

**SCHOOL OF ECONOMICS MANAGEMENT & INFORMATION SCIENCES**

**DEPARTMENT OF ECONOMICS**

The Department of Economics established in 1974 was part of the School of Social Sciences until 19.9.94. But subsequent to the reorganisation of schools, it now falls under the new school of Economics, Management and Information Sciences.

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

Since 1980 the Department has been giving greater importance to the study of the economy of the N.E. region and in this regard majority of the M.Phil and Ph.D. students are working on problems relating to the North-Eastern Region. The M.A. students are assigned empirical work/field study under a supervisor to bring out a dissertation in partial fulfilment of the requirement for the degree of M.A./M.Sc. in Economics; and since 1994 the course on "Economics of the North-Eastern Region" has been introduced as one of the full-fledged compulsory courses in the Fourth Semester.

The courses of study in the Department are periodically updated to take into account the latest development in the profession and to maintain national and international standards so as to make our students capable of competing with the products of other reputed Universities. To that end, adequate emphasis is given on the quantitative techniques. Our compulsory courses include Mathematics and Economists Statistics besides optional courses on various fields. The Department also offers courses on Operational Research, Econometrics, etc. as specialized optional courses.

Head of the Department: Prof. K. Bez

Faculty

Name	Designation	Specialization
1. Dr. K. Bez	Professor	Quantitative Econ., Econometrics, Statistics.
2. Dr. S.K. Mishra	Professor	Micro Economics, Planning, Operational Research, Econometrics.

3.	Dr. M. Lalwani	Professor	Micro and Macro Econ., Agricultural-Econ., Policy and Planning.
4.	Dr. N. Srivastav	Reader	Development Econ., Quantitative Econ., Planning Techniques, Industrial Econ.
5.	Dr. P.M. Passah	Reader	Development Econ., Economics History, Econ. of N.E. Region, Public Economics.
6.	Dr. T. Lawma	Reader	Econ. of N.E. Region, Manpower Planning, Agri. and Rural Dev.
	(Upto February 1995)		
7.	Dr. M.P. Bezbaruah		Econometrics, Agricultural Econ.
	(Upto 17 August 1994)		
8.	Dr. E.D. Thomas	Lecturer	Macroeconomics, International Econ.
9.	Mr. B. Mishra	Lecturer	Public Economics, Agri. Economics, Political Econ.
10.	Dr. A.C. Dube	Lecturer	Econometrics, Operational Research, Mathematical Econ., Urban Economics.

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Student intake

a) Enrolment capacity

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

b) Actual admissions:

M.A. - 50 students

SC/ST	- 22
General	- 28
Male	- 34
Female	- 16

M.Phil - 14

SC/ST	- 5
General	- 9
Male	- 9
Female	- 5

Ph.D. - 4  
SC/ST - 3  
General - 1  
Male - 2  
Female - 2

Courses conducted (titles only) :

M.A./M.Sc.

1st Semester

ECO 101 Political Economy.  
ECO 102 Macro-Economic Analysis-I  
ECO 103 Mathematics for Economists  
ECO 104 Statistical Analysis

2nd Semester

ECO 202 Macro-Economic Analysis-II  
ECO 205 Micro-Economic Analysis-I  
ECO 206 Public Economics  
ECO 207 Economics of Development and Planning

3rd Semester

ECO 305 Micro-Economic Analysis-II  
ECO 308 International Trade  
Optional 1  
Optional 2  
4th Semester

ECO 409 Indian Economy  
ECO 410 Economics of North-Eastern Region  
Optional 3  
Optional 4

## List of Optional Papers

Optional Courses are to be offered from the following list :

### One Semester Courses

ECO	3001	Theories of Industrial Economics
ECO	3002	International Trade & Monetary Policy
ECO	3003	Computer Programming for social Scientists
ECO	3004	Static Optimization Techniques
ECO	4001	Industrial Organization in India
ECO	4002	Environmental Economics
ECO	4003	Modern Growth Economics
ECO	4004	Dynamic Optimization Techniques
ECO	4005	International Economics

