

**THIRD TECHNICIAN EDUCATION PROJECT OF GOVERNMENT OF INDIA ASSISTED  
BY THE WORLD BANK**

**Introduction**

The Tech. Ed. III Project started on 20<sup>th</sup> June 2001 and will continue until 30<sup>th</sup> June 2005. After initial discussions with NPD, NPIU and Tech. Ed. III States, MHRD GOI entrusted the responsibility to NITTTR Bhopal for providing academic guidance to the states of Nagaland and Arunachal Pradesh.

**A. Academic Consultancy to the State of Arunachal Pradesh:**

A contract was signed between the state of Arunachal Pradesh and NITTTR Bhopal during June 2001 for providing academic consultancy under the four different project components given below:

1. Designing of New Curricula and Revision/restructuring of exiting curricula, Introduction of MPECS and establishing learning resource utilization centres. The Institute developed curricula for new Diploma Programmes in:
  - a. Information Technology
  - b. Travel, Tourism and Hotel Management
  - c. Costume Design and Garment Technology
  - d. Herbal Remedies and Cosmetology
  - e. Electrical and Electronics Engineering
  - f. Automobile Engineering.
2. Industry Institute and Community Interaction (IICI) and promoting Continuing Education (CE) and Non formal training (NFT) programmes in project polytechnics. This involved
  - a. Preparation of a comprehensive report on the scheme of IICI
  - b. Polytechnic wise report on promotion of IICI
  - c. Preparing Directory of Industries/Organization
  - d. Preparation of Guideline document of effective implementation of continuing education and non formal training and policy document for IRG.

3. Grant of Autonomy to Project Polytechnics

The officials of the Secretariat, Directorate, SPIU and the polytechnic will be covered while developing the understanding and insight in to the concepts of autonomy (Academic, administrative, financial and managerial) and accountability. The rules and norms for effective implementation of autonomy and accountability will be formulated with the help of the officials mentioned above. For developing the management capacity and confidence levels of different officials, the instruments for training, gradual decentralization and delegation of powers shall be used.

4. Staff development for faculty and staff of polytechnic

The requirements of staff developments will be arrived at through mutual consultation between the component coordinators of NITTTR Bhopal and their counter parts in the SPIU Itanagar.

The following documents were prepared by the concerned faculty of NITTTR Bhopal and delivered to NPIU/SPIU within the target dates.

**Table : Details of documents produced**

<b>S.No</b>	<b>Name of documents</b>
1	List of equipment for Diploma programme in Automobile Engineering
2	List of learning resources available with different organizations for Arunachal Pradesh.
3.	Guideline for setting up and operationalization of Learning Resources Utilization Center in Arunachal Pradesh Polytechnic, Itanagar.
4.	Calendar of Staff Development Programmes
5.	List of equipment for Diploma Programme in Electrical and Electronics engineering
6	Guidelines for incorporation of Multipoint Entry and Credit System
7	Concept paper on the scheme of MPECS for incorporation in Arunachal Pradesh Polytechnic, Itanagar.
8	List of equipment and Budget for LRUC resource (physical)
9	Programme structure for diploma programme in Travel, Tourism and Hotel Management.
10	Equipment list for Herbal remedies and cosmetology
11	List of reference books for diploma programme in electrical and electronics engineering
12	Mandate, vision and mission of AP Polytechnic (Draft)
13	Annual plan for the financial year 202-03, Arunachal Pradesh
14	Staff Development Programmes for AP Polytechnic 2002-03
15	Calendar of SDP for the state of AP under Tech. Ed. III Project
16	Preliminary Document on Analysis of Organizational Functions Recommendations for Grant of Autonomy through society and BOG
17	A report of current status of autonomy of Itanagar Polytechnic
18	A document on guidance and counseling in MPECS for Tech. Education Programme
19	Conceptual framework for autonomy
20	Curriculum of Diploma programme in Information Technology
21	Curriculum of Diploma programme in Automobile engineering
22	Curriculum of Diploma programme in Electrical and electronics engineering
23	Curriculum of Diploma programme in Herbal remedies and cosmetology
24	Curriculum of Diploma programme in Travel Tourism and Hotel Management

**B. Academic Consultancy to the state of Nagaland**

A contract was signed between the state of Nagaland and NITTTR, Bhopal during June 2001 for providing academic consultancy under four different components given below:

1. Designing of new curricula and revision/restructuring of existing curricula. Introduction of MPECS and establishing learning resource utilization centers in the three polytechnics has been envisaged under this sub component. The project involved curriculum development including introduction of MPECS for
  - i. Fashion technology
  - ii. Automobile engineering
  - iii. Civil engineering

- iv. Electronics and Electrical engineering
  - v. Mechanical engineering
  - vi. Modern office practice
  - vii. Computer applications
  - viii. Electronics and telecommunications engineering.
  - ix. Information technology
2. Industry Institute Community Interaction (IICI) and Promoting Continuing Education (CE) and Non Formal Training (NFT) programmes in projects polytechnics. This included
- Setting up IICI Cell
  - Designing courses, brochures, publicity and marketing of one polytechnic as an example.
  - Planning and organizing different activities.
3. Grant of Autonomy to project polytechnics  
The officials of the Secretariat, Directorate, SPIU and the polytechnics will be covered while developing the understanding and insight into the concepts of autonomy (academic, administrative, financial, and managerial autonomy) and accountability. The rules and norms for effective implementation of autonomy and accountability will be formulated with the help of the officials mentioned above. For developing the management capacity and confidence levels of different officials, the instruments for training, gradual decentralization and delegation of powers shall be used
4. Staff Development for faculty and staff of polytechnics  
The requirements of staff development will be arrived at through mutual consultation between the component coordinators of NITTTR Bhopal and their counterparts in the SPIU Kohima.

The following documents were prepared by the concerned faculty of NITTTR Bhopal and delivered to NPIU/SPIU within the target dates.

**Table: Details of Documents of North eastern projects**

S.No.	Name of Documents
1	List of reference books for diploma programmes in <ul style="list-style-type: none"> <li>• Electronics and communication engineering</li> <li>• Computer applications</li> <li>• Information technology</li> <li>• Electrical engineering</li> <li>• Computer engineering</li> </ul>
2.	List of hardware, software and faculty positions in <ul style="list-style-type: none"> <li>• Computer applications</li> <li>• Computer engineering</li> <li>• Information Technology</li> </ul>
3.	List of equipment in <ul style="list-style-type: none"> <li>• Modern office practice</li> <li>• Fashion Technology</li> <li>• Electrical engineering</li> <li>• Electronics and electrical engineering</li> </ul>
4.	List of equipment and reference books for Diploma Programme in Mechanical Engineering

5.	List of equipment for Diploma Programme in Electronics and communication engineering
6.	Revised suggestive list of equipment for Civil Engineering diploma programme.
7.	Revised suggestive list of equipment – Mechanical Engineering Diploma Programme
8.	Specifications of the equipment and budget for LRUC Resource (physical)
9.	List of learning resources available with different organizations for AP and Nagaland
10.	Calendar of staff development/programmes for 2001-2002.
11	An outline of detailed project report - Learning Resources Utilization Center in Institute of Communication and Information Technology, Mokokchung, Nagaland
12	An outline of detailed project report – Learning Resources Utilization Center in Women’s Polytechnic, Kohima
13	An outline of detailed project report – Learning Resources Utilization Center in Khelhosh Polytechnic, Atoizu
14	Guidelines for setting up and operationalisation of Learning Resources Utilization Center in Women Polytechnic, Kohima.
15	Guidelines for establishment and operationalisation of LRUC in the Institute of Communication and Information Technology, Mokokchug Nagaland
16	Guidelines for establishment and operationalization of LRUC in Khelhoshe Polytechnic, Atoizu Nagaland
17	Guidelines for incorporation of Multi Point Entry and Credit System in polytechnics
18	Guidelines for tracer study on employment status of polytechnic pass outs
19	Report on training needs assessment
20	Report of study visit of SPIU officials/principal / HODs from NE status / UT
21	Concept paper on the scheme of MPECS for incorporation in polytechnics of Nagaland
22	Instrument for status study of polytechnics and preparation of faculty competency profile
23	Autonomy – resource material
24	Financial proposal for industrial training of technical teachers
25	Annual plan for the financial year 2002-03 academic part
26	Conceptual framework for autonomy
27	Calendar of staff development programems for polytechnics 2002-03
28	A document on guidance and counseling in MPECS for technician education programmes