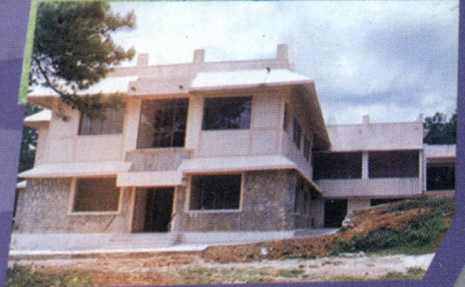
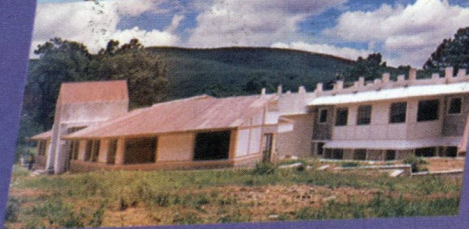


NORTH-EASTERN HILL UNIVERSITY

TWENTY SEVENTH
ANNUAL REPORT
2000 - 2001





From the Vice Chancellor's Desk

North-Eastern Hill University Shillong

Twenty Seventh ANNUAL REPORT



2000-2001

North-Eastern Hill University
Shillong

Twenty Seventh
ANNUAL REPORT

Uttarakhand Pradesh, the Ministry of Education, Govt. of India, New Delhi



Compiled by Annual Report Cell, NEHU, laserset and printed at NEHU Printing Press, Shillong.

From the Vice Chancellor's Desk

The year under review (2000-2001) was notable for the University in more senses than one. First, the University made significant progress in respect of infrastructural development in the Permanent Campus which made it possible for a number of departments to move in. If the progress in this respect continues at the present pace all the departments and centres located elsewhere are expected to be able to move to the Campus within a couple of years. This will take us near fulfillment of one of our priorities, that is, to bring all departments and centres to the Permanent Campus. While achievement in this field has been satisfactory, the academic achievement of our faculty members has not been less impressive with a number of them winning national awards and honours during the year.

I am also happy to report that the V-SAT connection has been provided to various administrative and academic departments located in the Permanent Campus and efforts are on to provide the facility to departments located in the Mayurbhanj and Bijni Complexes as well.



The total number of Students enrolled during 2000-2001 was 28,759; of which 24,708 were under graduates; 2034 in professional courses; 1798 post-graduates and 219 in M.Phil/ Ph.D. programmes.

I take this opportunity to thank the members of the Editorial Board of the Annual Report and their team who compiled and edited this report and also NEHU Publications for having seen through its publication.

A handwritten signature in black ink, appearing to read 'Mrinal Miri', with a long horizontal line extending from the end of the signature.

Mrinal Miri

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NORTH-EASTERN HILL UNIVERSITY

Visitor	: The President of India
Chancellor	: Shri Krishna Kant Vice-President of India
Chief Rector	: The Governor of Meghalaya
Vice-Chancellor	: Professor Mrinal Miri
Pro-Vice-Chancellors :	
Mizoram Campus	: Professor R. Lalthangtluanga
Tura Campus	: Professor Milton S Sangma (Upto 31st December 2000) Professor S S Khare (w.e.f. 3rd April 2001)
Shillong Campus	: Professor (Mrs) K S Lyngdoh
Registrar	: Shri L Nampui (upto 21.12.2000) Dr D.T. Khathing (with effect from 21.12.2000)
Finance Officer	: Shri L Nampui
Controller of Examinations	: Dr A Patton
Deans of Schools:	
School of Humanities & Education	: Professor E N Lall (upto 31.12.2000)
School of Life Science	: Professor A N Rai
School of Physical Sciences	: Professor S S Khare
School of Social Sciences	: Professor Imdad Hussain
School of Economics, Management and Information Sciences	: Professor J C Binwal
School of Human and Environmental Sciences	: Professor T B Subba

NEHU AT A GLANCE

North-Eastern Hill University was set up as a central university by an Act of Parliament and notified on 26th May 1973 and formally inaugurated on 19th July 1973. The objects of the University are to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to pay special attention to the improvement of the social and economic conditions and welfare of the people of the hill areas of the North-Eastern region, and in particular, their intellectual, academic and cultural advancement.

The jurisdiction of the University extended to the States of Meghalaya, Nagaland and the erstwhile Union Territories of Arunachal Pradesh and Mizoram and the headquarters of the University is located at Shillong as per the Act of Parliament. With the establishment of Nagaland University on 6th September 1994 the jurisdiction of NEHU over Nagaland ceased.

The University had opened Campuses at Shillong, Aizawl, Kohima and Medziphema. In addition, the University also started a pace-setting College in Mizoram in 1979 by taking over the Pachhunga Memorial Government College and renaming it as the Pachhunga University College. Initially, at Shillong the academic departments and administrative offices of the University started functioning in hired buildings and thereafter with the acquisition and purchase of the Mayurbhanj and Bijni Complexes most of the academic departments were shifted to these two Complexes. The Government of Meghalaya subsequently allotted land measuring approximately 1024 acres free of cost to the University for setting up its Permanent Campus. The survey and master plan of the site for the Permanent campus was taken up under the VI Plan. The VII Plan saw the beginning of the construction work with very limited grants from the University Grants Commission. By the year 1984 a number of constructions and Campus Development works like staff quarters, electrification, water supply, ring-road, USIC Workshop, Hostels (for men and women separately), Guest House and Seminar Complex and later RSIC Complex and the Science Complex were carried out. At the moment all the Science Departments are functioning in the Permanent Campus. The Department of Education is also located in the Permanent Campus the Departments of Political Science & History have also shifted from the Mayurbhanj Complex and now housed in the Social Science Complex. During the year under review the Department of Sociology has also moved into the Social Science Complex.

The headquarters of the University is also being presently housed in the RSIC Complex at the Permanent Campus. During the IXth Plan the University had received a total grant of Rs. 11.00 crores for construction and other developmental works. Besides, the

University had also received Rs. 7.74 crores from the non-lapsible pool of the Planning Commission, of which Rs. 1.74 crores was allocated to the Mizoram Campus and Rs. 6.0 crores is being utilised for construction of the Kendriya Vidyalaya in the Permanent Campus, Central Library, extension of the Social Science & Life Science Blocks and boundary wall of the permanent campus. The Telecom Department has also set-up a fully automated telephone exchange in the University Campus, the first of its kind in any university in the region. In Mizoram the state government has leased about 980 acres of land at Tahnrlil, Aizawl. The construction work for the same consisting of the administrative block, class rooms and laboratories amounting to Rs.1,19,77,000 has been handed over to the State PWD. With the setting up of Nagaland University, NEHU's jurisdiction over the state of Nagaland ceased and the academic departments in the state of Nagaland were handed over to the Nagaland University. However, quite a number of employees who were earlier serving in our erstwhile Nagaland Campus have remained under North-Eastern Hill University. This has led to the addition of three more academic departments namely, the Departments of Commerce and Linguistics at Shillong and the Department of Geology at Aizawl. As the employees were retained by the Nagaland University on deputation and the teachers concerned have recently been repatriated to NEHU, two of these three Departments functioned only with effect from the 1996 academic session. In February, 1996 the University has set-up a Campus at Tura with the Departments of English and Garo to begin with.

Though the University is located in a remote corner of the country, it has been able to establish itself as an institution of repute with 28 Departments and 4 Centres of Studies under its six Schools, and an under-graduate college. The prestigious Regional Sophisticated Instrumentation Centre funded by the Department of Science and Technology, Government of India is being run at this University. The University Science Instrumentation Centre which is directly funded by the University Grants Commission has also been recently upgraded to Level II. Four Departments of the University i.e. Department of Botany, Chemistry, Sociology & History have been identified for the Special Assistance Programme by the University Grants Commission. Besides, the Chemistry Department was also getting a special grant under the COSIST programme of the UGC. The Department of Zoology has also been granted the second phase of the DRS project from UGC. In addition to this a huge number of research projects have been awarded to individual teachers notably by the CSIR, DST, DAE, UGC, Ford Foundation DBT, DF & E etc. including a Rs. 1.5 crore project from NEC. The University is also managing a number of endowments donated by various individuals & organisations including from His Excellency, Dr Shankar Dayal Sharma, former President of India, who was also the Visitor of the University, Justice Krishna Aier, besides others. The University was also awarded the prestigious Rajiv Gandhi Chair on Protective Discrimination for a period of five years. Further, the university has been accorded a 4 star status by the National Assessment & Accreditation Council of India for a period of five years, commencing from September, 2000.

On the achievements of individuals the notables are (Late) Professor B Pakem the Pandit Jawaharlal Nehru National Award in Social Sciences, Professor P Tandon was selected as Fellow of the National Science Academy, Professor M.K. Choudhury, elected as FA.Sc., Professor R R Mishra, Professors S.S. Khare, S.R. Srivastava, R.S. Tripathi, FNA.Sc.,

Professor (Mrs) K.S. Lyngdoh the Priya Darshani Award, Professor A.N. Rai Young Scientist Award in Bio-Technology, Dr. Nirmalendu Saha the ISCA Young Scientist's Award, Dr. Vinod Singh, Career Award by the University Grants Commission, Professor M.K. Mahanti, the Rev. Fr. L M Yeddanapalli Medal & Prize. Many of our teachers are also involved in active research in collaboration with a number of Universities & Institutes abroad both in the developed & under-developed countries.

The University has also organised a number of National and Regional Conferences, Seminars and Workshops and in the recent past two International Conferences.

At the moment, there are sixty five under graduate colleges affiliated to the University including eight professional course colleges. The North East Regional Institute of Science and Technology is also affiliated to the University.

The University Central Library which caters to the staff, teachers, post-graduate students as well as the honours under-graduate students and college teachers can boast of a collection of 1, 75,402 books, 38,036 bound periodicals and a subscription of 316 foreign and 366 Indian journals. The average number of users per day is 445. The Mizoram campus library has a total of 2621 books and a subscription of 66 journals, and the Tura Campus 2959 books and 33 journals.

On the student front, our boys and girls have been doing well with many of them finding a place in the Central Civil Services, Banking Services, academic positions etc, while quite a few have been awarded scholarships/fellowships by both national and international organisations, many have also qualified the NET, GATE and other national tests. The number of students/ scholars passing out each year can be seen at table I, II & III. Further, the Chief Proctor's office has also not had any problems in the recent past.

The overall achievement of the University is commendable, and true to our motto the entire University Community has the spirit to "Rise-Up and Build". With adequate grants NEHU can go a long way in fulfilling the objectives set forth.

TABLE I
NUMBER OF CANDIDATES AWARDED Ph.D SINCE INCEPTION

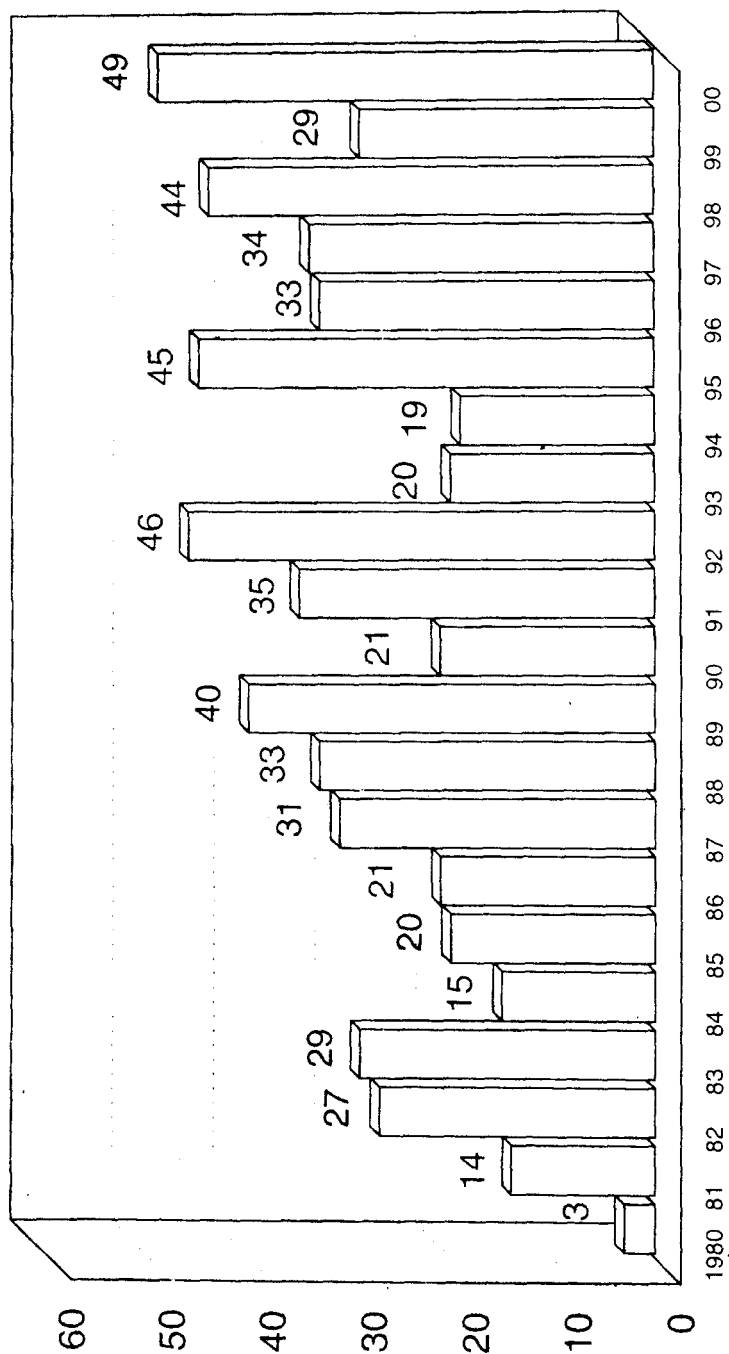


TABLE II
NUMBER OF CANDIDATES AWARDED M.Phil SINCE INCEPTION

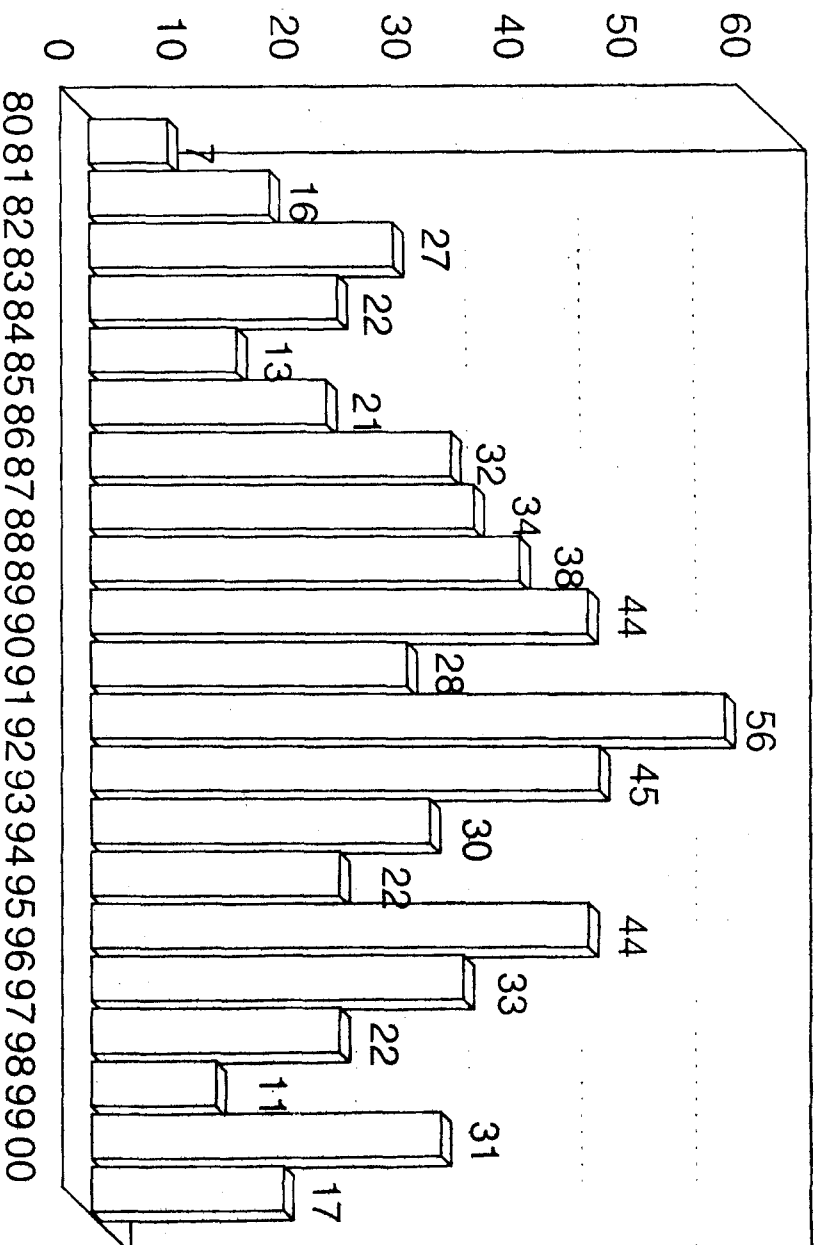
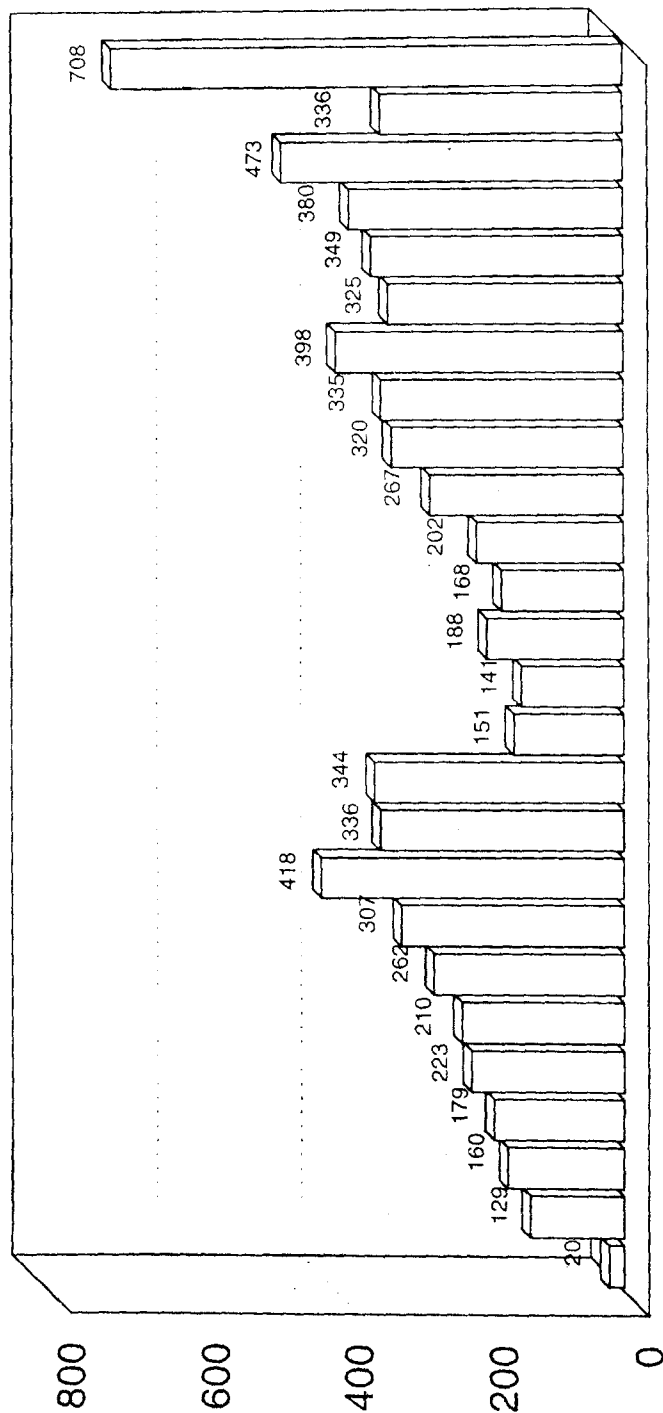


TABLE III
NUMBER OF CANDIDATES AWARDED PG DEGREES SINCE INCEPTION



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SCHOOL OF ECONOMICS MANAGEMENT AND INFORMATION SCIENCES

The School of Economics, Management and Information Sciences comprises three departments namely, Commerce, Economics and Library and Information Science. The Department of Economics with its headquarters in Shillong has a campus department in Aizawl.

The major areas of specialisation and thrust areas of academic activities are Economics : Economics of Agriculture, Economics of Rural Development, Econometrics, Economics of Education and Manpower, Economics of Health, Economics of Energy and Transport, Quantitative Economics, and Economics of the North-Eastern Region. Commerce: Accounting, Finance and Control, and Management of Small Business. And Library and Information Sciences : Universe of knowledge, Information Technology, Computer Applications, Information Retrieval, and Information Management in Library and Information Science.

The faculty members are actively engaged in research and collaborative activities with the governments and other institutions. The Department of Economics, Shillong, has been identified as one of the institutions towards implementation of the Environmental Management Programme by the Ministry of Environment and Forests, Government of India.

During the year, the performance of the School may be described in terms of
(a) Research : Ph.D.- 1; research papers published - 19; books - 1; seminars attended and papers read - 14; research projects completed -1; research projects in progress - 2,
(b) Admission to master programmes - 162; admission to Ph.D. programmes - 10.

DEPARTMENT OF COMMERCE

Consequent to formation of Nagaland University, the Department of Commerce had started afresh in 1996 at Mayurbhanj Complex, Shillong with the teachers who had opted to stay back with NEHU.

Head: V K Kumar

Faculty:

Professor V K Kumar, M.Com (Andhra), PGDTD (ISTD, New Delhi) Ph.D (Raj)
Lecturer N M Panda, M.Com(Utkal) FDPM (IIM, Ahmedabad) Ph.D (M.U).

Student Intake:

(a) Enrolment Capacity:	30				
(b) Actual Admission:	SC/ST	Genl.	Male/Female		Total
	25	5	12	18	30

Courses Conducted : Government Business & NE Economy; Principles of Management; Business Statistics; Business Economics; Financial Management -I; Principles of Marketing, Indian Financial System; Management of Small Business; Financial Management-II; Advanced Commercial Banking; Advanced Financial Accounting; Agricultural Marketing; Organisational Behaviour; Principles of Public Enterprises; Management Accounting and Accounting Information System.

Seminars/Conferences : (Attended)

N.M.Panda, workshop on “ budgetary and financial control “ for Accounts Officers, Senior Audit Officers organised by Regional Training Institute, Shillong 19th & 20th March 2001 and presented papers on ‘Budgetary process for state governments’ and ‘Can zero base budgeting be applied to Government Sector.’

Visiting Professors/Fellows:

Prof. D D Bhorali, Department of Commerce, Gauhati University, for two months during May-June 2000.

Prof. B B Pradhan, Institute of Business and Computer Studies, Bhubaneswar for one and half months during May- June 2000.

Mr. R Syngkon, lecturer in Commerce, St. Edmund College, Mr. A N Shankar, lecturer in commerce, B.B.S College, Shillong and Mr. S Umdor, Lecturer In Economics, St Anthony College served the Department as guest lecturers for both the semesters of the year.

Publications:

Panda, N M 2000 What brings entrepreneurial success in a developing region. *Journal of Entrepreneurship*. 9(2): 99-212.

Panda, N M 2000 Financing hotel industry in Nagaland. *Finance India*.14 (4): 1155-1164.

Mishra, S K and Panda, N M. 2000 Unit cost of higher education: A case Study of North - Eastern Hill University. *Journal of Educational Planning and Administration*. 14 (3): 269-183.

Mishra, B and Panda, N M 2000 Size, structure and overall quality of employment in private sector service enterprise: A case study. *Journal of The North Eastern Council*.20 (2): 15-23.

Panda, N M and Mishra, B 2001 Population dynamics and quality of life in North East India In R K Rai et al, ed. *Environment Resources and Development*. Shillong: Geographical Society of North Eastern Hill Region. 125 -132.

Panda, N M 2001 Product pricing and customer profitability: Can activity based costing help towards better customer relationship. *The Business Review*. 6 (1&2): 100-108.

Panda, N M 2001 Industrial policy and growth of entrepreneurship: A Case study of hotel industry in Nagaland. *Monthly Public Opinion Surveys* 45(11): 7-14.

Panda, N M and Mishra, B 2000. Employment in private sector hotel enterprises of Nagaland. *The Indian Journal of Labour Economics*. 43 (4): 977-989.

Thrust Area of Research : Accounting, Finance and Control & Management of Small Business.

Other Activities :

Prof. V K Kumar: (i) joined the Department of Commerce after serving three years on lien as Chairman, PGP, at Indian Institute of Management, Calicut on September 30, 2000. (ii) attended Research Committee Meeting at CIF (ICAR), Bombay and gave a presentation on the Proposed Programme on Management of Fishers Resources on October - 20-21, 2000. (iii) delivered a talk at the Department of Commerce, Delhi School of Economics, Delhi University, Delhi, on "Managing Mergers & Acquisition for value" on October 23, 2000. (iv) attended Research Advisory Committee Meeting of CIF (ICAR), Bombay and gave a Presentation on "Inter disciplinary Research in Management" on January 11, 2000.

Dr. N M Panda: (1) served as a resource person in a Training Programme on "Financial Management" for the Middle level Govt. Executives Conducted by Meghalaya Administrative Training Institute (MATI), Shillong during 10th to 14th July 2000 and delivered 4 talks covering the following topics (a) Project Planning, Formulation and Implementation (b) Network Analysis in Project Management (c) Cost and Time Trade off in Project Management (d) Investment Analysis. (2) Participated as a Resource person on a Training Programme conducted by RTI for Accounts Officers and Sr. Audit Officers during July 20-25, 2000 and delivered two lectures covering the topics, Management Information System and Inventory Management in Government. (3) Participated as a Resource Person in a Refresher Course in Library and Information Science in July 2000 and delivered the following two lectures on (a) Application of Zero-Based Budgeting in University Libraries (b) Promoting Work Culture in University Libraries in India. (4) Participated as a Resource person in a Training Programme organised by Sub-Zonal Training Institute of Employees Provident Fund Organisation, NER, Shillong during 10 - 12 July 2000 and delivered two lectures on the following topics : (a) Employees Motivation (b) Building Organisational Image. (5) Participated in the UGC sponsored Refreshers Course on 'Foreign Trade Practice and Procedure' for Economics and Commerce organised by Academic Staff College, Andhra University, Waltier, Andhra Pradesh during 18th Jan 2001 to 7th Feb 2001.

DEPARTMENT OF ECONOMICS AIZAWL

The Department of Economics on the Mizoram Campus started functioning in 1979 with just one teacher and a few students. However, the student intake capacity has been raised to 50 since 1996. Since then, there has been a lot of improvement in the performance and the percentage of successful students in the Department.

Head: Prof. Tlanglawma,

Faculty:

Professor : Tlanglawma, M A (Gauh) Ph.D (NEHU)
Readers : A K Agarwal, M A, Ph.D (Kanpur)
 Lianzela, M A, Ph.D (Gauh)
 Thangchungnunga, M A, Ph.D (Gauh)
Lecturer : S K Ghosh, M A (Sagar) M.Phil (NEHU)

Student Intake:

Enrolment capacity:	50				
Actual Admission :	SC/ST	Genl	Male/Female		Total
M.A	54	-	34	20	54
Ph.D	5	-	4	1	5

Courses conducted : Political Economy ; Macro-Economic Analysis - I ; Mathematics for Economists ; Statistical Analysis. Micro-Economic Analysis-II; International Trade; Economics of Health and Man-power; Monetary Economics - I; Econometrics - I.

Seminars/Conferences: (Attended)

Lianzela: Seminar on "Mizoram University" organised by All Mizo-Post-Graduate Students Union on 13th May 2000 and presented a paper on "Model Ni Tur Mizoram University". Seminar on "The Role of Taxation for Development and Financial Management" Organised by government of Mizoram on 29th September 2000 and presented a paper on "Role of non-tax revenues for developments."

Study Tour/Field Trips : This year university sanctioned a grant for the departmental/industrial tour. A group of IVth semester students of the Department accompanied by Shri Santanu Ray, Senior Statistical Assistant (Eco) as teacher -escort performed the tour during December- January, 2000-20001. The team visited world famous tea industry of Darjeeling, West Bengal and paper industry of Panchgram, Assam. The students tried to identify the various socio- economic aspects of these two industries.

Other Activities:

Lianezela: Attended Inaugural function of Women Empowerment Year at Aizwal on 7th February, 20001 and presented paper on "To make women socially aware and promote their self esteem".

DEPARTMENT OF ECONOMICS SHILLONG

The Department of Economics, established in 1974, is now a department in the School of Economics, Management and Information Sciences. The main objective of this Department has been to impart socially relevant education at post-graduate level by a judicious mix of empiricism and theory. The courses of study and research offered in the Department have been designed to meet this objective.

The Department has given adequate coverage to North-Eastern Region in its research programme. Its M.A. students are offered a compulsory course on North-Eastern Region and Environmental Economics. The courses of study in the Department have been periodically updated to capture the latest developments in the discipline. An adequate exposure to quantitative techniques is compulsorily given to all students.

Head : Prof. S K Mishra

Faculty:

Professors:	S K Mishra, M.A (Bhagal), Ph.D. (IIT, Kharagpur) M Lalwani, M.A. (Delhi), Ph.D.(Delhi) P M Passah, M.A., Ph.D (Gauh)
Readers :	N Srivastav, M.A.(Raj), Ph.D (IIT, Kanpur) E D Thomas, M.A, Ph.D (NEHU)
Lecturers :	B Mishra, M.A, Ph D (Utkal) A C Dube, M.A. (BHU), Ph.D (IIT, Bombay) Orester J Kharpuri, M.A (NEHU)

Student Intake:

(a) Enrolment capacity	M.A.- 50	M.Phil - 20	Ph.D - 20		
(b) Actual admission:	SC/ST	Genl.	Male	Female	Total
	43	9	27	25	52

Degrees Awarded:

Ph.D.

Evakorlang Kharkonger "Budgetary trends of the Meghalaya Government Finances 1972-1973 to 1997-1998." Supervisor, Prof. P M Passah.

Funds received from agencies other than NEHU/U.G.C. : The Department is in receipt of a grant amounting to Rs.2,50,000/- (Rupees two lakhs fifty thousand only) from Madras School of Economics, Chennai, under the World Bank Aided India Environmental Management Capacity Building Technical Assistance Project, for procurement of books, journals, reference materials, data base and back volumes of journals in the field of Environmental Economics.

Courses Conducted: M.A./M.Sc.: Political Economy, Macro-Economic Analysis-I, Mathematics for Economists, Statistical Analysis, Macro-Economic Analysis-II, Micro-Economic

Analysis-I, Public Economics, Economics of Development and Planning, Micro-Economic Analysis-II, International Trade, Indian Economy Economics of Environment and North-Eastern Region.

Optional Papers: Labour Economics, Theories of Industrial Economics, International Trade & Monetary Policy. Computer Programming for Social Scientists, Static Optimisation Techniques, Industrial Organisation in India, Environmental Economics, Modern Growth Economics, Dynamic Optimisation Techniques, International Economics, Budgetary theory, Economics of Agriculture - I, Economics of Agriculture- II, Econometrics - I, Econometrics - II, Econometric - III, Economics of Human Resources - I, Economics of Human Resources - II, Mathematical Economics - I, Mathematical Economics - II, Economics of Third World - I, Economics of Third World- II, History of Economic Thought - I, Urban and Regional Economics - I, Urban and Regional Economics - II, Transport Economics - I, Transport Economics - II, History of Economic Development - I, History of Economic Development - II, Monetary Economics - I, Monetary Economics - II.

M.Phil: Major Issues in Indian Economy, Scientific Methods and Quantitative Techniques, Advanced Economic Theory, Institutional Economics.

Seminars/Conferences: (Attended)

P M Passah: Prof. B Pakem Commemoration Seminar on "Environment, Land and People of Jaintia Hills, Meghalaya" organised by the North-East India Council for Social Science Research, Shillong from 5th to 6th June 2000 and presented a paper on "Blue print for economic development of Jaintia Hills" and also chaired a technical session. Seminar on "Self-Governance Systems in the Tribal Areas of North-East India and Futuristic Perspective" held jointly by the Society for Conflict Analysis and Resolutions (SOF CAR) and India International Centre (IIC), New Delhi on 22-23 September 2000 in New Delhi and presented a Paper on "Development of traditional institutions in Meghalaya on the pattern of panchayat system: A tentative suggestion" and also chaired one of the sessions. National Seminar on "Food, Nutrition, Food Security and Public Distribution System in North-East India" held by the North-East India Council for Social Science Research, Shillong on 27-28 November, 2000 in Shillong and chaired the last academic session. Seminar on "Constitutional Safeguards to the Assamese People: Search for Security of the People of Assam" sponsored by the MHA, Government of India and organised by the North East Foundation, Guwahati on the 9th December 2000 and presented a Paper on "Constitutional safeguards to the Assamese People". 83rd Indian Economic Conference held in the University of Jammu, Jammu from 30th December 2000 to 1st January 2001 and presented a Paper on "Economic reforms in India: Impact on the poor and the backward sections of society".

E D Thomas: Attended the Seminar on "Access to and Control and Management of Land and Forest in North-East India" at Shillong on February 25, 2000 organised by the North East India Social Science Congress (Shillong Chapter) in collaboration with SOFCAR, Delhi and NEHU and presented a paper "Status of Land and Forest Management in Meghalaya"

A C Dubey : Attended the National Seminar on "Need and Demand for Rural Infrastructure"

and presented a Paper entitled "Shukla Commission Recommendations and Demand for Infrastructure among the North-Eastern States", at National Council of Applied Economic Research, New Delhi, November 1-2, 2000. Presented a Paper entitled "Poverty and Levels of Living by Social Groups: A Disaggregated Analysis" at the National Seminar on Protective Discrimination, North-Eastern Hill University, Shillong, September 21-22, 2000. Presented as background Paper entitled "Poverty Assessment in India: Measurement and Policy Issues" at the workshop on Poverty Measurement and Mobility Issues organised by the Ministry of Rural Development, Government of India, New Delhi, September 20, 2000. Presented a Paper entitled "Poverty and Child Labour in India" at Department of Economics, Aarhus Business School, Aarhus, Denmark, September 4, 2000.

Publications:

Dubey, A C, et al. 2000. Poverty. what do the data say ? In S Gangopadhyay and W Wadhwa ed. *Economic Reforms for the Poor*, New Delhi: Rajiv Gandhi Institute for Contemporary Studies. 17-46.

Dubey, A C, et al. 2000. Occupational structure and incidence of poverty in Indian towns of different sizes. *Review of Development Economics* 5(1): 49-59.

Dubey, A C and Mahadevia, D 2000. Poverty and inequality in Indian Metropolises, *Indian Journal of Labour Economics* 44(1):

Dubey A C and Bhandari, L 2001. Calorie deficiency, poverty and the public distribution system-A household level analysis for 1993-94, *RGICS Working Paper No. 24*. New Delhi: Rajiv Gandhi Institute for Contemporary Studies.

Lalwani, M and Thomas, E D 2000. Incidence of poverty and employment generation among JRY household. *Manpower Journal*, 36(1): 137-146.

Mishra, S K and Panda, N M 2000. Unit cost of higher education: A case study of North - Eastern Hill University. *Journal of Educational Planning and Administration*. 14 (3): 269-183.

Mishra, B and Panda, N M 2000. Size, structure and overall quality of employment in private sector service enterprise: A case study. *Journal of North Eastern Council*. 20 (2): 15-23.

Panda, N M and Mishra, B 2001. Population dynamics and quality of life in North East India. In R K Rai. et al, ed. *Environment Resources and Development*. Shillong: Geographical Society of North Eastern Hill Region. 125-132.

Panda, N M and Mishra, B 2000. Employment in private hotel enterprise of Nagaland. *The Indian Journal of Labour Economics*. 43 (4): 977-989.

Passah, P M 2000. First and second generation economic reforms in India: Impact on the poor and the backward sections of society. 83rd *Indian Economic Conference Volume*. 404-408.

Srivastav, N 2000. Survey of research in economics in North East India (1970-1990). New Delhi: Regency Publication,

Thrust Area of Research: Economics of Agriculture, Economics of Rural Development, Econometrics, Economics of Health, Economic of Education and Manpower, Economics of the North-Eastern Region, Economics of Energy and Transport, Quantitative Economics, Industrial Economics, Monetary Economics, Public Economics, Regional Planning, Urban Economics.

Research Programmes/ Projects:

Dr. A C Dubey: (i) Completed the Project "Indian Civil Aviation for the Future: Structure, Policy, Regulation and Infrastructure (with Subir Gokarn and Laveesh Bhandary), National Council of Applied Economic Research, New Delhi (submitted to Confederation of Indian Industry, New Delhi, 2000). (ii) Incidence of Unemployment and Child Labour in North-Eastern States sponsored by the V V Giri National Labour Institute, NOIDA. The duration of the project was four months with budget of Rs.60,000/- (iii) Socioeconomic and Environmental Impact Assessment of Coal Mining Activities in Jainta Hills District of Meghalaya (with Meghalaya State Pollution Control Board) sponsored by the Central Pollution Control Board. The duration of the project is two years and budgeted amount is Rs, 9,00,000/-.

Other Activities:

S K Mishra: Attended VIIIth Refresher Course in Economics conducted by the Academic Staff College, Gauhati University, Guwahati on 22nd and 23rd December 2000 as a Resource Person and delivered lectures on "Econometrics". Worked as Co-ordinator for preparing the Self-Study Report of the University for National Assessment and Accreditation Council. The Report was submitted to the NAAC, Bangalore in June 2000.

M Lalwani: Acted as the Director, World Bank Funded Five-Day Training Programme on Environmental Economics under the auspices of the Union Ministry of Forests and Environment, New Delhi, and the EETCPN Programme of the Institute of the Economic Growth, Delhi in Shillong during 26-30 June 2000, and delivered talks on "Valuation of Resources :A talk on Hedonic Pricing Principle" and "Livestock and Environment". Acted as the Resource Person to the UGC sponsored Refresher Course in Economics organised by the Department of economics, Gauhati University during February 2000 and delivered four lectures on the following two themes: "The Impact on FDI on the Behaviour of Domestic Savings/Interests in Selected Developing Economies", and "Technology Absorption in Indian Agriculture". Represented the State of Meghalaya as the Resource Person to deliver a talk on "Population Issues" during the one-day State Level Awareness Generation training on RCH Programme for the State Level functionaries of the Health Department on September 29th 2000. The programme had been co-sponsored by the Child In Need Institute and the National Institute of Health and Family Welfare, Shillong. Appointed as Member of the State Commission on Population vide the Meghalaya Government Notification.

P M Passah : Appointed as member of (1) The Meghalaya State Planning Board, (2) The

Meghalaya State Pollution Board and (3) The Meghalaya Land Acquisition Committee. Prof. Passah has also been elected the President of North East India Council for Social Science Research, Shillong.

E D Thomas: Acted as the Joint Director, World Bank Funded Five-Day Training Programme on Environmental Economics under the auspices of the Union Ministry of Forests and Environment, New Delhi, and the EETCPN Programme of the Institute of the Economic Growth, Delhi in Shillong during 26-30 June 2000. Appointed as Member of the Meghalaya Economic Development Council, Government of Meghalaya with effect from 19th January 2001.