### Two Semester Optional Courses

ECO	3106	Economics of Agriculture-I
ECO	4206	Economics of Agriculture-II
ECO	3107	Econometrics-I
ECO	4207	Econometrics-II
ECO	4307	Econometrics-III
ECO	3108	Economics of Human Resources-I
ECO	4208	Economics of Human Resources-II
ECO	3109	Mathematical Economics-I
ECO	4209	Mathematical Economics-II
ECO	3110	Economics of Third World-I
ECO	4210	Economics of Third World-II
ECO	3111	History of Economic Thought-I
ECO	3112	Urban and Regional Economics-I
ECO	4212	Urban and Regional Economics-II
ECO	3113	Transport Economics-I
ECO	4213	Transport Economics-II
ECO	3114	History of Economic Development-I
ECO	4214	History of Economic Development-II
ECO	3115	Monetary Economics-I
ECO	4215	Monetary Economics-II

### M.Phil

1. Major Issues in Indian Economy :
2. Scientific Methods and Quantitative Techniques:
3. Advance Economic Theory:
4. Institutional Economics.

## Seminars/Conferences/Symposium/Extension Programmes Attended :

Dr. P.M. Passah :

- (1) Seminar on Environmental Pollution and Public Health organised by the North-East India Council for social Science Research on 5 June 1994 in Shillong and read a joint Paper on "Economic Development and Environmental Degradation".
- (2) Symposium on Living Composers and their Works organised by the Centre for Creative Arts, NEHU, on 7 June 1994 in Shillong.
- (3) Seminar on Social Movements in North-East India with Special Reference to Women, Youth and Religion organised by the North-East India Council for Social Science Research on 26-27 August 1994 in Shillong and read a joint Paper on "Students Movement : A Case Study of the Ihasi Students Union in Meghalaya".
- (4) Regional Workshop on Traditional Self-governing Institutions organised by the Institute of Social Change and Development, Guwahati on August 29-31, 1994 in Guwahati.
- (5) Seminar on Impact of Christianity on North-East India from Socio-Cultural and Historical Perspectives organized by Sacred Heart Theological College, Shillong, in collaboration with the Department of History, NEHU, on 27-29 September, 1994, in Shillong and read a Paper on "The Contribution of Christianity to Socio-Economic Development of North-East India".
- (6) Delivered a lecture on the "New Economic Policy of India" organised by the Political Science Discussion forum in the Department of Political Science on November 1994.
- (7) Workshop on Development Indicators organised by the National Institute of Rural Development (N.E.Regional Centre), Gauhati.

## Thrust Area of Research

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

Research Programme/Research Project :

A. Researches in the Economy of North-Eastern Region

During the year under report, the department has made investigations on the following topics :

- 1) Importance and Development of Infrastructure in North-Eastern Region.
- 2) Economics Planning and Development in Assam.
- 3) Agricultural Productivity and Cropping Pattern in Meghalaya.
- 4) Some Aspects of the Agricultural Economy of Assam.
- 5) Performance of the North-Eastern Frontier Railways in the last Five Years.
- 6) Tourism in Assam.
- 7) Pattern of Energy Consumption in Amguri Development Block of Assam.
- 8) Tea Industry in Barak Valley of Assam.
- 9) Changes in the Level of Economic Development in Meghalaya (1980-90).
- 10) Performance of Secondary Education in Meghalaya.
- 11) Forest Wealth of Meghalaya.
- 12) Livestock Development in Meghalaya.
- 13) Land Productivity in North-Eastern Region (1980-81 to 1990-91).
- 14) Changes in the Level of Economic Development in North-East India 1981-91.
- 15) Tourism in Shillong of Meghalaya.
- 16) Growth and Performance of Meghalaya State Transport Corporation.
- 17) Problems and Prospect of Agricultural Taxation in Assam.
- 18) Saving Pattern of Tea Garden Labourers of Dejoo Valley Tea Estate, Assam.

