2	..	..	..	2	..
..	Ph.D. (Old)	..	..	2	1	..	..	2	1
<b>TOTAL :</b>	<b>Ph.D.</b>	1	..	5	1	..	..	6	1
Zoology	M. Phil. (New)	2	3	1	6	..	..	3	9
..	.. (Old)	..	7	..	..	..	..	..	7
Botany	Pre-Ph.D. (New)	3	4	1	1	..	..	4	5
Bio-Chemistry	M.Phil. (New)	3	..	1	..	..	..	4	..
..	.. (Old)	1	..	..	..	..	..	1	..
Physics	Pre-ph.D. (New)	3	1	..	..	..	..	3	1
Mathematics	M.Phil. (Old)	3	6	..	..	..	..	3	6
<b>TOTAL :</b>	<b>M.Phil.</b>	9	16	2	6	..	..	11	22
(Shillong Science)	<b>Pre-Ph.D.</b>	6	5	1	1	..	..	7	6
<b>Meghalaya Campus</b>	<b>M. Phil.</b>	42	28	49	57	..	..	91	85
	<b>Pre-Ph. D.</b>	1	4	..	..	..	..	1	4
	<b>Ph. D.</b>	15	21	41	26	..	..	56	47
<b>Mizoram Campus</b>	<b>M. Phil.</b>	..	..	..	..	..	..	..	..
	<b>Pre-Ph. D.</b>	..	2	..	2	..	..	..	4
	<b>Ph. D.</b>	..	..	4	1	..	..	4	1
<b>Nagaland Campus</b>	<b>M. Phil.</b>	..	..	..	..	..	..	..	..
	<b>Pre-Ph. D.</b>	..	..	..	..	..	..	..	..
	<b>Ph. D.</b>	..	..	4	1	..	..	4	1
<b>Grand Total :</b>	<b>M. Phil.</b>	42	28	49	57	..	..	91	85
(R. Scholars : Arts)	<b>Pre-Ph. D.</b>	1	6	..	2	..	..	1	8
	<b>Ph. D.</b>	15	21	49	28	..	..	64	49
<b>Grand Total :</b>	<b>M.Phil.</b>	9	16	2	6	..	..	11	22
(R. Scholars : Science)	<b>Pre-Ph. D.</b>	6	5	1	1	..	..	7	6
	<b>Ph. D.</b>	35	15	7	1	..	..	42	16
<b>Grand Total :</b>	<b>M. Phil.</b>	51	44	51	63	..	..	102	07
Arts & Science	<b>Pre-Ph. D.</b>	7	11	1	3	..	..	8	14
R. Scholars	<b>Ph. D.</b>	50	36	56	29	..	..	106	65

The Estimated Receipts/Expenditures and actual Receipt/Expenditure (inclusive of internal Receipts and Receipts out of grants from UGC) in respect of Part - I (Non-Plan) and Part - II (Plan) for the year 1989-90.

		RECEIPT			EXPENDITURE						
		Estimated Receipt	Part - II	Part - I	Actual Receipt	Part - II	Part - I	Part - I	Actual Expenditure		
Internal Grant	Total	933.00	791.94	899.98	935.28	207.85	953.00	971.94	926.98	221.34	
Internal Receipt	Total	Nil.	35.30	899.98	935.28	.09	192.85	207.85	971.94	926.98	221.34
				(A)			15.00				
							207.85				

(A) Actual receipt of grant as per Annual Account is Rs. 925.43 out of which Rs. 25.45 pertaining to 1988 - 89 was actually received during 1989-90.

**Income and Expenditure Account for the Year 1989 - 1990**

**(Plan and Non-Plan Account).**

<b>Head of Account</b>	<b>Income</b>	<b>Figures in Rupees</b>
<b>A. Non-Plan Account.</b>		
1. University Grants Commission (Maintenance Grant)	..	9,25,43,187
2. Fees from Students	..	8,09,274
3. Examination Fees	..	18,48,208
4. University Hostels	..	56,781
5. Income from Buildings	..	1,00,018
6. Income from Lands	..	16,602
7. Publications	..	55,845
8. Other Departmental Receipts	..	6,919
9. Miscellaneous Receipts	..	6,35,955
<b>B. Plan Account</b>		
1. University Grants Commission (Maintenance Grant)	..	..
		<hr/>
		Total : 9,60,72,789

**Income and Expenditure Account for the Year 1989 - 1990.**

**(Plan and Non-Plan Account)**

**Expenditure**

<b>Head of Account</b>	<b>Figures in Rupees</b>
<b>A. Non-Plan Accounts :</b>	
1. Vice-Chancellor's Office ..	20,46,116
2. Registrar's Office ..	56,03,055
3. Finance Department ..	17,42,406
4. Examination Department ..	51,60,997
5. Campus Development Office ..	24,34,415
6. Dean Students' Welfare ..	3,87,420
7. Sports Department ..	4,47,216
8. College Development Council ..	1,74,893
9. Publication Department ..	5,43,145
10. University Health Service ..	11,79,818
11. Scholarship/Fellowship/Stipends ..	14,21,895
12. Common Services & General Charges ..	1,37,08,945
13. Other Miscellaneous ..	16,26,648
14. Contribution to Reserve Fund ..	3,600
15. Academic Programme ..	2,07,91,744
16. Other Academic Programme ..	6,76,786
17. University Science Instrumentation Centre ..	4,93,995
18. Nagaland Campus ..	61,92,684
19. Agricultural College, Medziphema ..	82,46,235
20. Mizoram Campus ..	48,40,588
21. Pachhunga University College ..	73,81,107
	<b>Total : 8,51,03,608</b>
<b>B. Plan Account :</b>	
1. Computer Centre ..	2,72,243
2. Academic Programme (Bio-Physics) ..	6,80,041
	<b>Grand Total : 8,60,55,892</b>
	<b>On Revenue Account: 20,75,046</b>
	<b>On Capital Account: 79,41,851</b>
	<b>Total : 9,60,72,789</b>

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