The Department of Economics, NEHU, Shillong, has been identified as one of the second group of interested institutions towards implementation of the Environmental Economics Programme by the Government of India, Ministry of Environment and Forests. In this connection, the Department has been sanctioned a grant of Rs.2,50,000/- per year under the World Bank aided Environmental Economics Programme, of which, the third installment has been received.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Established in 1985, the Department holds the distinction of being the first in the country to offer a two-year integrated Master's degree in Library and Information Science(M.L.I.SC) that has been followed by other universities. The Department has also taken in its stride the task of improving the professional competence of the library and information personnel of the region in particular.

25 students passed out with Masters degree and one student submitted his Ph.D during the year.

Head : Veena Saraf

Faculty :

Professor : J C Binwal, M.A.(Kashi), MLISc (Delhi) Ph.D (Karn)
 Reader : Veena Saraf, MLISc (Delhi) Ph.D (NEHU)
 Lecturers : Moses M Naga, MLISc (NEHU)
 Bikika Laloo, MLISc (NEHU)

Student Intake:

a) Enrolment capacity	: 25				
b) Actual admission	: SC/ST	Gen	Male	Female	Total
MLISc	20	6	7	19	26
Ph.D	5	1	2	4	6

Courses Conducted: Compulsory Papers: Library and Society; Organisation of Knowledge (Theory) a. Classification b. Cataloguing; Organisation of Knowledge (Practice) a. Classifi-

cation b. Cataloguing; Information Services and Sources; Introduction to Information Technology; Library management; Organisation of Knowledge (Theory) a. Classification b. Cataloguing; Organisation of Knowledge (Practice) a. Classification b. Cataloguing; Programming and software packages; Job Diary, Viva Voce and Study Tour Report; Universe of Knowledge; Structure and Development; Library System Analysis and Elements of Statistical Methods; Information Users and their needs; Information Retrieval Techniques; Computer Applications in Library and Information Services; and Project Report/Dissertation on some current problems in Library and Information Science.

Optional Papers: (i) Information and Literature Sources in any one of the following (a) Humanities (b) Social Sciences (c) Natural Sciences (ii) (a) Information Systems and Services (b) Management of Information Systems.

Visiting Fellows:

Prof. A S Chandel, Dr. Y S Parmar University of Horticulture and Forestry, Solan joined as a Visiting Professor for two months w.e.f. 16.10.2000 to 16.12.2000 for teaching Computer Applications in Library and Information Science.

Prof. Laxman Rao visited the Department as eminent scholar and delivered a series of lectures from 23rd to 28th October 2000.

Prof. Krishan Kumar visited the Department as eminent scholar and delivered a series of lectures from 1st to 7th November 2000.

Mr. P K Mitra, Assistant Librarian, NEHU and Manoj Rana, Librarian, BBS College, Shillong served the Department as guest lecturers for two semesters.

Seminars/Conferences: (Attended)

Veena Saraf : Presented a paper on "End user searching of hyper- book : problems and implications" in a seminar on "Interpretation of Text: Text, Meaning and Interpretation" organised by CIEFL , Shillong w.e.f 18-20th October 2000.

Publications:

Binwal, J C 2000. Changing horizons of library and information science. In B Goswamee, ed. *Librarianship in Assam in the New millenium*. Guwahati, Guwahat Library Association, 1-7.

Rahman, M M and Binwal J C 2000. Use of libraries and information centres by scientists and technologists in Bangladesh. *Malaysian Journal of Library and Information Science* 5(2), 57-68.

Rahman, M M and Binwal J C 2000. Networking in Bangladesh. *Journal of Library and Information Science*. 25(2), 117-129.

Laloo, B 2000. Library and Information Science Education in Meghalaya. *ILA Bulletin*. 36(2), 47-51

Study Tour : The Department conducted the study tour to Delhi and Shimla from 20th February to 3rd March 2001 accompanied by Dr. Veena Saraf (Teacher Incharge) Manoj Rana and Lalmmachuana. The students visited various libraries in Delhi and submitted a report as part of their course.

Thrust Area of Research : Universe of Knowledge; Structure and Development; Computer Applications and Information Technology; Information Storage and Retrieval; Information Management and Users' Needs.

Other Activities:

Dr Veena Saraf: (i) was elected Vice President of Indian Association of Teachers of Library and Information Science (IATLIS) for the years 2000-2002.(ii) appointed as a panel member of Course Development Committee (CDC) Library and Information Science of UGC and attended the meetings in UGC w.e.f.10-13th December 2000 and 8-10th of January 2001.

SCHOOL OF HUMAN AND ENVIRONMENTAL SCIENCES

2000-2001 was one of the most fruitful year of the School with a number of students successfully completing M.Phil and Ph.D degrees. During this year, a number of projects were completed and others taken up by the faculty members in this School. The faculty members also participated in seminars and conferences within India as well as outside. The collaborative works with other institutions in India and outside have also continued smoothly and more of such ventures are expected in the near future. Some of the long standing problems of space for the faculty members and students of the School have been temporarily solved during this year following some of the departments moving to the Permanent Campus. It is also heartening to note that faculty members at all levels have been academically active in the year under report.

DEPARTMENT OF ANTHROPOLOGY

The Department was established in 1981 as the Department of Cultural Anthropology with just one teacher. Subsequently in 1983 it was renamed as the Department of Anthropology. In the last 15 years or so the Department has grown into a full fledged department with facilities for specialization in Social/Cultural and Physical/Biological streams and a broad orientation in other sub-disciplines like Prehistoric Archaeology, Paleo Anthropology and Linguistic Anthropology, Population genetics, and Human Growth and Nutrition.

Head: Dr. H Lamin

Faculty:

Professor : T B Subba, M.A., Ph.D. (N. Bengal)
Reader : H Lamin, M.A., Ph.D. (NEHU)
Lecturers : L Zehol, M.A., Ph.D. (NEHU)
V Pakyntein, M.A.(NEHU), M.Phil. (Delhi)
R Khongsdier, M.Sc., Ph.D. (NEHU)

Student intake:

(a) Enrolment capacity :	25				
(b) Actual Admission :	SC/ST	Genl.	Male/Female		Total
	17	8	8 17		25

Degree Awarded: Ph.D.

Sucheta Sen Choudhury, "Women's Participation in Bodo Movement." Supervisor: Prof T.B. Subba.

Courses Conducted: Cultural Anthropology, Palaeoanthropology, Ecological Anthropology, Indian Prehistoric Archaeology, Linguistic Anthropology, Anthropology of Northeast India, Biological Anthropology, Demography and Biostatistics, Human Genetics, Human Growth and Development, Human Ecology and Adaptation, Practical in Advanced Physical Anthropology- I, Anthropological Theories, Anthropological Methods, Anthropology in India, Social and Cultural Change, Development Anthropology, Medical Anthropology, Ethnicity and Anthropology, Population Biology, Dental Anthropology, Practical in Advanced Physical Anthropology-II, Fieldwork and Dissertation.

Seminars/Conferences : (Attended)

T B Subba: (i) International Conference on Forced Migration: Displacement, Human Rights and Conflict Resolution, organized jointly by Jadavpur University and Oxford University (April 20-22, 2000). Paper : "Anthropology, Human Rights and the Tibetans in India." Also chaired one of the sessions and was a member of the committee to draft resolutions. (ii) Displaced Persons in Asia, sponsored by the Indo-Dutch Programme on Alternatives in Development held at the Madras Institute of Development Studies, Chennai (March 2-4, 2001). Paper: "One or Many Paths: Coping with the Tibetan Refugees in India". (iii) Indigenous People: Trajectory of a Contemporary Concept in India, organized by Uppsala University, Uppsala, Sweden (April 7-9, 2000). Paper: "Indigenising the Limbus: Trajectory of a Nation divided into two states." (iv) National Seminar on Interpretation of Text, organised by CIEFL and Department of English, NEHU, Shillong (October 18-20, 2000). Papers "Following the Trail: Interpretation of Texts from Clifford Geertz to James Clifford", (v) Social Science Research Council (New York) workshop, organised by ICSSR-NERC, Shillong (November 22, 2000). Paper "The Identity Question in North East India".

H Lamin: (i) National Seminar on Insurgency in Northeast India, organized by Northeast India Social Science Congress (April 16-18, 2000). Paper: "Roots of Violence in Meghalaya." (ii) Seminar on Rites and Rituals, organized by the Directorate of Art and Culture, Government of Meghalaya (May 20, 2000). Paper: "Knia Lyngdoh in Jaintia Hills." (iii) Seminar on Protective Discrimination, organized by the Department of Anthropology, NEHU, Shillong (September 20-22, 2000). Paper: "Labang-Nongphyllut: Discrimination at National Border."

R Khongsdier : Workshop on Environment, Agriculture and Health: Development Strategies in Northeast India, organized by the Indian Statistical Institute, Calcutta, and Department of Anthropology, Gauhati University, Guwahati (March 23-24, 2001). Paper: "Education and Health in Northeast India: An Overview of the National Family Health Survey data-1992-93."

L Zehol: Seminar on Protective Discrimination, organized by the Department of Anthropology, NEHU, Shillong (September 20-22, 2000). Paper: "Tribal Women in the Northeast and Protective Discrimination."

Publications:

Khongsdier, R and Lama, R 2000. A genetic study of the Khyndriam of Meghalaya, North-east India. *Journal of Human Ecology*, 11:1-3.

Subba, T B 2000. Man-Environment Relationship in a Hill Village. In MK Bhasin and Veena Bhasin, eds. *Man-Environment Relationship*. Delhi: Kamala-Raj Enterprises, 73-78.

Zehol, L 2001. Prospect and Problems of Border Trade in North East India: Some Observation on Women's role. In G Das and RK Purkayastha, eds. *Border Trade*. New Delhi: Akansha Publications.

Project Report:

Prof. T B Subba : "Village India: Identification and Enhancement of India's Cultural Heritage" sponsored by the UNESCO and IGNC. Report submitted in May 2000.

Other Activities :

Professor T B Subba delivered a lecture on "Poverty and Environmental Degradation" on 12.1.2001 at the Meghalaya Administrative Training Institute, Shillong.

Professor Gopal Sarana, UGC Emeritus Fellow, delivered the Elwin Endowment Lectures organised by the Department on "The Human Nature : Anthropological Perspectives" from June 22 to 24, 2000.

Dr. L Zehol took the IV Semester students for their fieldwork training to Phek District of Nagaland during December 21, 2000 to January 19, 2001.

Thrust Area of Research: Socio-cultural and biological studies of the peoples of Northeast India.

CENTRE FOR ENVIRONMENTAL STUDIES

The Centre for Environmental Studies has been working for the promotion of scientific and environmental management of North-eastern India. In order to achieve this objective, the Centre undertakes programmes of teaching and research in the field of environmental science with a special focus on conservation of natural resources and protection of the fragile ecosystems of the region. The focus areas of research of the Centre have been environmental management, environmental impact assessment (EIA), biomass energy, conservation ecology, natural resource management, wastelands development, ecodevelopment and biodiversity. During the year under report, the Centre undertook research works in the fields of EIA and Community Forest Management through sponsored research projects. As a part of its teaching programme, a regular one-semester certificate course in Environmental Science is being run by the Centre. In collaboration with the Regional Centre, National Afforestation and Ecodevelopment Board, Shillong, the Centre organised a number of workshops and training programmes in the field of Joint Forest Management for the public and

government officials of the region.

Head : Dr. B K Tiwari

Faculty :

Reader : B K Tiwari, M.Sc. (Gorakh), Ph.D. (NEHU)
Lecturer : S K Barik, M.Sc. (Berham), Ph.D. (NEHU)

Courses Conducted : Certificate Course in Environmental Science.

Student Intake :

a) Enrolment capacity : 10
b) Actual admission :

SC/ST	Genl.	Male	Female	Total
9	1	3	7	10

Funds received from agencies other than NEHU/U.G.C.: Water and Power Consultancy Services (India) Limited, New Delhi : Rs. 2.40 lakh

Extension Lectures:

Name of the teacher: Dr. S K Barik (Lectures at Department of Library and Information Science, NEHU, Shillong)

Date	Topic
5.7.2000	Global Environmental Problems
6.7.2000	Biodiversity Conservation
8.7.2000	Global warming

Seminars /Workshops : (Organised)

Workshop on "Capacity Building for Strengthening Community Forest Management in Meghalaya" held in Shillong during 17-20 April, 2000 in collaboration with the Regional Centre, National Afforestation and Ecodevelopment Board, Shillong.

Workshop on "Microplanning for JFM in Mizoram" held in Aizawl during 25 - 27 April, 2000 in collaboration with the Regional Centre, National Afforestation and Ecodevelopment Board, Shillong.

Workshop on "Microplanning for JFM in Manipur" held in Imphal during 4-8 March, 2001 in collaboration with the Regional Centre, National Afforestation and Ecodevelopment Board, Shillong.

Attended:

Dr. B K Tiwari (i) Participated as a Resource Person in the Workshop on "Capacity building for Strengthening Community Forest Management in Meghalaya" held at Shillong during 17-20 April, 2000 and presented a paper entitled "Participatory Rural Appraisal for JFM in Meghalaya", (ii) Participated in the Workshop on "Extent and Status of Forest and Trees outside the Government Forest", held in Bhopal during 5-7 June, 2000, (iii) Participated as a Re-

source Person in the Workshop-cum-Training programme on "Forest Management" held at the Academic Staff College, Guwahati and delivered a talk on "Impact and Evaluation of Social Forestry with special reference to Assam" on 11 July, 2000, (iv) Participated in the International Workshop on "Shifting Cultivation for Sustainability and Resource Conservation in Asia" held at the International Institute for Rural Reconstruction, Manila, Philippines during 14-27 August, 2000 and presented a paper on "Shifting Cultivation in North-East India", (v) Presented a paper on "Forest and Forest People of North-East India" at the "National Workshop on Campaign Strategy" held in Patna during 16 -17 September, 2000, (vi) Participated in the Shillong Project Stakeholder Group Workshop on "Shillong Urban Environment Sanitation Services Improvement Project" held in Shillong on 10 October, 2000, (vii) Participated as a Resource Person in the Workshop on "Public Participation in Environmental Management" held at Shillong during 13-15 November, 2000 and presented a paper entitled "Conservation of Biodiversity in North-East India", (viii) Participated as a Resource Person in the Workshop on "Microplanning for JFM in Manipur" held in Imphal during 4-8 March, 2001 and presented a paper entitled "Participatory Rural Appraisal for JFM in Manipur".

Dr. S K Barik (i) Participated as a Resource Person in the Workshop on "Capacity building for Strengthening Community Forest Management in Meghalaya" held at Shillong during 17-20 April, 2000 and presented a paper entitled "The Concept and Practice of Microplanning for Community forestry in Meghalaya", (ii) Participated as a Resource Person in the Workshop on "Microplanning for JFM in Mizoram" held at Aizawl during 25 - 27 April, 2000 and presented a paper on "Concept of JFM and its Prospects in North-East India", (iii) Participated as a Resource Person in the Workshop-cum-Training programme on "Forest Management" held at Academic Staff College, Guwahati and delivered a talk on "Evaluation and Monitoring of Forestry Projects" on 11 July, 2000, (iv) Participated in the LEAD-India National Session held in New Delhi during 16 - 21 October, 2000 and presented an approach paper on "Sustainability of Community Forest Management Systems in Meghalaya: A critical Analysis", (v) Participated in the LEAD - International Session on "Sustainable Community Development: A Challenge for Governance and Resource Management" held at Lahore University of Management Sciences, Lahore, Pakistan during 20 February - 3 March, 2001 and presented a concept paper on "Sustainable Forest Management in North-East India: An Ecological Perspective".

Publications :

Goswami, M Barik, S K and Haridasan, K 1999. Germination Behaviour of *Calamus flagellum* Seeds, *Arunachal Forest News* 17: 29-33.

Barik, S K and Tiwari, B K 1999. Environmental Impact Assessment of Limestone Mining Project. In S K Gupta, R K Datta, S N Datta, K P Singh and N K Sarkar eds. *Proceedings of National Conference on Pollution, Man and Environment*. Shillong: Shillong College Academic Society. 217-231.

Tiwari, B K Tripathi, R S and Barik, S K 2000. Ecological and Economic Assessment of Joint Forest Management Programme in Tripura. In N H Ravindranath, K S Murali and K C Malhotra eds. *Joint Forest Management and Community Forestry in India: An Ecological and Institu-*

tional Assessment. New Delhi: Oxford and IBH Publications. 233-248.

Tiwari, B K 2000. Non-Timber Forest Produce of North-East India, *Journal of Human Ecology* 10: 445-455.

Mohapatra, A C Barik, S K and Rao, C S 2000. *Man and Environment*. 2nd Revised and Enlarged Edition. Shillong: Star Publishing House.

Research Programmes : On going

Impact of human disturbances on buffer zone ecosystem of Nokrek Biosphere Reserve. Ministry of Environment and Forests, Govt. of India, New Delhi (in collaboration with Department of Botany, NEHU).

Completed During 2000 - 2001:

1. Ecology and Regeneration of Rattans in Arunachal Pradesh, ICFRE, Dehradun (in collaboration with State Forest Research Institute, Itanagar). 2. Ecological studies for Lower Subansiri (Gerukamukh), Middle Dehang and Upper Dehang Dam Projects in Arunachal Pradesh, Water and Power Consultancy Services (India) Limited, New Delhi. 3. Studies on Community Forest Management Systems in Meghalaya, Department for International Development (DFID, UK), New Delhi. 4. Survey of Quantification of Man Power and Financial Resources in R & D in Science and Technology from Higher Education Sector, DST, New Delhi (in collaboration with Gauhati University).

Other Activities : In collaboration with the Regional Centre, National Afforestation and Ecodevelopment Board, the Centre regularly organises a number of extension programmes in all the seven north-eastern states for the village communities, forest officers and NGOs in order to develop their skill in forest and natural resource management.

DEPARTMENT OF GEOGRAPHY

The Department of Geography was established in June 1976 in the School of Environmental Sciences (now, the School of Human and Environmental Sciences). Twenty-three batches of MA/MSc graduates (approx. 460) have passed out. The department has also been offering research degrees leading to M.Phil and Ph.D., right from the very inception. Nearly 85 M.Phil and 36 Ph.D. candidates have been awarded. During the relevant year, 10 new M.Phil and 10 Ph.D. degrees were registered along with nearly 45 ongoing Ph.D. registered candidates in the department. During the year six Ph.Ds and six M.Phil candidates were awarded and 5 M.Phil candidates have submitted their theses. The department has also carried out a large number of major and minor research projects, numbering about 7 (on going).

Head : Prof. A C Mohapatra

Faculty :

- Professors: R K Rai, M.Sc.Ph.D.(Sagar)
 A C Mohapatra, M.A. and M.Phil.(J.N.U.), Ph.D. (NEHU)
 R Gopalakrishnan, MA(Madras), M.Phil & Ph.D (JNU)
- Readers: Ali Ahmad, MA (Alig.), Ph.D.(JNU)
 S Singh, MA, Ph.D. (Meerut)
 B S Mipun, M.A (JNU), Ph.D.(NEHU)
 D K Nayak, M.A., M.Phil., Ph.D. (JNU)
 Z H Qureshi, MA, Ph.D.(Sukh.)
- Lecturers: P G Momin, MA(JNU), M.Phil (NEHU)- SG
 H J Syiemlieh, M.A., M.Phil, Ph.D (NEHU)
 L Cajee, M.Sc., M.Phil (NEHU)

Student intake :

Enrolment capacity :

MA/M.Sc.	:	32
M.Phil	:	20
Ph.D.	:	15

Actual admissions :	SC/ST	Gen.	Male	Female	Total
MA/M.Sc.	29	3	18	14	32
M.Phil	6	4	6	4	10
Ph.D.	4	6	7	3	10

Degrees Awarded: M.Phil.

R Lalrinmawia, "Regional Disparity in Mizoram", supervisor : Prof. A C Mohapatra & Dr.B S Butola.

D Borgohain, "A Geographical Perspective on the Impact of Floods on the Agricultural Land Use in the Brahmaputra Valley", supervisor : Prof. R Gopalakrishnan.

Mainu Goswami, "Female Work Participation in Agriculture of the Tiwa Tribe in Morigaon District of Assam", supervisor : Dr.B S Mipun.

Namita Shyam, "Participation of Women in Economic Activities in Selected Tea Gardens of Jorhat District of Assam", supervisor : Dr.B S Mipun.

D Bhattacharjee, "Ecological Potential and Spatial Distribution of Socio-Cultural Groups in Barak Valley", supervisor : Dr.D K Nayak.

B Tinzalel Gangte, "Intertribal Difference in Population Growth in Manipur: A Socio-geographic Analysis", supervisor : Dr.D K Nayak.

Ph.D.

D D Nengnong, "Rural-Urban Migration in Meghalaya", supervisors : Professor A C Mohapatra

and Dr.D K Nayak.

R K Das Choudhury, "Man Power Planning and Economic Development in Arunachal Pradesh" supervisor : Dr.B S Butola .

Charles Romalsawma, "Socio-economic implications of border trade in Mizoram: A geographical Analysis", Supervisor : Dr.B S Mipun.

Jayant K Barua, "Geomorphic Study of Lower Subansiri Basin, Assam", Supervisor : Prof.R K Rai.

S K Sharma, "Geo-Environmental Impact Assessment of Coal-Mining in Lodna Area of Jharia Coal Fields", supervisor : Prof.R K Rai.

Deepak C Das, "Agricultural Land Use and Productivity Pattern in Lower Brahmaputra Valley (1970-71 and 1994-95)", Supervisor : Dr.B S Mipun.

Courses Conducted : MA/M.Sc (I & II semester) 11 courses, (III and IV semesters) 14 courses (including optionals) and M.Phil level 7 courses were offered by the department.

Publications :

Mohapatra, A C "Urban Poverty and the Small Towns : A case study of Tura town of Meghalaya", *North Eastern Geographer*, Vol.29, Nos.1&2, 1998, pp.60-67.

Mohapatra, A C "Status of Environment in the North-East", Majid Husain and R.Sahu (Ed.) *North East India in Transition*, Rima Publ., New Delhi, 1998.

Mohapatra, A C "Rural Poverty and the Vicious Cycle in the Northeast region", *The Indian Geographical Journal*, Vol.73, No.1, Pp.16-23 (1998)

Mohapatra, A C "Valuing the River", *Transactions* Vol 21(1), Jan 1999, pp.17-22.

Nayak, D K " Spatial Distribution of Tribal Population and Inter-Tribal Differences in Population Growth- A study in Tribal Demography of the North-East" in B. Datta Ray ed. *Population, Poverty and Environment in North-East India*, Concept, New Delhi, 2000.

Mipun, B S "Social Impact of Village Groupings in Mizoram" *Hill Geographer*, Vol. 15 (1999), No. 1&2 Published by the Geographical Society of North Eastern Hill Region, Shillong, 2000.

Mipun, B S "Application of Remote Sensing and GIS in Detecting Shifting Cultivation Areas of Garo Hills" in *Environment Resources and Development*, Published by the Geographical Society, Department of Geography, NEHU, Shillong, 2001.

Qureshi, Z H "The Nature of Border and Trade of Northeast India", in *Border Trade: North-east India and Neighbouring Countries* (ed) G.Das and R.K.Purakayastha, Akansha Publ

House, New Delhi, 2000, pp.130-142.

Rai, R K and Syiemlieh H J " Structural Controls in the Evolution of Drainage in Umran Basin, Meghalaya", *Hill Geographer* Vol 15 (1999) pp.14-10.

Rai, R K 2001. "Geomorphic characteristics of Umiyam Basin, Meghalaya" (with M Agarwal) Published in the volume *Environment, Resources and Development* edited by R K Rai et al. and published by the Geographical Society of North-Eastern Hill Region India, Shillong .

Rai, R K and Syiemlieh, H J Structural controls in the evolution of Drainage in Umran Basin, Meghalaya. *Hill Geographer* volume 5 numbers 1 and 2, 1999.

Mohapatra, A C *Caring the Uncared-for*, Star Publishing House, Shillong, 2000

Mohapatra, A C *Man and Environment*, (Revised and Enlarged 2nd Ed), Star Publishing House, Shillong, 2000

Gopalakrishnan, R *Assam- Land and People*, Omsons, New Delhi, 2000.

Gopalakrishnan, R et al (Ed), *Voluntary Organisations and Sustainable Rural Development in Meghalaya*, Regency, New Delhi, 2001.

Rai, R K, Singh, S, Mipun, B S and Nayak, D K (ed.), *Environment Resources and Development*", Published by the Geographical Society, Department of Geography, NEHU, Shillong, 2001.

Seminars/ Conferences : (Attended)

A C Mohapatra "The Structure of Urban Poverty", paper presented at the 32nd Regional Science Conference Dec.17-18 2000, Calcutta. Chaired a session of the Conference.

B S Mipun, (i) 29th International Geographical Congress, IGC Organising Committee representing Korean Geographical Society in collaboration with the International Geographical Union, Seoul, Korea, August 14 - 18, 2000. (chaired a session) Paper presented "The Village Grouping and Socio-economic Transformation in Mizoram, India". (ii) 9th National Geographical Conference, University of Rajshahi, Bangladesh, 24-26, Nov. 2000. Paper presented "Socio-economic Implication of Border Trade in Mizoram, India". (iii) XXIIth Indian Geography Congress, National Association of Geographers, India (NAGI) Department of Geography, Karnatak University, Dharwad, 22-24 Dec. 2000. Paper presented "Population Pressure and Changing Pattern of Agricultural Production in Lower Brahmaputra Valley". (iv) National Workshop on "Biodiversity and Indigenous Knowledge" held at Miao, Arunachal Pradesh, organised by the North Eastern Biodiversity Research Cell, North-Eastern Hill University, Shillong, 13 - 14th March, 2001. (Moderator)

D K Nayak, (i) Workshop on "Philosophical and Methodological Issues in Geographical Studies and Research" Department of Geography, Gauhati University, March 31-April 2 , 2000. (attended as a Resource Person) Paper presented " Research Organization, Quanti-

tative and qualitative Presentation, Illustration and Documentation and Referencing". (ii) International Conference of the 9th National Geographical Conference, University of Rajshahi, Bangladesh, 24-26, Nov. 2000. Paper presented " Socio-economic Impact of Umiyam Hydel Project, Meghalaya, India". (iii) XXII Indian Geography Congress, National Association of Geographers, India (NAGI) Department of Geography, Karnatak University, Dharwad, 22-24 Dec. 2000. Paper presented "Natural Differentiation and Social Differentiation: A Study of Ecological Potential and Distribution of Socio-Cultural Groups in Barak Valley of Assam". (iv) Workshop on "Environment, Agriculture and Health : Strategies for Human Development in North-East India" Indian Statistical Institute and Department of Anthropology, Gauhati University, Guwahati, 23-24 March, 2001. Paper presented "Disease, Health and Health Care in Meghalaya: A Geographical perspective".

Zahid Husain, presented paper on "Strategy for food and nutrition security of Northeast India" in the seminar on Food and Food Security of Northeast India organised by NEICSSR, Sept 26, 2000, Shillong.

R K Rai (i) attended 29th International Geographical Union Conference at Seoul, Korea from August 14-18, 2000 and presented two papers. "Geomorphic characteristics of Umiyam Basin, Meghalaya" and "Environmental aspects of mining in Meghalaya". Also presented one paper at NEICSSR Shillong on June 5-6, 2000 "Coal Mining and Environmental degradation in Jaintia Hills". (ii) Invited as Visiting Professor by the Department of Geography, Manipur University, Imphal from July 16 to August 3, 2000.

Other Activities:

Study Tours/ Field Works: The department organised as part of the curricula two study tours/ field visits, (a) IInd Semester students to Western Ghat (Dec 16- Jan 11, 2001) under the guidance of Dr.B S Mipun and Dr.D K Nayak. (b) The fourth semester students went for field work in two villages of Viarante sub-division of Aizawl district of Mizoram under supervision of L Cajee and Dr.H J Syiemlieh. Other teachers who participated are Dr.B S Mipun, and Dr.Z H Qureshi.

A C Mohapatra (a) Invited for lecture at Meghalaya Administrative Training Institute on "Human Development in North East Region", January 2000. (b) Invited Lecture on "Climate Change" at the workshop on Environmental Economics, World Bank and NEHU, July 2000.

Dr.S Singh and Dr.H J Syiemlieh visited Department of Geomorphology and Hydrology, Krakow (Poland) under Indo-Polish Joint Programme (DST-KBN) in October, 2000.

L Cajee attended a Training Programme on "Global Positioning System and its Application in GIS" Nov.13-17, 2000 at IIRS, Dehradun.

P G Momin participated in the National Biodiversity Conservation Strategy Action Plan (NBSAP) and organised 8 Public Awareness and public hearing camps at West Garo Hills w.e.f. July 2000 to Feb 25, 2001 as the coordinator in different jhum villages.

Dr. B S Mipun conducted NSS programme of the "World Environment Day" on 5th June 2000 at Mawlai NEHU Campus.

SCHOOL OF HUMANITIES AND EDUCATION

The School of Humanities and Education in the North-Eastern Hill University Shillong comprised of eight departments English, Garo, Hindi, Khasi, Mizo, Linguistics, Philosophy and Education. The Centre for Supportive Learning Systems with its three units : Unit for Adult and Continuing Education, Unit for Distance Education and Unit for Science Education is also within the School. Among the Literature/Language departments Garo, Hindi and Mizo are fledgelings of the School but within the short period that they have been in existence they have assisted in accessing the young generation to the rich and varied culture of the country. The departments of English, Khasi, Philosophy and Education have sucessfully guided approximately 200 M.Phil and Ph.D research students. The Faculty in these departments have brought recognition to the University through their individual research. Within the School we have faculty who have received Commonwealth Fellowship, Fulbright Fellowship as well as the Indira Gandhi Priyadarshini award and the Bharat Gaurav award. The faculty within the School have contributed their expertise to national institutions and State Governments.

Within the School one hundred and sixteen students are NET awardees.

The individual units within the Centre for Supportive Learning Systems through their extension work have brought Education to remote areas of the North-Eastern part of the country.

The School of Humanities and Education teaches innovative courses on Environment Education, Folk-lore of North Eastern India, Tribal Culture and Tribal Religion, Descriptive Grammar of the Tibeto-Burman and Austro-Asiatic Languages of North-Eastern India, Women's Writing, Indian Literature in Translation etc.

DEPARTMENT OF ENGLISH AIZAWL

The Department was established in 1979 with one Lecturer, and is at present functioning with one Reader and one Lecturer, and four Guest Lecturers. The Maximum capacity of the Department is 25 seats, and this has become increasingly inadequate to meet the growing demand for admissions, both from within the State and outside as well. Besides maintaining a consistently good academic record, the department has actively participated and won awards in numerous extra curricular activities.

Head : Dr. Margaret Ch Zama

Faculty :

Reader : Margaret Ch Zama, M.A., Ph.D. (NEHU)
Lecturer : Lamhmingthangi Ralte, M.A., Ph.D. (NEHU)

Student Intake :

a) Enrolment capacity : 25

b) Actual admission : SC/ST Genl. Male/Female Total
31 - 9 22 31

Courses Conducted : Poetry-II, Fiction-II, Drama-II, Environment and Indian Writing in English. Shakespeare, Drama-III, Literary Theory and Criticism-III, Option B American Literature-II.

Seminars/Conferences (Attended) :

Dr. Margaret Ch Zama presented a paper titled, "Folktales : A Mizo Perspective", at the Annual Conference of North-East Writers Forum held at Itanagar, March 8-10, 2001.

Thrust Area of Research : Fiction, Applied Linguistics and Comparative Studies of other Literatures with that of Mizo.

DEPARTMENT OF ENGLISH SHILLONG

During the year under review a total of 50 candidates were admitted to the M.A. First Semester. Five students were admitted into the Ph.D. Course. Twelve of our students qualified the UGC Net Examinations.

Head : Professor (Mrs) T Ao

Faculty :

Professors : Noorul Hasan, M.A. (Alld.), Ph.D. (Manchester)
Emmanuel N Lall, M.A. (Patna), Ph.D. (Southern Illinois)
T Ao, M.A. (Gau.), Ph.D. (NEHU)
R P Sharma, M.A., Ph.D. (Bihar)
Reader : K C Baral, M.A. (Utkal), Ph.D. (NEHU)
S N Singh, M.A., Ph.D. (Magadh)
Lecturers : N Syiem, M.A. (NEHU), M.Phil. (Delhi)
E Syiem, M.A. (Delhi), Ph.D. (NEHU)
Ng. Robin Singh, M.A. (NEHU)
N Ganguly, M.A. (NEHU)

Student Intake :

a) Enrolment capacity : 45-50

b) Actual admission	:	SC/ST/Genl.	Male/Female	Total
		39 11	15 35	50

Degree Awarded : Ph.D.

Rebecca Lalrintluangi, "Emily Dickinson and Christina Rossetti : The Rhetoric of Ambivalence". Supervisor Prof. E.N. Lall.

Desmond Leslie Kharmawphlang, "Aspects of Khasi Folk Literature". Supervisor Prof. N. Hasan.

Sukalpa Bhattacharjee, "Between the Post-Colonial and the Post-Modern : The Possibilities of a Fourth World Literature". Supervisor Prof. E.N. Lall.

Sarangadhar Baral, "A Swirl in the Void : A Study of Gary Snyder's Poetry". Supervisor Prof. E.N. Lall.

Courses Conducted : Poetry I, Fiction I, Drama I, Literary Theory and Criticism I. Poetry III, Fiction III, Literary Theory and Criticism II. Contemporary Criticism, European Literature, Modern Poetry and Modern Fiction.

Optionals : World Literature in Translation/American Literature I/II Commonwealth Literature and Women's Writing.

Seminars/Conferences : (Organised)

Collaborated with CIEFL, Regional Centre Shillong in organising a National seminar on Interpretation of Texts, 28-29 September, 2000.

Attended

T Ao. : (i) Participated in the National Seminar on "Interpretation of Texts : Text, Interpretation and Meaning" and chaired a session. (ii) Participated as Resource Person in the Video Script Development Workshop for Filmmakers from the North East organised by IGNOU at Delhi, November 1 & 2, 2000. (iii) Participated in the Indian Folklore Congress organised by Guru Nanak Dev University, Amritsar, December 11, 2001 and presented a paper entitled "Folklore and Social Reality : Some Ao-Naga Examples". (iv) Delivered a Lecture to the participants in the Modular Training Workshop organised by Programme of Folklore Research and Archive, Shillong on 21.3.2001 on Verbal Art. (v) Delivered a lecture in the Refresher Course organised by Khasi Department, Shillong on 23.3.2001. (vi) Participated in the Festival of North- Eastern Poetry Ensemble 2001 organised by Sahitya Akademi, Shillong Poetry Society, Centre for Cultural and Creative Studies, NEHU and Pahariya, March 30 and 31, 2001. Chaired a session on 30.3.2001 and read own poems in 2 sessions.

E N Lall : (i) Lectured as Resource Person at a Refresher Course in the Department of History, NEHU in the month of August 2000 and in the Department of Khasi, NEHU in the

month of March 2001. (ii) Was invited to chair a poetry reading session on March 30, 2001 at the Festival of North Eastern Poetry Ensemble 2001 sponsored by Sahitya Akademi, Shillong Poetry Society and Centre for Cultural and Creative Studies (NEHU).

Publications :

Sharma, R P 2000 "The Politics of English Education in India" *Dialogue*, 2,2. No. 2, October-December 2000.

Sharma, R P (1) *Critical Asides : Musings on Language, Literature and Life*, Shillong : NEHU Publications. (2) Mayangnokcha : *The Pathfinder*, in collaboration with Ngangshikokba Ao, Mokokchung : Mayangnokcha Award Trust.

Study Tour/Field Trips : The 3rd semester students visited Bangalore, Mysore and Goa for a period of 16 days with effect from 11.1.2001 under the supervision of Ms. N Ganguly.

Thrust Area of Research : Modern Literature

Other Activities : Prof. Valerie Miner visited the Department, on 17th April 2000 and delivered a series of lectures. A workshop was also held on 19th April, 2000.

DEPARTMENT OF ENGLISH TURA

The Department of English of Tura Campus under the School of Humanities and Education was established in the year 1996. Since then, it has been offering M.A. programme and rendering valuable services to the aspiring students of this region. The department offers specialisation in contemporary Indian Fiction in Translation with the specific aim of familiarising the students with diverse Indian literature and culture.

Head : Dr. (Mrs) C K Naik

Faculty :

Professor : S Ganguly, M.A. (Delhi), Ph.D. (Ranchi)
Reader : C K Naik, M.A. (Utkal), Ph.D. (NEHU)
Lecturers : K C Joseph, M.A. (Patna), Ph.D. (NEHU)
S Gurudev, M.A., Ph.D. (NEHU)

Student Intake :

a) Enrolment capacity : 25

b) Actual admission : SC/ST/Genl. Male/Female Total
18 7 9 16 25

Courses Conducted : Poetry I, Fiction I, Drama I, Literary Theory and Criticism I, Poetry II,

Fiction II, Drama II, Environment and Indian Writing in English, Poetry III, Fiction III, Literary Theory and Criticism II, Shakespeare, Drama III, Literary Theory and Criticism III.
Optionals : World Literature in Translation, Contemporary Indian Fiction in Translation.

Seminars/Conferences (Attended) :

S Ganguly presented a paper entitled "Rivers in the Eyes of Litterateurs" at the National Seminar on Rivers and Culture in North East India, organised by the Department of Garo and IGRMS, during 28-29 September, 2000.

C K Naik (i) presented a paper entitled "Mapping India's History and Culture : The Brahmaputra Valley and its Rivers" at the National Seminar on Rivers and Culture in North East India with particular reference to the Garo Hills of Meghalaya, organised by IGRMS and the Department of Garo, NEHU, Tura Campus during 28-29 September, 2000. (ii) presented a paper entitled "Breaking the Silence : The Journey from Subjection to Selfhood in Mariama Ba's So Long a letter" at the National Seminar on 'Interpretation of Texts', organised by the CIEFL, Regional Centre, Shillong in collaboration with Department of English, NEHU, Shillong, during 18-20 October, 2000.

S Gurudev presented a paper entitled "Rivers and Literature" at the National Seminar on "Rivers and culture in North East India" during 28-29 September, 2000.

Publications :

Naik, C K 2000. Rural India in Transition : A Study of Kamala Markandaya's Nectar in a Sieve. In Manmohan K. Bhatnagar and M. Rajeshwar ed. *Indian Writings in English*, New Delhi : Atlantic Publishers. P. 127-138.

Naik, C K 2000. "The Critical Sutra" Review of Literary Theory : *Indian Conceptual Framework* by Kapil Kapoor, University News, 38 (14) : 25-26.

Thrust area of research : Indian Writing in English, Fiction.

DEPARTMENT OF EDUCATION AIZAWL

The Department began functioning from 1980 with a One-Year M.Ed. Programme and switched over to a Two-Year M.A. (Education) Programme beginning with 1986 academic session.

Head : Dr. P K Gupta

Faculty :

Professor	: K P Nath, M.A.,Ph.D. (Gau.)
Readers	: R S Wangu, M.A.,Ph.D. (Panj)
	P K Gupta, M.Sc. (Delhi), Ph.D. (Meerut)
	R P Vadhera, M.A.,Ph.D.(Kuruk)
Lecturers	: B D Chinara, M.A.,Ph.D. (Panj)
	Laibiakdiki, M.A. (NEHU)

Student Intake :

a) Enrolment capacity :	M.A.- 20,	Ph.D.- 8			
b) Actual admission :	SC/ST	Genl	Male/Female	Total	
	M.A.	20	-	3	17
	Ph.D.	7	1	2	6
					8

Degrees awarded : Ph.D.

Hmar Vanlalhruii : A Study of Socio-Psychological factors of the dropouts (13 to 18 years) in relation to Drug Abuse in Mizoram. Supervisor : Dr. R.S. Wangu.