**B. Research Project :**

**Dr. P.M. Passah :**

1. Assisted in the Validation Survey of Not Covered (NC) Habitations Identified during 1991-1993 for Safe Rural Drinking Water Sources in the State of Meghalaya as one of the Coordinators and prepared a Report on one of the Districts viz., Jaintia Hills. The Survey was sponsored by the Rajiv Gandhi National Drinking Water Mission, Ministry of Rural Development, Government of India and undertaken by the North-Eastern Regional Centre of the ICSSR, Shillong.
2. Completed the Research Project entitled Vocational Education in Meghalaya : A Pilot Study of Socio-Economic Background of the Students and Employment Earning Patterns of the Technical and Industrial School Graduates in Shillong sponsored by the National Institute of Educational Planning and Administration, New Delhi. at the cost of Rs.9900/- vide their Sanction conveyed in their letter No.F.29-20/88-89/AA-Coord dated 6.1.93. One Project Assistant, Ms.Elivon Tariang, was appointed for 6 months on a fixed remuneration of Rs.900/- per month. The Project Report was submitted to N.I.E.P.A. on 28th February, 1995.

Dr.Eugene D.Thomas completed the following research project "Concurrent Evaluation of Jawahar Rozgar Yojana - 2nd Round".

Department of Economics, Mizoram Campus, Aizawl.

The Department has been running only M.A. Programme in Economics since 1989. The Faculty has actively involved itself with assisting the Mizoram State Government in analysing the problems and policy making. Earlier Professor K.K.Upadhaya helped the Government of Mizoram prepare a Memorandum to the Ninth Finance Commission. He served as a Member of Taxation Enquiry and Resource Committee which position was later held by Dr. A.K. Agarwal and Dr. Lianzela. Dr. Lianzela became the Member of State Planning Board also. Dr.Thanochunonunga interacted intensively with the Departments of Rural Development and Agriculture in various capacities. He has been on the advisory committee for directing the programmes of the Directorate of Economics and Statistics.

Head of Department : Professor K.K. Upadhaya.

Faculty :

	<u>Name</u>	<u>Design</u>	<u>Specialization</u>
1.	Dr. K.K. Upadhaya	Professor	Macroeconomic Theory and Policy, Public Economics.
2.	Dr. T. Lawma	Professor	Economics of Education.
3.	Dr. A.K. Agarwal	Reader	Rural Development Planning, Public Finance.
4.	Dr. Lianzela	Reader	Economic Development
5.	Dr. Thanochunonunga	Reader	Agricultural Economics.
6.	Mr. S.k. Ghosh	Lecturer	Quantitative Techniques.

Students intake:

(a) Enrolment capacity : M.A. 20

(b) Actual Admission under the heading : M.A./12  
(SC/ST/Ben) (Male/Female)  
11/1 11/1

M. Phil : Nil

Ph.D. : Nil  
Courses conducted : (Titles only) for M.A.

First Semester

ECO 101 Political Economy  
ECO 102 Macro-Economic Analysis-I  
ECO 103 Mathematics for Economists  
ECO 104 Statistical Analysis

Second Semester

ECO 202 Macro-Economic Analysis - II  
ECO 205 Micro-Economic Analysis - I  
ECO 206 Public Economics  
ECO 207 Economics of Development and Planning

Third Semester

ECO 305 Micro-Economic Analysis - II  
ECO 308 International Trade  
ECO 3106 Economics of Agriculture - I  
ECO 3115 Monetary Economics - I

Fourth Semester

ECO 409 Indian Economy  
ECO 410 Economics of North-Eastern Region  
ECO 4206 Economics of Agriculture -II  
ECO 4215 Monetary Economic - II

Seminars/Conferences/Symposia/Extension Programmes Attended :

Dr. Lianzela: presented a paper "Planning Experience in Mizoram" and Dr. Thanochunqunqa : on "Economic Institutions and Their Relevance to Development" in a Seminar on "Economic Development of Mizoram" Organised by Mizoram Economic Association on 1 Sept, 1994.

Dr. K.K. Upadhyaya: attended a Workshop in Applied Development Economics in Delhi School of Economics on 9-13 January, 1995.

