

## SCHOOL OF ENVIRONMENTAL SCIENCES

### Department of Geography.

The Department of Geography of the School of Environmental Sciences was started in June 1976 and became operational from the academic session of 1976-77. From its very inception the teaching and research programmes have been organised with a view to fulfilling the aims and objectives of the department.

The main objectives of the department were to create and develop understanding of the various environmental processes, both physical and cultural, so that the training and knowledge which is being imparted in the M.A./M.Sc. courses will disseminate geographical knowledge in the region where the subject has hardly any effective footing.

It is also the aim of the department to carry out useful research in the region with broader objectives of fulfilling the geographical dimension of the problems of development in the region.

#### Analysis of Students' intake :

Class	Male	Female	Total	SC/ST
M.A./M.Sc. Semester I	23	2	25	18
Pre. Ph. D.	4	0	4	2
Ph. D.	1	0	1	0

#### Publications :

Mr. A. C. Mohapatra : "Economic Development in the State of Madhya Pradesh - India," Third world Planning Review, Vol. 11. Liverpool U. K.

S. S. A. Jafri. "Aerial Photo Interpretation Techniques in Agricultural Geography in Recent Trends and Concepts in Geography" R. B. Mandal (ed) Concept, New Delhi.

Dr. Majid Hussain : "Agricultural Geography " Inter India. New Delhi.

Dr. R. K. Rai : "Geomorphology of the Sonar - Bearing Basins, Concept, New Delhi.

**Conference and Seminar :**

Dr. R. K. Rai attended the 68th Science Congress at Varanasi from 3rd to 7th January, 1981 and read a paper entitled "Fluvial morphometric analysis of the Umkhri Basin Meghalaya." In the Conference of National Association of Geographers, India, held at Tirupati from 9th to 12th January, 1981, he read a paper "Geomorphology and settlements in Meghalaya." He also attended the field conference from 19th to 26th April, 1981 on Geology and Landforms of North-East Region.

Dr. Majid Hussain attended an International Conference in Netherlands from 10th to 15th April, 1981. He also attended the Indo-Soviet Geographical Symposium held at J. N. U. from December 9 to 12, 1980.

**Department of Educational Research and Studies  
Shillong, Kohima and Aizawl.**

The Department of Educational Research and Studies of the School of Education of North - Eastern Hill University started functioning in Shillong since 1976. The first programme organised was the Master of Education with an intake of 19 students. The M.A. programme was opened in Kohima in 1978 and M. Ed. programme at Aizawl in 1979-80. The M. Phil programme was started in Shillong in 1979. Students are admitted to the Ph. D. programme also. In all these programmes, special attention is given to the needs, problems and priorities of the region. The M. Ed. programme is aimed at developing advanced level of competence in various fields of educational work so that it will help the qualitative improvement of the system. The M.A. programme aims to prepare personnel with good grounding in the discipline of Education who can assume responsible positions in the state departments of Education, educational institutions and in research institutions.

**The achievements of the department :** Out of the total number of students who qualified for the degree of M.Ed 45.46 percent belonged to the Scheduled Tribes. Many of them have become faculty members in Teachers Training Institutions, Degree Colleges, SCERT and also in the Department itself. The results in respect of 13 (thirteen) candidates out of 15 (fifteen) in the M.A. Education programme have been finalised and announced. The Semester Examination results of M. Ed. students at Aizawl have also been finalised.

**Analysis of Students' intake :**

Year	Centre	Pro-gramme	Total students admitted	Male	Female	ST	SC
1980-81	Shillong	M.Phil	2	—	1	1	—
1980-81	Shillong	M.Ed.	18	6	12	11	—
1980-81	Aizawl	M.Ed.	17	12	5	14	—
1980-81	Kohima	M.A.	21	9	12	17	—

**Publications :**

Dr. C. L. Anand :

1. Anand, C.L. : "Sensory and Motor Development (in) Readings in Social Science," Ministry of Education, Govt. of India, New Delhi, 1981.
2. Anand, C. L. : "Education and Modernization," Thinkers Forum, Nagaland.
3. Anand, C.L.: "Role of Objectives in Evaluation : Help or Hinderance (in) Readings in Evaluation," NCERT, New-Delhi.
4. Anand, C.L. : "Evaluation Outcomes of Learning in Social Studies (in) Readings in Evaluation," NCERT, New Delhi.
5. Mathew George and Anand, C.L. : "Effect of Micro Teaching on Teaching Self Concept and Teaching Competence of Student Teachers, DERS, NEHU, Shillong.
6. Anand, C.L. and Padma, M. S. "Improving Teacher Education Curriculum" (Chapter in Teacher Education and Educational Technology. Osmania University, Hyderabad, (In Press).
7. Anand, C. L. : "Aspects of Teacher Education in India and Abroad" (a book in Press).

Dr. K. K. Sharma.

1. Evaluation of Learning Outcome - Annual Magazine, Nagaland College of Education, 1980.
2. Curriculum pattern development - our curriculum concerns curriculum group NCERT February, 1981.
3. Curriculum for rural development - our curriculum concerns curriculum group NCERT February, 1981.

Dr. M. S. Padma.

1. Modelling in Teacher Training Indian Educational Review, Vol. XV, No. 4, Oct, 1980.
2. Science Teaching Observation : Need for tools, the Progress of Education, Vol. LV, No. 5, December, 1980.

Dr. Mathew George.

1. Project report "Effect of Microteaching on Teaching Self-concept and Teaching Competence of Student Teachers" DERS, NEHU, Shillong, December, 1980.
2. Creative Teacher Personality and Classroom Teaching Behaviour of Secondary School Teachers" Journal of Educational Research and Extension, Vol. 17, No. 3, January, 1981.
3. "Effect of Creative Teaching on Creative Thinking of Adolescents" Indian Psychological Review, Vol. 20. No. 3, 1981.
4. "Institutional Plan of the Integrated Teacher Education Programme proposed for B. Ed. Course" Quest in Education, Vol. 18, No. 1, January, 1981.

Dr. J. C. Soni.

Presented a paper on "Effective Utilisation of Educational Technology in Schools". Extension Teaching Course of Directorate of Education, Nagaland, April-May, 1981.

Dr. Sudhir Kumar.

1. Relevance of University Education and Research/View of the University. Thinker Vol VII No. 3, August, 1979.
2. Sudhir Kumar and Lalrinkini : "Modernity and Education The concept of Modernisation of Education : The Course and Context of modernisation" (accepted for publication).