Courses Conducted :

Advanced Philosophy of Education, Advanced Psychology of Education, Research Methodology and Statistics, Curriculum Development and Instruction. Educational Management and Change, Advanced Sociology of Education, Educational Testing and Evaluation, Environmental Education. Educational Technology, Educational Systems in Comparative Perspective, Economics of Education, Education of Creative and Gifted. Laboratory Practicals, Higher Education in India, Early Childhood Education, Education of disabled and Backward.

Seminars/Conferences :(Attended)

P K Gupta attended the orientation programme of secondary school teachers in Mathematics organised by SCERT, Aizawl as resource person and delivered a lecture on the topic "Educational Objectives in Mathematics" on 28th September, 2000.

Laibiakdiki Hnamte participated as a resource person in a Refresher Course for Craft Teacher held at Aizawl Club, Aizawl on 26 March 2001.

Publications :

Gupta, P K : Economics of Education : An Emerging Field of Study. Silver Jubilee Souvenir of Mizoram Hindi Teacher's Training College, Aizawl, March 2001.

Thrust Area of Research : 1. Educational Psychology. 2. Educational Testing. 3. Pre-School Education. 4. Christianity and Education.

Other Activities :

Dr. B D Chinara went to Mumbai to attend UGC sponsored Refresher Course in Education being organised by P.V.D.T. College of Education for Women from 27th March 2001.

The Department organised a guest lecture on 21st March 2001 which was delivered by Dr. S P Ahluwalia, Rtd. Professor, Head and Dean Faculty of Education, Sagar University - Sagar on the topic "Concept of Education and Teacher". All the faculty members and students participated in the programme.

DEPARTMENT OF EDUCATION SHILLONG

The department which was established in the year 1976, was offering courses for the degree of M.Ed. which involved teaching for two semesters. From the year 1982 - 83, M.Ed. course was discontinued and M. A. Education is being offered. This course involves teaching for four semesters. Also, the department offers M. Phil and Ph.D. programmes in Education. With the re-organisation of schools in the University, the department has been placed under the School of Humanities and Education. The department has successfully organised ten UGC sponsored Refresher Courses in Education for the College and University teachers. The department has been carrying two Research Projects sponsored by agencies like UGC, NCERT and NCTE.

Head : Prof. M S Padma

Faculty :

Professors : P P Gokulanathan, M.A.,Ph.D. (Gau)
 K S Lyngdoh., M.A.(Gau), Ph. D. (Bda)
 M S Padma, M.Ed. (B.lore), Ph.D. (Bda)
 R Bhattacharjee, M. A.(Gau.) Ph.D.(NEHU)

Readers : P K Ganguli, M.Ed.,Ph.D. (Bda)
 A Henia., M.A.(Gau), Ph.D.(JNU)

Lecturers : K M Warjri, M. Ed.,Ph.D. (NEHU)
 S M Sungoh, M.A.,Ph.D. (NEHU)
 C Nongbri, M. A.,Ph.D. (NEHU)

Student Intake:

(a) Enrolment Capacity: M. A. 30

(b) Actual admission :	SC/ST	Genl	Male/Female	Total
M.A.	18	2	-	20
				20

Degree Awarded : M. Phil.

Brilliant Nongrum, "Contribution of St. Anthony's Secondary School to the Development of Education in Pynursla Community Development Block, Meghalaya- A case study. Supervisor : Dr. S.M. Sungoh.

Promar Lyngdoh "A study on the Development of Technical Education with special reference

to the Role played by Shillong Polytechnic, Shillong." Supervisor : Dr. C. Nongbri.

Ph.D.

Lalsangliani, "A study of the Progress of Secondary Education in Mizoram in the Post- Independence Period: Curricular, Organisational and Financial Aspects." Supervisor : Professor R. Bhattacharjee.

Courses Conducted : Advanced Philosophy of Education, Advanced Psychology of Education, Research Methodology and Statistics in Education, Curriculum Development and Instruction. Educational Management & Change, Advanced Sociology of Education, Educational Testing and Evaluation, Environmental Education. Educational Technology, Educational System in a Comparative Perspective, Early Childhood Education, Teacher Education. Laboratory Practical, Higher Education in India, Educational Guidance & Counselling, Methods of Teaching at Tertiary Level.

Seminars/Conferences (Attended) :

R Bhattacharjee (i) Participated as the Coordinator for the UGC sponsored workshop on Environmental Education held at Deptt. of Education, NEHU, Shillong, 28th-29th June, 2000. (ii) Participated in the 10th Annual conference of the North East India Education Society at Pragjyotish College, Guwahati held on 7-8th September, 2000. Chaired one academic session. (iii) Participated as a Resource Person in a UGC sponsored seminar on Education for Tribal Development at Barama College, Assam, held on 11-12th November, 2000.

P K Ganguli participated in a workshop on Status and Experiment in Basic Education organised by Omeo Kumar Das Institute of Social Change and Development at Guwahati on 28-30th November, 2000. Presented a paper on measurement of Adult Literacy: An Approach

P P Gokulanathan, delivered special address on 'the problems of tribal areas -an educational approach for their development' in the "National Seminar on Education for Tribal Development with special reference to North East India" held at Barama College, Assam, 11-12 November, 2000.

A Henia (i) Presented a paper entitled 'Youth and peace education in the North East India in the Tenth Annual Conference of the NEIES held at Pragjyotish College, Guwahati, held on 7-8th September, 2000. (ii) Presented a joint paper with Prof. K.S.Lyngdoh entitled 'Contribution of missionaries towards development of education in Jaintia Hills areas of Meghalaya' in the Prof. B Pakem commemoration seminar on Environment, Land and People of Jaintia Hills, Meghalaya, held on 5th June, 2000 at Shillong organised by NEICSSR. (iii) Presented a paper entitled 'Women Empowerment and Basic Education in the North East regional workshop held at Guwahati 28-30th November, 2000, organised by O.K.D. Institute of Social Change and Development. (iv) Presented a paper entitled 'Information Technology Education for societies in the New Millenium' in the International Conference on Asia Pacific and the Global Order, October, 2000, New Delhi, organised by ICSSR in collaboration with other agencies.

K S Lyngdoh (i) Presented a paper 'Secondary Education of the Future - A development perspective with special reference to tribal dominated areas' - National Conference on 'Capacity Building' from 14th to 16th February, 2001 at NIEPA, New Delhi. (ii) Presented a joint paper with A.Henia entitled 'Contribution of Missionaries towards Development of Education in Jaintia Hills areas of Meghalaya in the Prof. B.Pakem commemoration seminar on Environment, Land and People of Jaintia Hills, Meghalaya held on 5th June, 2000 at Shillong, organised by NEICSSR.

C Nongbri (i) Presented a paper on "Youth and Role of Education with special reference to North East" in the 10th Annual Conference of NEIES held at Pragjyotish College, Guwahati, 7-8th September, 2000. (ii) Presented a paper in the Seminar on "Women, peace and Development with special reference to Meghalaya" organised by ICSSR, NERC, Shillong on 21-10-2000 on "Education as Agent of Peace & Development- Role of Women in Society with special reference to Meghalaya. (iii) Presented a paper in the UGC sponsored Seminar on Education for Tribal Development with special reference to North East India organised by Barama College, Assam, 11-12th November, 2000 on "Education for Tribal Development special reference to Meghalaya. (iv) Participated and organised a Symposium on Environmental Awareness held at College of Teacher Education (PGT), Shillong on 15th November, 2000. (v) Participated in a Workshop on 'Women with different types of problems' organised by North-East India Education Society at College of teacher Education (PGT), Shillong on 27th November, 2000. (vi) Presented a paper in the Workshop on Status and Experiment in Basic Education organised by Omeo Kumar Das Institute of Social Change and Development at Guwahati on 28- 30th November, 2000 on "Status report of Basic Education in Meghalaya". (vii) Presented a paper entitled "Role of Women teachers in eliminating child labour" in the Women's Network Seminar organised by the All Meghalaya Primary Teachers Association, Shillong 12-15th December, 2000 at Don Bosco Youth Centre, Shillong.

S M Sungoh (i) Participated and presented a paper on "Criteria for sustainable development, an asset to the youth" at the 10th Annual Conference of North-East India Education Society held at Pragjyotish College, Guwahati, 7-8th September, 2000. (ii) Organised a Symposium on Environmental Awareness held at College of teacher Education (PGT), Shillong and presented a paper on "Environmental Education" on 15th November, 2000.

Publications :

Bhattacharjee, R & Paul Sumana, 2000. A study of Job Satisfaction of Secondary School Teacher of Cachar district of Assam, *Journal of North East India Education Society*, Vol VIII: 12-17.

Bhattacharjee, R and Sudhir, M. A, 2000. *Environmental Education: Strategies for Introduction*. Shillong: NEHU Publications

Gokulanathan, P P, 2000. *Environmental Education (A NE India Development Perspective)* Shillong: NEHU Publications.

Gokulanathan, P P, 2000. Environmental Education for Sustainable Development. In P.P.Gokulanathan, ed. *Environmental Education*. Shillong: NEHU Publications, 129-133.

Gokulanathan, P P and Dkhar Ruby, 2000. Influence of Education on Certain Social Attitudes of Khasi Women in Meghalaya, *Journal of North East India Education Society*, Vol VII: 8-11.

Henia, A 2000. Environmental Education for Healthy Living. In P.P. Gokulanathan, ed. *Environmental Education- A North East India Development Perspective*, Shillong: NEHU Publication, 26-33.

Henia, A 2000. Mental Impairments in relation to Learning Disabilities. In K. Sengupta, R K Purkyastha and D N Pandey . eds. *Human Disabilities- Challenges for their Rehabilitation*. New Delhi:Reliance Publishing House, 159-166.

Henia, A 2000. Quality Improvement in University Education in North-East India, *Journal of North East India Education Society*, Vol VII: 18-20.

Nongbri, C 2000. Teaching Skills and the Primary Curriculum in Meghalaya, *Journal of North East India Education Society*, Vol VII: 30-33.

Nongbri, C 2000. Women and Rural Development with special reference to Meghalaya, Proceedings of *Journal of North East India Education Society*-A combined volume of 8th and 9th Annual Conference, 49-52.

Sungoh, S 2000: Teacher as Problem Solver, *Journal of North East India Education Society*, Vol VII: 24-28.

Thrust Area of Research : (a) Educational Systems in North Eastern Region
(b)Environmental Education.

Research Programmes/Projects :

Prof. P P Gokulanathan, - Consultant in the NCERT funded project entitled State Studies in School Education for Meghalaya.

Prof. R Bhattacharjee with Dr. C Nongbri as an associate- NCTE sponsored project on Recruitment of Teachers in Schools in North East India"

DEPARTMENT OF GARO

The Department established in 1996 has made pioneering progress in developing critical studies of poetry, prose, drama and grammar of the language. Collection of folklore materials, and studies of various traditional ceremonies and related subjects are regular

activities of the Department.

Head : Prof. Caroline R Marak

Faculty :

Professors : Caroline R Marak, M.A. (Gau), Ph.D. (NEHU)
S N Goswami, M.A., Ph.D. (Cal.)
Lecturers : Fameline K Marak, M.A. (NEHU)
Jacqueline R Marak, M.A. (Utkal)

Student Intake :

a) Enrolment capacity : 25
b) Actual admission : SC/ST Genl Male/Female Total
25 - 16 9 25

Funds received from agencies other than NEHU/UGC. :

1. Lalit Kala Akademi, Regional Centre, Calcutta.
2. Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal.

Courses Conducted : History of Garo Literature and Language, Poetry I, Drama I, Fiction I. Linguistics I, Poetry II, Drama II, Prose I. Lit. Theory and Criticism, Modern Poetry, Environmental Science and Epic Poetry, Linguistics II. Literature in Translation, Garo Folklore, Tragedy as a Literary Form, Indian Literature in English.

Seminars/Conferences (Organised) :

Workshop on Garo Traditional Sculptor's Workshop, held at Tura sponsored by the Lalit Kala Akademi, Regional Centre, Calcutta, Sept. 20-26, 2000.

Seminar on Rivers and Culture of the North-East India, with particular reference to Garo Hills, sponsored by Indira Gandhi Rashtriya Manasa Sangrahalaya, Bhopal, Sept. 28-29, 2000.

Extension Lecture on Folklore by Dr. Desmond Kharmawphlang, PROFRA, NEHU, on 11th Sept. 2000.

Attended :

C R Marak presented a paper titled Some Aspects of Garo Culture in the Brahmaputra Valley in the Conference on Brahmaputra Civilisation held at Tura organised by the Brahmaputra Civilisation Research Society on Oct. 20-22, 2000.

C R Marak contributed a paper titled Garo Culture in the Brahmaputra Valley in the Seminar on Rivers and Culture of North East India with particular Reference to Garo Hills, held at Tura, 28-29 Sept. 2000.

J R Marak read her paper "River Dareng and its Contribution to the Economy" in the Seminar on Rivers and Culture of North East India with particular Reference to Garo Hills, held at

Tura, 28-29 Sept. 2000.

F K Marak read a paper on "Myths and Legends of the Ildek River" in the Seminar on Rivers and Culture of North East India with particular Reference to Garo Hills, 28-29 Sept. 2000.

S N Goswami contributed a paper on Linguistics Analysis of the Place Names of Assam in the Seminar on Rivers and Culture of North East India with particular Reference to Garo Hills, 28-29 Sept. 2000.

Study Tour/Field Trips : Study tour to Siju, South Garo Hills, to study Chugan, a post-funeral ceremony, 17-21 Oct. 2000. Mrs. J.R. Marak accompanied the students in the tour.

Thrust Area of Research : On Garo dialects, traditional and oral literature, and folk epic.

Other Activities :

(1) Prof. C R Marak, Ruga Dialect, funded by Maulana Abul Kalam Azad Institute of Asian Studies, Calcutta. (2) Sengjang N. Sangma, Human Movement from Bangladesh to Garo Hills, funded by Maulana Abul Kalam Azad Institute of Asian Studies, Calcutta.

The Department has organised an association called A.Chik - Mande Students Literary Forum in order to encourage original writings in Garo by students of the Department.

Video recording of Katta Agana, epic poetry sung by Arjenath R. Sangma, videotaped by PROFRA, NEHU, and the Department of Garo, on 11 and 12 Sept. 2000.

DEPARTMENT OF HINDI

The Department of Hindi, established in 1996, has been offering regular classes at M. A. level since its inception and attracting students from almost all the states of North-Eastern India. Keeping in mind the broader concept of Hindi literature and language, the Department wants to create awareness among the students in relation to the socio-cultural development of the region. The gradual increase in the number of students in the Department is a testimony to the popularity of the subject and its utility and relevance in the North-Eastern region.

The Department is planning to start M.Phil and Ph.D. programmes as well as other research activities in the field of Hindi literature and language along with comprehensive and comparative study of Hindi and other regional languages of North-Eastern India in the near future.

Head : Dr. M P Pandey, Teacher-in-charge.

Faculty :

Lecturer : M P Pandey, M.A.,Ph.D.(Kashi V)

Student Intake :

(a) Enrolment capacity	: 30				
(b) Actual Admission	: SC/ST	Genl.	Male/Female	Total	
	3	26	6 23	29	

Courses Conducted : Aadhunik Kavita (Chhayavad Tak) aur Paryavaran Parak Kavya, Hindi Gadya-Natak aur Nibandh, Hindi Sahitya Ka Itihas-one, Bhartiya Kavya Shastra (I). Chhayavadottar Kavita, Hindi Gadya : Upanyas aur Kahani , Hindi Sahitya Ka Itihas(II) (Ritikal aur Aadhunik Kal), Bharatiya Kavya Shastra & Smiksha Sidhant. Aadikalin Kavya, Paschatya Samikshha Sidhant, Bhasha Vigyan Ke Sidhanta, Bhakti Kavya, Special Paper :Premchand, Ritikavya, Hindi Bhasha Ka Vikash, Hindi Nivandh Rachana

Seminar/Conferences (Organised) :

Organized a seminar with collaboration of "Aakashawani Ki Purvottar Sewa" (A.I.R.) Shil-long center, to celebrate "Hindi Diwas Ki Swarna Jayanti" on 28th September'2000, in the Seminar Hall, NEHU, on the topic "Purvottar Bharat main Hindi : Dasha aur Disha", in which scholars took part from all over North-Eastern States.

Visiting Professor/Visiting Fellow/Guest Lecturer:

(a) Prof. S K Mishra	Visiting Professor	Up to 2.3.2001
(b) Prof. N Singh	Visiting Fellow	1.5.2000 to 30.6.2000
(c) Dr. L D Gautam	Visiting Fellow	1.4.2000 to 30.6.2000
(d) Dr. (Mrs.) A R Tripathi	Guest Lecturer	9.11.2000 to 23.12.2000
(e) Dr. (Mrs.) S Shrivastva	Guest Lecturer	16.10.2000 to end of semester

DEPARTMENT OF KHASI

The Khasi Department celebrated its 19th anniversary on the 29th September 2000. The year under report was a very eventful year for the Department. First of all, the University authorities undertook major repairs on the building which housed the Department. This was done in order to provide proper space for classrooms, office rooms and teachers' room in the Department. The Department also organized social work in the month of May to clean up the internals and the surroundings of the building.

With regard to academic activities, the Department conducted poetry writing competition and a debate for M.A. students. It also conducted successfully one UGC-Sponsored Refresher Course in the month of March 2001.

Head : Dr. B War.

Faculty :

Professor : B L Swer, M.A.(Gau.), Ph.D. (NEHU)
 Readers : M B Jyrwa, M.A. (Gau.), Ph.D. (NEHU)
 B War, M.A.(NEHU), M.A. (Delhi), Ph.D.(London)
 Lecturers : S Dkhar, M.A.(NEHU), Ph.D. (NEHU)
 A Kharmalki, M.A.(NEHU), M.A.(Delhi), Ph.D. (NEHU)

Student Intake:

(a) Enrolment Capacity : M.A. 33

M. Phil 8

(b) Actual admission : SC/ST Male/Female Total

M.A. 33 10 23 33

M.Phil. 8 5 3 8

Degrees Awarded: M. Phil.

Lung Sing Kharbuli - "Biblical elements in Khasi (1948-1975)". Supervisor: Dr. B War.

Olisha Warjri - "Adverbs in Khasi". Supervisor: Dr. B War.

Bina Lyngkhai - "E. W. Dkhar's Ki Siej Khongpong: A Critical Study". Supervisor: Prof. B L Swer.

Banrilin Snaitang - "Youth in Khasi Drama". Supervisor: Prof. B L Swer.

Bernadeth Kharlyngdoh - "The Concept of Kur Among the Khasis". Supervisor: Dr. S Dkhar.

Nidaiah Biam - "The Element of Prophecy in Soso Tham's Poetry". Supervisor: Dr. S Dkhar.

Sarabha Kharbangar - "Ka Shad Pomblang Nongkrem and its Religious Significance". Supervisor: Dr. S Dkhar.

Courses Conducted : Linguistics I, Khasi Poetry I, Khasi Literary Criticism, Khasi Fiction I, Linguistics II, Khasi Drama I, Literary Theory and Criticism, Khasi Poetry II, Linguistics III, Literature in Translation, Khasi Drama II, Culture and Khasi Literature I, Linguistics IV, Khasi Fiction II, Culture and Khasi Literature II, Environmental Awareness in Literature and Khasi Poetry III. Folkloristics, Research Methodology, Poetic Themes and Techniques.

Seminars/Conferences (Organised):

The Department organized a one-day seminar on "Teaching Khasi at the Secondary School Level" on the 29th September 2001. A seminar on Khasi language entitled "Languages May Tell Their History" was also organized on the 31st May 2000.

Attended:

Prof. B.L. Swer presented a paper on "A Glimpse of Khasi Literature Today" in the Seminar on the Growth and Development of Khasi and Garo Languages organized by the Department of Art and Culture, Government of Meghalaya, from 1st to 15th May, 2000.

B. War presented a paper on "Growth and Development of Khasi Language: A Linguistic Perspective" in the Seminar on the Growth and Development of Khasi and Garo Languages organized by the Department of Art and Culture, Government of Meghalaya, from 1st to 15th May, 2000.

M. B. Jyrwa presented a paper on "Khasi Literary Criticism" in the Seminar on the Growth and Development of Khasi and Garo Languages organized by the Department of Art and Culture, Government of Meghalaya, from 1st to 15th May, 2000.

B War and Dr. M B Jyrwa attended a workshop on the theme "From Field Work to Public Domain" organized by the National Folklore Support Centre from 1st to 15th May 2000 and presented papers entitled "Documentation of Khasi Traditions" and "A Glimpse of Body Lore in Khasi" respectively.

S Dkhar translated a poem "Meghalaya Ba Pynshoh Biej" in a workshop on translation organized by the Department of Art and Culture, Government of Meghalaya. She also read four of her poems in A Festival of North Eastern Poetry organized by the Sahitya Akademi in collaboration with Shillong Poetry Society, Centre for Creative Arts, NEHU, on the 30-31st March 2001.

Visiting Fellows:

Dr. J S Shangpliang

Mr. S S Majaw

Publications:

War, B 2000. Ki Sawa Bad Ki Dur Kyntien Jong Ka Ktien Khasi. Shillong : Ri Lum Printing Press.

War, B 2001. Ki Buit Thaw Ba Kongsan Ha Ki Sngi Barim U Hyniew Trep. Shillong : Ri Khasi Press.

Jyrwa, M B 2001. U Kyrwoh Ka Kolshor. Shillong : Mang Computers.

Dkhar, S 2000. Na Khriang Ka Dohnud.. Shillong : ES ES Plus.

Study Tour/Field Trips : The Department undertook a study tour for M.A. students to Daithlen on the 8th April 2000 in connection with Courses XII and XV on Khasi Culture.

Thrust Areas of Research: Khasi Linguistics, Literature, Culture and Folkloristics.

DEPARTMENT OF LINGUISTICS

Still working within the constraints of only two faculty members, the Department of Linguistics has nonetheless achieved much in terms of results. Five more students have qualified for NET, bringing the total to sixteen (the highest in the country for Linguistics). This year five students were placed in First Class. The first scholar was awarded a Ph.D. in this comparatively young department. The objective of the department is to train students in linguistic studies. This includes understanding the complexities of human language; the interface of language with other human activities and processes; and analysing a language at the levels of phonology, morphology, syntax, semantics and discourse. The department has produced M.A. dissertations on Garo, Narein, Sociolinguistics, and the present semester-IV students are working on Karbi. A few ex-students are working on their own languages in other universities for their M.Phil and Ph.D; Four have registered for Ph.D. in this Department.

Head : Professor Juanita War

Faculty :

Professor : Juanita War, M.A. (Delhi), Ph.D. (Edin)
Reader : R Sachdeva, M.A., Ph.D. (Pune)
Lecturer : Saralyn A Lyngdoh, M.A. (NEHU) (on contract)

Student Intake :

a) Enrolment capacity : 30
b) Actual admission :

SC/ST	Genl.	Male	Female	Total
30	-	13	17	30

Degrees Awarded :

Ph.D. : Tarun Kumari Bamon (Linguistics Deptt.) "The Perceptions and Attitudes of Teachers and Students towards the teaching and learning of English as a Second Language at the Undergraduate level in the College of Shillong". Supervisor : Prof. Juanita War.

Courses Conducted : Introduction to Linguistics, Morphology, Syntax-I, Phonetics and Phonology. Semantics (Part I), Linguistics and Environment (Part II), Sociolinguistics, Psycholinguistics, Syntax II. Generative Phonology, Historical and Comparative Linguistics, South Asia as a Linguistics Area with special reference to North-East India, Language Teaching and Testing. Structure of Tibeto-Burman/Austro-Asiatic. Languages, Field methods (including compulsory dissertation), Language Acquisition, Discourse Analysis.

Seminars/Conferences :

J War gave lectures on Stylistics in the Refresher Course in Khasi Department NEHU, 21st and 22nd March, 2001.

Visiting Fellows :

1. Dr. L Chhangte, Linguistic Consultant.
2. Prof. E Annamalai, Ex-Director of CIIL in Mysore, April, 2000.
3. Dr. K S Nagaraja, Deccan College, Pune, May, 2000.

Thrust Area of Research : 2000 : Sociolinguistics in Shillong.
2001 : (Tibeto-Burman Karbi)

Research Programmes/Projects : Multilingualism and linguistic diversity in Shillong.

DEPARTMENT OF MIZO

The Department of Mizo, NEHU, Mizoram Campus was started from the academic year of 1997-98, and it was inaugurated by Prof. B. Pakem, the then Vice-Chancellor of NEHU on 6th August 1997. The first batch of 18 students passed out in 1999. The first regular teacher, Dr. Laltluangliana Kiangte joined the Department as Reader on 8th February 1999. Out of the second batch of 23 students in 2000, four students secured First Division and 16 students passed in Second Division.

Head : Dr. Laltluangliana Kiangte

Faculty :

Reader : Laltluangliana Kiangte, M.A., Ph.D. (NEHU)
Lecturers : Six Guest Lecturers are drawn from different institutions.

Student Intake :

a) Enrolment capacity	: 35			
b) Actual admission	: SC/ST	Male/Female	Total	
	35	19 16	35	

Courses Conducted : Mizo Poetry - Survey of Development and Selected Poems; Prose-I-Survey of Development of Mizo Prose and Selected Mizo Essays, History of Mizo Language and Literature. Prose II : Survey of Development of Mizo Fiction and Selected Short Stories. Drama-II-Mizo Drama (Five Plays); Poetry-II-Mizo Poetry (Selected nine poets and their 21 poems), Modern English Literature (An Anthology of poems, critical essays etc.)

Seminars/Conferences (Attended) :

Dr. Laltluangliana Kiangte (i) Acted as a Resource Person in a Community Writers' Workshop held at Guwahati, April 1 - 4, 2000 as organised by the National Museum of Mankind, Hqrs. Bhopal. (ii) Presented a paper on Inheritance Rights of Women in Mizo Society in the Meet On Property Rights organised by the National Institute of Public Co-operation and Child Development, Ministry of HRD Govt. of India at Guwahati on 27 - 30 June, 2000.

(iii) Presented a paper on Technique of Writing Good Plays in a Writers' Workshop on 15th September 2000 organised by the Mizo Academy of Letters, Lunglei and Art and Culture Department, Government of Mizoram. (iv) Presented a paper on Play writing and its technique in the Writers' Consultation programme organised by Art and Culture Department of Mizoram on October 2 - 4, 2000. (v) Acted as a Resource Person in the Translation Workshop on November 1-7, 2000 organised by the National Book Trust, held at Gangtok, Sikkim.

Publications :

Khiangte, Lalitluangliana. Liangkhaia Lungphun (2000/Mizo) Biography of a pioneering theologian, scholar, writer, poet, pastor and historian, P.402, Hard Bound, LTL Publications.

Khiangte, Lalitluangliana. The Golden Lines (Feb-2001/English) *An anthology of English poems and prose pieces*, LTL Publications, Aizawl, Mizoram.

Khiangte, Lalitluangliana. Chantual Ennawm-I (March-2001/Mizo) *A collection of 8 short plays*, LTL Publications, Aizawl, Mizoram.

Khiangte, Lalitluangliana. An anthology of Mizo Literature (2001/English) National Sahitya Akademi Publication, New Delhi.

Khiangte, Lalitluangliana. Edited Vanglai Hlimthla (2000/Mizo) Ruby Jubilee Souvenir of Christian Youth. BKTP Publication, Aizawl, Mizoram.

Study Tour/Field Trips : Students of first and third semester visited Memorial Stone of Sibuta located at Tachhip and other historical places.

Thrust Area of Research : Mizo Poetry and Folk-Literature.

Other Activities : Mizo Department became the over all champion in the Inter-Department Sports Meets of Mizoram Campus, NEHU for the second time in March 2001. Students recorded Radio play, Tualvungi and Zawlpala written by Dr. Khiangte, which was broadcast in Aizawl Station of All India Radio. The Department, in collaboration with Higher and Technical Education, Government of Mizoram is preparing to organise Refresher Course for teachers of Mizo Department. With the request and initiative of Dr. Khiangte, the National Sahitya Akademi published Mizo Literary Special in the January and February issue of Indian Literature (No.201), where the translated version of a good number of Mizo poems, along with two research papers written in English were contributed by the Head of Mizo Department in that special issue.

DEPARTMENT OF PHILOSOPHY

The Department of Philosophy, a unit of the School of Humanities and Education came into existence in 1974. The same year it started its M.A. programme. The M.Phil programme was introduced in 1979.

The Department aims at developing logical and analytical ability of students to critically reflect on issues that confront them. Both in teaching and research we give special attention to areas which help the students to achieve and authentic awareness of their own culture and tradition in the context of what is usually known as Indian and Western philosophy. It has done extremely well in conducting research in the fields of tribal culture and tribal religion. Some of our students have successfully managed to publish their dissertations in these fields.

Head : Professor S Miri

Faculty :

Professors : Mrinal Miri, M.A. (Delhi), Ph.D. (Cambridge) Actg. Vice-Chancellor

Sujata Miri, M.A., Ph.D. (Delhi)

N Malla, M.A. (Utkal), Ph.D. (IIT Kanpur)*

Readers: C R Agera, M.A. (Madr.), Ph.D. (Delhi)

Jagat Pal, M.A. (Alld.), Ph.D. (IIT Kanpur)

S C Daniel, M.A. (Ann.), Ph.D. (NEHU)

Lecturers : X P Mao, M.A. (NEHU), M.Litt. (Sydney)*

E R Tongper, M.A., Ph.D. (NEHU)

L Lenka, M.A. (Utkal), Ph.D. (Hyd.)

(* under suspension)

Student Intake :

a) Enrolment capacity : 50

b) Actual admission	: SC/ST/Genl.	Male/Female	Total
	02 37 11	17 33	50

Degrees awarded : M.Phil :

(i) Shallindro R Marak. (ii) Supriya Mohapatra.

Ph.D.

Mridul Kanti Kodak, "Gandhi's Concept of Social Justice". Supervisor : Dr. S C Daniel.

Kalpita Kar, "Concept of Causality with special reference to David Hume". Supervisor : Dr. S C Daniel.

Monalisa Dey, "The Absolute : A Study in the Neo-Vedanta of Vivekananda". Supervisor : Dr. C R Agera.

H V L Ringa, "A Critique of Contemporary materialism". Supervisor : Dr. S C Daniel.
B P Tripathi, "Mind-Body Dualism : A Contemporary Materialism". Supervisor : Prof. S Miri.
J P Sharma, "Foundations of Knowledge : A Critique of Physicalism". Supervisor : Dr. S C Daniel.

Krishan S Charak, "The Rationality of Religious Belief : A Contemporary Perspective". Supervisor : Dr. S C Daniel.

Courses Conducted : Philosophy of M K Gandhi, Indian Metaphysics, Symbolic Logic, Moral Philosophy-I and Environmental Ethics. Philosophy of Religion, Moral Philosophy-II, Indian Logic and Epistemology, Descartes and Modern Philosophy. Later Philosophy of Wittgenstein, Philosophy of Culture (Comp.), Plato, Indian Philosophy of Language, Aristotle, Analytical Philosophy (Optls.). Contemporary Issues in Indian Society (Comp.), Kant, Applied Ethics, Speech Act Semantics, Pancadasi, Philosophy of Natural Sciences.

Seminars/Conferences : Organised.

The Department organised a Symposium on 1.11.2000. The topic chosen was "Who Am I?". Akoljam thobisana, M.A. Previous year student, Shimanta Bhattacharyya, Final Year student, Grace Darling and Ramengliana, Research Scholars, presented papers. Their perspectives were different and the discussion that followed the presentation was lively and exciting.

Attended:

S Miri : (i) Visited Touro Law Centre, New York and gave a series of lectures on Tribal Environmentalism along with an exhibition of her paintings from 8-15 September, 2000. (ii) Attended the Indian Folklore Congress at Amritsar and presented a paper on "Ideology and Modes of Knowing", December 11-13, 2000. (iii) Visited IIT, Gauhati & gave a series of lectures on "Tradition & Modernity" 21st March 2001.

S C Daniel : (i) Attended a N.E.I.H.A. Conference at Imphal, Manipur in November, 2000 and presented a paper on 'Theory of Progressivism in the Philosophies of History of Hegel, Marx and Sri Aurobindo. (ii) Attended a Central Institute of English and Foreign Languages Seminar, Shillong and presented a paper on 'Kant's Concept of Co-existence : A Hermeneutic Exploration', December 2000.

Jagat Pal: Presented a paper entitled "Some reflections on the writing of history" in NEIHA Conference at Imphal, Nov. 2000.

C R Agera : Attended and gave an Extension Lecture : Keynote Address, "Values and Public Life" at the commencement of the Scholastic Year on 31st July, 2000 of the Oriens Theological College, Shillong.

Visiting Professors/Fellows : during the year, the Department was fortunate to have two Speakers from abroad namely, (1) Geraldine Hobson who spoke on "J.P. Mills" and, (2) Dr. James Weldon who talked to the students and teachers on "Art of Living".

Publications :

Pal, Jagat "Dilemma of Dharma, Indian Philosophical Quarterly. Vol.XXVII, Nos. 1 & 2, April, 2000.

Pal, Jagat "Fundamentalism and Secularism : The Buddhist Way Out, Philosophy and the Life World". Journal of Vidyasagar University, March, 2001.

Lenka, L "Certesian Privacy and Autara Bhasa". Journal of Indian Council of Philosophical Research, Vol. XVII, No.3, May-August, 2000, pp.81-98.

Daniel, S C 2000. "Philosophy of History : Traditional Modern Views". Proceedings of North-East India History Associations, 20th Session.

Daniel, S C 2000. "Gandhi's Concept of Higher Education". Gandhi Marg, Vol.22. No.2.

Other Activities :

The Department holds Seminars every Wednesday and Research Scholars also meet fortnightly and discuss their research work.

Two Research Scholars, namely, Grace Zirsangliani and Siby K.G. have qualified for ICPR Fellowships.

K Thanreigam, M.A. student has qualified for JRF (UGC).

Siby K.G. was awarded 1st Prize on Suryanarayan Sastri Essay Competition in the Platinum Jubilee Session of the Indian Philosophical Congress, New Delhi, held on December 2000 to January 01, 2001. The topic chosen was "Can Human Beings be Moral without Govt".

The teachers of the Department alongwith some members of the Board of Under Graduate Studies in Philosophy successfully prepared reading material for the Course titled. Social and Political Philosophy, for the Under Graduate Students.

Jagat Pal - lectured as resource person at Refresher Course on "logic & philosophy", organised by department of Philosophy, Cotton College, Gauhati in July 2000.

CENTRE FOR SUPPORTIVE LEARNING SYSTEMS

The Unit for Adult and Continuing Education is a part of the Centre for Supportive Learning Systems, NEHU established in 1974 is engaged in numerous activities not only in the three States of Meghalaya, Mizoram and Nagaland but also in the other North Eastern States as well with a view to bring about a meaningful and closer link between the University

and the people of this region. The primary objective of the Unit is to create awareness on important issues at the grass root level with particular reference to overall and diverse learning needs of all segments of the people of the community and sensitize community leaders, administrators, political leaders and elders on issues relating to Adult literacy, Income generation, Status of women and Women studies, Skill Improvement Activities, Population Education, Consumer Protection. Besides, the Unit is also extending academic support in the development of teaching and learning materials pertaining to societal needs. It also organizes programmes in collaboration with other sister departments of the University and also with State Government departments and other organizations both at the State and National level. The Unit has also re-started regular teaching courses in the form of Diploma and Certificate Courses since 1997.

Head : Professor M C Pandey

Faculty :

Professors : M C Pandey, M.Sc. (Ranchi), Ph.D.(Minn.)
M M Singh, M.A.,Ph.D. (Kuruk)
B Lyndem (Laso), Ph.D. (NEHU)
Lecturers : E Jyrwa, M.A.,Ph.D. (NEHU)
I Lall, M.A. (Patna), M.S. (S.Illinois)

Courses Conducted :

- a. Diploma Course on Adult Education.
- b. Certificate course on Adult Education.
- c. Short duration Certificate course on Adult Education.
- d. Short duration Certificate Course on Population Education .
- e. Short duration certificate course on Consumer protection .

Current Activities :

Literacy Programme :

Keeping in view the aims and objectives of the National Literacy Mission for the eradication of illiteracy in the State of Meghalaya, the Centre is involved in mobilizing people's participation in the literacy programme. The Centre has also established J.S.N. as post literacy programmes. As of now 6 J.S.N have been opened - 2 in Meghalaya, 2 in Mizoram and 2 in Nagaland.

Population Education Resource Centre : (PERC)

Adolescence Education

Conducted adolescence education activity in Silchar Woman College in May 2000 in collaboration with the Dean, School of Life Sciences Assam University Silchar. 78 students attended the programme.

Essay Writing

March to April 2000

Topic "One billion Indians the road ahead - Challenges or opportunities " ?. 10- colleges

were invited to write the essay. Miss, Vandhana Singh PGTC essay was judged as satisfactory. She was awarded Rs 500/- as consolation prize.

Training in Counselling

A programme on training on counselling was organised on May 23, 2000. The participants were colleges teachers, voluntary organisation and students. Lectures were delivered on Technique in counselling by Miss. E. Achume Kripa foundation, basic principles of counselling by Father Cilia Don Bosco Youth Centre and on Adolescent Education by Prof. M.C.Pandey and Mrs. M.M.Syngai.

Cartoon Contest

Organized for the School students of Class VIII - XII in the Northeast on Population issues. Date - August 7 to August 15, 2000.

International Poster Competition

Organized for college students in the Northeast on population issues. The Posters are sent directly to the UNFPA Office, New Delhi. Date - August 7 to August 30, 2000.

Distribution of Reading Material

- All PERCs - Adult and Continuing Education - series VI January to July 2000.
- College in Meghalaya and Mizoram PERC, Series - XII.
- Participants of training programme in Arunachal Pradesh, Manipur and Silchar.

Material Development. (PERC)

PERC Series - XII .Population and Environment edited by B.S.Langstieh.

PERC, Series - XIII. Tobacco and Alcohol edited by M.C.Pandey. The folder has been distributed to SRC, Shillong, Voluntary organization (SSSS) Shillong and Women's organization Shillong. It was distributed to smokers that were found smoking cigarette on the road during Anti Tobacco Campaign on March 31, 2000.

Extension Lecture (PERC)

- April 10, 2000 Population and Environment / Resources- Arunachal University, Doimukh (Itanagar) by Prof. M.C.Pandey and Dr. K.K.Dwivedi, Vice-Chancellor Arunachal University.
- June 5, 2000 World Environment Day - M.C.Pandey
- July 11, 2000 World Population Day - M.C.Pandey

Extension Lectures : (CACE)

Date	Topic	Speaker	Venue	Organized by
05.06.00	Peoples participation in Environmental Conservation	J. Mawthoh	Nongtalang Jaintia Hills	NamRhen Association
03.05.00	Role of youth in Nation			
03.06.00	Building	J. Mawthoh	Pine Mount	Meghalaya Bharat Scouts and

18.09.00 Peoples participation in J. Mawthoh Nongkasen
Environmental Conservation W.K.Hills

Guides
Youth Dev.
and Human
Society

Seminars/Workshops (Attended) :

B. Lyndem (Laso) - Resource person for the "Women in Leadership Programmes" organised by World Vision, Shillong 23rd Jan, 2001.