Dr. A.K. Agarwal: presented a paper entitled "Liberalisation and Its Impact on Indian Economy" in a National Seminar on "Liberalization and Decentralization" organised by Lal Bahadur Shastri Academy of Administration, Mussorie on 20-22 March, 1995

**Publications :**

Upadhyaya, K.K. "Agriculture in Mizoram : Some Aspects of a Land-Scarce Semi-Primitive Economy," in Indian Economic Review, 29: 1, (1994).

Aqarwal, A.K. "Population and Manpower Development in the North-Eastern Tribal States " in Political Economy Journal of India, 3 : 1 & 2, (1994).

Aqarwal, A.K. "Demographic Features and Migration in North-East India" in: Samanta, R.K.(ed), India's North-East the Process of Change and Development, B.R. Publishing Corporation, Delhi, (1994).

Aqarwal, A.K. "Road Transportation in the Capital Town of Mizoram" in : P.Jeqadish Gandhian and G. John Gunasselam (eds), Indian Transport System, Mittal Publications, New Delhi(1994).

Aqarwal, A.K. "Urbanisation and Growth Centres in Arunachal Pradesh" in : Ganquly, J.B.(ed), Urbanisation and Development in North-East India: Trends and Policy Implications, Deep & Deep Publications, New Delhi,(1995).

Aqarwal, A.K. "Environmental Concerns and Development of North-East India" in : Srinivasa Gowda, M.V. and Subrahmanya, Susheela (eds), Regional Economic Development in India, Deep & Deep Publications, New Delhi,(1995).

Lianzela, "Agriculture Today in Mizoram" in the North-Eastern Hill University Journal of Social Sciences and Humanities, 12 : 1 (1994).

"Development of Mizoram Economy" in : S. Subramanya and V.Srinivas Gowdas (ed), Regional Economic Development in India, Deep & Deep Publications, New Delhi (1995).

Economic Development of Mizoram. Spectrum Publication Guwahati, (1994).

"Strengthening of Infrastructure in Mizoram", in The Aizawl Theological College Annual Magazine, 16:1 (1994)

**Thrust Area of Research : Development Economics**

**Research Programme/Research Project :**

- (1) A Project on "Economic Liberation in India" was started in 1994 as a Department Project directed by Professor K.K. Upadhyaya and assisted by Sri. S. Ray, Senior Research Assistant.
- (2) Dr. Lianzela assisted and prepared the Report as one of the Coordinators in the "Validation Survey of Not Covered (NC) Habitations identified During 1991-93 for safe Drinking Water Resources in Mizoram" sponsored by the Rajiv Gandhi National Drinking water Mission, Ministry of Rural Development, Government of India and undertaken by the North-Eastern Regional Centre of the I.C.S.S.R. Shillong

## LIBRARY AND INFORMATION SCIENCE

Since the establishment of the Department in 1986, a four-semester integrated course leading to the degree of Master of Library and Information Science has been serviced. Provision also exists for students who are not in a position to complete the four semesters, in one stretch. Such students can opt for a two semester course leading to the degree of Bachelor of library and Information Science. The Ph.D programme continued since 1989.

Within a span of eight years, the Department has produced 176 professional graduates and organised four seminars, two workshops and one refresher course.

Head of the Department : PROF. J.C BINWAL

### FACULTY POSITION :

<u>Name</u>	<u>Designation</u>	<u>Specialisation</u>
Dr. J.C. Binwal	Professor	Universe of Knowledge and Information Technology.
Vacant	Reader	
Mrs. Veena Saraf	Lecturer	Information Storage and Retrieval
Mr. Moses M. Naga	- do -	Library Management and Information Sources.

In addition, Dr. B.S. Butola from the Department of Geography, NEHU, helped in teaching "Statistics" to the 3rd Semester students.

Computer Centre, NEHU helped in teaching "Computer applications in Library and Information Services" to the students of the 4th Semester.

Senior members of the Library staff helped in teaching "Library Classification (Practice)" and "Library Cataloguing (Practice)" and also in imparting 'on-job training' to the students of 1st and 11nd Semesters. Two-hour practical training in the Library per working day was compulsory for 1st and 11nd Semester students.

