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Annexure-I

No. F. 25-1/81-7.5
Government of India
Ministry of Education

Vijay Prasad

New Delhi, the 12th September 1981

To

The Secretary,
North Eastern Council,
Shillong - 787 001.

Secretary, North Eastern Council, Shillong

Subject: - Establishment of North Eastern Regional Institute of Science & Technology, Itanagar - Approval for -

Sir,

I am directed to state that the proposal of the North Eastern Council, Ministry of Home Affairs, on the above mentioned subject has been considered and approval of the Government of India is conveyed for the establishment of North Eastern Regional Institute of Science and Technology at Itanagar, Arunachal Pradesh, with the necessary facilities and the stipulations as given in the subsequent paragraphs.

2. The educational programmes of the Institute have been designed on a modular pattern, consisting of two years courses at three different levels viz. certificate courses, diploma courses and degree courses. The Institute will offer the following courses in a phased manner over a period of 10 years:

- (i) 10 Certificate Courses
- (ii) 10 Diploma Courses
- (iii) 4 Degree Courses in Applied Sciences
- (iv) 11 Degree Courses in Engineering and Technology

There will also be provision for lateral entry into the Diploma course after 10+2 or equivalent and Degree course after B.Sc. or Polytechnic Diploma or equivalent with the provision of bridge courses of specific durations. The institution of Degree Courses would be subject to appraisal and concurrence of Planning Commission and would be taken up only after the first batch of the diploma courses has passed out. The Certificate Courses would be started by the Institution in the current year.

3. The job opportunities shall be taken into account in designing the courses so that those who qualify at the various levels do not have to remain without employment once they come out of the Institution. Devolving of skills required, whether for self-employment or jobs, with education, training and skills imparted, shall be duly ensured by the Institute.

4. The overall Non-Recurring outlay for the establishment of the Institute will be as under:-

	Ru. in Lakhs (Approx.)
(i) Accommodation	2004.41
(ii) Equipment	890.00
(iii) Library	35.00
(iv) Furniture	84.00
(v) Vehicle	20.50

or say Rs. 30.35 Crores

3033.91

The details of buildings, equipment, library, furniture and vehicles are given in Annexure-I. The cost given as above was estimated at the time of the formulation of the project. The cost shall, therefore, be subject to the escalation of the prices as well as to higher cost because of hilly region and consequently upward revision as per the recommendations of the Management Committee of the Institute and the approval of the Administrative Ministry.

5. The total recurring expenditure of the Institute would be Rs. 2.00 crores per annum ultimately. The recurring expenditure includes the expenditure on teaching staff, supporting technical staff, administrative staff and other recurring items of expenditure including consumables, maintenance, travelling and other allowances etc. The actual grants would be sanctioned subject to these collages and on fulfilment of the necessary norms and standards applicable on the various items of expenditure.

6. The Institute will be established as a Central Sector Scheme of the Ministry of Education with the funding being done through the North Eastern Council for which appropriate linkages would be established between the Ministry of Education, Ministry of Home Affairs and North Eastern Council. The recurring expenditure at the end of each Plan period would be taken over by the Ministry of Education and included in its normal Non-Plan Budget of the Central Scheme. The recurring expenditure for each Plan period, however, would be borne by the North Eastern Council. The manner in which the transfer of funds from North Eastern Council to Ministry of Education would be best done shall be decided at the first inter-departmental meeting between the Ministry of Education, Ministry of Home Affairs and North Eastern Council which shall be convened immediately.

7. There will be an intake of 30 students for each course at all levels i.e. Certificate, Diploma and Degree. However, in the case of Degree courses the intake could be increased, wherever necessary, depending upon the

Increased requirement so as to avoid the duplication of these costly facilities somewhere else. The increase in intake in the degree courses may also help in maintaining the effective teacher student ratio of 1:9. The initial intake in the Institute would be 124 students and when the Institute fully develops the total enrolment is expected to be 2250 or more.

8. The Courses at the two lower levels, i.e., Certificate and Diploma will be terminal and at the same time there will be continuity at both those levels. Certain percentage of students will be siphoned out either voluntarily or compulsorily. At the same time, others who are keen and have the necessary capability can go up the ladder, through appropriate bridge courses, to the degree level.