E Jyrwa (i) one day seminar on "Democratic movements in Meghalaya" organized by the NERC-ICSSR, Shillong and sponsored by the SOFCAR at Yalana Hotel, Shillong on February 28, 2000 and presented a paper on 'Democratic Movement in Khasi hills'. (ii) one day workshop on "Autonomous District Council - Panchayati Raj Institution, people's participation and development perspective, organised by the Voluntary Health Association Meghalaya in collaboration with the NEICSSR and sponsored by the COPART at DonBosco Youth Centre, Shillong on March 27, 2000 and presented a paper on ' The sixth schedule and the 73rd Constitution Amendment Act with reference to the Khasi Hills Autonomous District Council. (iii) Seminar on "Environment, Land and people of Jaintia hills, Meghalaya" organised by the NEICSSR at DonBosco Youth Centre on June 5 - 6, 2000 and presented a paper on 'Formation of the Jaintia Hills Autonomous District Council'.

I Lall, attended National Workshop on Adult Education organised by Osmania University on April 1 - 2, 2000 and presented a paper on 'People's participation in development : literacy campaign in Ri Bhoi District in Meghalaya. - I Lall.

Organised

I Lall, organised a workshop on 'Counselling' for College teachers at the Centre for Adult and Continuing Education, NEHU on May 23, 2000.- I Lall.

Publications :

Jyrwa, E " Solid Waste Management - a study of a Hill Town Shillong in Meghalaya", *Journal of the North East India Council for Social Science Research* (Vol.24.No.2), October 2000, PP 42-47.

Pandey, M C and E Jyrwa, "Population and Constitution of India", *Indian journal of Population Education*, New Delhi No. 11, dated December 2000, PP.45-53.

Lali, Isabella "Some thoughts on Continuing Education", *SRC News* No.C-1, July 2000.

Pandey, M C and Isabella Lali, "Adult Education Programme - An Historical perspective : Special emphasis on literacy campaign", NEIHA Conference 2000.

Mylliemngap , W Article on 'Adult Education : Definition and Historical perspective' in *Population and Environment* published by CACE, NEHU, Shillong , May 2000.

SCHOOL OF LIFE SCIENCES

The School of Life Sciences presently consists of four departments namely, Biochemistry, Botany, Forestry and Zoology. This School is an active centre for post-graduate teaching and research in frontier areas of Biology. The major thrust areas of research activities include Immunology, Endocrinology, Reproductive Physiology, Limnology, Genetics, Forestry, Enzymology, Medical Biochemistry, Radiation Biology, Carcinogenesis, Nitrogen Fixation, Ecology of Forest Ecosystem, Biodiversity, Microbial Genetics, Plant Physiology and Biotechnology.

The Departments under the School have well qualified faculty members, actively involved in teaching and research, many of whom have international reputation and collaborative research programmes with international research groups. They have won wide acclaim in their areas of research and have received several awards. The departments of Botany and Zoology are currently being supported by UGC under the Special Assistance Programme (SAP) and COSIST. The Departments of Biochemistry, Botany and Zoology have all been given support from DST under FIST (Fund for Infrastructure in Science & Technology) programme to the tune of approximately Rs.150 lakhs. They have also attracted research funds to the tune of Rs.72 lakhs, in addition to the support from UGC to the tune of Rs.1.5 crore to the Departments of Botany and Zoology under SAP/COSIST programmes.

DEPARTMENT OF BOTANY

The Department of Botany was established in 1974. Since its inception, the Department has been conducting teaching and research in priority areas of regional and national importance. Forest Biology is the thrust area of research. During the past 27 years, the Department has made valuable contributions in different disciplines of Forest Biology. The Department is fulfilling the regional aspirations through its well developed teaching programme. The students passing out from the Department are occupying important positions in prestigious educational institutions and research organisations, both in the NE region and in the country.

The Department is covered under the Special Assistance Programme (SAP) of the U.G.C. The Department implemented phase II of the programme at the level of DSA(1995-2000). The UGC review committee recommended the continuance of the programme for a further period of five years at the level of DSA. The thrust areas(s)

identified by the UGC are: ecology, conservation and management of forests in North Eastern India, projecting the following task:- i. Ecology of forest ecosystems (including Microbial Ecology), ii. Genetic diversity of forest trees and molecular ecology and, iii. biology, bio-technology and conservation of rare and endangered species and unexploited plants of potential economic value. The Department has also been extended assistance by the UGC for strengthening infrastructure under Science & Technology Infrastructure Development Programme (COSIST). Ecology, Biodiversity and Conservation in NE India are the thrust areas of the COSIST programme. The Department has been provided financial support by the Department of Science and Technology under the FIST Programme.

The Department has been recognised as a lead centre under the National Agricultural Technology Project of ICAR.

Head : Professor H N Pandey

Faculty :

Professors :	R R Mishra, M.Sc., Ph.D (B.H.U) R S Tripathi, M.Sc., Ph.D. (B.H.U.) P Tandon, M.Sc., Ph.D. (Jodh) H N. Pandey M.Sc., Ph.D. (B.H.U)
Readers :	A K Misra, M.Sc., Ph.D. (Meerut) N K Chrungoo, M.Sc., Ph.D. (Kashmir) M S Dkhar, M.Sc., Ph.D (NEHU) Y Kumar M.Sc., Ph.D (NEHU)
Lecturers :	L Kharlukhi M.Sc., Ph.D. (I.A.R.I) N Venugopal, M.Sc., Ph.D (Madras) H Kayang M.Sc., Ph.D (NEHU) S Kumaria, M.Sc., Ph.D. (NEHU)

Student Intake:

Enrolment capacity : M.Sc - 20,
Ph.D. Not fixed

Actual admission: (M.Sc)	SC/ST Male/Female	General Male/Female	Total Male/Female
	10 6	1 3	11 9

Degrees Awarded: Ph.D.

Susamma Verghese, "Development of Signatures of Frankia Strains", Supervisor: Dr. A K Misra.

Pranab Jyoti Bora, "Studies of Flora Bio-Diversity in Pabitora Wild Life Sanctuary of Assam N.E. India". Supervisor: Dr. Y Kumar.

Subashish Dasgupta, "Studies on Vegetational and Micro-Biological Processes in Coal-

Mining Areas" Supervisor: Prof. R S Tripathi, Jt Supervisor: Dr B K Tiwari.

(Late) Rabindra Nath Bhuyan, "Androgenic Haploids in Indica Rice In Vitro Induction, Plant Regeneration and Evaluation". Supervisor: Prof. P Tandon, Jt. Supervisor: Dr. H S Gupta.

Easter Meena Blah "Studies on the Microbiology of Coal Mine Spoils of Jaintia Hills, Meghalaya". Supervisor Prof. G D Sharma, Jt. Supervisor: Dr.(Miss) M S Dkhar.

Bijoya Bhattacharjee, "Plant Regeneration from Protoplast and Fusion-Mediated Production of Cybrids in Rice". Supervisor Prof. P Tandon, Jt. Supervisor: Dr H S Gupta.

Rajani Verghese, "Investigations on Molecular Diversity in Alder Compatible Frankie". Supervisor Dr. A K Misra.

Darisuk Neolica Dkhar, "Role of Earthworm in Litter Decomposition and Fungal Dispersal in Pine Forests". Supervisor Dr.(Miss) M S Dkhar.

Chitta Ranjan Deb, "Induction of Somatic Embryogenesis in Pinus Kesiya Royle ex Gord." Supervisor Prof. P Tandon.

S Alemmeren Jamir, "Studies on Plant Biodiversity, Community Structure and Population Behaviour of Dominant Tree Species of Some Sacred Groves of Jaintia Hills, Meghalaya. Supervisor Prof. H N Pandey.

Funds received from agencies other than NEHU/UGC : DBT - Rs. 8,32,000. ICFRE - Rs. 2,07,601. DST-NSF - Rs. 1,85,000. DST - Rs.12,08,000. IIRS-DOS - Rs. 3,69,000. Ministry of Environment & Forests, Govt. of India - Rs. 1,99,600. ICAR-WORLD BANK- Rs.13,05,000.

Courses Conducted:

Core papers: M.Sc.: Algae, Bryophyta & Pteridophyta; Gymnosperms & Plant Anatomy; Mycology & Plant Pathology; Plant Taxonomy & Biostatistics; Plant Biochemistry & Molecular Biology; Microbiology & Biotechnology; Genetics & Plant Breeding; Ecology & Environment; Plant Physiology; Morphology, Embryology & Differentiation; Ecosystem Analysis & Phytogeography.

Special Papers: Forest Ecology; Microbial Ecology; Plant Biotechnology.

Seminars/Conferences :(Organised)

R S Tripathi, in his capacity as the Coordinator of the Regional Centre of NAEB, Ministry of Environment and Forests, Govt. of India organised the following workshops/ training programmes, in collaboration with the Forest Departments of the north-eastern states: (i). Workshop on "Capacity Building of Village Communities for Forest Management" and "Consultative Meeting-cum-Training Programme on JFM in Meghalaya" held at Shillong during April 17-20, 2000. (ii). "Trainer's Training Programme on Microplanning in Mizoram" held at Aizawl

during April 25-27, 2000. (iii). "Trainer's Training Programme on Microplanning in Manipur" held at Imphal during March 5-8, 2001.

P Tandon organised a Brain Storming Session on Biodiversity Conservation sponsored by the Department of Biotechnology, Government of India on September 16, 2000 and organised a training course on "Introduction to Computer Networks and Internet" (Sponsored by the Department of Biotechnology, Government of India) during September 26-29, 2000 at the Bio-informatics Centre.

Attended:

R S Tripathi participated in (i) International Workshop on "A decade of Joint Forest Management: Retrospection and Introspection" organised by the Indian Council of Forestry Research and Education, Ministry of Environment and Forests, Govt. of India, at Vigyan Bhavan, New Delhi during June 19-20, 2000, and presented a paper entitled, "Joint Forest Management in North-East India: Issues and challenges", jointly authored by him and S. K. Barik; (ii) Group Monitoring Workshop to assess the progress of research projects under Biosphere Reserve Programme of the Ministry of Environment and Forests, Govt. of India held at Kerala Forest Research Institute, Peechi during September 8-11, 2000, both as an expert member and as a PI of the Nokrek Biosphere Reserve Project; (iii) National seminar on "Recent Advances in Life Sciences" held at Manipur University, Imphal during March 2-3, 2001, delivered the keynote address on the theme of the seminar and a special lecture on "Recent Advances in Plant Population Ecology". (iv) seminar on "Environment, Land and People of Jaintia Hills" organised by the North East India Council for Social Science Research at Shillong during June 5-6, 2000 and presented a research paper entitled "Coal mining in Jaintia Hills, Meghalaya: an ecological perspective".

P Tandon- delivered (i) an invited lecture on Conservation of Plant Genetic Resources at the inaugural function of Indian Science Society of Analytical Scientists at Shillong on September 23, 2000; (ii) an invited talk on "Exotic Plants of North-East India- Conservation Strategies", at the Fort Valley State University, Fort Valley Georgia, USA on January 31, 2001.

M S Dkhar presented a paper on "Microbial diversity of north eastern region with special reference to wood rotting fungi" at DBT Brain Storming Session September 16, 2000.

N Venugopal attended the 88th Indian Science Congress- 2001 at IARI, New Delhi on January 3-7, 2001 and presented two papers entitled (i) "Cambial activity in relation to phenology and climatic factors in some North Eastern Himalayan Gymnospermous trees" and (ii) "Development of microsporangium in an endemic and endangered insectivorous plant *Nepenthes khasiana* Hk. f."

H Kayang participated and presented a paper in the National Workshop on Biodiversity and Indigenous Knowledge Organised by the North - Eastern Biodiversity Research Cell (NEBRC) NEHU at Miao, Chonglong District, Arunachal Pradesh during March 13-14, 2001.

S Kumaria (i) presented a report on "Mass Micropropagation of orchids towards socio-economic upliftment of women folk in Meghalaya" in Awareness Workshop on Biotechnology based Programmes for Women and Rural Development, NEHU, Shillong on September 15, 2000; (ii) presented a paper entitled, "Micropropagation of *Dendrobium fimbriatum* Var. *oculatum* H. f. and *Cymbidium giganteum* Wall. : A complete protocol of Orchids for socio-economic upliftment of rural women of North-East India" in the 88th session of the Indian Science Congress, New Delhi on January 3-7, 2001.

Visiting Professors/Fellows : Dr. Dietrich Schmidt-Vogt of the University of Heidelberg, Germany, visited the Department and delivered a lecture on "Ecological and economic botany of fallow forests on swiddens in north Thailand", during the month of March, 2001, under the DSA Programme of the UGC.

Publications :

Dhyani, S K and Tripathi, R S 2000. Biomass and production of fine and coarse roots of trees under agrisilvicultural practices in north-east India. *Agroforestry Systems* (The Netherlands), 50:107-121.

Kumaria, S and Tandon, P 2000. Effects of growth regulators on peroxidase, polyphenol oxidase, IAA-oxidase and phenolic contents during protocorm development of *Dendrobium fimbriatum* var. *oculatum* Hk. f. *J. Orch Soc. India*. 14: 1-2.

Kumaria, S 2000. Mass micropropagation of orchids towards socio-economic upliftment of women folk in Meghalaya. In: *Awareness Workshop on Biotechnology based Programmes for Women and Rural Development* (ed. V Tandon), pp. 20-21. Regency Publishers, New Delhi.

Rout, M K and Chrungoo, N. K. 2000. Changes in the pattern of seed storage protein accumulation during maturation of grains in common buckwheat. *Biologia Plantarum* : 42 (1) 93-100.

Sarma G and Misra, A K 2001. The Actinorhizal Symbiosis. In A K Yadav, S Raychaudhari and N C Talukdar (eds), *Souvenir on Second North Eastern Regional Conference on Biofertilizers*, Assam Agricultural University, Jorhat pp. 29-39.

Tandon, P (Ed) 2001. Brainstorming Session on Biodiversity conservation. Shillong: NEHU Publications.

Tiwari, B K, Tripathi, R S and Barik, S K 2000. Ecological and economic assessment of Joint Forest Management programme in Tripura. In: N H Ravindranath, K S Murali and K C Malhotra, *Joint Forest Management and Community Forestry in India: An Ecological and Institutional Assessment*, Oxford & IBH Publishing Co., New Delhi. 233-248

Verghese, S K and Misra, A K 2000. PCR-RFLP based screening of *Frankia* genotypes

in alder nodules having different levels of nitrogenase activity. *Symbiosis* (USA) 28: 337-350.

Thrust Area of Research : Forest Biology.

Research Programme/Project :

A project entitled "Biodiversity characterization at landscape level using remote sensing and GIS" was sanctioned to Prof. R. S. Tripathi by Department of Space, Govt. of India to collaborate with Dr. P. S. Roy, Dean, IIRS.

A project entitled, "Improvement of infrastructural facilities in existing Botanical Garden of North-Eastern Hill University, NEHU Campus, Shillong" was sanctioned to Prof. R S Tripathi by the Ministry of Environment and Forests, Govt. of India.

ICFRE- World Bank Project on Alder was sanctioned to Dr. A K Misra.

A DST-NSF Project on Molecular diversity and ecology of actinorhizal symbionts found in the Sikkim region of the Eastern Himalayas was sanctioned to Dr. A K Misra and Prof. R S Tripathi (Indian collaborators), and Prof. David Myrold, Oregon State University, Corvallis, USA. (US collaborator).

A DST Project on "Cloning and Characterization of lysine rich seed storage protein of common Buckwheat" was sanctioned to Dr. N K Chrungoo.

A National Agricultural Technology Project "Cloning of Genes for nutritionally rich seed proteins of common buckwheat" funded by ICAR- World Bank under National Agricultural Technology Project was sanctioned to Dr. N K Chrungoo.

A DBT Project on "Computer aid in taxonomy and biodiversity conservation and sustainable use in orchid floriculture" was sanctioned to Dr Y Kumar.

A DST Project entitled "Moisture oriented feasibility for storage of seeds of timber yielding wild Species of Meghalaya " was sanctioned to Dr. L Kharlukhi.

Other Activities :

Prof. Tripathi (i) was elected as the Fellow of Indian National Science Academy (FNA). (ii) nominated by the Ministry of Environment & Forests, Govt. of India as the Coordinator of the Ecoregional Working Group on north-east India for the preparation of National Biodiversity Strategy and Action Plan (NBSAP). (iii) identified by the UGC as the Coordinator of the SAP-DSA Programme in Botany. (iv) nominated as a member of Project Evaluation Committee (PEC) of the Integrated Ecodevelopment and Research Programme of G.B. Pant Institute of Himalayan Environment & Development, Almora for a period of three years.

Prof. P Tandon was elected General Secretary, The National Academy of Sciences, India for a period of 2 years. He visited the Centre for Plant Conservation, Missouri Botanical

Garden, Biology Department, Washington University and Monsanto University at St. Louis, USA.

Prof. H N Pandey was nominated as a Member of the State level Committee for Watershed Development Programme, Government of Meghalaya.

DEPARTMENT OF BIOCHEMISTRY

The Department of Biochemistry has been conducting teaching and research in various modern areas of regional and national importance. The Department is serving a wide range of courses based on modern approaches and applied aspects. The courses are regularly revised, reviewed and updated to incorporate recent relevant developments in the area of Biochemistry. Our M.Sc./Ph.D. students compete successfully at NET and GATE every year. They have been employed in various educational institutions, research centres, hospitals, forensic departments, pharmaceutical companies in this region. The members of the faculty have made special efforts to receive research grants from India and abroad and have established collaborative research links with institutions of eminence abroad.

Head : Dr. R Sharma

Faculty :

Professors:	R Lalthantluanga, M.Sc./Ph.D. (Poona) A N Rai, M.Sc.(BHU), Ph.D. (Dundee)
Readers:	R Sharma, M.Sc./Ph.D. (BHU) R N Sharan, M.Sc./Ph.D. (JNU) A Alam, M.Sc.(AMU), Ph.D.(Moscow)
Lecturers :	D Syiem, M.Sc./Ph.D. (NEHU) A K Singh, M.Sc.(Gorakh.), Ph.D.(Hyd.)

Student Intake :

Enrolment capacity :	M.Sc. = 10,	Ph.D. = Open			
Actual Admission :	SC/ST/Genl.	Male/Female	Total		
M.Sc.	5	5	6	4	10

Degrees awarded : Ph.D. : Two

Funds received from agencies other than NEHU/UGC.: Rs. 13.65 lakhs (DST sponsored major research project). Rs. 40.00 lakhs (DST-FIST sponsored departmental project)

Courses Conducted : Chemistry, Introductory Biochemistry & Environmental Biochemistry, Enzymology, and Biochemistry Practicals. Techniques in Biochemistry, Physiological Chemistry, Bioenergetic Pathways, and Biochemistry Practicals. Genetics, Medical Biochem-

istry, Biosynthetic Pathways, and Biochemistry Practicals. Molecular Biology, Microbiology, Immunology, and Biochemistry Practicals.

Seminars/Conferences : (Attended.)

R Sharma and H S Ranhotra presented a paper entitled "Age dependent regulation of adenosine deaminase by B^{2} - cAMP in different tissues of mice", International Symposium on Aging-a Challenge in the New Millenium and Xth Binnial Meeting of Association Gerontol, India, Varanasi, November 10-12, 2000.

H S Ranhotra and R Sharma presented a paper entitled "Effect of modulators on glucocorticoid receptors of immature and mature mice" National Symposium of Cellular and Molecular Biology of Ageing, New Delhi, October 20-21, 2000.

L I Singh and A Alam presented a paper entitled "Hepatocarcinogenesis induced by N-nitosodibutylamine in mice shows alteration in glutathione-s- transferase activity and the level of GSH", 20th Annual Convention of Indian Association for Cancer Research and Symposia on Cancer Biology, Ahmedabad, January 19-21, 2001.

B J Devi and R N Sharan presented a paper entitled "Effect of poly-ribosylation of chromosomal proteins and its inhibition by 3-aminobenzamide on dimethylnitrosamine induced carcinogenesis in mice", 20th Annual Meeting of Indian Association for Cancer Research, Ahmedabad, January 19-21, 2001.

J O Humtsoe and R N Sharan delivered invited talk entitled "Molecular radiobiology : plasmid pMTa4 as a tool for studying effects of (r - radiation in vitro and in vivo. 88th Indian Science Congress, New Delhi, January 3-7, 2001.

F H A Schneeweiss, S Zerhusen and R N Sharan, presented a paper titled "Effects of Auger electron emitting radionuclide on human cells", 88th Indian Science Congress, New Delhi, January, 3-7, 2001.

D Syiem presented a paper entitled "Prospects of Ethnobotany in North Eastern India", National Seminar on Ethnobotany, past present and future, Mizoram, April 12, 2000.

D Syiem presented a paper entitled "Indigenous knowledge system with special reference to the Khasis of Meghalaya", Workshop on Biodiversity and Indigenous Knowledge System, Arunachal Pradesh, March 13-14, 2001.

D Syiem attended DBT sponsored Workshop on Biotechnology based programmes for Women and Rural development and DBT sponsored Brainstorming Session on Biodiversity Conservation, NEHU, Shillong, September 15-16, 2000.

Publications :

Rai, A N Soderback, E and Bergman, B 2000. Cyanobacterium-plant symbioses, *New Phytol* 147: 449-481.

Ranhotra, H S and Sharma, R 2000. Streptozotocin -induced diabetes and glucocorticoid receptor regulation: tissue and age specific variation, *Mechanism of Ageing and Development*, 119: 15-24.

Alam, A, Imliwati, L K, Rapthap, C and Singh, V 2001. Liposome encapsulated tumor associated antigens elicited humoral and cellular immune responses in mice bearing tumor, *Indian Journal of Experimental Biology*, 39 : 201-208.

Singh, V, Singh, R C, Dubey, R K and Alam, A 2000. Ribosome-inactivating property of gelonin is more affected by N-succinimidyl 6-[3-(2-pyridyldithio) propionamido] hexanoate modification than N-succinimidyl-3-(2-pyridyldithio) propionate, *Indian Journal of Biochemistry and Biophysics*, 37 : 155-165.

Schneeweiss, FHA, Mukherjee, A S, Sharan, R N and Feinendegen, L E, 2000. Heat shock induced chromatin conformational changes; HMG depletion and Dnase I sensitivity, *Life Science*, 66 (3) : 193-200.

Rai, A N, 2000. Cyanobacterial nitrogen metabolism: relevance in agricultural biotechnology with reference to North-East India, In: *Proceeding of National Conference Science and Technology*, pp. 137-147.

Ranhotra, H S and Sharma, R 2000. Glucocorticoid receptor regulation during streptozotocin-induced type-I diabetes in mice, In O.P.Sharma, ed. *Geriatrics Update : Active Ageing March to New Millennium*, New Delhi : Geriatric Soc. Ind. Publications. 132-139.

Thrust Areas of Research : Nitrogen Fixation, Protein Chemistry, Hormone and Ageing, Carcinogenesis and Radiobiology, Drug delivery, Drug targeting and Tumor immunotherapy, Medicinal plants and Biodiversity.

Research programmes/projects : DST sponsored major research project sanctioned to Prof. R Sharma entitled "Dietary regulation of glucocorticoid receptors in mice".

Other Activities :

Prof. A N Rai (i) delivered two lectures titled "Cyanolichens and Artificial Symbioses" at the International Workshop and Symposium on Cyanobacterial Symbioses, Balleyvaughan, Ireland, September, 2000 (ii) chaired a session at the International Workshop and Symposium on Cyanobacterial Symbioses, Balleyvaughan, Ireland, September, 2000. (iii) visited Stockholm University as Visiting Professor, August & September, 2000.

Dr. R N Sharan, visited the Institute of Medicine Research Centre, Juelich, Germany July 19 to August 14, 2000.

Dr. A K Singh visited the laboratory of Prof. P Boeger, University of Konstanz, from June to December, 2000.

Dr. R Sharma (i) delivered keynote address at RRL, Jorhat on New Millenium Initiative Technology Leadership in India, May 15, 2000 (ii) chaired a session at International Symposium on ageing at BHU, Varanasi, November 10-12, 2000.

Dr. D Syiem attended the UGC-sponsored Refresher Course in Chemistry held at NEHU, Shillong, July 7-28, 2000.

DEPARTMENT OF FORESTRY

The Department of Forestry was created during the VIth Five Year Plan. It has started Ph.D. and M.Sc. from 1994 and 1997, respectively. The research programme carried out in the Department is designed to tackle the biophysical and socio-economic problems of the region.

Head : Professor L K Jha

Faculty :

Professor :	L K Jha, M.Sc.(Bhagal.), Ph.D. (L.N.Mith)
Reader :	Rakesh Mohan, M.Sc.(Kanpur), Ph.D.(BCKV)
Lecturers :	U K Sahoo, M.Sc.,M.Phil. (Utkal), Ph.D. (NEHU)
	D Paul, M.Sc./Ph.D. (NEHU)

Student Intake :

Enrolment capacity :	6
Actual admission :	SC/ST/Genl. Male/Female Total
	5 1 5 1 6

Degrees Awarded : Ph.D.

Lalnungdanga, "Study of medicinal plants in tropical and subtropical semi evergreen forest of Mizoram", Supervisor : Prof. L K Jha and Joint Supervisor : Prof. R Lalthantluanga.

Helen Hmar, "Ecological analysis of common agriculture and horticulture practices in Mizoram" Supervisor : Prof. L K Jha and Joint Supervisor : Dr. Tawnenga.

Fund received from agencies other than NEHU/UGC: ICAR, Govt. of India (Rs. 2,83,500) and Ministry of Environment & Forest, Govt. of India. (Rs. 4,02,628/-)

Courses Conducted : General Silviculture; Tree Seed Technology & Propagation; Forest Policy, Acts, Laws and Environmental Management; Tree Improvement; Soil Science ; Disease, Pest and Weed Management ; Research Meghodology, Design Analysis of Field Experiment and Computer Programming; Principles of Social Forestry; Practice of Social Forestry; Principles of Agronomy and Cropping system; Social Forestry; Principal of Agroforestry and Practice of Agroforestry.

Seminars/Conferences (Attended) :

L K Jha presented a paper in poster session "Tree-Green hedge-Crop farming System (Zo-Tech.) an alternative to Jhum cultivation" at the International Workshop on Agroforestry and Forest Products, Nov. 28-30, 2000, Aizawl.

D Paul presented a paper in poster session "Integrated pest management in agroforestry system" at the International Workshop on Agroforestry and Forest Products, Nov. 28-30, 2000, Aizawl.

U K Sahoo presented a paper "Growth and biomass production of some multipurpose tree species under nursery condition" at the International Workshop on Agroforestry and Forest Products, Nov. 28-30, 2000, Aizawl.

Publications :

Jha, L K, Paul, D, Sahoo, U K, Ramanujam, S N, and Singh, L N. (eds.) 2000. Agroforestry and Forest Products, *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 1-427.

Hmar, H., Tawnenga and Jha, L K 2000. Study on economic and ecological efficiencies of agricultural and horticultural practices in Mizoram. In : *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 275-287.

Jha, L K, Lalnunmawia, F, Jha, S K and Lalhmachhuana 2000. Impact of altitude, slope percent and aspect distribution and growth performance of *Melocanna baccifera*, *Dendrocalamus hamiltonii*, *D. longipathus* and *Bambusa tulda*. In : *workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 345-348.

Jha, L K, Jha, S K, Roy, P and Lalnunmawia, F 2000. Market Survey of edible bamboo shoots in Mizoram. In : *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 373-376.

Lalnungdanga and Jha, L K 2000. Medicinal plants in Tropical and Sub-tropical Semi ever-green forest of Mizoram. In : *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 405-423.

Lalramnghinglova, H and Jha, L K 2000. Integrated pest management in agroforestry. In : *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 191-194.

Paul, D, Mondal, A H and Jha, L K 2000. Integrated pest management in agroforestry. In : *Proceeding Int workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 205-212.

Ramanujan, S N, Roy, B and Jha, L K 2000. Inventory studies on the earthworm population in agroforestry systems of Mizoram. In : *Proceeding Int. workshop on Agroforestry and For-*

est Products, Linkman Publication, Calcutta : pp. 191-194.

Sahoo, U K and Jha, L K 2000. Growth and biomass production of seedlings of some multipurpose tree species under nursery conditions. In : *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 187-190.

Thapa, H S, Sahoo, U K and Jha, L K 2000. Non-wood forest products in Mizoram : an overview. In : *Proceeding Int. workshop on Agroforestry and Forest Products*, Linkman Publication, Calcutta : pp. 349-358.

Study Tour/Field Trip :

Dr. U K Sahoo took the M.Sc. IVth semester students on a study tour (Duration : July 15 to August 10, 2000) to Y.S. Parmar University of Horticulture and Forestry; Himalayas Tropical Forest Research Institute, NBPGR and CPRI, Shimla and ICFRE, Dehradun in connection with practical paper on Practice of Agroforestry.

Dr. D Paul took the M.Sc. Ist semester students to Assam and Meghalaya forest areas to study various aspects of forest management for a period of 15 days from March 19 to April 3, 2001.

Thrust Area of Research : Agroforestry and Watershed management, Medicinal plants and Biodiversity.

DEPARTMENT OF ZOOLOGY

The Department of Zoology was established in 1974. It offers specializations in all major branches of Zoology. The Department has been selected by UGC for conducting refresher courses in Zoology for the college and university teachers. Several research students have qualified NET and GATE. A large number of its students are holding important faculty positions in the colleges, universities and research institutions of the N.E. region and other parts of our country.

Based on overall academic and research contributions, this Department was awarded the third phase of the DRS scheme by the University Grants Commission under special Assistance Programme to promote higher research with special reference to the N.E. region. In addition, the Department has the UGC sponsored COSIST programme.

Head : Professor K Chatterjee

Faculty :

Professors : K Chatterjee, M.Sc., Ph.D. (Kaly)
A Raghuvarman, M.Sc., Ph.D. (Madr.)
V Tandon, M.Sc.(Hons.), Ph.D. (Panj)

Readers :	B K Sharma, M.Sc. (Hons.), Ph.D. (Panj)
	B B P Gupta, M.Sc., Ph.D. (BHU)
	S B Prasad, M.Sc., Ph.D. (BHU)
	R N K Hooroo, M.Sc., Ph.D. (NEHU)
	B Kharbuli, M.Sc., Ph.D. (NEHU)
Lecturers :	N Saha, M.Sc., Ph.D. (NEHU)
	A Chatterjee, M.Sc. (Burd), Ph.D. (BHU)
	A K Yadav, M.Sc. (Agra), Ph.D. (NEHU)

Student Intake :

(a) Enrolment capacity: M. Sc. : 20
M. Phil./Ph D. : 10

(b) Actual Admission :	SC/ST/Genl.	Male/Female	Total
M.Sc.	15 5	10 10	20
Ph.D.	9 3	7 5	12

Degrees awarded : Ph.D

Ms. Lipika Das "Role of ureogenesis in freshwater air-breathing catfish *Clarias batrachus* under different environmental constraints". Supervisor : Dr. N Saha.

Ms. Shampa Deb "Arecoline induced DNA damages and its relation with endogenous glutathione status in mammalian cells". Supervisor: Dr. A Chatterjee.

Mr. S R Hajong "Endocrine and certain environmental factors involved in polymorph differentiation and control of the aphid *Macrosiphum rosaeiformis* (Das)(Homoptera: Aphididae)". Supervisor: Prof. A R Varman.

Funds received from agencies other than NEHU/UGC : Rs. 11.93 Lakhs (approx.)

Courses Conducted : Cell Biology & Immunology; Molecular Biology; Animal Physiology. Biological Chemistry; Genetics and Developmental Biology; Parasitology and Entomology. Ecology and Environmental Biology; Endocrinology and Reproductive Biology; Aquatic Biology and Fisheries. Biosystematics & Evolution; Techniques in Biology and Biometrics;

Special Papers offered : Biochemical Adaptation, Cell Biology & Immuno biology, Developmental Biology, Endocrinology and Reproductive Physiology, and Entomology.

Seminars/Conferences: Organised.

(i) "Regional Seminar on Recent Trends in Zoology" under UGC-sponsored DRS II Programme (September 14, 2000). (ii) Refresher Course on "Recent Trends in Zoology" (Nov. 15 to December 7 2000) (iii) 'Awareness Workshop on DBT's Biotechnology-based Programmes on Women and Rural Development' for North-Eastern region - September 15, 2000, sponsored by the Department of Biotechnology, Ministry of Science & Technology, Govt. of India. (iv) "Young Scientists' Workshop on Identification and Diagnosis of Parasites

of Biomedical and Zoonotic Importance" during June 23 to July 7, 2000.

Attended:

K Chatterjee attended the Research Advisory Committee meeting of National Research Centre on Coldwater Fisheries (I.C.A.R.) at Bhimtal during September 26-28, 2000.

V Tandon attended (i) 'Regional Seminar on Recent Trends in Zoology' (under UGC-sponsored DRS-II Programme) - Sept. 14, 2000, NEHU, Shillong, and presented a paper entitled 'NO nerves in trematodes, too! NADPH-diaphorase activity in adult *Fasciolopsis buski*, and (ii) 'Brain-storming Session on Biodiversity Conservation' - Sept. 16, 2000, NEHU, Shillong and presented a pre-proposal for research on 'Paragonimiasis- its status in N.E. India'.

A Raghuvarman attended (i) 'Regional Seminar on Recent Trends in Zoology' (under UGC-sponsored DRS-II Programme), Sept. 14, 2000, NEHU, Shillong and presented a paper entitled "Sexual dimorphism in body cuticle colour of the sawfly".

B K Sharma attended (i) Regional Seminar on "Recent Trends in Zoology" (Under DRS Programme) Department of Zoology, NEHU, Shillong (September 14, 2000) (ii) National Symposium on "Current Trends in Wetlands and Fisheries Research In the New Millennium" (8-9 November, 2000), Department of Life Sciences, Assam University, Silchar, delivered a Plenary Lecture entitled "Tropical floodplain lakes of Assam: Richest Rotifer Habitats", (iii) Delivered an invited lecture on "Aquatic Ecosystems: Diversity and Dynamics at N. E. Regional Training Programme on "Public Participation in Environmental Management" (15-18 November, 2000) organised by Shillong College Academic Society, Shillong, (iv) Delivered an invited lecture on "Conservation and Management of Water Resources" at Meghalaya State Administrative Training Institute (Govt. of Meghalaya), Shillong on January 7, 2001, (v) National Seminar on "Recent Advances in Life Sciences" (March 2-3, 2001), Department of Life Sciences, Manipur University, Imphal and delivered an invited lecture on "Limnological studies and zooplankton biodiversity in N. E. India.", and (vi) Presented a research paper at National Seminar on Conservation of Aquaculture Resources (17-18 March, 2001), Department of Zoology, Tripura University, Agartala.

B B P Gupta attended (i) 'Regional Seminar on Recent Trends in Zoology' (under UGC-sponsored DRS-II Programme) - Sept. 14, 2000, NEHU, Shillong and presented a paper entitled "Study of annual variation in the rate of tissue respiration in a hibernating species, *Limnodynastes limnodynastes* and a non-hibernating species, (ii) 'Awareness Workshop on DBT's Biotechnology-based Programmes on Women & Rural Development' for North-eastern region, September 15, 2000, NEHU, Shillong & presented a pre-proposal entitled "Application of induced-breeding technique to promote fishery and fish seed production in rural areas of the North-Eastern States of India" and (iii) 'Brain-storming Session on Biodiversity Conservation' - Sept. 16, 2000, NEHU, Shillong.

S B Prasad attended the 20th Convention of Indian Association for Cancer Research held at Ahmedabad (January 19-21, 2001) and presented a paper entitled "Changes in mitochondrial protein and glutathione in relation to malignancy and cisplatin treatment".

Publications :

Sengupta, U and Chatterjee, K 2001. Expression of genes coding for octanol dehydrogenase, NAD-glucose dehydrogenase and aldehyde oxidase isozymes in the chocolate mahseer, *Neolissocheilus hexagonolepis* (McClelland). In : G.K. Manna and S.C. Roy ed. *Perspectives in Cytology and Genetics*, 10. AICCG PublN. Kalyani University, 899-902.

Kharbuli, B and Chatterjee, K 2001. Genetic expression of glucose-6-phosphate dehydrogenase in *Channa* species. In G.K. Manna and S.C. Roy ed. *Perspectives in Cytology and Genetis* 10. AICCG PublN., Kalyani University, 763-765.

Tandon, V 2001. Paragonimiasis in India: its status. In S K Malhotra and R S Chauhan, ed. *Prof. V N Capoor Commemoration Volume*. Allahabad: Ankit Publications, pp. 18-19.

Sharma, B K and Sharma, S 2000. Freshwater Rotifers (Rotifera: Eurotatoria). In: Fauna of Tripura: State Fauna Series, 7(4). *Zool. Surv. India*, Calcutta.

Sharma, B K, Sharma, S and Hussain, Md., 2000 Species composition of Zooplankton in a tropical floodplain lake, Assam (N.E.India). *Rec. Zool. Surv. India* 98: 101-109.

Sharma, B K, 2000. Synecology of Rotifers in a tropical floodplain lake of upper Assam (N. E. India). *Indian J. Anim. Sciences*, 70: 880-885.

Sharma, B K, 2000. Rotifers from some tropical floodplain lakes of Assam (N. E. India). *Tropical Ecology* 41(2): 1-7.

Lynshiang, D S and Gupta, B B P 2000. Role of thyroidal and testicular hormones in regulation of tissue respiration in the male air-breathing fish, *Clarias batrachus*, *Indian Journal of Experimental Biology* 38 : 705-712.

Lynshiang, D S and Gupta, B B P (2000). Role of catecholamines and corticosteroids in regulation of the oxidative metabolism in male *Clarias batrachus*, *Current Science* 78 : 1112-1117.

Kharbangar, A, Khyndriam, D and Prasad, S B 2000. Effect of cisplatin on mitochondrial proteins, glutathione and succinate dehydrogenase in Dalton lymphoma-bearing mice, *Cell Biol. Toxicol.* 16: 363-373.

Kharbuli, B, Syiem, D and Kayang, H 2000. *Biodiversity: North East India Perspectives*, Scientific Publishers, Jodhpur, India.

Dombrowski, F, Kubitz, R, Chittattu, A, Wettstein, M, Saha, N and Haussinger, D (2000) Electron-microscopic demonstration of multidrug resistance protein 2 (Mrp2) retrieval from the canalicular membrane in response to hyperosmolarity and lipopolysaccharide. *Biochemical Journal* 348: 183-188.

Saha, N, Dutta, S and Haussinger, D (2000) Changes in free amino acid synthesis in the perfused liver of an air-breathing walking catfish, *Clarias batrachus* infused with ammonium chloride: A strategy to adapt under hyperammonia stress. *Journal of Experimental Zoology* 286: 13-23.

Saha, N, Das, L, Dutta, S and Goswami, U C (2001) Role of ureogenesis in the mud-dwelled singhi catfish (*Heteropneustes fossilis*) under condition of water shortage. *Comparative Biochemistry and Physiology* 128A: 137-146.

Pulido, H A, Fakruddin, M J, Chatterjee, A, Esplin, E D, Beleno, N, Martinez, G, Posso, H, Evans, G A and Murty, V V V S 2000. Identification of a 6cM minimal deletion at 11q23.1-23.2 and exclusion of PPP2R1B gene as a deletion target in cervical cancer. *Cancer Research*, 60: 6677-6682.

Michel, L S, Liberal, V, Chatterjee, A, Kirchwehher, G, Pasche, B, Dobles, M, Sorger, P K and Murty, V V V S 2001. MAD2 haploinsufficiency causes premature anaphase and chromosome instability in mammalian cells. *Nature* 409: 355-359.

Chatterjee, A, Pulido, H A, Koul, S, Beleno, N, Perilla, A, Posso, H, Mansukhani, M, and Murty, V V V S 2001. Mapping candidate tumor suppressor sites at 6p25 and 6p21.3 in cervical carcinoma: Occurrence of allelic deletions in precancerous lesions. *Cancer Research* 61: 2119-2123.