A series of seven special lectures on the "Structure and Development of Science and Technology" were delivered by Prof. T.S.B. Narasa-raju, Department of Chemistry, IIEHU in the month of April 1994.

**Students Intake :**

- (a) Enrolment Capacity : M.Lib. I-semester - 21  
M.Phil - Nil  
(b) Actual admission under the heading :

	SC	ST	General	Male	Female	Total
M.Lib. I. Semester	-	13	8	9	12	21
Ph.D.	-	2	2	2	2	4

**Courses Conducted:(Titles only)**

**FIRST SEMESTER**

- (1) Library and Society
- (2) Organisation of Knowledge (Theory)
- (3) Organisation of Knowledge (Practice)
- (4) Information Services and Sources
- (5) Job Diary and Viva Voce

**SECOND SEMESTER**

- (6) Library Management
- (7) Organisation of Knowledge (Theory)
- (8) Organisation of Knowledge (Practice)
- (9) Introduction to Information Technology
- (10) Tour Diary, Job Diary and Viva Voce

**THIRD SEMESTER**

- (11) Universe of Knowledge : Structure and Development
- (12) Library System Analysis and Elements of Statistical Methods
- (13) Information Users and their needs.
- (14) Information Retrieval Techniques

#### FOURTH SEMESTER

- (15) Information Literature Sources in any one of the following :
- (a) Humanities
  - (b) Social Sciences
  - (c) Natural Sciences
- (16) Computer applications in Library and Information Services.
- (17) Any one of the following :
- (a) Information Systems and Services.
  - (b) Management of Information Systems.
- (18) Project Report/Dissertations on some current problems in Library and Information Science.

Seminars / Conferences / Symposium / Extension Programmes Organised and attend during the year : Nil

Visiting Professors/Fellow :

- (a) Dr. Bhooshan Lal, University Librarian, Indian Institute of Technology, Kanpur from 1st to 30th September 1994.
- (b) Prof. Krishna Kumar, Department of Library and Information Science, Delhi University, from 24th April to 23rd June 1994.

Publications :

Binwal J.C. "Information System and Communication : Resource sharing in North East India", in Buroqohain, Alka and Baisya, Naah (ed) Librarianship and information Technology, Osmons Publications, New Delhi (1994).

Study Tour/Field trips of students :

Study tour was arranged from 7th February to 22nd February 1995. The students visited and observed the functioning of the following Libraries:-

1. I.I.T. Library, Kanpur
2. Rajasthan University Library, Jaipur
3. Central Reference Library, Delhi University
4. J.N.U. Library, New Delhi
5. Central Secretariat Library, New Delhi

6. American Information Centre, New Delhi
7. Indian National Scientific Documentation Centre, New Delhi

**Thrust Areas of Research :**

1. Universe of Knowledge : Structure and Development
2. Computer Applications and Information Technology
3. Information Storage, Organisation and Retrieval
4. Information Management.

**Any other remarks :**

**Prof. J.C. Binwal**

- (a) Continued as one of the members of the Research Committee of Raja Ram Mohun Roy Library Foundation Department of Culture, Government of India.
- (b) Was nominated by the United States Educational Foundation in India as one of the members of the Eastern Regional Selection Committee for internship in Library Science. 1995-96.
- (c) Was nominated as Chairman of ILA Committee on Education and Training in Library and Information Science for 1994-96.

## CENTRE FOR ADULT AND CONTINUING EDUCATION

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The Centre for Adult and Continuing Education, NEHU established in 1974 has for the past twenty years engaged itself 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 bringing about a meaningful and closer link between the University and the people of this region. The primary objective of the Centre 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. These include issues relating to Adult Literacy, Health and Hygiene, Nutrition, Income Generation, Status of Women and Women Studies, Skill Improvement activities, Population Education, Consumer's Protection and so on so forth. Besides, the Centre is also extending its academic support in the development of teaching and learning materials pertaining to societal needs. It also organises programmes in collaboration with other sister departments of the University and also with State Government departments and other organisations and agencies both at the State and National level.