9. Faculty of the proposed Institute would be as follows:

(I)	Director	1
(II)	Deans/Professors	62
(III)	Asst. Professors/ Heads of Departments	123
(IV)	Lecturers/Others	310
		496

The full complement of posts proposed to be created may be seen at Annexure-II. The student-teacher ratio has been kept on the lower side because of the fact that the Institute would be conducting, besides the regular courses, appropriate bridge courses to enable some students to join the next level of higher courses. In addition, the Institute would have to cater to the diverse requirements of the Region for which a large number of electives would be offered in the courses at all levels, i.e., Certificate, Diploma and Degree. Adding all these additional loads, the ratio would come up to the acceptable norm generally obtaining in other technical institutions of the same level in the country. However, at the time of sanctioning the necessary staff the Management Committee of the Institution, Ministry of Education and all other concerned will ensure that the effective teacher student ratio for the various courses would be as follows:

(I)	Certificate Courses	1:12
(II)	Diploma Courses	1:10
(III)	Degree Courses	1:9

The full complement of staff will be recruited subject to the fulfillment of the above teacher student ratio. As such the recruitment of the faculty at any point

time will be as per the student strength. Total complement of faculty, mentioned above, would act as a ceiling. The inter-ratio of teachers shall be as recommended by the Madan Committee on staff structure in technical institutions. So far as Degree courses are concerned, the ratio of Prof.:Asstt. Prof.:Lecturer will be 1:2:4. In respect of Diploma and Certificate Courses, the ratio of senior teacher:junior teacher will be 1:3. The grouping of teachers among senior and junior shall be as per general norms and recommendations of the Management Committee.

10. The non-teaching, administrative and supporting staff shall be as given in the project report of the Institution. The expenditure on the non-teaching and other supporting and administrative staff shall, however, not exceed 40% of the expenditure on the teaching staff.

11. The Institute will be autonomous in character and registered as a Society under the Societies' Registration Act. The Administrative and Academic matters of the Institute will be managed by a Board of Governors (Management Committee). The Management Committee shall consist of representatives of the 7 States/Union Territories of the Region and concerned Departments of the Government of India, besides eminent scientists/technologists. There will also be a close association between the Institute and the other Universities/Institutions in the North East Region to co-relate the courses with the well-defined and well established needs and to avoid duplication and overlapping. In due course, the Institute will be conferred University status through an Act of Parliament so that it can award its own degrees and other qualifications. Pending the attainment of statutory status, the qualifications awarded by the Institute shall be recognized by the Ministry of Education through notifications at the appropriate time.

12. Recommendations of the Management Committee of the Institute, wherever necessary, will be discussed in the inter-Departmental meetings among the Ministry of Education, North Eastern Council and Ministry of Home Affairs, before releasing grants or taking any other major decision.

13. All other requirements, facilities and related matters of the Institute, not specified herein, shall be governed by the position given in the project report subject to the modifications, wherever considered necessary, by the Management Committee and as approved by the Madan Ministry.

14. This issues with the approval of Integrated Finance Division of the Ministry.

Kindly acknowledge receipt.

Yours faithfully,

(S. E. RAHGA)
DEPUTY EDUCATIONAL ADVISER (T)

Copy to:

1. Lt. Governor, Arunachal Pradesh, Itanagar.
2. Ministry of Home Affairs,
(Shri R. Vaidyan, Joint Secretary
Shri Heera Handa, Deputy Secretary)
North Block,
New Delhi.
3. Planning Commission,
(Shri J. Veeraraghavan, Advisor (Education)
Dr. Bhupinder Singh, Advisor (SP))
Tajana Bhavan,
New Delhi.
4. Department of Science & Technology,
New Hebrauli Road,
Technology Bhavan,
New Delhi.
5. The Director
(Dr. P.R. Jengupta)
North Eastern Regional Institute of Science & Technology,
Itanagar (Arunachal Pradesh).
6. All Regional Offices of the Ministry at Calcutta,
Bombay, Kanpur & Madras.
7. Integrated Finance Division with reference to their
U.O.No.9754-0/05-1FD dated 10th September, 1985.

(S. R. HANDA)
DEPUTY EDUCATIONAL ADVISER (T)