Yadav, A K 2001. Species Diversity and population pattern of nematode parasites of live-stock and poultry in a high-rainfall area of Meghalaya, India, *Prof. V N Capoor Comm.* Volume, pp. 1-5.

Yadav, S, Yadav, A K and Singh, H S 2000. *Wallagotrema orientalis* sp.- a new monogenean from *Wallago attu* Bloch. and Schn., with a note on functional biology of its haptor. *Proc. Zool. Soc.* 53(1) : 60-64.

Study Tour/Field Trips : Dr. S B Prasad and Dr. A K Yadav took the M. Sc. students on a study tour (duration : 8 days w.e.f. February 10 to 17, 2001) to Kazhiranga National Park, RRL (Jorhat), Mazuli Island, Tezpur University and Gauhati University.

Thrust Area of Research : Environmental Biology.

Research Programme/Research Project :

Prof. V Tandon started a project entitled "All India Co-ordinated Project on Taxonomy Capacity Building- Research on Helminths & Nematodes" funded by the Ministry of Environment and Forests, Government of India (Duration : 5 years; Total grant : Rs. 2,74,850/- per annum).

Dr. B Kharbuli started a project entitled "National Biodiversity Strategy and Action Plan (NBSAP) for the state of Meghalaya" funded by the Ministry of Env. & Forest, G.O.I through

Biotech Consortium India, Ltd. New Delhi (Duration : Two Years; Total grant: 3.00 Lakhs).

Dr. N Saha started a project entitled "Purification and characterization of carbamyl phosphate synthetase(s) and expression of urea cycle in an amphibious potential ureogenic air-breathing catfish, *Clarias batrachus* during early life stages" funded by the UGC, New Delhi. (Duration: 3 years; Total grant: Rs. 4.85 Lakhs)

Other Activities :

The Department was sanctioned DRS III under Special Assistance Programme of UGC, New Delhi and (financial assistance under FIST programme of DST, New Delhi).

Prof. V Tandon was nominated as a member of (1) The Scientific Advisory Committee to Regional Medical Research Center (ICMR), Dibrugarh (Assam)., and (2) The Task Force of Department of Biotechnology (GOI) on Biotechnology-based Programmes for Women and Rural Development .

Prof. B K Sharma was appointed Expert member of Meghalaya State Level Committee on Watershed Management.

Dr. S B Prasad availed SERC visiting fellowship of DST, New Delhi for three months (June 20 to September, 20, 2001) to visit Jadavpur University, Calcutta.

Dr. N Saha was awarded a fellowship to undertake a research project in Germany.

SCHOOL OF PHYSICAL SCIENCES

The School of Physical Sciences comprises the Centre for Applied Statistics, and the departments of Chemistry, Mathematics and Physics. It offers one of the best opportunities in North Eastern India for the study of physical sciences. The detailed programmes of each unit of the School are given in the following pages. An overview of the School is that we have a little over thirty members of the faculty and admit approximately a hundred new students each year. This provides an excellent faculty to students ratio for meaningful teaching and learning one to one interaction between the student and teacher. The School has a very good library, well equipped laboratory, computer lab. and internet facilities. And has been granted special assistance programmes of the UGC as well as individual research projects of our faculty which are funded by agencies like the DST, DAE, CSIR, DBT and NEC. We have a distinguished faculty which is noted for its ability to generate resources through research grants, publications in national and international referred journals of high repute, and invitations to speak at important national and international seminars. In addition to our pre-occupation with research and teaching at M.Sc/M.Phil. level, we also provide regular diploma courses in statistics, occasional refresher courses for college teachers, and informal training for Mathematics Olympiad. A section of our faculty has also played a key role in founding and running various service centres of the University like Computer Centre, USIC and RSIC.

CENTRE FOR APPLIED STATISTICS

The Centre for Applied Statistics was established in 1984. Its main objective was to conduct teaching, research and training programmes in the field of Applied Statistics.

Head : Dr. M K Das

Student Intake :

a) Enrolment capacity :	10				
b) Actual admission :	SC/ST/Genl.		Male/Female		Total
	03	0	03	0	03

Faculty :

Reader : M K Das, M.Sc., Ph.D. (Dib)
Lecturer : G Das, M.Sc. (Delhi), Ph.D. (NEHU)
B K Gupta, M.Sc. (Alig. & Agra)

Courses Conducted : Diploma Courses in Statistics, Mathematics and Descriptive Statistics, Computational Techniques and Elements of Probability Theory, Probability Distributions and Vital Descriptive Statistics and Sampling distributions, Statistical Methods and Practical Problems on the topics covered in Statistical Methods, Sampling Techniques and Statistical Quality Control, Analysis of Variance and Experimental Designs.

Other Activities : Teaching 4th Semester Students of M.Sc. Zoology.

Dr. G Das was appointed as referee for the journal "Communication in Statistics : Theory and Methods" published from U.S.A.

DEPARTMENT OF CHEMISTRY

Established in the year 1976, the Department of Chemistry has been imparting education in Chemistry by training students through its ongoing M.Sc. and Ph.D. programme. The academic and research programmes of the Department are so designed that the students acquire a good understanding of Chemistry right from the basic level. The instrumentation and library facilities of the Department have been utilized not only by the members of the Department, but also by members of various other educational institutions. The Department has been receiving special assistance (DRS) from the UGC since 24th October 2000.

Head : Professor K Ismail

Faculty :

Professors: S N Bhat, M.Sc., (Karn.), Ph.D. (IIT Kanpur)
M K Mahanti, M.Sc., (Madr.), Ph.D. (Berh.)
K Ismail, M.Sc., Ph.D. (AMU)
Readers: R K Poddar, M.Sc., Ph.D. (IIT Kanpur)
B Myrboh, M.Sc., Ph.D. (NEHU)
Lecturers: R H Duncan Lyngdoh, M.Sc. (NEHU), Ph.D. (IIT Madr.)
S Aravamudhan, M.Sc., (S.V. Univ.), Ph.D. (IIT Kanpur)
A Lemtur, M.Sc., Ph.D. (NEHU)
K Mohan Rao, M.Sc., (S.V. Univ.), Ph.D. (IIT Kanpur)

Student Intake:

a) Enrolment Capacity: M.Sc. : 30

b) Actual Admission:	SC/ST/Genl.	Male/Female	Total
	24 06	15 15	30

Degrees Awarded: Ph.D.

Deepa Dey, "Synthesis, Structural Assessment and Some Reaction Profiles of Peroxo Complexes of V, Mo and UO_2^{2+} . A Fluoro Compound of Cr, and Mixed-Ligand Molecular Complexes of the Type $\text{M}(\text{Acac})_2(\text{dmpz})_n$ [$\text{dmpz} = 3, 5\text{-dimethylpyrozole}$, $\text{M}=\text{Mn, Co, Ni}$; $n=2$, $\text{M}=\text{VO}^{2+}$; $n=1$, and $\text{M}=\text{UO}_2^{2+}$; $n=4$]. Supervisor: Prof. M K Mahanti, Joint Supervisor: Prof. M K Chaudhuri.

Wancydora Kharmawphlang, "Diimine Complexes of Chromium and Copper, Fluoro and Mixed Fluoro Complexes of Vanadium and Chromium and Peroxo-Metal Mediated Synthesis of Pyridinium Tribromide". Supervisor: Prof. M K Mahanti, Joint Supervisor: Prof. M K Chaudhuri.

Pramod K Mohanta, "Novel Synthetic Approaches to Heterocyclic and Carbocyclic Compounds Using α -Oxoketene Dithioacetals". Supervisor : Prof. M K Mahanti, Joint Supervisor: Prof. (Mrs.) H Ila.

Sriram V., "Synthetic Studies on (-Oxoketenes Dithioacetals". Supervisor: Prof. M K Mahanti, Joint Supervisors: Prof. H Junjappa and Prof. (Mrs.) H Ila.

Akhilesh Kumar Gupta, "Studies on Some Aspects of Ruthenium Chemistry". Supervisor: Dr. R K Poddar.

Deborah Mary L Buam, "Quantum Chemical Studies on Salient Aspects of Hydrogen Bonding Among Aromatic Heterocyclic Bases". Supervisor: Dr. R H D Lyngdoh.

Sanchita Dhar, "Synthetic and Mechanistic Investigations on α -Oxoketene Dithioacetals". Supervisors: Prof. H Junjappa, and Dr. R H D Lyngdoh.

Okram Barun, "New Synthetic Routes to Biologically Important Heterocycles". Supervisor: Dr. R H Duncan Lyngdoh, Joint Supervisor: Prof. H Junjappa.

Courses Conducted:

Compulsory : Inorganic Chemistry-I, Organic Chemistry-I, Physical Chemistry-I, Quantum Chemistry, Laboratory Courses in Physical Chemistry, Inorganic Chemistry-II, Organic Chemistry-II, Physical Chemistry-II, Chemical Binding and Molecular Spectroscopy, Laboratory Course in Organic Chemistry, Inorganic Chemistry-III, Organic Chemistry-III, Physical Chemistry-III, Applications of Spectroscopic Methods, Laboratory Course in Inorganic Chemistry, Environmental Chemistry, Analytical Chemistry and Computers,

Optional : Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Project Work (Inorganic/Organic/Physical).

Seminars/Conferences : (Attended)

K Ismail delivered an invited talk on "Viscosity Behaviour of Microemulsions Stabilized by Sodium Dodecylsulphate and 1-Butanol" at the National Symposium on Recent Challenges in Chemistry organised by the Department of Chemistry, Tripura University, Agartala (March 29-31, 2001).

S N Bhat contributed a research paper entitled "Host-Guest Complexes: Spectroscopic and Thermodynamic Studies of Cyclodextrin Dyes" to the National Symposium on Recent Challenges in Chemistry organised by the Department of Chemistry, Tripura University, Agartala (March 29-31, 2001).

K M Rao contributed a paper entitled "Synthesis of $[(\text{HMB})\text{RuCl}_2]_2$ dimer and its reactions with terpyridine ligands" for poster presentation in the Third National Symposium in Chemistry held during February 2-4, 2001 at the Department of Chemistry, Punjab University, Chandigarh.

Visiting Professors/Fellows:

Prof. O K Medhi, Department of Chemistry, Gauhati University, Guwahati (i) gave a seminar on "Electron Transfer of Heme in Micelles" (17 April 2000); (ii) delivered 5 Lectures on "Bioinorganic Chemistry" to the participants of the 16th Refresher Course in Chemistry (24-27 July, 2000).

Prof. B Chakravarty, Department of Chemistry, University of Kalyani, Kalyani, gave a seminar on "Reaction Mechanisms of Multinuclear Complexes" (19 April, 2000).

Prof. Nityananda Saha, Vice-Chancellor, University of Kalyani, Kalyani, gave a seminar on "Transition Metal Ion complexes of Pyrazolyl thiosemicarbazones and Dithiocarbazates of Therapeutic Implications" (2 May, 2000).

Dr. P K Gogoi, Department of Chemistry, Dibrugarh University, Dibrugarh delivered 5 lectures on "Inorganic Chemistry" to the participants of the 16th Refresher course in Chemistry (10-13 July, 2000).

Prof. I Haque, Department of Chemistry, Dibrugarh University, Dibrugarh, delivered 5 lectures on "NMR" to the participants of the 16th Refresher course in Chemistry (13-15 July, 2000)

Dr. K K Dwivedi, Vice-Chancellor, Arunachal University, Itanagar, delivered 2 lectures on "Environmental Pollution" to the participants of the 16th Refresher course in Chemistry (17-18 July, 2000).

Prof. T S B Narasaraaju, Visiting Professor, Nagarjuna University, Guntur, delivered 5 lectures on "Electrochemistry" to the participants of the 16th Refresher Course in Chemistry (17-22 July, 2000).

Prof. P S Kalsi, Retired Professor of Chemistry, Punjab Agricultural University, Ludhiana, (i) delivered 6 lectures on Molecular Architecture of Some Natural Products in Relation to their Chemistry, IR Spectroscopy and Chemistry of Natural Products, and Prochirality to the participants of 16th Refresher Course in Chemistry (17-30 July, 2000). (ii) delivered 10 lectures on Stereochemistry to the M.Sc. students (12-18 November, 2000)

Prof. P J Das, Department of Chemistry, Gauhati University, Guwahati, delivered 5 lectures on Stereo Differentiating Reactions, Enzyme Reaction Mechanism and Solid Phase Organic Synthesis to the participants of the 16th Refresher course in Chemistry (24-27 July, 2000).

Prof. R C Srivastava, Emeritus Scientist, BITS, Pilani, Visiting Professor, delivered 6 lectures on Non-equilibrium Thermodynamics to the M.Sc. students (6-11 November, 2000).

Prof. Saswati Lahiri, Department of Organic Chemistry, Indian Association for the Cultivation of Science, Jadavpur, gave a Seminar on "Photochemistry: An Exploratory Study" (29 November 2000).

Dr. L Warjeet Singh, Department of Chemistry, Manipur University, Imphal, Visiting Fellow, delivered lectures in Organic Chemistry to the M.Sc. students (24 May to 30 June, 2000).

Publications:

Dev, S, Gunaseelan, K and Ismail, K 2000. Micellization of Surfactants in Acetamide Melt, *Langmuir*, 16, 6110-6113.

Gunaseelan, K, Dev, S and Ismail, K 2000. Estimation of Micellization Parameters of Cetylpyridinium Chloride in Water Using the Mixed Electrolyte Model for Conductance, *Indian J. Chem.*, 39A, 761-764.

Susan, R H, Swaroop Chetry, Jayasree, V and Bhat, S N 2000. Effect of Solvents and Temperature on the Critical Micellar Concentration of Sodium Dodecyl Sulfate and Cetylpyridinium Chloride, *J. Ind. Chem. Soc.*, 77, 478.

Saikia, R M, Dutta, R K and Bhat, S N 2000. Dye-Surfactant Interaction near CMC: Phenozinium Dyes-Sodium Dodecyl Sulfate, *Ind. J. Chem.* 39A, 000.

Das, S and Mahanti, M K 2000. Kinetics and Mechanism of Oxidation of Cyclohexanone by Quinolinium Dichromate, *Oxidation Communications*, 23, 495-499.

Chaubey, G S and Mahanti, M K 2000. Kinetics and Mechanism of Oxidation of Valeraldehyde by Quinolinium Dichromate, *Oxidation Communications*, 23, 500-504.

Gupta, A K, Poddar, R K and Gupta, A 2000. Synthesis and Characterization of Dinuclear Ruthenium(II) Complexes with 4,4'-Bipyridine as Bridging Ligand, *Ind. J. Chem.*, 39A, 1187.

Gupta, A K, Poddar, R K and Choudhury, A 2000. Synthesis and Characterization of Dinuclear Ruthenium(II) Complexes with Dianion of 2,5-dihydroxy-1,4-benzoquinone as Bridging Ligand, *Ind. J. Chem.*, 39A, 1191.

Peter, G S D and Duncan, R H 2000. Generation, Structure and Reactivity of Arynes: A Theoretical Study, *Proc. Indian Acad. Sci. (Chem. Sci.)*, 112, 97-108.

Buam, D M L and Lyngdoh, R H D 2000. Self-Associative Base Pairing in Some Nitrogen Heterocycles: A PM3 SCF-MO Study, *J. Molec. Struct. (THEOCHEM)* 505, 149-159.

Munro, O M, Guffo, J A S, Tyrk, I T and Rao, K M et.al. 1999. Two Crystalline forms of Low Spin $[\text{Fe}(\text{TMP})(5\text{-MeHIm})_2]\text{ClO}_4$. Relative Parallel and Perpendicular Acid Ligand Orientation, *J. Am. Chem. Soc.* 121, 11144-11155.

Rao, K M and Rymmai, E K 2001. Synthesis of Cyano Bridged Bimetallic Complexes of η^5 -Indenyl Ruthenium (II): Characterization and Spectroscopic Studies, *Proc. Ind. Acad. Sci. (Chem. Sci.)*, 113, 29-33.

Study Tour/Field Trips : The Department organised a study tour for the M.Sc. students during the period 2nd to 24th January 2001. 28 students participated in the tour and it was led by Dr. K M Rao. Mr. G K Rajat, a non-teaching staff member of the Department accompanied the group to assist the team. The team visited BARC, TIFR, IIT, and some Chemical laboratories in Mumbai, IISc, Raman Research Institute and Jawaharlal Nehru Centre for Advanced Scientific Research in Bangalore, Univ.of Hyderabad, Reddy's Research Foundation and Hi-tech city in Hyderabad.

Thrust Area of Research: Chemical Dynamics, Natural Product Chemistry, Coordination Chemistry and Homogeneous Catalysis, Theoretical Organic and Bio-organic Chemistry, Chemistry of Porphyrins and Related Systems, Chemistry of Surfactants, Transport Behaviour of Supercooling Systems, Organometallic Chemistry.

Research Programme/Project :

The ongoing research projects in the Department are (i) A DST sponsored Project entitled, "Synthesis and Structural Studies on (η^5 -Cyclopentadienyl and azacyclopentadienyl) ruthenium (II) bisphosphine complexes" (Dr. K.M. Rao: Principal Investigator). (ii) A NEC sponsored interdisciplinary Research Project on Biodiversity of North East (Dr. B. Myrboh: Coordinator).

Other Activities: (i) The Department conducted its 16th Refresher Course for University/ College Teachers during the Period 7th to 28th July 2000. 26 teachers attended this course. Dr. A Lemtur was the Course Coordinator for this Refresher Course. (ii) Dr. B Myrboh took over charge as the Faculty in-charge, RSIC, NEHU, Shillong. (iii) Prof. S N Bhat was invited to the Department of Chemistry, Tripura University, Agartala during February 1-20, 2001 and gave lectures on Spectroscopy to M.Sc. students. (iv) Prof. S N Bhat continued to be a member of the UGC Chemistry Panel. (v) Prof. K Ismail was invited to the Department of

Chemistry, Dibrugarh University, Dibrugarh during October 31st to November 5th 2000 and gave lectures on Computer Applications in Chemistry to the M.Sc. students. (vi) Dr. R K Poddar and K Ismail were resource persons in the Refresher course in Chemistry conducted by the Department of Chemistry, Gauhati University, Guwahati (from 19-12-2000 to 8-01-2001). In this Refresher Course Dr. R K Poddar delivered 5 lectures on Symmetry, Group Theory and its Applications, and Applications of Infrared Spectroscopy and Prof. K. Ismail delivered 3 lectures on Statistical Thermodynamics.

DEPARTMENT OF MATHEMATICS

The department offers M.Sc./M.Phil and Pre Ph.D. courses in different fields of Mathematics like algebra, analysis, differential equations, topology/geometry, number theory, theory of relativity and cosmology and oceanography. It gives two computer courses in M.Sc. and also pursues research in computer aided approach to mathematical research in number theory, cosmology, algebraic and differential topology and oceanography.

Head : Prof. S K Srivastava.

Faculty :

Professors :	S S Khare, M.Sc.,Ph.D.(Allhd.)
	M B Rege, M.Sc.,Ph.D. (Bom.)
	S K Srivastava, M.Sc.,Ph.D. (Gorak)
	H K Mukerjee, M.Sc.,Ph.D.(Allhd.)
Readers :	P K Saikia, M.Sc.(Delhi), Ph.D.(Wis)
Lecturers :	S L Marbaning M.Sc.(Gau)
	C R Mondal, M.Sc.,Ph.D.(V.B)
	A K Das, M.Sc.,Ph.D.(NEHU)
	R P Shukla, M.Sc.,Ph.D. (Allhd.)

Student Intake :

a) Enrolment capacity :	30
b) Actual Admission :	SC/ST/Genl. Male/Female Total
	21 09 20 10 30

Courses Conducted : Linear algebra, Analysis I, Ord. Diff. Equations, Classical Mechanics, Application of Mathematics in Environmental Studies, Analysis II, Topology, Partial Diff. Equations, Algebra I. Complex Function Theory, Computer Programming, Topics in Algebra, Theory of Relativity. Elementary Number Theory, Computer Numerical Analysis, Differential Geometry, Functional Analysis

Seminars/Conferences (Attended) :

S S Khare gave (i) an invited talk on "Grassmannian manifolds" at the Annual Conference of IMS at Aurangabad, in December 2000; (ii) an invited talk on "Equivariant bordism and

fixed points set" at the Annual Conference of Bharat Ganit Parishad at Lucknow in January, 2001; (iii) invited talk on "Bounding and Independence of Grassmannian manifolds" at Delhi University, in January, 2001; (iv) an invited talk on "What fixed points say about bounding of manifolds"? at Gorakhpur University in February 2001.

H K Mukerjee gave (i) an invited talk on "Surgery Techniques in the classification problems of Manifolds" at the Annual Conference of IMS at Aurangabad in December 2000; (ii) an invited talk on "The Classification of 3-dimensional manifolds" at the Annual Conference of the Bharat Ganit Parishad, at University of Lucknow in January 2001. (iii) an invited talk on "Some aspects of 3-dimensional manifolds" at the National Instructional Conference on Low dimensional Topology at Allahabad in December 2000. (iv) 2 invited lectures on "Hyperbolic geometry", at the seminar on topological method in Group theory, at the Harish Chandra Research Institute, Allahabad in January 2001.

A K Das gave an invited talk on "Dold and Milnor manifolds" at the Annual Conference of IMS at Aurangabad in December 2000.

Visiting Professor/Fellows: Prof. J M Ball, Oxford University, U.K.

Publications :

Srivastava, S K (2000) "Riccion from higher-dimensional space-time and one-loop re-normalization", *Int. J. Mod. Phys. A*, 16, 2917-2932.

Khare, S S and Das, A K (2000) "Which Milnor Manifolds bounds"?, *Indian J. Pure appl. Math.* 31, 1503-1513.

Study Tour/Field Trips : The Department organised a study tour to Kyrdemkulai for M.Sc. students on 11 November 2000.

Thrust Areas of Research : Theory of Relativity and cosmology, Algebraic Topology, Algebra, Number Theory and Oceanography.

Research Programme/Project : (i) D.S.T. Project entitled "Application of Computer Technique in Algebraic Topology : Functional coding and effective Homology" sanctioned jointly to Prof. S.S. Khare and Dr. A K Das. (ii) Quantization of fields in curved space - time, physical aspect of RICCI SCALAR and the early universe. Sanctioned to Prof. S K Srivastava.

Other Activities : The Department conducted a training programe for college and School teachers for the Mathematics Olympiad. In addition, Mathematics Olympiad at the regional and national levels have been conducted, and the necessary training has been given to the students for the same.

DEPARTMENT OF PHYSICS

The Department of Physics was established in 1976 with a view to build scientific manpower in this part of the country consistent with the NEHU Act.

In the course of several years the Department could attract a wide spectrum of talented faculty and has identified Nuclear Physics (Experimental and Theoretical), Laser Physics (Experimental), Solid State Physics (Experimental and Theoretical) and High Energy/Particle Physics (Theoretical) as the thrust areas in its teaching and research programmes. These areas are also included in the list of thrust areas by the Department of Science and Technology, Government of India.

Head: Prof. Y S T Rao

Faculty:

Professors :	A L Verma, ** M.Sc. (L.now), Ph.D. (IIT Kanpur)
	C S Shastri, M.Sc. (Karn.), D. Phil. (Calc.)
	Y S T Rao, M.Sc. (Andh.), Ph.D. (Maryland)
	P Shukla, M.Sc. (IIT Delhi), Ph.D. (Temple)
	K Kumar, M.Sc. (Agra), Ph.D. (IIT Kanpur)
Readers :	Y S Jain, M.Sc. (Agra), Ph.D. (IIT Kanpur)
	D T Khathing*, M.Sc. (Delhi), D. Phil (Calc)
	P N Pandita, M.Sc., Ph.D. (Kashmir)
	M K Parida, M.Sc., Ph.D. (Utkal)
	B M Jyrwa, M.Sc., Ph.D. (NEHU)
	P Nongkynrih, M.Sc. Ph.D. (NEHU)

**On deputation as Director, NERIST, Itanagar since November 2000.

*On deputation from the Department, as Head, Regional Sophisticated Instrumentation Centre (RSIC) NEHU, Shillong. Also on deputation as Registrar, NEHU since mid. December 2000.

Student Intake:

a) Enrolment capacity:	26
b) Actual Admission:	SC/ST/Genl. Male/Female Total
	18 8 18 8 26

Degrees Awarded: Ph.D.

Arpita Das: "Relaxation Studies and Intermolecular Interaction in some Complex Molecules". Supervisor : Dr. K Kumar.

Inti Wati Jamir: "Study of Heavy Ion Collision Processes using different Theoretical Models". Supervisor: Dr. C S Shastri.

Bornali Purkayastha: "Investigation in Supersymmetric and Non-supersymmetric Unified Theories". Supervisor: Dr. M K Parida.

Anita Bhattacharjee: "Quantum Mechanical Tunneling in Multidimensions". Supervisor: Dr. Y S T Rao.

Funds received from agencies other than UGC/NEHU: Department of Science and Technology, Department of Atomic Energy = Rs. 4.5 lakhs.

Courses Conducted : Classical Mechanics, Quantum Mechanics 1 & 2, Mathematical Physics, Classical Electrodynamics, Electronics Atomic & Molecular Physics; Solid State Physics, Nuclear Physics; Laboratory I,II,III, Thermal Physics; Experimental Techniques; Many Body Theory, Optional Laser Physics; Solid State Physics; Nuclear Physics; High Energy Physics; Environment Project Work.

Seminars/Conferences (Attended) :

C S Shastri presented 2 papers (Co-author : B.Sahu) titled "Dispersive Optical Potential, Fusion and Resonances in $^{12}\text{C}+^{12}\text{C}$ Reaction" and Dispersive Optical Potential, Fusion Barrier Distribution in $^{16}\text{O}+^{208}\text{Pb}$ Reaction, at the International Conference on Nuclear Physics BARC, Mumbai (December 2000).

P Shukla (i) attended "Condensed Matter Days 2000" and gave an invited talk at Guru Ghasidas University, Bilaspur August 2000. (ii) attended "International Discussion Meeting on Mesoscopic and Disordered Systems", Bangalore December 2000.

M K Parida gave (i) a Plenary Talk on "Renormalization of Two Neutrino mixing: Analytic Formula and Fixed Point" at Golden Jubilee Workshop on Neutrino "Neutrino 2000" at SINP, Calcutta (August 2000). (ii) Invited Talk "Large Neutrino Mixing from Renormalization Group Evolution" at International Conference "Perspectives in Theoretical Physics", at P.R.L. Ahmedabad (January 2001). (iii) Plenary Talk "Models for neutrino masses and renormalization effects", National Conference on Neutrino Physics "Neutrino 2001" at Institute of Mathematical Sciences, Chennai (February 2001). (iv) Invited Talk "Einstein and Relativity" at DST Conference "Path Breaking Discoveries 1895-1905" at Centre for Science and Mathematics Education, NEHU (August 2000).

P N Pandita (i) attended the "XVIII International Symposium on Lattice Field Theory" at I.I.Sc., Bangalore (August 2000). (ii) Invited Talk "Baryon and Lepton Number Non Conservation" at Scientific Advisory Committee meeting of the IUCAA, Pune July 2000. (iii) a seminar "Baryon and Lepton Number Violation in Supersymmetric Theories" at DESY, Hamburg Germany (February 2001). (iv) seminar "Baryon and Lepton Number Non Conservation" at University of Vienna, Austria (January 2001). (v) was a member of the National Organizing Committee for "XIV Symposium on High Energy Physics, at Hyderabad (December 2000). (vi) was invited by IUCAA to attend the Workshop on "Neutron stars: Isolated and in Binary stars", Pune (July 2000).

Y S Jain gave two invited talks on "Discovery of Electron" at DST conference "Path Breaking Discoveries 1895-1905" at Centre for Science and Mathematics Education, NEHU (August 2000, October 2000).

P Nongkynrih participated at the International Symposium on "Nuclear Techniques in Integrated Plant Nutrient, Water and Soil Management" Vienna, Austria, 16-20 October, 2000.

Visiting Professors:

Dr. S K Gupta, a retired scientist from Bhabha Atomic Research Centre, Mumbai has joined as a Visiting Professor since September 2000 and is actively participating in the Teaching and Research Activities. He is also the current President of the Indian Physics Association.

Professor Bikas Chakraborty, Saha Institute of Nuclear Physics, Kolkata gave a seminar "Dynamics of Fracture and Earthquakes" on October 31, 2000.

Publications:

Shukla, P (2000) Exact solution of return hysteresis loops in a one dimensional random-field Ising Model at zero temperature, *Phys. Rev.* E62,4725.

Shukla, P (2001) Exact Expressions for minor hysteresis loops in the random-field Ising Model on a Bethe lattice at zero temperature *Phys. Rev.* E63,27102.

Balaji, K R S, Dighe, A S, Mohapatra, R N and Parida, M K (2000) "Generation of Large Neutrino Mixing from Radiative Corrections" *Phys Rev Letts*: 84(2000) 5034-37.

Das, C R and Parida, M K (2001). New Formulas and Predictions for Running Fermion Masses at Higher Scales in SM, MSSM and 2HDM, hep-ph/0010004 *European Physical Journal* C16.

Balaji, K R S, Mohapatra, R N, Parida, M K and Paschos, E.A. (2001). Large Neutrino Mixing from Renormalization Group Equation hep-ph/0011263, *Phys. Rev* D64.

Ananthanarayan, B and Pandita, P N (2000). Renormalization Group Evolution and Infrared Fixed Points in the Minimal Supersymmetric Standard Model with Baryon and Lepton Number Violation, *Phys. Rev* D62, 036009, 1-13.

Ananthanarayan, B and Pandita, P N (2001). Infrared Fixed Point Structure in the Minimal Supersymmetric Standard Model with Baryon and Lepton Number Violation. *Phys. Rev* D63 076008-1-036009-10.

Singh, A K and Nongkynrih, P (2000). Critical limit of Copper for predicting response of rice to Copper: Application on Wetland Rice Soils of Meghalaya, *J. Ind. Soc. Soil Sci* 48(2), 406-8.

Nongkynrih, P (2000). Evaluation and Management of Micronutrients for optimizing Rice Productivity in Valley Soils, *Book of Extended Synopses* IAEA-SM-367'59P, 115-116.

Research Programmes : The Department has ongoing research projects, sponsored by different funding agencies. The new research projects are :

P Shukla : 'Relaxation dynamics in a complex Landscape' by the Department of Science and Technology, New Delhi.

M K Parida : "Anomalous Magnetic Moment of charged Leptons and New Physics", Associateship Scheme of I.M.Sc. Chennai.

Other Activities:

Professor C S Shastry : (i) Chaired one session in the International Conference on Nuclear Physics on Dec 22, 2000; (ii) Delivered a set of six lectures to Ph.D. students at Nuclear Science Centre New Delhi July-Aug 2000, Mumbai; (iii) Selected as Visiting Associate Member of Nucl. Science Centre and continued on the Governing Council of Nucl. Science Centre; (iv) Visited Institute of Physics as a visiting scientist for four weeks Jan-Feb 2001.

Professor P Shukla was invited as Senior Associate of S.N. Bose National Centre for Basic Sciences, Kolkata (2000-2005). He also visited the Saha Institute of Nuclear Physics, Kolkata (Sept. 2000), Institute of Mathematical Sciences, Chennai, (Nov-Dec 2000), Harischandra-Research Institute, Allahabad (Dec 2000-Jan 2001), and the Tata Institute of Fundamental Research, Mumbai (Jan-Feb 2001) in connection with research work at giving seminars at all these research institutes.

Dr. P N Pandita (i) Visited IUCAA, Pune as Senior Associate July 6-Aug 10, 2000; (ii) Visiting Scientist I.I.Sc. Bangalore August 11-25, 2000 (iii) was invited as Member Review Committee for US-Indian Cooperative Research Project: Phenomenological Studies in the Standard Model and Beyond" by I.I.Sc., Bangalore.

Dr. M K Parida visited the Institute of Mathematical Sciences, Chennai as I.M.Sc-Associate, and was also awarded a Senior Associateship of this Institute.

SCHOOL OF SOCIAL SCIENCES

Of the five departments and one centre in the School, three departments, viz. History, Political Science and Sociology shifted into the Social Sciences Building in the Permanent Campus during the period under review. The construction of an additional floor to the building is in progress and when completed, which is expected to be early next year, the Centre will be able to move in. Two departments in the School, Public Administration and Psychology are located in Aizawl and are housed in temporary buildings. Efforts are also on to develop the School's infrastructure.

The academic programmes in all the departments continued without any interruption. All seats in the first semester had been filled and there were no significant dropouts in the other semesters. Meetings of the School Board, Boards of Post Graduate and Under-Graduate Studies had been regularly held.

CENTRE FOR CULTURAL AND CREATIVE STUDIES

The Centre for Cultural and Creative Studies consists of two Units namely the Creative Arts Unit and the Literary and Cultural Studies Unit.

The Creative Arts Unit established as a Centre in 1977, was created with the primary aim to provide incentives and promote art appreciation and art education in the region. In this context, various courses, workshops, symposia and seminars were conducted by the Centre to inculcate a systematic approach to the various aspects of art with emphasis on its utility appreciation and creativity. The Centre for Literary and Cultural Studies was started as a Centre during 1984. It was converted to the Unit for Literary and Cultural Studies during 1998. Owing to the retirement of Dr. Soumen Sen (Dec 1999) some of the activities of the Unit had to be reduced. However the Unit continued its programme of teaching the Course "Diploma in Folkloristics" and its research activities. In the teaching programme help was taken from Dr. D. L. Kharmawphlang and Mr. M. H. Barbhuiya from the Creative Arts Unit of the Centre. Help was also taken from Dr. Lucy Zehol of the Department of Anthropology. Emphasis was given to field work in the villages. The Project on Khasi Jewellery was continued.

Head : Professor Helen Giri

Faculty Position:

Professor : Helen Giri, MA, B.T., Ph.D. (Gau) (I/c Unit for Creative Studies)
Lecturers : Desmond L Kharmawphlang, MA., Ph.D. (NEHU)
M H Barbhuiya, B.Fine (WB)
P Jhingan, M.A (JNU) (I/c Unit for Literary and Cultural Studies)

Course Conducted : Unit for Literary & Cultural Studies

- a) Certificate Course : nil.
b) Diploma Course : Diploma in Folkloristics.

Student Intake :

a) Enrolment capacity : 15
b) Actual admission :

SC/ST	Genl.	Male	Female	Total
15	-	7	8	15

Extension Lectures:

Prof. Helen Giri - "The Contribution of Bishnu Prasad Rava": Directorate of Cultural Affairs, Govt. of Assam, 20th June 2000.

Seminars/Workshops: Organised :

- (i) Seminar on "U Babu Jeebon Roy" on 27 March 2000, in collaboration with the Jeebon Roy Memorial Welfare Institute, highlighting on the life and contributions of Babu Jeebon Roy in the moulding of the 100 year old Seng Khasi institution, at Bijni Complex, NEHU.
(ii) Seminar on "Evolution of Khasi Democracy: Its Relevance in the Modern Context" in collaboration with the Jeebon Roy Memorial Centenary Celebration Committee, on 21 November 2000 at Art & Culture Hall, Shillong.

Attended :

Helen Giri (i) participated as resource person in the Regional Seminar on "Fashion and Garment Trade: Potential & Job Avenues" on June 14, 2000 at Shillong: organised by Millennium Publications and North-East Development & Finance Institution; (ii) presented, jointly with Lapyngshai Syiem, a paper entitled "The Nongkrem Festival" in the Seminar on "Traditional Religious Beliefs, Practices and Ceremonies of the People of Meghalaya: organised by the Department of Art & Culture, Govt. of Meghalaya, Shillong on 11 & 12 July 2000; (iii) presented a paper entitled "Khasi Musical Instruments" in the seminar on "Revival of Traditional Art & Craft" organised by Lympung Ki Seng Kynthei on 13 October 2000, Don Bosco Hall, Shillong; (iv) participated as resource person in the Refreshers' Course on "Khasi Literary Techniques": Khasi Department, NEHU on 13 & 14 March 2001 and delivered lecture on "Khasi Folk Music"; (v) participated as resource person in the "Modular Training Workshop in Folklore Research" organised by PROFRA from 20 to 27 March 2001, Shillong and delivered lecture on "Folk Music".

Desmond L Kharmawphlang participated (i) as Resource Person in the Workshop on Trans-

lation of Oral and Traditional Literature held from 31 March to 4 April 2000 at Guwahati organised by the National Museum of Mankind, Bhopal; (ii) in a Poets' Meet held on 25 July 2000 organised by the Sahitya Akademi Regional Office, Calcutta; (iii) as Resource Person in the Film Production Workshop organised by the Electronic Media Production Centre of Indira Gandhi National Open University held in New Delhi from 31 October to 3 November 2000; (iv) in the 21st Indian Folklore Congress held from 11 to 13 December 2000 at Guru Nanak Dev University, Amritsar organised by the Punjabi School of Studies, GND University, Amritsar; (v) Chaired a Seminar session on Folklore organised by the North East Writer's Forum at Itanagar on 8 March 2001; (vi) coordinated the Modular Training Workshop in Folklore Research 2001 organised by PROFRA, NEHU, Shillong from 20 to 27 March 2001; (vii) organised and participated in the ENSEMBLE 2001: A Festival of North East Poetry held on 30 & 31 March 2001.

M H Barbhuiya Participated (i) in the UGC Refreshers' Course in the Fine Arts at Kala Bhavan, Visva Bharati University, Santiniketan, West Bengal from 24 January to 16 February 2001. (ii) as resource person in the "Modular Training Workshop in Folklore Research" organised by PROFRA from 20 to 27 March 2001 and delivered a talk with slide show on "Folk elements in Contemporary Indian Paintings" on 24th March 2001.

P Jhingan attended and read a paper : "Deferral of meaning - a study of performance texts of transcreated version of La lecon by Eugene Ionesco to its Hindustani version" in the National Seminar on Interpretation of texts organized by the Central Institute of English & Foreign Languages , Shillong, 18-20 Oct , 2000 .

Publications :

Jhingan, P *Ghaat Ghaat Kaa Paani*, Sanjay Book Centre, 2001. Varanasi.

Film

Jhingan P (Director). *Khasi Archery - A Descriptive Study* Shillong. 2001 (C) P Jhingan. Research Programmes/Projects :

Project of the Literary and Cultural Studies Unit :

1. A Pictorial Study of Khasi Jewellery - P Jhingan is working on the project.

P Jhingan. (i) The Nongkrem Festival was audited during 9 November 2000. This was done as a part of Semiotic Study of dances during this festival. A digital video film for the entire duration was filmed. (ii) Completed the Project "A Descriptive Study of Archery of the Khasi", sanctioned by the Dean's Committee. During the early years video films in the various places in Shillong were undertaken. Also a video and still film team of three professionals were taken to the village Khadarshnong and Nongkynrih on 29 November 1999. The final edited version of the film was received in 2001. An album with photographs of Khasi Archery has also been completed.

Other Activities : The Unit for Creative Arts unit undertook a video documentation of the Folk dances of some of the tribes of Nagaland at Tuensang on 29th and 30th November

2000, for the Centre's Video Documentation Bank. The dances were performed by the Chang Naga tribe of the region.

In collaboration with the Meghalaya State Govt., the Centre was involved in organising the Cultural Programme presented by the Himachal Pradesh Cultural Troupe at the four centres of Nongpoh, Sohra, Pynursla and Shillong from 12th to 18th January 2001.

On the occasion of the North-East Orthopaedic Surgeons Conference held in Shillong on 9th and 10th March 2001, Creative Arts presented three cultural items at the Cultural Programme held on 9th March 2001.