During 1994-95 Population Education Activities were organised in Arunachal Pradesh, Assam, Meghalaya, Mizoram and Tripura and Adult Literacy programme and allied activities were organised in Meghalaya, Mizoram and Nagaland.

HEAD OF THE CENTRE : Dr. M.C. Pandey.

### FACULTY :

<u>NAME</u>	<u>DESIGNATION</u>	<u>SPECIALISATION</u>
a) Dr.M.C.Pandey	Professor	Extension Education, Demography and Population Education.
b) Dr.(Mrs)B.Lyndem Laso	Reader	Adult Literacy.
c) Dr. K.M.Wanjri	Lecturer	Women Studies, Child Psychology and Development.
d) Dr.(Mrs) H.K.Synem	Lecturer	Skill Improvement, Adult Literacy.
e) Dr.(Ms) E.Jyrwa	Project Officer (Lecturer)	Adult Literacy.
f) Mrs. I. Lall	Project Officer (Lecturer)	Adult Literacy.

NAME	DESIGNATION	SPECIALISATION
g) Mrs. B.S. Lanqstieh	Senior Technical Assistant.	Adult Literacy.
h) Mrs. W.S. Mvlliemnoap	Senior Technical Assistant.	Adult Literacy.
i) Mr. J. Mawthoh	Senior Technical Assistant.	Adult Literacy.

**COURSES CONDUCTED :**

(a) Certificate Course on Population Education :

(2) 7th September, 1994, Tura, Garo Hills

(b) Certificate Course on Consumer Protection :

(2) 22nd - 28th November, 1995. Shillong.

**OTHER ACTIVITIES :**

**A. TOTAL LITERACY PROGRAMME :**

The total literacy programme was taken up in the three States of Meghalaya, Mizoram and Nagaland keeping in view the aims and objectives of the National Literacy Mission for the eradication of illiteracy.

**B. POPULATION EDUCATION :**

The Centre undertook extension lectures, Orientation programmes for College Principals, prepared learning materials including a booklet on AIDS, documentation and publication, and organised co-curricular activities with an effort on promoting population education. The activities of the Population Education Club continued under various programmes.

**SEMINAR/SYMPOSIA/WORKSHOP (ATTENDED) :**

The faculty gave 33 extension Lectures on various subjects, attended seven workshops and seminars, and organised four Workshop/ Orientation programmes/Seminars during the year under report.

**PUBLICATIONS :**

1. PANDEY, M.C. 1993 - Role of Agriculture in the Economic Development of the North-Eastern Region in Proceedings of NEIHA 14th Session, 214-221.
2. PANDEY, M.C. & B.S. LANGSTIEH. 1994 - Growth of Literacy in the Districts of North-Eastern States J.NEICSSR 18 (2) 25-43.
3. PANDEY, M.C. & B.S. LANGSTIEH. 1994 - Age at Marriage in some communities in Shillong. NEHU J. Soc.Sci.& Hum.XII (1) 6-11.
4. LYNDEM, B.L. & MAWTHOH, J (1994) - "Improved Pace Content of Learning (IPCL) in Khasi - three levels I,II & III for Adult Illiterates. NEHU.
5. LYNDEM, B.L., MAWTHOH, J & LALTANPUIA, B (1994) - Literacy Status and Linguistic Profile of North-Eastern Region. NEHU J.Soc.Sci.& Hum:.XII (i) 22-27.
6. LYNDEM, B.L. & MAWTHOH, J(1994) - "Development of Improved Pace Content Learning Material (IPCL) for the Adult Illiterates in Nagaland - A Study". NEHU J.Soc.Sci.& Hum.XII (2) 33-36.
7. JYRMA, E (1995) - 'Traditional Village Council of the Khasis' in the 'Proceedings of the North-East India Political Science Association, Third Annual Conference' 34-39.
8. JYRMA, E (1994) - 'Population Growth and Economic Development' in the NEHU Journal of Social Sciences and Humanities XII (2) 11-17.