



M O U between NITT & BHEL

The Memorandum of Understanding between BHEL and NITT been invoked for the period of Five year and the MOU envisages the following:

- ❖ Facilities for industrial visits, In-plant training / Students projects
- ❖ Faculty exchange programmes
- ❖ Jointly conducting short-term courses, seminars, and symposia.
- ❖ Utilising the infrastructure facilities for mutual benefits.
- ❖ Developing computer based and web based training.
- ❖ Joint publications including books, monographs and reviews.
- ❖ Consultancy
- ❖ Sponsored PhD and MS projects.



List of Faculty Trained in Abroad under TEQIP

Faculty and Dept	Place of Visit and Training	Period
Prof.V.Ramprasad Prof. Architecture	Montreal, Canada	27-6-2005 to 16-7-2005
Dr.T.K.Radhakrishnan Asst. Prof., Chemical	National Taiwan University, Taiwan	24-04-2006 to 23-05-2006
Prof.T.Srinivasa Rao Prof. Metallurgy	Nanyang Tech. University Singapore	01-06-2006 to 30-6-2006
Dr.N .K.M.Meera S Begum Lecturer, Chemical	National University Singapore	27-04-2006 to 26-05-2006
Dr.N .Anantharaman Prof. Chemical	Nanyang Technological University Singapore	27-04-2006 to 26-05-2006
Dr.Sarat Chandra Babu Asst.Prof. Chemical	University of Louisville, Kentucky, USA	11-06-2006 to 12-07-2006
Mr.P.Bala Srinivasan, Lecturer, Metallurgy	Forschungszentrum Geesthacht GmbH, Germany	05.06.2006 to 05-07-2006
Dr.C.Meenakshi Sundaram, Asst Prof in English	Phuked, Thailand	03-07-2006 to 28-07-2006

EIGHT CRITERIA FOR ACADEMIC ACCREDITATION

**by
NATIONAL BOARD OF ACCREDITATION**

The major objective of NBA is to encourage the institutions to continually strive towards the attainment of excellence. The NBA evaluation processes are so designed as to facilitate identification of the strengths and weaknesses of the programmes under accreditation. The NBA hopes that this will help the institutions in improving the quality and effectiveness of their programmes. The evaluation process is based on a set of eight broad-based criteria developed through a lengthy participatory process involving more than 1000 participants concerned with Technical Education all over India. These criteria are being described here in some detail.

Criterion I : ORGANIZATION AND GOVERNANCE

This criterion applies to Institutional Management, Organization and Governance. Every institution should have a mission and a set of goals. Every programme offered by the institution should also have its objectives and goals. The mission and goals should be articulated and made known to every one in the institution. The successful pursuit and realization of the mission and goals and the means adopted to accomplish them brings out the quality of the institution and its programmes.

Criterion II: FINANCIAL RESOURCES, ALLOCATION AND UTILIZATION

There is a need for the institution to be financially stable. The financial resources should be adequate to sustain not only the achievement of current educational objectives, but also provide for improvements in the foreseeable future. There should be a mechanism to ensure proper financial management and a well-organized process.

Criterion III: PHYSICAL RESOURCES (CENTRAL FACILITIES)

There must be available adequate space and appropriate physical resources, including buildings, laboratories, equipment, material, library and other ancillary facilities. While examining the physical resources, there is a need to ensure provisions for safety, security and hygiene. Besides, the availability of language laboratory, counselling and guidance cell, medical facilities, canteen, transport and other units. will go a long way in gaining the confidence and respect of students and faculty/staff alike, leading to considerable improvements in the quality of the programmes.

Criterion IV: HUMAN RESOURCES : FACULTY AND STAFF

The faculty strength, cadres, qualification and level of competence and performance should be adequate to accomplish the institutional mission and goals. The commitment, attitudes and communication skills of the faculty play an important and crucial role in successfully running the academic programmes. In the case of supporting staff, besides adequate numbers and appropriate qualifications, the requirements are: hands-on experience, skills, attitudes, commitment and involvement with the institutional objectives.

Criterion V : HUMAN RESOURCES: STUDENTS

The administrative policies and procedures should be objective and transparent. The number of qualified candidates in national/state level tests, the number admitted and dropouts , their ranking in the overall merit list of candidates seeking admission, are some of the factors that reflect the institutional effectiveness. The evaluation procedures, academic results and time taken for completion of these requirements are important parameters. The graduation requirements should be made known to every student. The Diploma/Degree awarded should appropriately reflect the student's attainments. Information with regard to employment of the graduates and feedback from the employers help the institution to reorient its goals so as to enhance effectiveness.

Criterion VI: TEACHING-LEARNING PROCESSES

Each undergraduate Degree programme should embody general and specialized professional content of adequate depth and breadth, and should include appropriate Humanities and Science components. There should also be an effective relationship between the curricular content and practice in the field of specialization. In addition, the students successfully completing the programme should demonstrate their competence in oral communication, scientific and quantitative reasoning, critical analysis, logical thinking, creativity and capacity for self-learning. Postgraduate degree programmes should be designed to give students mastery in their specialized field of study. They should have coherent curricula and should enable the students to advance substantially beyond the educational requirements of the undergraduate Degree level.

Criterion VII: SUPPLEMENTARY PROCESSES

The institution should provide the environment, which fosters not only the intellectual, but also the personality development of its students. It should have personality development opportunities provided through co-curricular and extra-curricular activities and student services.

Criterion VIII: RESEARCH & DEVELOPMENT AND INTERACTION EFFORT

The department should also undertake academic/ sponsored industrial R & D projects. Joint guidance with industry/ R & D laboratory/ other institutions for Ph. D theses / M Tech. Projects will not only develop close interaction between the department, industry and R & D laboratories, but will also enhance the quality of research. The criteria for evaluation of the Ph. D theses and M Tech. projects are important indicators of the quality of research work. Publications, citations, patents and resource allocation are the other indicators of the effectiveness of research work relevant to the postgraduate programmes Industry participation in curriculum planning, consultancy, project work and extension lectures are essential to achieve the professional goals of the academic programmes in Engineering and Technology.



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DIRECTOR'S MESSAGE

Greetings and welcome to a new academic year. In order to foster more freedom to students in our academic environment, major changes in the rules and regulations are introduced with the approval of the senate. The proposed changes would be very friendly to students in their pursuit of learning engineering. Besides changes in the rules, the Departments have also changed their respective curriculum and syllabus. The changes in syllabi have resulted in offering an array of electives from which a student opt his choices. The departments are refurbished and the obsolete equipments are being removed. The young and dynamic faculty is been added to each department. Hope in this academic year, teaching-learning process will be more effective and research will be a very progressive. - **PROF M CHIDAMBARAM**

Best Paper Award in International conference

Thamaraiselvan, N and Sivaram A.A of Management Studies presented paper and won Best Paper Award for the Paper titled "How Do Consumers Evaluate Brand Extensions? - Research Findings from India" at the International Conference on Business Information Organized by Academy of Taiwan Information Systems Research (ATISR) held in Pan Pacific Hotel, Singapore in July 12-14, 2006.



Paper Presentation in Interanational Conference

Dr.Mrs.N.Sulochana Professor & Head of Chemistry Department presented paper titled "Synthesis & Characterisation of megomorphic Prop. of Sctiffs bases having intramolecular hydrogen bonding" at 21st International conference on Liquid Crystals. held at Keystone, Colarado USA July 2 -7, 2006.