In collaboration with Sahitya Akademi, Regional Office, Calcutta, the Centre organised "Ensemble 2001 - A Festival of North East Poetry" on 30th and 31st March 2001 at NEHU Bijni Complex, Shillong.

Professor Helen Giri (i) nominated as Member, Programme Advisory Committee, All India Radio, Shillong, w.e.f. 11 July 2000 by the Directorate of All India Radio, New Delhi. (ii) Nominated as member to the Advisory Committee for Khasi Customary Laws : Khasi Hills District Council from 12 July 2000. (iii) Conducted Research Documentation of some of the "Tales of Khyriem", September 2000. (iv) Conducted Research Documentation of the dances of four tribes of Nagaland - Phom, Sangtam, Yimchunger and Khiamnungen : Tuensang, 29 & 30 November 2000.

M H Barbhuiya (i) 18 numbers pen & ink drawings (size 15 cm x 15 cm) used as illustration in a book entitled "Shillong Diary", published by Kourab Prakashani, Calcutta in 2001. (ii) Reproduction of a painting (oil on canvas) entitled "Rootless" is used on the cover of the book entitled "Migrants and Refugees in South Asia", published by NEHU Publication, 2001. (iii) Underwent a one-week training from 2 to 8 February 2001, in the New Medium "Enamel Painting" under the guidance of N. Mukherjee, Head, Department of Painting, Kala Bhavan, Visva Bharati. The said medium has been introduced for the first time in the field of contemporary painting in India.

P Jhingan attended a refresher course in Linguistics at the Central Institute of English & Foreign Languages (CIEFL), Hyderabad from 11.9.2000 to 1.10.2000.

The Unit for Literary and Cultural Studies undertook a field trip with students to the villages of Smit and Nartiang.

DEPARTMENT OF HISTORY

Established in 1974 the Department of History has been organised, as its placement in the School of Social Sciences would suggest, on the concept of history as a social science. Its character, distinguished by an emphasis on the study of peoples and regions with

particular reference to social and cultural development is with special reference to India and within it, North-East India. The objective of the Department's academic programme are : (i) to provide at Master's level a broad knowledge of human history. (ii) to promote historical research in hitherto unexplored areas, especially in the North-Eastern Region through its M.Phil/Ph.D programmes and faculty member's research. The Department has played a crucial role in laying the foundation of regional studies. The Department is now recognised as the leading centre in the country for historical studies of North-Eastern region. In 1996 the Department was brought under the Special Assistance Programme of the UGC and it is hoped will develop into a Centre of Advanced Study in North-East Indian Studies.

Head : Professor J B Bhattacharjee

Faculty Professors: J B Bhattacharjee, M.A., Ph.D. (Gau.)
J P Singh, M.A., Ph.D. (BHU)
Imdad Hussain, M.A., Ph.D. (Gau.)
Readers : D R Syiemlieh, M.A., M.Phil., Ph.D. (NEHU)
M Momin, M.A., M.Phil., Ph.D. (JNU)
M Sharma, M.A. (Gau.), Ph.D. (NEHU)
F A Qadri, M.A., M.Phil., Ph.D. (Alig)
Lecturers : C Mawlong, M.A., Ph.D. (NEHU)
V R Rengsi, M.A., M.Phil. (NEHU)
A N Passah, M.A., M.Phil. (NEHU)
T Gurung, M.A., M.Phil., Ph.D. (NEHU)

Student Intake :

a) Enrolment capacity : 50
b) Actual admission : SC/ST Genl. Male/Female Total
M.A. 49 1 22 28 50
Ph.D. 7 3 6 4 10

Degrees awarded : Ph.D.

Shobhan N Lamare "The Jaintia Resistance of 1860-1863". Supervisor : Dr. D R Syiemlieh.

Arunima De, "Student Movements in Assam : A Case Study of the Barak Valley from 1947-73". Supervisor : Dr. Manorama Sharma.

Courses Conducted :

M.A. : Historiography, Pre Historic and Proto Historic Societies, Ancient Societies, Pre-Industrial Societies and Social Institutions, Capitalism and Colonialism 16th - 19th Centuries, Imperialism and Nationalism in the 1st half of the 20th Century, Evolution of Modern Indian Societies (1958-1947), Socio-Economic and Political Development in N.E. India, Ancient Indian Social and Economic History, Political Theory and Institutions in Ancient India, Religion and Society in Ancient India, Introduction to Archaeology, Religion and Society in Medieval India, Economy and Society in India (650-1400 A.D.), Agrarian Unrest in Medieval India, British Expansion in India, British Imperialism in India, Peasant Movements in Modern

India, British Policy in N.E. India, Political Development in N.E. India, Government and Politics in N.E. India, Economic History of N.E. India, Polity Formation in N.E. India, Neolithic and Chalcolithic Cultures of N.E.India, History of Ideas, Modern U.S.A., Rise of Modern Japan.

M.Phil. : 1. Historical Thought. 2. Historical Method. 3. Dissertation.

Seminars/Conferences Organised :

The Department conducted a Refresher Course for college and university teachers from 17 August to 6 September 2000 on the theme "Women in History". Dr. Manorama Sharma was the coordinator.

As part of the 25th Anniversary of the History Department, a seminar sponsored by NEHU and NERC-ICSSR on "Status of Historical Research in North East India", was held between 13-14 October 2000. Dr. Manorama Sharma was the seminar coordinator.

Attended :

J B Bhattacharjee : Attended (i) session of the North-East India History Association held at Manipur University 9-12 November 2000 and presented a paper "The North East Policy of Lord William Bentinck : The other face of the Liberal Governor-General". (ii) 61st session of the Indian History Congress held at Calcutta University, Calcutta, 2-4 January 2001, and presented a paper "Minutes of Lord Dalhousie on Naga and Garo Policy : Other Face of the Expansionist Governor-General" (iii) Delivered the Keynote Address at the seminar "Status at Historical Research in North East India", organised by the Department of History, NEHU, October 2000. (iv) Delivered the Keynote Address, "The Response of North East to the INA Movement" at the Netaji Celebration held at Hojai, Assam 23-25 January 2001. (v) Presented paper "State and Society in Medieval North East India at the seminar organised by PIHPSC, New Delhi, 29-31 March 2001. (vi) NCERT Workshop on "Social Sciences in Schools for Upper Primary and Secondary Levels", New Delhi, 24-29 March 2001 as resource person.

J P Singh : (i) Presented a paper entitled "Medieval Coins of North East India and Haragauri", at the National Seminar on Siva in Art and Literature held at PVRI, Varansi, May 9-11, 2000. (ii) Presented a paper entitled "Danas of the Ahoms" at the 61st session of the Indian History Congress in Calcutta, January 2-4, 2001.

Imdad Hussain: presided over a session during the "International Seminar on Human Movement : The Nepalese in India with Special Reference to North-East India", held in Shillong during 13-15 March 2001.

D R Syiemlieh : (i) Fulbright Visiting Scholar Conference "Modern Democracy in a Changing World", Washington DC, 12-15 April 2000. (ii) Nineteenth Annual Conference of the Congregations of the Holy Cross, St. Mary's College, Notre Dame, 9-12 June 2000, presented a paper "Keeping in Touch : The Bengalese Magazine.1919-1956". (iii) Seminar on The Status of Historical Research in North East India, Department of History NEHU, 13-14 October 2000, presented a paper "Status of Historical Research in NEHU : Colonial to Post Colonial".

(iv) 21st Annual Conference of the North East India History Association, Manipur University, 9-12 November 2000, presented a paper, "The American Baptist Medical Mission in North East India". (v) 61st Annual Conference of the Indian History Congress, Calcutta University, 2-4 January 2001, presented a paper, "Christian Missions : Their Contribution to the Development of North East India".

M Momin : (i) Participated in the Seminar on Status of Historical Research in North East India, organised by the Department of History, NEHU, on the occasion of the Department Silver Jubilee Celebration, 13th - 14th October, 2000. Presented a paper "Status of Historical Research in NEHU, with Reference to Works on the Pre-Colonial period". (ii) Participated in the 21st Session of NEIHA at Imphal, 8th - 12th November 2000. Presented a paper, "Rethinking Varnassamadharma in Kamarupa".

Manorama Sharma : (i) Attended and presented paper entitled "Women, religion and the Question of Empowerment", in a U.G.C., sponsored national seminar on, "Women and Political participation in North East India" organised by Women's College, Shillong, from 4th November - 1st December, 2000. (ii) Presented paper entitled, "Gender as an Emerging Historiographic Tradition", in NEHU & ICSSR-NERC sponsored Seminar on, Status of Historical Research in North East India organised by Department of History, 13-14th October 2000. (iii) Presented paper entitled, "Community Violence and Gender Rights : A Historical overview", in National Seminar on, Community, Violence and Democracy, 17-19 April, funded by NEHU, IDC Chandigarh, and Women's College Shillong. (iv) Acted as a resource person in an interactive programme in, Gender and Women's Consciousness, at Government Women's College, Hyderabad organised by Dr. M. Vanmala, Department of Economics, Govt. Women's College Hyderabad, on 6th February 2001.

F A Qadri : Attended (i) the XXXVI International Congress of Asian and North African Studies, 27 August - 2 September 2000 at the University De Montreal, Canada and presented a paper on the "Thought Content of Shatheri Sufism". (ii) a two day Conference on, Muslims of Europe in the New Millennium : Multiculturalism, Identity and Citizenship organised jointly by Association of Muslim Social Scientist (U.K) & Islamic Culture Centre of Ireland, at Regent's College, London, September 9-10, 2000. Amena Nora Passah : (i) 21st Annual Conference of North East India History Association, Manipur University, 9 -12 November 2000, paper presented "Welsh Presbyterian Lady Missionaries and their Khasi-Jaintia Counter parts". (ii) UGC Sponsored National Seminar on, Women and Political Participation in North East India, organised by Women's College, Shillong 30th November - 1st December 2000, presented paper, "Factors Influencing Lukewarm Political Participation of Khasi-Jaintia Women". (iii) International Seminar on Human Movements : The Nepalese in North East India organised by Area Studies on North East India and its Neighbouring Countries (ASNINC) and Department of Sociology, NEHU, Shillong. March 13-15, 2001, paper presented, "Nepali Diaspora - A Study of Nepali Christians in Khasi-Jaintia Hills".

Tejimala Gurung Nag : (i) XXI NEIHA Annual Conference at Manipur University, Imphal 9-11 November 2000. Presented a paper "Neo-Vaishnavism and the Eighteenth Century Crisis in Assam". (ii) International Seminar on Human Movement : The Nepalis in India with Special

Reference to North East India, organised by Area Studies on North East India and its Neighbouring Countries (ASNINC) and Department of Sociology, NEHU, Shillong. March 13-15, 2001, Shillong. Presented a paper, "Human Movement and Colonial State : A Study of the Nepalis in North East India".

Publications :

Bhattacharjee, J.B. *Trade and Colony: The British Colonization of North East India*, NEIHA, Shillong, 2000. "Arun Kuman Chanda and Trade Union Movement in Assam", *Proceedings of NEIHA*, Dibrugarh, 2000, pp. 144-152.

Bhattacharjee, J B "Suramasa of Panini", *Journal of North-East India Social Science Research*, Vol. 25, No. 1, 2001.

Bhattacharjee, J B "Barak Upatyaka : Bahaman Itihaser Dhara" (co-author : Sanjib Deb Laskar), *Samayik Prasanga* (in nine instalments), vol.23, Nos. 53 - 61 October-November, 2000.

Bhattacharjee, J B "Regional Organisations and National Awakening" in Arun Bhuyan (ed), *Nationalist Upsurge in Assam*, Government of Assam, Guwahati, 2000.

Singh, J P "Varakamadaladhikarana", in K.V. Sharma *Commemoration Volume*, Delhi, 2000.

Hussain, I "Resistance, Pacification and Exclusion : The Hill People and the Nationalist Upsurge" in A.C. Bhuyan (ed) *Nationalist Upsurge in Assam*, Guwahati 2000.

Syiemlieh, D R "Indigenous Roots : Hajjom Kissor Singh and the founding of Unitarianism in the Khasi-Jaintia Hills", in O L Snaitang (ed), *Churches of Indigenous Origin in North East India*, MIIS, Mylapore, 2000, pp. 150-157.

Syiemlieh, D R "More on the Thomas Jones Saga", *Proceedings of NEIHA*, Twentieth Session, Dibrugarh, 1999, Shillong 2000, pp. 200-203.

Syiemlieh, D R "Status of Historical Writing in Khasi", J.P. Singh et,al, (eds), *Status of Social Sciences in the Vernacular Languages of North East India*, NERC-ICSSR, Shillong 2000, pp. 71-78.

Syiemlieh, D R Survey of Research in History on North East India 1970-1990, NERC-ICSSR, Shillong, 2000.

Syiemlieh, D R with Singh, J P and Thomas, C J (eds.), *Status of Social Sciences in the Vernacular Languages of North East India*, NERC-ICSSR, Shillong, 2000.

Syiemlieh, D R, Marjorie Sykes, An Indian Tapestry : Quaker Threads in the History of India, Pakistan and Bangladesh, York, England, 1997, *The Indian Historical Review*, Vol.XXVII, No.1, January 2000, pp. 125-126.

Sharma, M *Historiography in North East India : Assessing Surya Kumar Bhuyan, (Co-Author Shiela Bora), NEIHA Proceeding, Shillong, 2000.*

Sharma, M "Gender and History : Necessity of a Methodology for Gender Neutral Reconstruction", *Proceeding of NEIHA, XXth Session 2000*; pp. 30-35.

Thrust Area of Research : North East India/Regional History.

Research Programme/Project : The faculty members continued their research under the Special Assistance Programme on specific projects to collectively prepare a comprehensive history of North East India.

Other Activities : Dr. David R Syiemlieh continued to be on Sabbatical Leave till October 2000 to avail a Fulbright Fellowship at Notre Dame University. Professor J.P. Singh delivered a lecture on the History of the Ahoms, in the Department of History, Mahatma Gandhi Kashi Vidyapeeth, Varanasi, 19 February, 2001.

DEPARTMENT OF POLITICAL SCIENCE

Established in 1974, the Department of Political Science aims at building an academic community of students, researchers and teachers devoted to an open, critical and analytical study of the discipline with an emphasis on the inter-disciplinary approach. It also aims at making the P.G. courses and research work socially-relevant and to develop in the students an awareness of the basic issues and problems in the discipline and to equip them intellectually to fulfill these needs.

With a sanctioned strength of 11 faculty members the Department has 80 students on its rolls at the M.A. level. The Department also provides research facilities leading to M.Phil and Ph.D degrees.

Head : Professor L S Gassah

Faculty :

Professors:	R L Walli, M.A. (J&K), Ph.D. (Delhi) A K Baruah, M.A., Ph.D. (Panj) R Borgohain, M.A. (JNU), Ph.D. (Gau.) L S Gassah, M.A., Ph.D. (NEHU)
Readers:	B J Deb, M.A., Ph.D. (Gau.) Elizabeth Laitflang, M.A., Ph.D. (NEHU)(on leave)
Lecturers:	K Debbarma, M.A., Ph.D. (NEHU) P Malngiang, M.A., Ph.D. (NEHU) Susmita Sengupta, M.A., M.Phil, Ph.D. (NEHU) T T Haokip, M.A., Ph.D. (NEHU) B K Mohapatra, M.A. (Delhi), Ph.D. (JNU)

Student Intake :

a) Enrolment capacity :	40 per semester			
b) Actual admission :	SC/ST	Genl.	Male/Female	Total
	40	-	22 18	40

Courses Conducted : Political Theory - The Classical Traditions, Theories & Concepts in Public Administration, Government and Politics in India, Theory of International Politics. Political Theory - The Liberal Democratic Theory and Conservatism, Issues in Public Administration, Socio-economic Basis of the Indian Political system, Problems of International Politics. Political Theory - Contemporary Marxist Theory, Modern Political Analysis.

(Optional) : Any two : 1. International Law. 2. Traditional Government and Politics of the Hill Areas of North East India. 3. Issues in Indian Administration. 4. Research Methodology. Contemporary Political Theory : Major Issues, Comparative Politics.

(Optional) Any two : 1. International Organisation. 2. Government and Politics of the Hills Areas of North East India. 3. Modern Indian Political Ideas. 4. Foreign Policy. 5. Political Sociology. Contemporary Political Theory, Research Methodology and Environmental Studies.

Seminars/Conferences : Organised.

A K Baruah. A National Seminar on "Community, Violence and Democracy in N.E. India", on April 16-18, 2000 at NEHU.

L S Gassah. Jointly organised with History Department, NEHU, two distinguished public lectures on 31.10.2000 and 2nd November 2000 by Gen.(Retd) Vinod Saigal on 'Aspects of National Security' and Dr. Subhash C. Kashyap on 'Constitutional Development and Records'.

B J Deb. (i) Seminar on Land and People and Environment of Jaintia Hills, 5-6 June 2000. (ii) National Seminar on Food, Nutrition and Food Security in N.E. India 27-28 November, 2000 in the capacity of Treasurer, North East India Council for Social Science Research along with other office bearers of the Council.

Attended:

L S Gassah. National Seminar on Protective Discrimination organised by Anthropology Department, NEHU on behalf of Rajiv Gandhi Chair, NEHU (September 20-22, 2000) and presented a paper on 'Autonomy and the Sixth Schedule in North-East India'.

A K Baruah. Attended and delivered three lectures as Bhaktavatsalam Endowment lecture in the Department of Politics and Public Administration, University of Madras. (i) Inter-Community Conflict and National Integration - A North East Indian Perspective - I on 29.1.2001. (ii) Inter-Community Conflict and National Integration - A North East Indian Perspective - II on 30.1.2001 (Lecture 2). (iii) Inter-Community Conflict and National Integration - A North East Indian Perspective II on 30.1.2001 (Lecture 3). (ii) Delivered and attended two lectures

in Gauhati University Academic Staff College on 7 - 8 January. (i) Academics and Politics. (ii) Status of Women. (iii) Attended and delivered two lectures in the Extension Programme of Human Rights Diploma in University of Hyderabad on 3-4 February. (i) Concept of Rights. (ii) Rights in North East India. (iv) Attended on 11-12 June 2001 and delivered two lectures in The Commonwealth Youth Programme at Asia Centre, Chandigarh on (i) Conflict in India. (ii) Community and Conflicts in N.E. India.

S Sengupta. (i) 2000 presented a paper titled "Implications of Ethnic Conflicts in Arunachal Pradesh - A Study of the Tussle between Arunachalese and Chakma Migrants" at North East India Social Science Congress (NEISSCONG) Conference held in NEHU, Campus, Shillong on 17-19 April, (ii) presented a paper titled "Greater Autonomy in North East India", at a seminar on Constitution Review organised by the Rotary Club of Shillong on the 4th November, 2000. (iii) Presented a paper titled, "Women and Political Representation in Meghalaya" at a Seminar on Women and Political participation in North East India held in Women's College, Shillong on November 30 and December 1, 2000. (iv) Presented a paper titled "Migration and Politics in Arunachal Pradesh - Some Observations" at the 10th Annual Conference of NEIPSA held at Gauhati University, December 21-23, 2000.

T T Haokip. (i) Attended and presented a paper on "Church Unity" organised by the Church Leaders at Imphal from 26-28 September, 2000.

P Malngiang (i) Legal Awareness Workshop for Rangbah Shnong, Meghalaya State Legal Services Authority & BRO paper presented on "Customary Laws", Shillong June 2000. (ii) Seminar on "Indigenous Religious Practices of the people of Meghalaya", Art & Culture Department, Government of Meghalaya, paper presented on "Initiation in the Khasi Religion" Shillong July 2000.

Publications :

Walli, R L 'The Kosovo Crisis, in B.M. Kaushik, *Essay in World Politics* (Delhi, Alok, 2001) pp. 36-49.

Baruah, A K 'Student Movement in Assam : Fact-Theory dichotomy', *Proceedings of NEIHA*, Twentieth Session, Shillong, 2000. pp. 60-63.

Baruah, A K 'Conflict and Communities : A Case Study (A Northeast Indian Perspective) in Pramod Kumar (ed) *Conflict Resolution Strategies and Skills for South Asia*, (IDC, Chandigarh, 2000), Ch.12, pp. 1-19.

Gassah, L S 'Traditional Polity and Institutions Among the Jaintia : A Review of Barrister Pakem's Writings in Political Dynamics of North-East India' (Essays in Honour of Professor Barrister Pakem) (ed), Girin Phukon, South Asian Publishers, New Delhi, 2000. pp. 196-206.

Gassah, L S "Writing in Khasi Vernacular Pertaining to Socio-Political Issues : A Review, in *Status of Social Sciences in the Vernacular Languages in North-East India*", (eds.), J.P.

Singh, D.R. Syiemlieh and C.J. Thomas, Regency Publications, New Delhi, 2000, pp. 79-86.

Gassah, L S 'Status of Panchayati Raj in the States and Union Territories of India 2000 : A Case Study of Meghalaya', in *Status of Panchayati Raj in the States and Union Territories of India 2000* (ed), George Mathew, Concept Publishing Company, New Delhi 2000, pp. 206-214.

Gassah, L S "Meghalaya", a paper published in the *Status of Panchayati Raj in the States and Union Territories of India 2000*, Institute of Social Sciences, Delhi, Concept Publishing Co., 2000, pp. 206-213.

Sengupta, S "Regionalism in Meghalaya - An Analysis of the Perceptions of National Political Parties" in Girin Phukon (ed) *Political Dynamics of North East India*, South Asian Publishers Pvt.Ltd., New Delhi, pp. 165-174.

Study Tour/Field Trips : Bombay and Goa on January 6, 2001.

Thrust Area of Research : Government and Politics of North East India.

Research/Projects : Socio-Economic Background of the MLAs of North East India (Coordinated for CSDS, Delhi) - A.K. Baruah.

DEPARTMENT OF PUBLIC ADMINISTRATION

The Department was set up in June 1985. The Department offers M.A. and Ph.D. programmes in relevant areas/issues of Public Administration. The structure of the Master's programme emphasises on the development themes, regional studies, environmental administration in India, international administration, management, office management and local governments. At the end of the second semester students are attached to different government and non-government departments identified by the government of Mizoram for a period of four weeks to study the working/functioning of the departments and thereafter to write their experiences and reports. Besides, the Department conducts/organises a general seminar on each Saturday of the month in which students present course based papers.

Head : Professor R N Prasad

Faculty :

Professor:	R N Prasad, M.A.,Ph.D. (Bihar)
Reader:	C Lalkima, M.A.(Osm), Ph.D. (Gau.)
Lecturers:	Lalrintluanga, M.A.,M.Phil. (NEHU)
	Kalpana Das, M.A.,M.Phil. (Utkal)

Student Intake :

a) Enrolment capacity : 50

b) Actual admission :	SC/ST	Genl.	Male/Female	Total
	- 50	-	37 13	50

Courses Conducted : Fundamentals of Public Administration, Indian Administration : Structure and Processes, Public Personal Administration with Reference to Britain, U.S.A. and France, Economic and Financial Administration, Development Administration in India, Theories of Bureaucracy, Government and Politics of the Hill Areas of North-East India, Administrative Thought, Public Policy Analysis, Political Theory, Research Methodology, Comparative Public Administration, International Administration, Theory and Practice of Local Government, Social Administration in India.

Seminars/Conferences : (Attended)

R N Prasad. (i) Presented a paper on "Review of The Indian Constitution", at Prelude Conference on the IIPA, New Delhi, for 44th Annual Member's Conference- 2000 on Review of the Indian Constitution, organised by IIPA, Mizoram Regional Branch on 20.9.2000 and also directed the Conference. (ii) Attended/participated in the National Seminar on Economic Development of North-East : Problems and Solutions, organised by Astha Bharati, New Delhi, at India International Centre, New Delhi on 14-16 February, 2001 and presented a brief paper on "Economic Problems of Inner Line Regulated States".

Thrust Areas of Research : Administrative Institutions/Issues/local governments of North-East Region and Regional Studies.

Other Activities :

The Department and the Indian Intitutite of Public Administration, jointly organised a lecture meeting on 15.4.2000 in which Shishir Sinha, Deputy Commissioner, Special Bureau, Government of India spoke on "Government Departments and Marketing of Their Services".

The Department and the Indian Institute of Public Administration, Mizoram Regional Branch jointly organised a lecture on 29.4.2000 in which Shri P Chakraborty, Secretary to the Government of Mizoram, Law, Judicial and District Council's Affairs Departments spoke on, "Amendment of the Sixth Schedule to The Constitution of India in the Light of the Problems Faced By The Autonomous District Councils".

The Department and the Indian Institute of Public Administration, Mizoram, Regional Branch, jointly organised a lecture meeting on 28.10.2000 in which Professor M N Karna, Department of Sociology, NEHU, Shillong gave a talk on "Ethnicity and Nation-Building with Reference to North-East India".

A lecture meeting on 3.11.2000 was jointly organised by the Department and the Indian Institute of Public Administration, Mizoram Regional Branch in which Lt. Col. A K Mehta spoke on, "Introduction to Management".

A lecture was jointly organised by the Department and Indian Institute of Public Administration, Mizoram Regional Branch on 29.3.2001 in which Shri N K Verma, Deputy General Manager, NABARD, Aizawl spoke on, "National Agricultural Bank and Rural Development, Its Aims/Objectives and Working With Reference to Mizoram".

The Department organised a lecture on 31.3.2001 in which Prof. R N Prasad spoke on "The Craft of Political Graft in India : An Analysis of Major Scams/Scandals".

DEPARTMENT OF PSYCHOLOGY

The Department came into existence in 1983 with the sanction of three faculty positions. Presently, there are two regular faculty members and three Guest Lecturers to manage the academic affairs of the department.

Head : Dr. L N Singh

Faculty :

Reader:	L N Singh, M.Sc., Ph.D. (BHU)
Lecturer:	Zokaitluangi, M.A., Ph.D. (NEHU)

Student Intake :

a) Enrolment capacity :	15
b) Actual admission :	SC/ST/Genl. Male/Female Total
	- 15 - 2 13 15

Courses Conducted : Learning and Memory, Research Methods and Statistics, Social Psychology, and Practicals. Cognitive Processes : Attention and Perception, Advanced Correlation Methods, Physiological Foundations of Behaviour and Practicals. Psychology of personality, Theories of Human Development, Psycho-pathology and Practicals. Clinical Psychology-I (Psycho-diagnostic Approaches), Clinical Psychology-II (Psycho-Therapeutic Approaches), Environmental Psychology and Practicals.

Study Tour/Field Trips : This is a part of curriculum in the Fourth Semester to provide practical exposure to the students at specialised institutions of national importance, rendering professional services in the fields of applied psychology.

Thrust Area of Research : Experimental Psychology/Cross-Cultural Psychology.

Other Activities : Psychological Services are extended to the referred cases from (i) the department of psychiatry. Civil Hospital, Aizawl (ii) the De-addiction Centre run by Government of Mizoram and (iii) the voluntary organisations, and several local persons who came to the department for consultation and psychological guidance.

DEPARTMENT OF SOCIOLOGY

The Department of Sociology began instruction at MA, M. Phil and Ph. D. level in 1976 on a modest scale. There were then only five faculty members and 25 MA and M.Phil students. Since then 21 batches of MA, more than 72 of M.Phil and about 30 Ph.D students have been awarded degrees in Sociology. Keeping in mind Section 4 of the NEHU Act the Department lays special emphasis on Social Change as its academic thrust area. Most of the researches are conducted in this area.

Head : Prof. A C Sinha.

Faculty :

Professors :	M N Karna, M.A.,Ph.D (Patna)
	A C Sinha, M.A.(Ranchi), Ph.D (IIT/Kanpur)
	C Nunthara, M.A.,Ph.D (Delhi)
Readers :	P M Chacko, M.A.,Ph.D (Delhi)
	Nikhlesh Kumar, M.A. (Delhi), Ph.D (NEHU)
	C L Imchen, M.A., Ph.D (JNU)
	I Lanu Aier, M.A., Ph.D (NEHU)
	A K Nongkynrih, M.A., Ph.D (NEHU)

Student Intake :

a) Enrolment Capacity:	M.A. : 40				
	Ph.D : 10				
b) Actual admission :	SC/ST	Genl	Male/Female	Total	
MA	36	3	14	25	39
Ph.D	10	-	3	7	10

Degrees Awarded : M. Phil

Imchanungba Ao, "Education and Occupational Mobility among the Ao Nagas of Kohima Town". Supervisor : Prof. C Nunthara.

Ph.D.

A. Mhonchumo Lotha, "Socio-Economic Consequences of Doyang Dam Project in Nagaland", October, 2000. Supervisor : Prof. M N Karna.

Celinamma Scariah, "Two Images of Matriliney: The Khasi and the Nair", December,2000. Supervisor : Prof. M N Karna.

Riolina Jones Nongrum, "A Sociological study of youth Organisations in the multi-ethnicity of Shillong". Supervisor : Prof. C Nunthara.

Changkuma Chawngthu, "A Sociological study of Mara marriage system". Supervisor : C

Nunthara.

Funds received from agencies other than NEHU/UGC: Rs. 60,000 from ICSSR-NERC & ICSSR, New Delhi, for holding the seminar on Human Movements: Case of Nepalese in India with special reference to North East India.

Courses Conducted : Sociological Theories I, Methodology of Social Research I, Sociology of Kinship, Social Stratification. Sociological Theories II, Methodology of Social Research II, Sociology of Religion, Agrarian Social Structure. Economy and Society, Polity and Society, Sociology of Development, Ethnic Relations. Social Change, Entrepreneurship and Management, Sociology of Movement, Sociology of Environment.

Seminars/Conferences :

Organised with Centre for Area Studies in North-East India and its neighbouring countries (ASNINC) :

Human Movement: Case of Nepalese in India with special reference to North - East India on March 13-15, 2001.

Attended :

M N Karna : (i) Presided over a session in the National seminar on Protective Discrimination, NEHU, Shillong, September 22, 2000. (ii) Presided two sessions of a National seminar organised by the North East India Social Science Congress Shillong, April 17, 2000. (iii) Chaired a session of the National Seminar on Women and Political Participation in North East India, Women's College, Shillong, November 30, 2000. (iv) Attended XXVI A" India Sociological Conference held at Thiruvananthapuram, December, 29-31, 2000 and presided over a session of Research Committee 17: Social Movements.

A C Sinha : (i) Delivered a series of six lectures on the Refresher Course in Sociology, Department of Sociology, Dibrugarh University, Dibrugarh, on September 16-17, 2000. (ii) Presented Keynote address on "Tribes, Scheduled Tribes, and the Dalits in North-East India" in the Seminar on "Development of Scheduled caste and Scheduled Tribes in North East India in Next Millenium" and presided session at Department of Sociology, Assam University, Silchar, on December 7-9, 2000. (iii) Presented a paper "Pravasi Sangham: A Centre for Cultural Communication among the Bhojpuri Emigrants" at the G.B. Pant Institute of Social Sciences, Allahabad on January 8-11, 2001 in the International Seminar on "Indian Diaspora: Migrants of Bhojpuri Region". (iv) Delivered Keynote address in the Seminar on "Human Movements: case of the Nepalese in Indian with special Reference to North East, India" on March 13, 2001 at the Department of Sociology, NEHU, Shillong. (v) Attended Discussion Meeting of Project on "Inclusion of Excluded Communities for Social Cohesion through Panchayati Raj: An All India Study" during January 19-20, 2001 at Institute of Social Sciences, New Delhi.

P M Chacko (i) Delivered a series of lectures on Sociology of Religion at Sacred Heart College, Shillong, 4 to 12 March, 2001.

Nikhlesh Kumar : (i) Conducted an organisational study of St. Anthony's College, Shillong between May and June 2000. (ii) Delivered a series of lectures in a course on Social Analysis at Sacred Heart College, Shillong in Aug., 2000. (iii) Attended Discussion Meeting for Project on "Inclusion of Excluded Communities for Social Cohesion through Panchayati Raj: An All India Study" during January 19- 20, 2001 at the Institute of Social Sciences, New Delhi.

C L Imchen (i) Participated and presented a paper entitled "Sovereignty and Protest In Nagaland" in the conference on Indigenous/Tribal Sovereignty and Pluri-Ethnic states, sponsored by the Weatherhead Centre for International Affairs, Harvard University, US, May 18-20, 2000.

I Lanu Aier (i) Completed project work titled "The Church and Political Permutations in Nagaland: Observations and Inquiries", funded by DRS-SAP, UGC.(ii) Was resource person for Field Work Training on Drug Abuse and Aids organised by North-East India Drug and Aids Control, Shillong, July, 2000.(iii) Presented seminar paper on "The Impact of Terrorism on Politics and Economy" organised by Eastern Theological College, Jorhat, venue - Dimapur, January, 2001.

A K Nongkynrih presented a paper on "Gender and Development: Rural reality in Meghalaya", organised by NERC-ICSSR, Shillong. 21 October, 2000.

Publications :

Karna, M N "Language, Region and National Identity" in S.L. Sharma and T.K.Oommen (eds), *Nation and National Identity South Asia*, Orient Longman, New Delhi, 2000, pp. 75-96.

Karna, M N "Some Aspects of Human Disabilities in India" in Keya Sengupta, R K Purkayastha & D N Pandey (eds) *Human Disabilities - Challenges for their Rehabilitation*, Reliance Publishing House, New Delhi, 2000, pp. 54-61.

Nunthara, C "Mizoram : India" in *The Indigenous World 1999-2000*, International Work Group for Indegenous Affairs, Copenhagen 2000, pp 300-305.

Nunthara, C "Ethnic Identity Formation in North East India", in *Political Dynamics of North East India* Phukan, Girin (Ed), South Asian Publishers : New Delhi, 2000, pp 51-59.

Nongkynrih, A K (et.al) *Voluntary Organisations and Sustainable Rural Development in Meghalaya*, Regency Publications, New Delhi, 2001.

Study Tour / Field Trips of students : A group of 15 students of IV semester undertook a Study Tour to Calcutta, Gangtok and Darjeeling during the first fortnight of March 2001 under the guidance of Professor M.N. Karna. The group visited various industrial establishments in Kolkata and studied their organisational structure. Besides seeing several scientific parks and historical sites the students had also the opportunity to meet social scientists

located in the city. In Gangtok and Darjeeling the students visited some developmental projects in addition to various local sites. The most significant achievement of the study tour was the interaction which the students had with groups of people belonging to various ethnic, religious and social background.

Thrust Area of Research: Social Change remained as its academic thrust area. In this context the academic thrust of the department has been divided into: a) Emerging Social Inequality; b) Political dynamics c) Occupational differentiation d) Social Movements e) Ethnic Identity and Relations and f) Demography, Ecology and Environment.

Research Programme/Project : Dr. P M Chacko received Rs.35,000 from the Ministry of Social Welfare, Govt. of India for a project on Co-operative Societies in Meghalaya and Mizoram.

Other Activities: The Department of Sociology was selected by the UGC for financial assistance at the level of Departmental Research Support for five years (1999-2004) under the Special Assistance Programme (SAP) in July 1999 with the following thrust areas for research and teaching:

- (a) Political dynamics and social movements
- (b) Occupational differentiation, emerging inequality and ethnic relations.
- (c) Development, ecology and environment.

The total grant (non-recurring and recurring) approved for the duration of five years (1999-2004) is Rs.23.90 lakhs out of which Rs. 13.26 lakhs was released in July 1999. A total amount of Rs. 12,96,096.00 was spent during the year 1999-2000. The grant released for the year 2000-2001 is Rs.2,48,910/-.

Rs.25,000 was granted by DRS in Sociology, NEHU for conducting a pilot study on "Politics of Sikkim: A Re-study under Prof. A.C. Sinha.

Dr. A.K. Nongkynrih was appointed Project Consultant of A study of status of Prevention and Care of HIV/ AIDS in 4 states of NE Region , A project of UNICEF, New Delhi (15th March 2001-21st May 2001).

INSTITUTES AND CONSTITUENT COLLEGES

INSTITUTE OF SELF ORGANISING SYSTEMS AND BIOPHYSICS

The Institute is a centre within the university system dedicated to interdisciplinary research in newly emerging areas and to evolve an integrated vision of science. Its current activities are in the areas of biophoton emission, quantum information, harmono-toxins, drug targeting, acoustic communication in Anurans, bio-diversity, conservation of amphibians in the eastern Himalayan belt, and nonlinear dynamics. The Institute admits students to M.Phil. and Ph.D. programmes.

Faculty :

Professor: R P Bajpai, M.Sc.(Alig), Ph.D.(Glasgow)
Readers: Vinod Singh, M.Sc.,Ph.D.(Kanpur)
Satish Kumar, M.Sc.(BHU), Ph.D.(Utkal)
Debjani Roy, M.Sc.(Gau), Ph.D.(NEHU)

Student Intake :

a) Enrolment capacity: 5
b) Actual Admission : Nil

SC/ST/Genl	(Male/Female)	Total
0	0	0

Seminars/Workshops : (Attended)

Professor R P Bajpai attended the Inauguration Festivities of the International Institute of Biophysics in September,2000 and gave talks on (i) a Step towards the Quantum Vision of Life (ii) possibility of photon emission in the fundamental biological processes involving quantum search of base pairs and amino acids (iii) use of Biophoton Signal in the determination of food quality.

Publications:

Bajpai, R P 2000. Implications of Biophotons and their Coherent Nature. In Beloussov L, Popp F A, Voeikov V and von Wijk R eds. *Biophotonics and Coherent Systems*. Moscow University Press.135-140.

Roy, D and Choudhury, S 2000. Prioritisation of Biodiversity Rich Sites in the state of Meghalaya. In : *Setting Biodiversity Conservation Priorities* for India. Vol. II (Edt. Shekhar Singh, ARK Sastry, Raman Mehta and Vishaish Uppal). WWF for Nature, India pp 281-292.

Roy, D and Md. Mushahidunabbi 2000. The crocodile salamanders of eastern Himalayas. *Zoos Print*. 15(6) : 29-31.

Singh Ranjit C and Singh Vinod 2000. Current status of ribosome-inactivating proteins: A mini review, *Indian J. Biochem. & Biophys.*, 37: 1-5.

Singh Vinod, Singh Ranjit C, Dubey Rajesh K and Alam Anis 2000. Ribosome-inactivating property of gelonin is more affected to N-succinimidyl 6-[3-(2-pyridyldithio) propionate] hexanoate modification than N-succinimidyl-3- (2-pyridyldithio) propionate. *Indian J. Biochem. & Biophys* 37: 155-165.

Singh Vinod 2000. Development of oLH-S-S-gelonin conjugate bearing gelonin on (-subunit of oLH. *Indian J. Biochem. & Biophys.*, 37: 205-209.

Singh Vinod and Merz Wolfgang E 2000. Disulfide bond formation is not required for hCG subunit association: Studies with dithiothreitol in JEG-3 cells *J. Biol. Chem.* 275: 11765-11770.

Thrust Area of Research: Holistic View of Biology, Non linear Dynamics, Biodiversity, Ethology, Immunology

Research Programme/Project:

DST sponsored project "Origin, Characteristics and Applications of Ultraweak photon emission" (Principal Investigator R P Bajpai)

WWF-India project "Studies on Habitat, Ecology and Breeding Biology of the Himalayan Newt for their in situ conservation"(Principal Investigator Debjani Roy In Collaboration with Sri Aurobindo Institute of Indian Culture, Shillong)

DST-SERC project "Timing of Development of the Middle ear in *Rana limnocharis* and acoustically mediated behaviour from metamorphosis to sexual maturity"(Principal Investigator Debjani Roy)

Other Activities:

Prof. R P Bajpai is an executive member of the International Institute of Biophysics e.V. Germany.

Dr. Debjani Roy's works on acoustic communication in anurans and on the crocodile salamanders of the eastern Himalayas was filmed by the Green Oscar Awardee of 1994 and 2000 Mr. Mike Pandey for the "Earth Matters" series which was telecast several times on DD1, DD2, DD International from April to August 2000.

PACHHUNGA UNIVERSITY COLLEGE

Pachhunga University College, the oldest College in Mizoram, was founded in 1958. It occupies a land area of 730 acres with trees of many species. It is ideally located about three kilometres from the heart of the Aizawl Town, and well connected by the public transport system. It was initially a private college and in 1967 was made a Government College under the composite state of Assam. It remained a Government College till 1979 when it was taken over as a constituent college of North-Eastern Hill University with a view to making it a pace-setting institution in the region. It offers Pass & Honours under-graduate courses in eighteen subjects of Sciences, Arts and Commerce.

The pattern of courses falls mainly into three broad categories :- Arts, Sciences and Commerce. +2 level Arts, Science and Commerce courses have since been dropped, as the +2 level in the State has been shifted to Higher Secondary schools. At present the College offers undergraduate courses in Arts, Science and Commerce. Under the Arts courses, are Literature (English, Mizo), History and Philosophy. Under Social Sciences come Economics, Sociology, Political Sciences, Geography, Education and Psychology. Under the Science stream Physics, Chemistry, Mathematics, Geology, Botany, Zoology and Statistics are offered. Commerce subjects include Banking, Computer Science, Accountancy and Economics. Honours level courses are offered in all the existing subjects in Arts, Science and Commerce. The subject combinations in Arts are not restricted and students are given wide options. However in the Science stream subject combinations are restricted due to obvious reasons.

Enrolment of Students :

During the last five years the total enrolment of students per year was over 1200. The number of students in Science stream per year on the average is over 600. The enrolment in the Arts stream is gradually increasing, although it is also being introduced in a number of colleges of Mizoram. The Commerce stream in the College attracts only a few students and the enrolment remained the same over the years.

95 percent of the students belong to Schedule Tribes and are from backward and border areas of the State. The ratio of female students to male students is 1:3.

The admission of Students to the different courses is generally based on merit. The minimum requirement for admission to Honours course in the degree level is 45% marks in the Higher Secondary Examination in the subject concerned. Each Science department can accommodate 20 students in Honours courses.

Performance of the Students :

Pachhunga University College has contributed immensely to the development of Higher Education, particularly science education in Mizoram. Till recently the College was the only Institute providing +2 level course in Science to the students, who after completing the course

entered the professional education namely Engineering, Medicine, Agriculture, and Veterinary. The graduates find placement in passing out from this civil/ administrative services, teaching and other jobs. This College is an important feeder institution for the post-graduate programme in Shillong and Aizawl campuses of the University.

Over the last few years the pass percentage of the student in the University Examination at the degree level Honours courses have been increasing.

STUDENT SERVICES AND AMENITIES

STUDENT WELFARE

The office of the Dean of Students' Welfare is the nodal agency for student services and their welfare. Though largely concerned with the Shillong Campus, the office coordinated student activities in the Tura and Aizawl campuses, as well. Throughout the period under the review Dr. B. Kharbuli, Reader in Zoology, was Dean Students' Welfare. As in previous years a major concern of the office was management of the halls of residences of the post-graduate students and research scholars, the coordination of the NEHU Students' Union, academic study tours, sports and cultural activities and admission to the post graduate and research programmes of the University and the award of P.G. Scholarships and Students' Aid Fund.

Scholarships/Aid Fund : During the period, 85 NEHU P.G. scholarships including 22 to ST/SC students were awarded. Nine economically backward students were awarded financial aid through the Students' Aid Fund.

Residence in Hostels : In the Shillong Campus, total hostel admission is as follows :-

	ST/SC	Genl.	Total
Men's Hostel (P.G. and Research Scholars)	143	20	163
Women's (P.G. and Research Scholars)	130	32	162

Students' Activities : Election to the Executive Committee of the NEHU Students' Union for the year 2000-2001 was conducted as scheduled in the first week of April 2000.

Study Tours/Field Trips : The office also coordinated the Study Tour of 8 academic departments, namely (1) Sociology (2) Zoology (3) Chemistry (4) English (5) Lib. & Inf. Science (6) Political Science (7) Centre for Literary & Cultural Studies (field trip) and (8) Geography.

Other Co-curricular Activities : In addition to coordination during the Annual University Week w.e.f. 8-15 May 2000 which included Sports and Games and Cultural programmes. The office also coordinated the following co-curricular activities.

1. R. Murry Memorial Inter Hostel T.T. Tournament.
2. Handique Memorial Inter Hostel Volleyball Tournament.
3. Inter College Sports and Zonal Sports meets.

4. P.C. Lalmuanpuii Inter Hostel Basketball Tournament.
5. NEHUSU Freshers Social meet.
6. M.P.G.S.U. Activity Week from 26th to 31st March 2001.

SPORTS AND GAMES

The Sports Board of North-Eastern Hill University had conducted the following inter-college tournaments during the calendar year 2000-2001 in Aizawl, Shillong and Tura :

One Zone Tournaments : Cricket, Basketball (M&W), Football (W), Hockey (M&W), Boxing, Judo (M&W), Best Physique (M), Weight Lifting (M) and Athletics.

Zonal Tournaments : Football (M), Table Tennis (M&W), Badminton (M&W), Volleyball (M&W) and Chess (Combined).

All the events were conducted successfully, and for this, a major part of the credit goes to the principals and teachers of the participating colleges, the officials and referees of the various associations, all of whom extended their full cooperation. The tournaments were held in Aizawl and Shillong. The results and other details of the various one-zone, zonal, inter-zonal and inter-university tournaments held are outlined below :

A. One Zone Tournaments:

1. Basketball (M&W) : Both Women's and Men's Basketball Tournaments were conducted in the Parish Court, Shillong from 26th to 28th April, 2000. This was the 16th time that Women's Basketball was conducted and the 15th time for Men's Basketball. In all, 11 colleges participated in the Women's section and 9 teams in the Men's section. The results of this tournament are as follows :

Women's Section : Winners - Lady Keane Girl's College
 Runners up - Shillong College

Men's Section : Winner - Shillong College
 Runners up - St. Anthony's College

2. Football (W) : The Football (Women) tournament was conducted in Aizawl from 29th to 31st August, 2000. This was the 6th time that this tournament was conducted. In all, 7 colleges participated. The results of this tournament are as follows :

Winners - J Thangkima College
Runners-up - Government Aizawl College

3. Boxing : The Boxing tournament was conducted at Aizawl, during 18th to 20th October, 2000. This was the 5th time that this tournament was conducted. In all 8 college teams participated. The results of this tournament are as follows :

Best Team - Government Aizawl College
Runners-up - J Thangkima College

4. Best Physique : This tournament was conducted at Aizawl during 18th to 20th October, 2000. Six colleges participated. The results of this tournament are as follows :

Team Championship - Government Aizawl College

5. Hockey (M&W) : This tournament was conducted at Aizawl during 18th to 20th October, 2000. In all, 7 colleges each participated in the Women's and Men's Section. The results of this tournament are as follows :

Women Winners - Government Aizawl College
 Runners-up - Hrangbana College

Men Winners - Hrangbana College
 Runners-up - Aizawl North College

6. Weightlifting : This tournament was conducted at Aizawl during 18th to 20th October, 2000. In all, 6 colleges participated. The results of this tournament are as follows :

Winners - J Thangkima College
Runners-up - Government Aizawl College

7. Judo : This tournament was conducted at Aizawl during 18th 20th October, 2000. In all, 6 colleges participated in this tournament. The result of this tournament are as follows :

Winners - Government Aizawl College
Runners-up - Bawngkawn College

8. Athletics : This tournament was conducted at Polo ground, Shillong from 2nd to 4th May, 2000. In all, 10 colleges participated in this tournament. The main results of this tournament are as follows :

Best Team (M) - Tura Government College
Best Team (W) - Lady Keane Girls' College
Best Athlete (M) - Mr. Bitching Marak, Tura Government College
Best Athlete (W) - Ms. Balari Syiem, Lady Keane Girls' College
Best March Past Team - Buddha Bhanu Saraswati College

9. Cricket : This tournament was conducted at Shillong during 23rd to 31st April, 2000. In

all, 11 colleges participated in this tournament. The results of this tournament are as follows:

Winners - St. Edmund's College
Runners-up - St. Anthony's College

B. Zonal and Inter-Zonal Tournaments:

The zonal tournaments were held at Aizawl and Shillong. The teams that qualified for the Inter-Zonal Tournaments and the winners and runners-up are as follows :

1. Football (M) : The Meghalaya and Mizoram zonal teams that qualified for the Inter-Zonals were Shillong College, St. Anthony's College, Pachhunga University College and Aizawl West College. The Inter-Zonal Tournament was held at Shillong on 28th and 29th July, 2000. The results are as under :

Winners - Aizawl West College
Runners-up - Shillong College

2. Badminton (M&W) : The Meghalaya and Mizoram zonal teams that qualified for the Inter-Zonals were - Women = Lady Keane Girl's College, Shillong Commerce College, Government Aizawl College and Aizawl West College, and Men = Budha Bhanu Saraswati college, St. Anthony's College, Government Aizawl College and Pachhunga University College. The Inter Zonal Tournament was held at Shillong on 7th and 8th June, 2000. The results are as under :

Women - Winners - Lady Keane Girls' College
- Runners-up - Government Aizawl College

Men - Winners - B B S College
- Runners-up - St. Anthony's College

3. Table Tennis (M&W) : The Meghalaya and Mizoram zonal teams that qualified for the Inter-Zonals were - Women = Lady Keane Girls' College, St. Mary's College, Pachhunga University College and Government Aizawl College, and Men = St. Anthony's College, Shillong College, T. Romana College and Government Aizawl College. The Inter zonal Tournament was held at Shillong on 7th and 8th June, 2000. The results are as under :

Women - Winners - Pachhunga University College
- Runners-up - St. Mary's College

Men - Winners - Government Aizawl College
- Runners-up - Shillong College

4. Volleyball (M&W) : The Meghalaya and Mizoram zonal teams that qualified for the Inter-Zonals were - women - St. Edmund's College, Sankardev College, Aizawl West College and T. Romana College, and Men - Morning Star College, Raid Laban College, Government

Aizawl College and Aizawl West College. The Inter Zonal Tournament was held at Aizawl from 18th to 20th October, 2000. The results are as under :

<i>Women</i>	- Winners	- Aizawl West College
	- Runners-up	- T Romana College
<i>Men</i>	- Winners	- Aizawl West College
	- Runners-up	- Government Aizawl College

5. Chess (Combined) : The Meghalaya and Mizoram zonal teams that qualified for the Inter-Zonals were St. Anthony's College, Synod College, Government Aizawl College and Hrangbana College. The Inter-Zonal Tournament was held at NEHU, Bijnai Complex, Shillong on 12th and 13th October, 2000. The results are as under :

Winners - Government Aizawl College
Runners-up - St. Anthony's College.

NATIONAL SERVICE SCHEME

National Service Scheme (NSS) of Government of India envisages to utilize the free time of College/University students for socially productive work. The activities of volunteers of NSS are supervised by programme officers under two broad categories : (1) Regular activities, and (2) Special camps. Normally the college units adopt village(s)/locality(ies) and conduct their activities to assist the society in their adopted village/locality. The entire activity of the college units is co-ordinated by Programme Co-ordinator of the NSS Cell of the University.

Fund for the NSS activities are borne jointly by the Central and the State government.

The total enrolment strength for the year was 6600 volunteers and the number of Programme Officers was 36, of whom 29 are trained.

A summary of activities organised during the year under Regular Activities and Special Camps is given below :-

Observance of World Environment Day : Several units observed World Environment Day on 5.6.2000 by organizing cleaning drive and tree plantation programmes. About 850 saplings were planted in total.

Independence Day Celebration : The NSS Unit of St. Mary's College celebrated Independence Day on 14th August, 2000 in a befitting manner. The programme was marked by singing of patriotic songs such as "Rise India" "Aye Mere Watan Ke Log" and "Ri India",

recitation of Tagore's poem "Where the mind is without fear" were presented by the volunteers. Some of the volunteers also spoke on the occasion and stressed the sincere observation of the day. The function concluded with the singing of the National Anthem.

NSS Day Celebration : The NSS Unit of Seng Khasi College organised a cleaning drive programme in the college campus on September 25, 2000 to commemorate NSS Day. Seventy five volunteers participated in the programme.

The unit of Tura Government college also celebrated the Day in a befitting manner. The programme was inaugurated by the principal by hoisting the NSS flag which was followed by a symposium titled 'Peace is essential for development' in which both the teachers and NSS volunteers participated. Several competitions were also organised such as essay, debate, extempore speech, painting and quiz. A large number of volunteers and other students participated in the programme.

The unit of Synod College organised a cleaning drive of the college campus where a large number of volunteers participated.

The NSS unit of St.Mary's College organised a cleaning drive of the college campus in which fifty volunteers participated.

The unit of Shillong College organised a cleaning drive of the college campus in which four hundred volunteers participated.

Cyclone Relief Activities : The NSS unit of Tura Government College assisted the local administration in relief and rehabilitation work following the cyclone which hit Tura on 27th and 28th October, 2000. The volunteers participated in cleaning the college campus and different localities of the town and also collected clothes for distribution to the needy people. They also raised money for the Chief Minister's Relief Fund.

Republic Day Parade Camp : Two volunteers from St.Mary's College and three from Jain-tia Eastern College participated at the Pre-Republic Day Parade Camp, Burdwan from 1st - 10th November, 2000. L Kharshiing, Programme Officer, St.Mary's College, led the contingent. B Byrsat of St. Mary's College was selected to attend the Republic Day Parade Camp at New Delhi from 1st to 31st January, 2001.

World AIDS Day, December 1, 2000 : Various programmes by the NSS units of several colleges were held to mark the occasion.

The unit of Tura Government College organised a talk cum-discussion on AIDS followed by a quiz competition in which a large number of NSS volunteers and other students participated. The programme was organised in collaboration with the District Medical and Health Office, Tura.

The NSS Unit of St.Mary's College joined the Meghalaya AIDS control Society in the World AIDS Day function held at Don Bosco Youth Centre. T Kharlukhi, NSS volunteer presented a special song about the dangers of living a fast and reckless life. The Programme Officer also read out a poem, "From ignorance through pain to resolution" which speaks of the tragedy of AIDS that fall on a young and ignorant married couple. About twenty volunteers participated in the programme.

The Unit of Seng Khasi College also held a day long programme to mark the occa-

sion. The Principal inaugurated the programme and stressed on the need to be aware of AIDS. This was followed by opening song presented by the volunteers. Short talks on AIDS were also given by the BA students followed by a group discussion and closing song. Posters on AIDS prepared by the volunteers were also displayed in the College Hall. About seventy five volunteers participated in the programme.

The unit of Shillong College held a poster campaign on AIDS around the city. About 50 volunteers participated.

National Integration Camp : Seven volunteers from Tura Government College, St.Mary's College and Synod College attended the National Integration Camp for Women held at Madurai from 12th - 18th January, 2001. The contingent was accompanied by J Sutnga, Programme Officer, St.Mary's College and U Kharkongor, National Service Volunteer, NSS Cell, NEHU.

Special Camping Programme : The NSS unit of St. Anthony's College conducted a Special Camp at Lawbyrwa, Sumer, Ribhoi District from 3rd - 7th October, 2000. 25 volunteers participated in the Camp.

Cleaning Operation of Wah Umkhrah : 5 (five) volunteers from the Post Graduate Unit NEHU, assisted the Synjuk Seng Samla Shnong (SSSS) in the cleaning operation Wah (River) Umkhrah on 17th March, 2001 at Lapalang, Shillong.

CENTRAL SERVICES

COMPUTER CENTRE

The Centre provides computation facility to faculty members, research scholars and students of the University, conducts training programmes in computer related subjects and has developed software for Finance Section, NEHU.

Director : Dr. S N Rai

Staff :

Lecturer	: Dr. T K Sinha, Ph.D. (NEHU)
Sr. Systems Analyst	: P P Dey, B.Tech.(Warrangal)
Systems Analysts	: B Rynjah, B.Tech.(Kakinada)
	: S Ghosh, M.E. (Jadavpur)

Courses Conducted : The Centre conducted 5 short term courses, namely, (i) Web Designing (ii) MS-Office (iii) Visual Basic (iv) Internet Awareness (v) Programming in BASIC. The Centre also conducts the following courses for IGNOU : Certificate in Computer, Bachelor in Computer Application and Master in Computer Applications.

In future, the Centre plans to assist in running MCA/M.Sc. (Computer Science) course, whenever it starts. Three certificate courses to be conducted by the Centre are under consideration by appropriate authorities. The Centre has proposed for a project from the Ministry of Information Technology under "Employment Generation Training (EGTS) for North East and SC/ST/OBCs" scheme. The Centre undertakes consultancy/contractual work relating to software design and /or computation for outside agencies on payment basis. This is done independently or, in collaboration with software professionals and public/private sector organisations in accordance with the Rules/Statutes/ Ordinances of the University.

Publication:

A model for genetic instability, by T K Sinha and R N Sharan, presented at the International Conference on Cell Biology, I.I.Sc, Bangalore, 2000.

Other Activities :

T K Sinha taught Thermal Physics to M.Sc. Physics students.

T K Sinha attended a refresher course in Physics at Burdwan University.

P P Dey provided technical consultation to Bio-Informatics Centre and NEHU Library.

The Centre generates funds for the University by way of conducting in-service courses for various government organisations and by letting out PCs to IGNOU.

The Centre also manages the Internet facility of the University at Bijni Complex.

LIBRARY

During the year 2000-2001, the North-Eastern Hill University Central Library has achieved the task of providing service to the students, teachers and other users visiting the Library for different information need. There are also important changes such as the shifting of books of some departments shifted to Permanent Campus. Important action was also taken in connection with the automation programme in which a total amount of Rs. 516,433,20 was allocated for the upgradation of the Computer System including Y2K compliance for LIBSYS library software. It is hoped that the automation will be implemented during 2001-2002.

Machines & Equipment : As part of the computer upgradation programme during the year the following items have been procured : (1) one IBM NETFINITI x 200; (2) 2 nos Pentium Pcs and (3) 5 nos of celeron machines 533 CPUs.

Readers' Service : The total number of registered readers during the year was 33,120 and the average number of books issued per day during the year was 350. The total number of readers consulting the Library per day during the year was 433.

Programmes to be Undertaken : With completion of the computer infra-structure the Library plans to take up the automation of the Library to facilitate maximum use of the Library.

Problems : Due to shifting of libraries to the Permanent Campus, the Library is facing acute staff constraint. However, minimum staff are provided to all departmental libraries to provide satisfactory service to the readers and ensure protection and safe-guarding of library books and periodicals.

HEALTH CENTRE

The NEHU Health Centre caters to the health needs of the students, staff (Teaching & Non-Teaching) and their dependants totalling nearly 10,000 (ten thousand) beneficiaries.

The Health Centre has 2 branches one at Bijni Complex and the other at the Permanent Campus and are manned by qualified Doctors including lady Doctors and assisted by a number of para-medical staff.

Medical Officers are available for regular consultation at fixed hours as well as for

emergency consultations, the Health Centre stocks all necessary medicines and dispenses them. Besides, dressings, injections and minor surgical operations are also done at the Health Centre. First Aid and Medical Attendance are also provided during athletic meets and various tournaments conducted by NEHU.

Regular immunisation facilities are available and the Health Centre participates in the National Pulse Polio Programme every year. The Health Centre also has a well equipped Ambulance Service.

Space for laboratory has been secured and a Lab-Technician is undergoing the required training. In the very near future the Health Centre's laboratory will be functional.

The patients requiring in-patient treatment are referred to the local hospitals recognised by NEHU. As all specialists are not available in Shillong, some cases are referred to hospitals outside the State. We have credit billing system with C.M.C. Hospital Vellore as well as with some local hospitals viz. Nazareth and K.J.P. Synod Hospital.

The Health Centre maintains a list of voluntary donors from among NEHU community and arranges blood - donation in case of emergency not only for the University community, but also for the needy among the community outside NEHU.

UNIVERSITY PUBLICATIONS

NEHU Publication Cell is to promote and undertake publications in various areas and for different target groups. It has mainly concerned itself with publications of university level text books and general books, supplementary reading materials and reference books, research works particularly those relating to the North Eastern region. It has also taken up publication of Endowment Lectures delivered in the University and official publications like Act, Statutes, Ordinances and the Annual Report.

NEHU Publications is largely a self financing unit and has developed out of a small investment made at the time of its establishment. The press for which there is a separate revolving fund is also largely self financing.

The following publications were taken up during the year :-

1. Prospectus for the year 2000-2001.
2. Critical Asides - Musings on Language, Literature and Life by Professor R. P. Sharma.
3. Environmental Education by Professor Gokulanathan.
4. Self Study Report for N.A.A.C..
5. The other side of the Raj : Western Contribution to India's Freedom by Ramchandra Guha.
6. Reprinting of Phuit Ka Sabuit.
7. Reprinting of Elements of Political Science.
8. Printing of the NSS News letter.
9. Printing of Annual Report.

Among printing of the books the University is doing the reprint of Phuit Ka Sabuit and also the reprint of Elements of Political Science for Pre-University, Class XI and XII. This

has been done with a view to help and assist MBOSE (Meghalaya Board of Secondary Education) to cope up with the requirement of Text Books till 2002/3. Sales during the year relating to these categories of books are as follows :-

1. Text Books - Rs. 70,000/-
2. General Books - Rs. 13,000/-

REGIONAL SOPHISTICATED INSTRUMENTATION CENTRE

The RSIC-NEHU was established by the Department of Science & Technology, Government of India, in order to cater to the analytical requirement of the scientific community in the region. In addition to analytical services, the RSIC-Shillong conducts training workshops, offers limited repair and maintenance services in computer instrumentation and compressor based system (Acs, refrigerators, cold rooms). As of 1999-2000 the DST has imposed a 20% cut per year in its payment of salaries to the RSIC staff which support would now come from NEHU.

Head : Dr. D T Khathing upto 1st March, 2001.
Dr. B Myrboh w.e.f 1st March, 2001.

Other Activities : Organising workshops, providing analytical services to the scientist/researchers/R&D organisations/Universities in the region. Providing maintenance services to the government institutions/departments within Shillong. This includes research instruments, computers, chilling units, a/cs, refrigerators, cold rooms, etc.

Analytical Services: Table below gives the utilization of the equipment during the year.

Name of the Instrument	External	Internal	Total
IR			
UV-Vis-NIR	9	95	104
FT-IR	241	370	611
NMR	7	54	61
FT-NMR	134	342	476
AAS	4907	2066	6973
SEM	486	442	928
TEM	30	53	83
ICP	-	-	-
CHNOS	-	-	-
Sample preparation (SEM)	139	87	226
Sample preparation (TEM)	51	34	85

Seminars/Workshop (Organised) :

(i) The Centre organised a two-day workshop on 'Recent Advances in Electron Microscopy' on the 26th and 27th April, 2001. Resource persons were from the NPL, Delhi (Dr. S K Sharma, Director Grade from NPL, Dr. A K Srivastava and K N Sood) as well of from NEHU. Participants from the North East included those from the Industry (IOL and Central Silk Board).

(ii) The Centre held a 3-day workshop on FT-NMR during the month of June 28-30, 2000 and another one during the month of November 28-30, 2000. Resource persons were from NEHU. Participants were from all over the region.

Publications :

Goswami, U C, Begam, A and Dey, S 2000. Parabolic patterns and; helicoidal architecture of a cornea and lens of a hill stream fish, *Acrossocheilus hexagonolepis Cytobios*, 78, 95-99.

Goswami, U C, Begam, A and Dey, S 2000. Spherical scatters in the lens of a hill stream fish, *Acrossocheilus hexagonolepis*, as revealed by scanning electron microscopy and UV-visible Spectroscopy. *Cytobios* 79-86.

Pal, B, Bajpai, P K and Basu Baul, T S (2000). Binding ;of 5-(2'-carboxyphenyl)axoquinolin-8-01 to borine serum albumin: A spectroscopic study, *spectrochim. Acta*, 56, 2453-2458.

Basu Baul, T S, Dhar, S and Tiekink, E R T, (2000): 5-[E]-2-(4-Methoxyphenyl)-1-diazenyl]-2-hydroxy-benzoic acid., *Acta crystallogr.*, C56, 1280.

Reserarch Programmes : The Centre has ongoing research projects, sponsored by different funding agencies.

Other Activities:

Dr. T S Basu Baul has been invited to the Institute of Inorganic Chemistry of the Technical University of Aachen, Germany and to work as a Post doctoral Fellow Scientist for one year w.e.f. May 01, 2000.

Dr. T S Basu Baul has participated in the National Symposium on 'Modern Trends in Inorganic Chemistry, by the way of presentation of his work entitled' Molecular architecture in organotoc(IV) 2-[(E)-2-hydroxy-5-methyl-phenyl)-1-diazenyl]benzoates. Organised jointly by the Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore and Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore.

Dr. Sudip Dey (i) Resource Person in UGC-sponsored Seminar and Workshop on Endi-Textile Industries of Barpeta district: 25th and 26th Nov., 2000. (ii) Resource Person : Young Scientists' Workshop on Identification & Diagnosis of Parasites of Biomedical & Zoonotic & Importance, June 23-July 7, 2000. Department of Zoology., (iii) Resource Person: UGC-sponsored Refresher Course, Department of Botany, March 2000. (iv) Resource Person: UGC-sponsored Refresher Course, Department of Zoology, August 2000. (v) Co-chairman:

Session on Electron Microscopy Technique, Annual Conference on Electron Microscope Society of India, Feb., 9-11, 2001, Punjab University, Chandigarh. (vi) Key Speaker: Entomology Session of Annual Conference on Electron Microscope Society of India Feb, 9-11, 2001. Punjab University, Chandigarh.

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

The establishment of USIC was approved by the UGC Visiting Team for the Fifth Five Year Plan. USIC facilities were envisaged to cater the needs of different science departments and University departments for repair and maintenance of equipment, fabrication of different gadgets for Science departments, fabrication of different items of wood in the Carpentry Section. USIC has a large number of sophisticated machines in Mechanical and Carpentry sections which have been installed and are working satisfactorily over the years. USIC has been undertaking repairs and maintenance and fabrication of many accessories required by different users' departments.

Head: Dr. Y S Jain

Other Activities :

(a) Glass Blowing Section : With the installation of lathe machine, grinding machine and tube cutting machine this Section has been able to do the grinding work, repair of different types of glass wares needed for the science departments. (b) Electrical & Electronics Section : This section has carried out the repair of scientific instrument of various science departments of NEHU like voltage stabilizers, magnetic stirrers, heating metals, visible range spectrophotometers, toshniwal ovens, auto stabilizers, B.O.D. incubators, refrigerators, typewriters, heaters, blowers, mixture grinder. This Section has been responsible for giving detailed report of xerox machines, calculators and many other items for the Condemnation Committee of the University. (c) Mechanical Section : It has fabricated beds, trolleys, steel almirahs, filter stands, flower pot stands, grills, nuts and bolts, Besides it has also performed repair work of sodium lamp stand, repair of steel almirahs, steel filing cabinets, repair of water storage system for x-ray diffraction unit of Physics Department, repair of cast iron gear pulley, steel tables and different steel drilling works. (d) Carpentry Section : It has undertaken repair of class room chairs, steel chairs, revolving chairs and has also done fabrication works for different departments of the University like furniture orders received from P & S for hostels, Office, Guest House, academic departments, and also for officers and staff of the University.

DEVELOPMENT ACTIVITIES

PLANNING DEPARTMENT

The Planning Department is concerned with the upliftment of the Administrative function for the economic and educational development of the University.

It has received proposals from Tura Campus regarding the creation of the new departments and also teaching and non-teaching posts for the Campus. In addition to this there is also a proposal for construction of staff quarters including all other facilities. Proposal has also been received for the creation of additional Group 'D' staff in view of the requirement with the expansion of the University as advised by the Finance Committee to be placed in the Plan Proposal of this University.

The Central Government has also created a Non-Lapsable Pool Fund under the Planning Commission for the development of North East and Sikkim for which the UGC has sanctioned Rs. 7.74 crores to NEHU for infrastructural development of the University. The Plan and Estimates have also been approved by the Commission and construction work is in progress. Besides, the UGC has also allowed the University to utilise the saving from the Plan money earmarked for creation of teaching posts during the IX the Plan Period, for infrastructural development purpose.

Recently we received a letter from UGC that the proposal on the scheme of Epoch Making Social Thinkers of India for Buddha, Gandhi, Nehru and Ambedkar needs to be recast. This has been taken up with concerned departments.

The University was accredited with '4 star' by the NAAC Bangalore for a period of 5 years from September 2000.

CAMPUS DEVELOPMENT DEPARTMENT

The Campus Development Department has undertaken the following work during the year under review.

- (i) a. Construction of 4 (four) units of P-type quarters have been completed.
b. Tenders of 10 (ten) units of P-type quarters have been invited out of which work of 5 (five) units awarded.
- (ii) Construction of Administrative Building - the work of Rs. 69 lakhs (approx) is being executed.
- (iii) Construction of Growth room for the proposed Research Project (Pinus Kesiya) - Build-

- ing work except for roof truss at first floor and sanitary work completed.
- (iv) Construction of Social Science (Ph.I) - Economics block has been completed and the department has occupied the building.
 - (v) Construction work of Type V (Registrar's Quarter) has been completed.
 - (vi) Construction of 5 units of Non-Teaching Staff Quarters - The work order of 4 (four) units has been issued and the work is under progress.
 - (vii) Construction of 2 (two) units of P-type Quarters - The work has been awarded and the work is in progress.
 - (viii) Construction of additional laboratory for the department of Botany : The work has been awarded and is under progress.
 - (ix) Providing fire protection system at Seminar Hall and Guest House - 50% of the work has been completed.
 - (x) Construction of boundary fencing for experimental - cum - Botanical Garden and allied works - Tenders have been invited and the work will be awarded soon.
 - (xi) Repair and maintenance of Sub-Station - 50% of the work has been completed.

WORK UNDER NON-LAPSABLE POOL FOR SHILLONG CAMPUS

- (i) Construction of additional floor over the Social Science Complex has been awarded and is under construction
- (ii) Construction of Central Library Building - Work has been awarded and under progress.
- (iii) Construction of Kendriya Vidyalaya Building - Work has been awarded and the work is under progress.
- (iv) Providing additional space for the Department of Life Sciences - The work has been awarded and the work is under progress.
- (v) Construction of Boundary Wall (Phase I) - The work has been awarded and is in progress.

Mizoram Campus:

- (i) Construction of Library building (ii) Construction of Department of Forestry (iii) Construction of Canteen. - Tendering process has been initiated and the work is likely to be awarded soon.
- (ii) Construction of 5 (five) units of Staff Quarters in total. Tendering process has been initiated and the work is likely to be awarded soon.

COLLEGE DEVELOPMENT COUNCIL

As usual College Development Council has encouraged the colleges under NEHU to appoint teachers with requisite qualifications as per norms set through regulations. More stress has been given in improving the library holdings. Eligible colleges are advised to introduce vocational subjects

More teachers are advised to submit Minor Research Projects to the U.G.C. and a good number of cases are cleared by the same..

This year one new college for Engineering and Management and one for General B.A. Course have been given the privileges of being affiliated to NEHU.

EXAMINATION DEPARTMENT

During the year under report, the University has switched over to the Three Year Degree Course of examination system without arrear facilities. One of the reasons for the switch over was that with arrear facilities, there is a tendency towards poor performance by candidates at the various examinations. But, with the introduction of this new examination system without arrear facilities, performances of students have remarkably improved.

As a further step towards reformation, the University has constituted an "Advisory Committee on Examination Matters" to oversee the performances of the Examination department and the problems faced by it. Besides, the University keeps abreast with changes in the various disciplines and frequently (atleast once in three years) upgrades the syllabus. The Examination Department has also initiated steps to computerise its functions. This will be completed soon.

Examinations held during the year 2000 (Part -I & Part III)

Sl.No.	Programme		Appeared	Cleared/Passed %
1.	B.A. Part - I	Honours	2007	64.77
		General	3711	42.92
2.	B.A. Part-II (Final)	Honours	1665	81.80
	(regular candidates)	General	3599	58.35
3.	B.Sc. Part-I	Honours	569	62.21
		General	176	35.22
4.	B.Sc. Part-II	General	159	61.00
	(regular candidates)	Honours	478	83.05
5.	B.Sc. Home Sc.	Honours	13	76.92
	Part-I	General	1	Nil
6.	B.Sc. Home Sc.	Honours	12	75.00
	Part - II	General	1	Nil
7.	B.Com. Part - I	Honours	224	55.35
		General	354	49.43
8.	B.Com. Part - II	Honours	130	83.08
	(regular candidates)	General	302	49.01
9.	B.B.A. Part - I	Honours	17	100.00
10.	B.Sc. Nursing	1st Year	45	66.67
		2nd Year	37	67.57
		3rd Year	28	96.43
		4th Year (Final)	16	100.00
11.	B.Sc. Nursing	1st Year	34	73.52

UNIVERSITY FINANCE

STATEMENT SHOWING THE RECEIPT/EXPENDITURE IN RESPECT OF NON-PLAN GRANT/PLAN GRANT FOR THE YEAR 2000-2001 (PROVISIONAL)

I. NON-PALN

(A) RECEIPT

1. Grant received from UGC		Rs. 25,41,76,000/-
2. Interest on investment		Rs. 62,913/-
3. Internal Income:-		
(a) Academic fees	Rs. 14,71,807/-	
(b) Examination fee	Rs. 96,75,237/-	Rs. 1,28,74,483/-
(c) Other fees	Rs. 15,52,171/-	
(d) University Hostel	Rs. 1,75,268/-	
4. Income from Building		Rs. 29,232/-
5. Miscellaneous Receipt		Rs. 1,55,828/-
6. Publication		Rs. 27,856/-
7. Leave Salary (Pension Contribution)		Rs. 1,31,820/-
8. UGC grant for NEHU Fellowship		Rs. 88,00,000/-
	TOTAL	Rs. 27,62,58,132/-

(B) EXPENDITURE

1. Salaries for Teaching Staff		Rs. 5,85,79,094/-
2. Salaries for Non Teaching Staff		Rs. 9,38,55,179/-
3. 12-Common Services & General Charges		Rs. 4,30,85,676/-
4. Pension/family Pension/DCRG		Rs. 1,33,12,136/-
5. Bodies & Committees (TA/DA)		Rs. 23,98,038/-
6. NEHU Fellowship		Rs. 19,72,053/-
7. Other Charges:-		
(a) Exam. Deptt.	Rs. 1,17,73,587/-	
(b) Sports Deptt.	Rs. 7,69,126/-	
(c) C.D.C.	Rs. 11,830/-	
(d) Publication Cell	Rs. 13,766/-	Rs. 1,52,48,024/-
(e) D.S.W.	Rs. 5,11,454/-	
(f) Health Clinic	Rs. 21,48,401/-	
(g) U.S.I.C.	Rs. 19,861/-	

8. Capital Expenditure :-

(a) Office Equip. & Furniture	Rs. 22,53,613/-	
(b) Lib. Periodicals/Books & Journals	Rs. 58,55,059/-	
(c) Lib. Books	Rs. 10,47,567/-	
(d) Equip. forUSIC	Rs. 1,78,582/-	
(e) Vehicle	Rs. 4,83,465/-	Rs. 1,03,33,475/-
(f) V-sat	Rs. 4,83,592/-	
(g) Other Capital items	Rs. 31,567/-	

9. Other Charges for Schools:-

(a) Sch. of Social Science	Rs. 49,977/-	
(b) Sch. of Phy. Science	Rs. 14,74,877/-	
(c) Sch. of Life Science	Rs. 30,40,381/-	Rs. 50,73,270/-
(d) Sch. of Human & Env't. Science	Rs. 3,95,450/-	
(e) Sch. of Humanities & Edn.	Rs. 26,523/-	
(f) Sch. of Eco. Management & Infor. Science.	Rs. 86,062/-	

10. Other Charges of Centres:

(a) Centre for Eco. Dev.	Rs. 11,413/-	
(b) Centre for Comp. Science	Rs. 44,858/-	
(c) Centre for Dist. Edn.	Rs. 3,406/-	
(d) Centre for ISOSB	Rs. 6,762/-	
(e) Centre for Applied Stat.	Rs. 977/-	Rs. 4,40,201/-
(f) Centre for Adult Edn.	Rs. 17,909/-	
(g) Centre for Creative Arts	Rs. 18,800/-	
(h) Centre for Science Edn.	Rs. 3,27,275/-	
(i) Centre for Lit. & Cultural Studies.	Rs. 8,801/-	

11. Other Charges for Academic & Administrative Supports.

(a) University Library	Rs. 3,47,965/-	
(b) Hostel for Men	Rs. 21,063/-	Rs. 3,82,296/-
(c) Hostel for Women	Rs. 12,316/-	
(d) Proctor's Office	Rs. 952/-	

12. Remittance to Mizoram Campus	Rs. 2,20,96,614/-
13. Remittance to P.U.C.	Rs. 3,24,61,943/-
14. Remittance to Tura Campus	Rs. 75,11,748/-
15. Remittance to Kendriya Vidyalaya	Rs. 45,00,000/-
16. Silver Jubilee	Rs. 3,96,580/-

TOTAL EXPENDITURE

Rs. 31,16,46,327/-

II PLAN

(A) RECEIPT

1. Infrastructure development under Non Lapsable Pool Fund	Rs. 7.74,00,000/-
2. Plan grant (IX-Plan general development grant)	Rs. 5,10,00,000/-
3. Interest on investment	Rs. 35,48,241/-
TOTAL RECEIPT	Rs.13,19,48,241/-

(B) EXPENDITURE

1. Construction of 150 Staff Quarters	Rs. 37,81,600/-
2. Construction of 200 seated hostel, etc.	Rs. 7,01,794/-
3. Construction of Admn. Block for Head Quarter	Rs. 40,39,070/-
4. Books & Equipment	Rs. 2,01,144/-
5. Central University	Rs. 9,000/-
6. Construction of Kendriya Vidyalaya	Rs. 20,04,988/-
7. Construction of Sports Complex	Rs. 5,700/-
8. Equipment Grant	Rs. 8,18,235/-
9. Furnishing of V.C's Residence	Rs. 2,83,630/-
10. IX Plan N.A.A.C	Rs. 15,587/-
11. Books	Rs. 2,21,153/-
12. Remittance to Mizoram Campus	Rs. 42,62,600/-
13. Remittance to P.U.C.	Rs. 9,00,000/-
14. Remittance to Tura Campus	Rs. 64,000/-
15. Construction of Social Science Complex	Rs. 34,40,035/-
16. Visiting Professor TA/Honorarium	Rs. 6,47,269/-
TOTAL EXPENDITURE	Rs.2,13,95,815/-

N.B.: The figures under Receipt/expenditure are provisional as the account for 2000-01 are yet to be finalised.

SCHEDULED CASTE/TRIBE

Since inception in 1983 with full financial support from the University Grants Commission, the special cell for Scheduled Castes and Tribes was wholetimely and actively involved in works to oversee and monitor the implementation of the Reservation Policy of the Government for the welfare of Scheduled Caste and Scheduled Tribes communities in the University. As a result of which, reservation for these communities has been made available to nearly all sections of the University in matters like admission of students to Post-Graduate courses and University hostels, appointment of teaching and Non-Teaching staff and allotment of quarters as per provision of the Government of India's orders.

During the year 2000-2001 with financial support of the U.G.C., a computer was installed in the cell for efficient and speedy disposal of works. The incumbent Statistical Assistant was deputed to undergo a short term course in computer operation at the Computer Centre of the University. Further, during the year, a Standing committee for SCs/STs under the Chairmanship of the Vice-Chancellor and one member for the U.G.C. was reconstituted for giving guidance and advice in matters relating to reservation for Scheduled Castes/Scheduled Tribes. An advisory Committee for implementation of Post-based rosters was also constituted under the Chairmanship of the Registrar of the University. This has become necessary in view of the switch over from the vacancy-based to Post-based rosters as per the Supreme Court instruction in this matter.

During the year 2000-2001 all the affiliated colleges in both the states of Meghalaya and Mizoram, including those in interior and remote areas were inspected. Various statistical information relating to SC/ST matters were collected on the spot for preparing a report as required by the University Grants commission. The report in this respect had been forwarded to the Commission as directed.

Statistics showing the position of SCs/STs in the University in matter of appointments (teaching and non-teaching) and in University hostels are shown in Annexure-I, II and III. It may be seen that during the year, no appointment has been made to any teaching post in the University. However, the present percentage of SC/ST in Teaching posts is 32.7%. Non-Teaching posts, 67.47% (SC/ST) and in hostels the percentage of SCST is 84%.

Annexure - I

HOSTEL ADMISSION DURING 2000-2001

	Total No. of Residents	No. of SC/ST Residents	Percentage of SC/ST
Men's Hostels	163	143	87.73%
Women's Hostels	162	130	80.24%
TOTAL	325	273	84%

Annexure - II

APPOINTMENTS

A. TEACHING (As on 31.3.2001)

	Others			S.Caste			S.Tribe			TOTAL			Percentage SC/ST
	M	F	T	M	F	T	M	F	T	M	F	T	
Professor	53	7	60	-	-	-	5	4	9	58	11	69	13.04%
Reader	49	3	52	-	-	-	13	10	23	62	13	75	30.66%
Lecturer	24	8	32	-	-	-	21	17	38	45	25	70	54.28%
TOTAL	126	18	144	-	-	-	39	31	70	165	49	214	

Overall percentage of SC/ST = 32.7%

Annexure - III

B. NON-TEACHING (As on 31.3.2001)

	M F T			M F T			M F T			M F T			Percentage of SC/ST
Group-A	27	3	30	-	-	-	22	13	35	49	16	65	53.84%
Group-B	50	6	56	1	-	1	29	24	53	80	30	110	48.18%
Group-C	152	21	173	3	1	4	199	187	386	354	209	563	68.56%
Group-D	92	9	101	6	1	7	188	73	261	286	83	369	70.73%
TOTAL	321	39	360	10	2	12	438	297	735	769	338	1107	

Overall percentage of SC/ST = 67.47%

APPENDIX : 'A'

**ENROLMENT OF STUDENTS IN POST-GRADUATE GRADUATE COURSES IN THE
UNIVERSITY DURING 2000-2001**

Sl. No.	Name of the Course	Year I							
		Others		SC		ST		Total	
		M	F	M	F	M	F	M	F
1.	B.A.(General)	275	254	33	27	1765	1842	2073	2123
2.	B.A. (Major)	165	128	19	14	1108	1243	1292	1455
3.	B.Sc. (General)	23	14	-	1	90	48	113	63
4.	B.Sc. (Major)	156	122	9	3	437	370	602	495
5.	B.Sc. Home Sc.(Genl)	-	-	-	-	-	5	-	5
6.	B.Sc. Home Sc. (Major)	-	4	-	-	-	32	-	36
7.	B.Com (General)	127	35	10	5	206	70	343	110
8.	B.Com (Major)	99	67	2	2	163	91	264	160
9.	B.B.A. (Major)	12	5	1	-	17	12	30	17
10.	B.C.A.	17	4	-	-	16	6	33	10
11.	LL.B	18	20	8	5	530	239	556	264
12.	B.Ed.	28	50	6	3	115	132	149	185

Year II

1.	B.A.(General)	313	264	28	15	1847	1556	2188	1835
2.	B.A. (Major)	122	185	11	17	1179	1082	1312	1284
3.	B.Sc. (General)	21	20	1	-	101	48	123	68
4.	B.Sc. (Major)	91	75	4	4	307	234	402	313
5.	B.Sc. Home Sc.(Genl)	-	-	-	-	-	1	-	1
6.	B.Sc. Home Sc. (Major)	-	1	-	-	-	26	-	27
7.	B.Com (General)	141	25	2	1	191	54	334	80
8.	B.Com (Major)	87	39	4	1	153	70	244	110
9.	B.B.A. (Major)	13	-	-	-	7	4	20	4
10.	B.C.A.	18	-	1	-	8	3	27	3
11.	LL.B	46	22	4	2	251	103	301	127
12.	B.Ed.								

Year III

1.	B.A.(General)	202	205	31	17	1669	1607	1902	1829
2.	B.A. (Major)	104	164	6	11	875	938	985	1113
3.	B.Sc. (General)	25	12	1	1	95	40	121	53
4.	B.Sc. (Major)	84	81	2	2	240	176	326	259
5.	B.Sc. Home Sc.(Genl)	-	-	-	-	-	1	-	1
6.	B.Sc. Home Sc. (Major)	-	3	-	-	-	10	-	13
7.	B.Com (General)	63	20	1	2	185	56	249	78
8.	B.Com (Major)	45	26	4	3	95	40	144	69
9.	B.B.A. (Major)	2	4	-	-	3	8	5	12
10.	B.C.A.	-	-	-	-	-	-	-	-
11.	LL.B	25	10	2	1	159	97	186	108
12.	B.Ed.								

**ENROLMENT OF STUDENTS IN POST-GRADUATE/GRADUATE COURSES IN THE
UNIVERSITY DURING 2000-2001**

SEMESTER - I

Sl. No.	Name of the Course	Others		SC		ST		TOTAL	
		M	F	M	F	M	F	M	F
13.	M.A.	26	61	1	3	281	346	308	410
14.	M.Sc.	21	17	1	-	60	42	82	59
15.	M.Com	2	3	-	-	10	15	12	18
16.	M.Libs	3	3	-	-	4	15	7	18
17.	Certificate	-	1	-	-	3	6	3	7
18.	Diploma	1	1	-	-	7	9	8	10
19.	M.Phil (Arts)	7	4	-	-	33	29	40	33
20.	M.Phil (Science)	1	-	-	-	1	1	2	1
21.	Ph.D. (Arts)	26	19	-	-	79	111	105	130
22.	Ph.D. (Science)	30	16	-	-	38	16	68	32
23.	Ph.D. (Lib. Science)	4	1	-	-	3	5	7	6

SEMESTER - III

13.	M.A.	13	49	2	4	260	330	275	383
14.	M.Sc.	11	25	-	1	51	39	62	65
15.	M.Com	6	-	-	-	10	8	16	8
16.	M.Libs	1	4	-	-	3	9	4	13
17.	Certificate								
18.	Diploma								
19.	M.Phil (Arts)								
20.	M.Phil (Science)								
21.	Ph.D. (Arts)								
22.	Ph.D. (Science)								
23.	Ph.D. (Lib. Science)								

ANALYSIS OF EXAMINATION RESULTS ; 2000 APPEARED

Name of the Course		Others		ST		SC		Total	
		M	F	M	F	M	F	M	F
B.Ed.	1999	39	51	149	160	-	2	188	213
LL.B		20	10	16	12	-	-	36	22
B.Libs.		-	-	1	-	-	-	1	-
M.A.		14	59	214	311	1	3	229	373
M.Sc.		12	11	55	26	-	-	67	37
M.Com		3	2	10	6	-	-	13	8
M.Libs		1	4	-	8	-	-	1	12
Repeaters	M.A.	1	4	26	30	-	-	27	34
"	M.Sc.	2	2	2	1	-	-	4	3
"	M.Com.	-	-	1	-	-	-	1	-
"	M.Libs	-	-	1	-	-	-	1	-
Certificate		1	-	-	-	-	-	1	-
Course in Applied									
Statistics									
Diploma in Folkloristics		-	-	2	7	-	-	2	7
Repeaters in Folkloristics		-	-	2	3	-	-	2	3
(Diploma)									

ANALYSIS OF EXAMINATION RESULTS : 2000

PASSED

Name of the Course		Others						S.Tribe						S.Caste						Total	
		Male			Female			Male			Female			Male			Female			Male	Female
		I	II	P	I	II	P	I	II	P	I	II	P	I	II	P	I	II	P		
B.Ed.	1999	11	22	2	31	17	-	12	72	30	27	83	19	-	-	-	1	1	-	149	179
LL.B.		-	18	-	-	10	-	-	11	-	-	7	-	-	-	-	-	-	-	29	17
B.Libs.		-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	1	-
M.A.		2	10	2	27	22	-	28	141	19	54	171	43	1	-	-	1	1	-	203	321
M.Sc.		7	2	-	9	1	-	30	14	1	18	2	-	-	-	-	-	-	-	54	30
M.Com		-	3	-	-	2	-	-	8	-	2	3	-	-	-	-	-	-	-	11	7
M.Libs		-	1	-	3	1	-	-	-	-	1	7	-	-	-	-	-	-	-	1	12
Repeaters M.A.		-	1	-	-	4	-	1	17	8	2	21	7	-	-	-	-	-	-	27	34
-do- M.Sc.		-	1	-	-	2	-	-	1	1	-	1	-	-	-	-	-	-	-	3	3
-do- M.Com		-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
-do- M.Libs		-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Certificate		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Course in Applied Statistics																					
Diploma in Folkloristics		-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	3
Repeaters in Folkloristics (Diploma)		-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	1

ANALYSIS OF EXAMINATION RESULTS

APPEARED IN CERTAIN SUBJECT

PASSED IN CERTAIN SUBJECTS

Name of the

Course

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

B.Ed. 1999	1	1	4	2	-	-	5	3	-	1	4	2	-	-	4	3
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AWARD OF THE DEGREE OF M.PHIL/Ph.D. DURING THE YEAR 2000

Name of the
Course

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

Arts	1	2	5	9	-	-	6	11	2	8	5	5	-	-	7	13
Science	-	-	-	-	-	-	-	-	9	11	3	6	-	-	12	17

MEMBERS OF THE EXECUTIVE COUNCIL

1. Vice-Chancellor, NEHU, Shillong.
2. Professor R. Lalthantluanga
Pro-Vice-Chancellor,
NEHU, Mizoram Campus, Aizawl.
3. Professor M.S. Sangma
Pro-Vice-Chancellor,
NEHU, Tura Campus, Tura.
4. Professor (Mrs) K.S. Lyngdoh
Pro-Vice-Chancellor,
NEHU, Shillong.
5. Professor S.S. Khare
Dean, School of Physical Sciences
NEHU, Shillong.
6. Professor T.B. Subba
Dean, School of Human & Environmental Sciences, NEHU, Shillong.
7. Professor J.C. Binwal
Dean, School of Economics Management & Information Sciences,
NEHU, Shillong.
8. Professor J.B. Bhattacharjee
Department of History,
NEHU, Shillong.
9. Dr. R.S. Wangu
Department of Education,
NEHU, Mizoram Campus, Aizawl.
10. Principal
Sankerdev College, Shillong.
11. Principal
Saiha College, Saiha,
Mizoram, Aizawl.
12. Director
Higher and Technical Education
Government of Meghalaya
Shillong.
13. Director
Higher and Technical Education
Government of Mizoram, Aizawl.
14. Registrar (Ex-Officio Secretary)
NEHU, Shillong.
15. Finance Officer (Permanent Invitee)
NEHU, Shillong.

MEMBERS OF THE ACADEMIC COUNCIL

Vice-Chancellor, (Ex-Officio)
Professor M. Miri,
Vice-Chancellor,
North-Eastern Hill University.

Professor R. Lalthantluanga
Pro-Vice-Chancellor
NEHU, Mizoram Campus, Aizawl.

Professor M.S. Sangma
Pro-Vice-Chancellor
NEHU, Tura Campus, Tura.

Professor K.S. Lyngdoh
Pro-Vice-Chancellor
NEHU, Shillong.

Dean, School of Life Sciences, NEHU,
Shillong.

Dean, School of Humanities & Education,
NEHU, Shillong.

Dean, School of Physical Sciences, NEHU,
Shillong.

Dean, School of Social Sciences, NEHU,
Shillong.

Dean, School of Economics Management
& Information Sciences, NEHU, Shillong.

Dean, School of Human and Environmen-
tal Sciences, NEHU, Shillong.

Dean, Students' Welfare, NEHU, Shillong.

Head, Department of History, Shillong.

Head, Department of Public Administra-
tion, Aizawl.

Head, Department of Political Science,
Shillong.

Head, Department of Sociology, Shillong.

Head, Department of Psychology, Aizawl.

Head, Department of Economics, Shillong.

Head, Department of Library and Informa-
tion Sciences, Shillong.

Head, Department of Economics, Aizawl.

Head, Department of Bio-Chemistry,
Shillong.

Head, Department of Botany, Shillong.

Head, Department of Zoology, Shillong.

Head, Centre for Environmental Studies,
Shillong.

Head, Department of Anthropology,
Shillong.

Head, Department of Geography, Shillong.

Head, Department of Chemistry, Shillong.

Head, Department of Mathematics,
Shillong.

Head, Department of Physics, Shillong.

Head, Centre for Applied Statistics,
Shillong.

Head, Department of English, Shillong.

Head, Department of Khasi, Shillong.

Head, Department of Linguistics, Shillong.

Head, Department of Philosophy, Shillong.

Head, Department of Education, Shillong.

Head, Department of English, Aizawl.

Head, Department of Education, Aizawl.

Head, Centre for Supportive Learning
Systems, Shillong.

Head, Centre for Cultural & Creative
Studies, Shillong.

Head, Department of Forestry, Aizawl.

Head, Computer Centre, Shillong.

Director, Institute of Self-Organising
Systems and Bio-Physics, Shillong.

Head, Department of Commerce, Shillong.

In-charge, Department of Hindi, Shillong.

Head, Department of English, Tura.

Head, Department of Garo, Tura.

Head, Department of Mizo, Aizawl.

Librarian, NEHU, Shillong.

Principal, Pachhunga University College,
Aizawl.

Professors :

Department of Political Science, Shillong.

1. Professor R.L. Walli
2. Professor A.K. Baruah
3. Professor Rupa Borgohain
4. Professor L.S. Gassah

Department of Public Admn. Aizawl.

1. Professor R.N. Prasad

Department of Sociology, Shillong.

1. Professor A.C. Sinha
2. Professor M.N. Karna
3. Professor C. Nunthara

Department of History, Shillong.

1. Professor J.P. Singh
2. Professor Imdad Hussain
3. Professor J.B. Bhattacharjee

Department of Economics, Shillong.

1. Professor S.K. Mishra
2. Professor M. Lalwani
3. Professor P.M. Passah

Department of Economics, Aizawl.

1. Professor Tianglawma

Department of Library and Information
Sciences, Shillong.

1. Professor J.C. Binwal

Centre for Supportive Learning Systems,
Shillong.

1. Professor M.C. Pandey
2. Professor M.M. Singh
3. Professor Biloris Lyndem Laso

Department of Bio-Chemistry, Shillong.

1. Professor A.N. Rai

Department of Botany, Shillong.

1. Professor R.R. Mishra
2. Professor R.S. Tripathi

3. Professor P. Tandon
4. Professor H.N. Pandey

Department of Commerce, Shillong

1. Professor V K Kumar

Department of Zoology, Shillong.

1. Professor A.R. Verman
2. Professor (Mrs.) V. Tandon
3. Professor K. Chatterjee
4. Professor B.K. Sharma

Department of Anthropology, Shillong.

1. Professor T.B. Subba

Department of Geography, Shillong.

1. Professor R.K. Rai
2. Professor A.C. Mohapatra
3. Professor R. Gopalakrishnan

Department of Chemistry, Shillong.

1. Professor S.N. Bhatt
2. Professor M.K. Mahanti
3. Professor K. Ismail

Department of Mathematics, Shillong.

1. Professor S.S. Khare
2. Professor M.B. Rege
3. Professor S.K. Srivastava
4. Professor H.K. Mukherjee

Department of Physics, Shillong.

1. Professor A.L. Verma
2. Professor C.S. Shastry
3. Professor Y.S.T. Rao
4. Professor P. Shukla
5. Professor K. Kumar

Institute of Self Organising System and Bio-Physics, Shillong.

1. Professor R.P. Bajpai

Department of English, Shillong.

1. Professor E.N. Lall
2. Professor N. Hasan

3. Professor R.P. Sharma
4. Professor T. Ao

Department of Khasi, Shillong.

1. Professor B.L. Swer

Department of Linguistics, Shillong.

1. Professor (Miss) J. War

Department of Philosophy, Shillong.

1. Professor N. Malla
2. Professor Mrinal Miri
3. Professor Sujata Miri

Department of English, Tura.

1. Professor S. Ganguly

Department of Garo, Tura.

1. Professor C.R. Marak

Department of Education, Shillong.

1. Professor K.S. Lyngdoh
2. Professor M.S. Padma
3. Professor P.P. Gokulanathan
4. Professor R. Bhattacharjee

Department of Education, Aizawl.

1. Professor K.P. Nath

Centre for Cultural and Creative Studies, Shillong.

1. Professor (Mrs) H. Giri

Department of Forestry, Aizawl.

1. Professor L.K. Jha

Principals of Colleges admitted to the privileges of the University. (Principals of Affiliated Colleges).

Mrs. J.E. Shullai, Principal, College of Teacher Education, Shillong.

Fr. Stephen Mavely, Principal, St. Anthony's College, Shillong.

Shri Debasish Choudhury, Principal,
Women's College, Shillong.

Five teachers of the University, other than those under (1) to (viii) above, by rotation according to seniority of which two shall be Readers and three Lecturers.

Dr. R.S. Wangu, Reader, Department of Education, Aizawl.

Dr. P.K. Saikia, Reader, Department of Mathematics, Shillong.

Dr. S. Aravamudhan, Lecturer, Department of Chemistry, Shillong.

Shri P. Jhingan, Lecturer, Literary & Cultural Studies, Shillong.

Shri P.G. Momin, Lecturer, Department of Geography, Shillong.

Four persons, not being employees of the University or of a College or Institution by or affiliated.

Professor I.N. Tiwari, Professor & Head, Department of Pol. Science, C.C.S. University, Meerut (UP).

Professor Anwar Ahmed Khan, Professor & Head, Department of Physics, Ranchi University, Bihar-Pin No.834008.

Dr. A. Gnanam, Chairman, NAAC, Bangalore - 560010

Professor A.C. Bhagabati, National Highway. (Bypass No.37), Guwahati - 781014.

Five teachers of the Colleges admitted to the Privileges of the University -- three from Meghalaya, two from Mizoram elected from themselves.

Mr. Bikash Roy, Shillong College, Shillong.

Mr. C. Khongwir, St.Edmund's College, Shillong.

Ms. S. Datta, St.Mary's College, Shillong.

Dr. K.L. Pradhan, Govt. Zirtiri Women's College, Aizawl, Mizoram.

Mr. Zochungnunga, Govt. Aizawl College, Aizawl, Mizoram.

Two Post-Graduate Students of the University - One from Sciences and one from Humanities and one Research Scholar to be elected on academic merit in the manner prescribed by an Ordinance.

Post-Graduate Students :

Mr. Lobisor Kurbah,
Department of Physics, NEHU, Shillong.

Ms. Minakshi Chakraborty,
Department of Economics, NEHU, Shillong.

Research Scholar :

Ms. Sangeeta Bharali,
Department of Botany, NEHU, Shillong.

Permanent Invitee (s)

Director, College Development Council, NEHU, Shillong.

Controller of Examinations, NEHU, Shillong.

Secretary (Ex-Officio) :

Registrar, NEHU, Shillong.

MEMBERS OF THE COURT

Chancellor,
Shri Krishna Kant,
Vice-President of India,
New Delhi - 110 011 (India)

Vice-Chancellor,
Professor M.Miri,
North-Eastern Hill University,
Shillong.

Pro-Vice-Chancellors
Professor R. Lalthantluanga,
Mizoram Campus.
Professor M.S. Sangma,
Tura Campus, Tura.
Professor K.S. Lyngdoh,
Shillong Campus, Shillong.

Dean, Students' Welfare, NEHU, Shillong.

Registrar, NEHU, Shillong.

Librarian, NEHU, Shillong.

Chief Proctor, NEHU, Shillong.

Finance Officer, NEHU, Shillong.

Dean, School of Life Sciences, Shillong.

Dean, School of Humanities & Education,
Shillong.

Dean, School of Physical Sciences, Shil-
long.

Dean, School of Social Sciences, Shillong.

Dean, School of Economics, Management
and Information Sciences, Shillong.

Dean, School of Human & Environmental
Sciences, Shillong.

Professors :

Department of Geography, Shillong.

1. Professor R.K. Rai
2. Professor A.C. Mohapatra
3. Professor R. Gopalakrishnan

Department of Political Science, Shillong.

1. Professor R.L. Walli
2. Professor A.K. Baruah
3. Professor (Mrs) R. Borgohain
4. Professor L.S. Gassah

Department of Public Admn., Aizawl.

1. Professor R.N. Prasad

Department of Sociology, Shillong.

1. Professor A.C. Sinha
2. Professor M.N. Karna
3. Professor C. Nunthara

Department of History, Shillong.

1. Professor J.P. Singh
2. Professor Imdad Hussain
3. Professor J.B. Bhattacharjee

Department of Economics, Shillong.

1. Professor S.K. Mishra
2. Professor M. Lalwani
3. Professor P.M. Passah

Department of Economics, Aizawl.

1. Professor Tlanglawma

Department of Library and Information
Sciences, Shillong.

1. Professor J.C. Binwal

Centre for Supportive Learning Systems,
Shillong.

1. Professor M.M. Singh
2. Professor M.C. Pandey
3. Professor Biloris Lyndem Laso

Department of Bio-Chemistry, Shillong.

1. Professor A.N. Rai

Department of Botany, Shillong.

1. Professor R.R. Mishra
2. Professor R.S. Tripathi
3. Professor P. Tandon
4. Professor H.N. Pandey

Department of Zoology, Shillong.

1. Professor A.R. Verman
2. Professor (Mrs) V. Tandon
3. Professor K. Chatterjee
4. Professor B.K. Sharma

Department of Anthropology, Shillong.

1. Professor T.B. Subba

Department of Chemistry, Shillong.

1. Professor S.N. Bhatt
2. Professor M.K. Mahanti
3. Professor K. Ismail

Department of Mathematics, Shillong.

1. Professor S.S. Khare
2. Professor M.B. Rege
3. Professor S.K. Srivastava
4. Professor H.K. Mukherjee

Department of Physics, Shillong.

1. Professor A.L. Verma
2. Professor C.S. Shastri
3. Professor Y.S.T. Rao
4. Professor P. Shukla
5. Professor K. Kumar

Institute of Self Organising Systems and
Bio-Physics, Shillong.

1. Professor R.P. Bajpai

Department of English, Shillong.

1. Professor E.N. Lall
2. Professor N. Hasan
3. Professor R.P. Sharma
4. Professor T. Ao

Department of Khasi, Shillong.

1. Professor B.L. Swer

Department of Linguistics, Shillong.

1. Professor J. War

Department of Philosophy, Shillong.

1. Professor N. Malla
2. Professor Sujata Miri

Department of English, Tura.

1. Professor S. Ganguly

Department of Garo, Tura.

1. Professor C.R. Marak

Department of Education, Shillong.

1. Professor (Mrs) M.S. Padma
2. Professor P.P. Gokulanathan
3. Professor R. Bhattacharjee

Department of Education, Aizawl.

1. Professor K.P. Nath

Centre for Cultural and Creative Studies,
Shillong.

1. Professor H. Giri

Department of Forestry, Aizawl.

1. Professor L.K. Jha

Department of Commerce, Shillong.

1. Professor Vijai Kumar

Head, Department who are not Professors,
(Ex-Officio)

Head, Department of Psychology,
Mizoram Campus, Aizawl.

Head, Department of Bio-Chemistry,
Shillong.

Head, Department of Public Admn.,
Mizoram Campus, Aizawl.

Head, Department of Education,
Mizoram Campus, Aizawl.

Head, Department of English,
Mizoram Campus, Aizawl.

Head, Department of Forestry,
Mizoram Campus, Aizawl.

Head, Department of Hindi,
Shillong.

Head, Department of Library and In-
formation Sciences, Shillong

Head, Department of Khasi, Shillong.

Head, Department of Anthropology,
Shillong.

Two Readers who are not Head of Depart-
ment and two Lecturers to be appointed by
rotation in the manner prescribed by
Ordinances.

Readers

1. Dr. Y.S. Jain, Department of Physics,
Shillong.
2. Dr. R.K. Poddar, Department of
Chemistry, Shillong.

Lecturers

1. Smti R. Ralte, Department of
English, Mizoram Campus, Aizawl.
2. Shri P. Jhingan,
Unit for Literary and Cultural Studies,
NEHU, Shillong.

Seven Principals of Colleges in the State of
Meghalaya and three from Mizoram.

Meghalaya

Principal,
Meghalaya College Teacher of
Education, Shillong.
Principal,
Tura Law College, Tura.
Principal,
Upper Shillong College, Kynton,
Shillong - 793 005.
Principal,
Durama College,
Tura - 794 001.
Principal,
Captain Williamson Memorial College,
Baghmara, Garo Hills.
Principal,
B.Ed. College, Tura.
Principal,
Budha Bhanu Saraswati College,
Shillong.

Mizoram:

Principal,
Hnahthial College,
Hnahthial - 796 571.
Principal,
Zirtiri Women's College,
Aizawl - 796 001.
Principal,
Hrangbana College,
Hrangbana, Mizoram.

Four Lok Sabha members to be nominated
by the Speaker and two Rajya Sabha
members to be nominated by the Chair-
man of Rajya Sabha.

LOK SABHA

1. Shri Ajay Chakraborty,
210 V.P. House, New Delhi - 110 001
2. Shri Rajen Gohain,
106 Assam Bhawan, New Delhi-21

3. Shri Holkhemang Hoakip,
A-3 M.S. Flats, B.K.S. Marg,
New Delhi - 110 001
4. Shri K.A. Sangtam,
C-1/7 Humayun Road,
New Delhi - 110 003

RAJYA SABHA

1. Dr. Arun Kuman Sarma,
P.O. Japisajia, North Lakhimpur,
Assam - 787 001.
and
68 South Avenue, New Delhi - 100 011
Email : asks @ sansad nice. in
2. Shri C. Apok Jamir,
Half Nagarajan, P.O. Dimapur,
Nagaland
and
C-304, Swarna Jayanti Sadan,
Dr. B. Marg, New Delhi - 110 001
Email : apok @ Sansad. Nice. in

Four Students to be nominated by the Vice-Chancellor.

1. Ms. Angela Golda Rangad,
Department of Anthropology,
Shillong.
2. Mr. Lalnunpuria,
Department of Physics, Shillong.
3. Mr. Manti P. Khonglah,
Department of Sociology, Shillong.
4. Ms. Crystine Syngai,
Department of Zoology,
Shillong.

Two persons nominated by the Chancellor.

1. Dr. Charan D. Wadhwa,
Research Professor, Centre for Policy
Research, Dharma Marg,
Chanakyapur, New Delhi-110 021.
2. Professor Ramakant Agiras,
Professor of Sanskrit (Rtd.),
Punjab University,
1605, Sector - 443,
Chandigarh - 160 047.

Two members of Non-Teaching Staff
nominated by the Vice-Chancellor.

1. President,
Non-Teaching Staff Association,
NEHU, Shillong.
2. General Secretary,
Non-Teaching Staff Association,
NEHU, Shillong.

Two representatives from the State of Meghalaya and one from Mizoram nominated by the State Government.

MEGHALAYA

1. Shri C. Wolflang,
Director, Higher and Technical
Education.
Director, Educational Research and
Training, Meghalaya, Shillong.
2. Shri T. Mark,
Director,
Elementary & Mass Education,
Shillong.

MIZORAM : *Vacant*

Members of the Executive Council who are
not otherwise members of the Court.

1. Director, Higher & Technical
Education, Government of Meghalaya
Shillong.
2. Director of Higher & Technical
Education, Government of Mizoram,
Aizawl.
3. Principal,
Saiha College,
Saiha, Mizoram.
4. Principal, Sankardev College,
Shillong.

OFFICERS

Registrar	: L Nampui
Controller of Examinations	: Dr. A. Patton
Finance Officer	: L. Nampui, IRS
Librarian	: Dr. L.P. Pathak (upto November 2000) Mrs. Isylda Majaw (w.e.f. 30.11.2000)
Technical Consultant	: H. Syiem

Deputy Registrars :

Planning & Legal Cells	: J N Nayak
Conference, Report Cell, Hindi Cell, C.R.C. and Establishment - I	: J.M.S. Khongwir
Establishment II	: B. Bareh
Finance	: K.M. Deb
Examinations	: L.M.K. Lyngrah
Academic	: R.K. Tiwari

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Examinations	: L.D. Nalle
Finance	: C.D. Rynjah
Establishment II & CRC	: N. Purkayastha
Establishment I	: K. Nengnong
Planning & Estate	: L. Zadeng
Printing & Stationery	: P.K.D. Purkayastha

Deputy Librarian	: Icylda Majaw
Dean Student's Welfare	: B. Kharbuli
Executive Engineer	: N P Garg
Assistant Librarians	: K K Das M V Soanes R Mishra P K Mitra
Assistant Director of Sports	: P Blah
Director, College Development Council	: Dr. B K Dev Sarma

Director, Computer Centre	: Dr. S N Rai
Head, Regional Sophisticated Instrumental Centre	: Dr D T Khathing (upto 20.12.2000)
Teacher in-charge Sports	: Dr. E D Thomas
Director Publications	: Professor R. Gopalakrishnan
Co-ordinator, NSS	: Dr. R N Sharan
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Proctor (Campus)	: Dr S B Prasad
Proctor (City)	: Dr B Myrboh
Vigilance Officer	: J M S Khongwir
Grievance Officer	: Dr Surinder Singh
Audit Officer	: B K Sen
Sr. Medical Officers	: Dr. V.S.V. Prasad
	: Dr. I. Hussain
	: Dr. M.Synrem
Medical Officer	: Dr. M. Marwein

MIZORAM CAMPUS

Deputy Registrar	: L.H. Sailo
Assistant Registrar	: S. Sailo
Assistant Director (Sports)	: Dr. F. Lawnkima
Assistant Librarian	: K.M. Zakhuma
	: Lalriamsiami
Senior Medical Officer	: Dr. D.K. Bahali

TURA CAMPUS

Deputy Registrar	: L Marbaniang
Assistant Librarian	: A.K. Kundu

AFFILIATED COLLEGES

Name of Colleges	Principal	Year of Estd.	Level to which Affiliated
MEGHALAYA			
1. St.Edmund's College Shillong.	Bro.E.V.Miranda	1924	Degree (Arts,Sc., & Commerce.)
2. St.Anthony's College Shillong.	Fr. Stephen Mavely	1934	-do-
3. Lady Keane College Shillong.	Ms. A.M.Marbaniang	1935	Degree (Arts & Science)
4. St.Mary's College Shillong.	Sr.Philomina Kharakor	1937	-do-
5. Union Christian College,Barapani.	Dr. R.N. Misahari	1952	-do-
6. Shillong College Shillong.	Mrs. M.P.R.Lyngdoh	1956	Degree (Arts, Science and Commerce)
7. Tura Govt.College Tura - 793004	Sh. L.D. Shira	1958	-do-
8. Sankardev College Shillong - 4.	Smti. D. Dkhar	1962	Degree (Arts and Science)
9. Synod College Shillong - 2	Sh.A.B.Basaiaiwmoit	1965	-do-
10. Kiang Nongbah Govt. College, Jowai	Dr. H.L.Deb Roy	1967	-do-
11. Mendipathar College Mendipathar-794112	Sh.B.B.Chakraborty	1971	Degree (Arts)
12. Seng Khasi College Shillong - 2.	Ms. B. Tymthai	1973	-do-
13. Nongstoin College Nongstoin-793119.	Sh. B.K.Laitflang	1986	-do-
14. Acheng Rangmanpa College, Mahendraganj 793119.	Sh.Dominic Ch.Marak	1986	Degree (Arts and Science)
15. Raid Laban College Shillong - 4	Sh. S.Nongbri	1985	Degree (Arts,Sci. and Commerce)
16. Ri Bhoi College Nongpoh	Sh. R.I. Masharing	1986	Degree (Arts)
17. Sngap Sing Memorial College, Mawkyrwat 793114.	Sh. S.B.Sohmat	1986	-do-

18. Shillong Commerce Shillong - 3.	Sh. R.Kharpor	1987	Degree Commerce
19. Sohra College Cherrapunjee 793180.	Sh. H.Livingstone Marbanianag	1986	Degree (Arts)
20. Don Bosco College Tura - 794001.	Fr. V.A.Cyriac	1987	Degree (Arts & Science)
21. Tirot Sing Memorial Mairang-793210.	Sh. Kan Sing Marwein	1987	Degree (Arts)
22. Women's College Shillong - 3.	Sh. D.Chowdhury	1987	Degree (Arts)
23. Tikrikilla College Tikrikilla W.Garo Hills.	Sh.Nanda B.Gaire (actg)	1988	-do-
24. Kazi & Zaman College New Bhaibari, W.Garo Hills.	Sh.Khairul Islam Mondal	1992	-do-
25. Nongtalang College Nongtalang, Jaintia Hills.	Sh.G.J.Nongkhlaw	1992	-do-
26. Jaintia Eastern College Khliehriat,Jaintia Hills.	Sh. Phervision Nongtdu	1992	-do-
27. Upper Shillong College San Shnong High School, Shillong.	Sh. Oris Lyngdoh	1992	-do-
28. Durama College Tura -794001.	Sh. I.K. Sangma	1993	-do-
29. Budha Bhanu Saraswati College Mawprem, Shillong - 2.	Dr. N. N. Bora	1994	-do-
30. Morning Star College Nongthymmai, Shillong-14.	Dr. S. Myrthong	1994	-do-
31. Capt.Williamson Memorial College Badgmara, W.Garo Hills.	Sh. Bonberd Sangma	1994	-do-
32. Umshyrpi College Laban,Shillong-4.	Dr. Rina Dkhar	1995	-do-
33. Greater Mawlai College Mawlai, Shillong - 8.	Sh. S.Tariang	1993	-do-
34. N.E.R.I.S.T., Itanagar Arunachal Pradesh.	Prof. U.K.Sharma	1990	B. Tech.
35. Bissau College,Midland Compound Jowai Road Shillong - 3.	Dr.(Ms.) S. Bawri	1996	Degree (Arts and Commerce)
36. Thomas Joanes Synod College,Jaintia Hills.	Sh. B.N.Lamare	1998	Degree (Arts)
37. Mawsynram Border Area College, Nongkhlaw Mawsynram,Meghalaya.	Sh. Glenn Joseph	1998	-do-

38. St.Dominic College Pohkseh,Shillong 14.	Mrs. J.E. Street	1998	-do-
39. Nabon Synod College Jowai - 2.	Mrs. S.Sohkhlet	1998	-do-
40. Alpine College Nongthymmai Shillong – 3.	Sri S.Kharkongor	1999	-do-
41. North East Adventist College,Thadlaskein, Jowai Road, Jaintia Hills Meghalaya.	Sri.B.Renthlei	1999	-do-
42. Shillong Medical and Dental College, Laitumkhrah, Shillong – 3.	C.M. Jha	1999	Proposed Degree in M.B.B.S.
43. Shillong Engineering & Management College, Laitumkhrah,Shillong.	C.M. Jha	1999	Proposed Degree in Electrical Engg. Computer, BBA, Mech,Electronics B.C.A.
44. Post Graduate Training College, Shillong-3.	Mrs. J.E. Shullai	1964	B. Ed.
45. Shillong Law College Shillong - 3.	Shri H.Ahmed	1964	LL.B.
46. Tura Law College Tura 794001.	Shri L.Momin	1975	LL.B.
47. B.Ed. College Tura - 1.	Smti C.W.Momin	1993	B. Ed.
48. Khat-Ar-Daloi Law College, Jowai.	Shri C. Kharkongor	1986	LL.B.

MIZORAM

1. Pachhunga Univ. College, Aizawl 796001.	Dr.C.Tlanthianga	1968	Degree (Arts, Science and Commerce)
2. Lunglei Govt.College Lunglei 796701.	Sri. J.S. Pandey	1964	-do-
3. Serchip College Serchip - 796321.	Sri L.T. Muana	1973	-do-
4. Champhai Govt.College Champhai - 796321.	Sri. V.Suakbuanga	1974	-do-
5. Aizawl Govt. College Aizawl 796001.	Sri. Lalruanga	1975	-do-
6. Kolasib College Kolasib.	Sri.T.B.C.Liandala	1979	-do-

7. Saiha College Saiha - 796901.	Sri. C. Zohupa	1980	-do-
8. Hnahthial College Hnahthial - 796571.	Sri. Sangthanga	1979	Degree (Arts)
9. Zirtri Women's College Aizawl - 1.	Dr. Lalrimawia	1980	Degree (Arts Home Science)
10. Hrangbana College Hrangbana Aizawl - 1.	Sri. R. Zatlai	1981	Degree (Arts)
11. Lawngtlai College Lawngtlai - 796891.	Sri. T.thangthuana	1981	-do-
12. J.Buana College Lunglei.	Sri. V.T. Zuala	1983	-do-
13. Aizawl West College Aizawl - 1.	Sri. Vanlalkeuva	1992	-do-
14. Saitual College Saitual 796007 Mizoram.	Sri. Lalsiamhnuma	1992	-do-
15. Mamit College Mamit 796007 Mizoram.	Sri. Y.N.C. Singh	1992	Degree (Arts)
16. Zawlnuam College Zawlnuam 796007.	Sr. Robert Laltinchhawna	1993	-do-
17. Khawzawl College Khawzawl, Mizoram.	Sri.R.Lalrintluanga	1992	-do-
18. Aizawl North College Aizawl 796001.	Sri Lalrinawma	1990	-do-
19. Lalmingthanga Memorial College Durtlang, Mizoram.	Sri. H. Vara	1993	-do-
20. Bungkawn College Bungkawn 796007.	Dr.H.Vanlalhluna	1994	-do-
21. North Eastern College Khawdungsei, Mizoram.	Sri. M.Modhu Singh	1994	-do-
22. Johnson College Khatla, Aizawl 796001.	Prof.Darchhawna	1996	-do-
23. T.Romana College Aizawl 796007.	Dr.J.V. Hluna	1996	-do-
24. Bualpui College Bualpui(NG)Chimtuipui, Mizoram.	Shri.L.G. Singh	1993	-do-
25. Regional Para Medical & Nursing Training Institute,Mizoram.	Dr.B.Thangdailova	1997	Medical
26. Lunglei Morning College, Lunglei, Mizoram.	Sri. R. Roliana	1996	Degree (Arts)

27. J.Thankima College Bungkawn Mizoram Aizawl.	V. Chuanga	1996	Degree Arts(Pass)
28. College of Teachers Education, Aizawl 796001.	Dr.Varparhi Khiangte	1975	B. Ed.
29. Aizawl Law College Aizawl 796001.	Dr.H.C. Thanhanga	1983	LL.B.
30. Laldingpuia Law College, Mizoram.	Sri.L.H. Lianhrima	1996	LL.B.
31. Mizoram Comprehensive	Mrs.J.Dohmingthanga	1998	B.A./B.Sc.

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6. Professor D R Syiemlieh	Member
7. Dr Veena Saraf	Member
8. Dr N. Saha	Member
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SUJATA MIRI



SUJATA MIRI