

**BIRLA INSTITUTE OF TECHNOLOGY
MESRA : RANCHI**

**MINUTES
OF THE
89th TECHNICAL COUNCIL MEETING**

89.01. 89th Technical Council Meeting was held on 11th July 2013 at 3.00 P.M. in the Institute R&D Building, Seminar Hall No.1. The meeting was chaired by the Vice Chancellor. The list of members who attended the meeting is enclosed in **Annex - 'I'**

89.02. Confirmation

Minutes of the 88-A Special Meeting of the Technical Council held on 8th June 2013 at 9.00 A.M. in the Institute R&D Building, Seminar Hall No.1, was confirmed.

89.03A Registration in Ph.D. Programme & Doctoral Committee

The Technical Council **approved** the Ph.D. registration of the Scholars for the Ph.D. Programme of the various departments who have qualified in the Ph.D. Entrance Examination held during January 2013 and appointment of the respective Doctoral Committee for each of the scholars as noted against their names. The details are in **Annex - 'II'**.

89.03B. Pre Ph.D. Qualifying paper

The **Technical Council approved** the qualifying papers of the candidates as per details in enclosed **Annex – 'III'**

89.03C Exemption from Ph.D. Qualifying Paper

Based on the recommendation of Dean (PG&R) the **Technical Council approved exemption** of written qualifying papers (vide Clause 30 of the Ph.D. regulation) of the Ph.D. Scholars as follows

1. Department of Remote Sensing

i) Name of Candidate: Mr. Praveen Kumar Roll No. Ph.D/RS/10003/2012

Exempted from the course work vide [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. in Remote Sensing 2012 from BIT Mesra, Ranchi.

89.03D Reconstitution of Doctoral Committee

Based on the recommendations of Dean (PG&R) the **Council approved** restructuring of the Doctoral Committees for the research scholars as per details in enclosed **Annex - 'IV'**

89.03E Change of Ph.D. Thesis Title

The **Technical Council** on the basis of recommendation of Dean (PG&R) **approved change / modification** of the **topic** of the following scholars as under :

<u>Name & Dept.</u>	<u>Existing Topic</u>	<u>Approved Topic</u>
1) Department of Remote Sensing		
i) Ms. Arunima Dasgupta Roll No. Ph.D/51/2010 Dept. of Remote Sensing	“Desertification Vulnerability Risk Assessment & Prediction Model using Fuzzy Algorithm”	“Development and Application of an Integrated Model for Desertification Vulnerability Assessment using Fuzzy Membership Analysis Cumulative Weighted Method and Space Technology”
2) Department of Management		
i) Mrs. Arpita Pandey, Roll No. Ph.D/83/2009 Dept. of Management	“A Comparative Study of Hedonic and Utilitarian Value Perception for Retail Products”	“Consumer Characteristics and Hedonic Value Perception; A Study of Retail Products”
ii) Mr. Shailendra Kr. Singh Roll No. Ph.D/MB/1051/2011 Dept. of Management	“Perception of India Youth towards Employment in ITES-BPO Sector”	“Green Logistic Approach of Indian Export Houses in Context of International Business”
3. Department of Applied Maths		
i) Mr. Prashant Kumar Roll No. Ph.D/AM/1051/2010 Dept. of Appl. Maths.	“Neural Network Based Structure Health Investigation of Building due to Earthquake”	“Response Analysis of Surface Waves by the Interaction of Obstacles in Earthquake Scenario”
ii) Mrs. Rekha Tiwary Roll No. Ph.D/12/2008 Dept. of Appl. Maths.	“Mathematical Modeling of Micro-seismic Waves in Layered Media”.	“Mathematical Modeling of Surface Waves in Layered Media”
4. Department of Applied Chemistry		
i) Mr. Ananda Kr. Konreddy Roll No. Ph.D/AC/1054/2010 Dept. of Appl. Chemistry	“Computer aided Structural Exploration and Synthesis of of Pyrazolo [3,4-d] Pyrimidine analogs for the Discovery of Anti-Viral Drug Candidate”	“Computer aided Structural Exploration and Synthesis of pyranone carboxamide analogs for the Discovery of Antiviral Drug Candidate”
ii) Ms. Ranjana Jha Roll No. Ph.D/AC/1002/2011 Dept. of Appl. Chemistry	“Studies on occurrence and removal of fluoride in ground water of Palamu region of Jharkhand”	“Synthesis, Characterization and defluoridation efficacy studies of some new adsorbent materials”

5. BITEC, Muscat

- i) **Mrs. Neelufer Aslam Kulkarni**, “Leadership Styles of Senior and Middle level Managers and their impact on organizational Effectiveness”
Roll No. Ph.D/MB/7051/2010
BITEC, Muscat
- “Leadership Styles of Senior and Middle level Manager : A Study of Selected Firms in Muscat, Sultanate of Oman”

89.03F. Permission for Re-Registration

i) Department of Applied Physics

As recommended by the Doctoral Committee of Mrs. Neelam Kumari for re-registration as per clause 27 of Ph.D. Regulation 2011 of Ph.D. Programme, the Vice-Chancellor approved the same provisionally. The **Council ratified** the same.

89.03G Re-structuring of Departmental Academic Committee/Academic Committee in case of Off Campuses & Off Shore Campuses.

On the basis of the recommendation of Dean (PG&R) the **Technical Council approved** the restructuring of the Academic Committee of BIT Mesra Off campus Patna as appended below.

1) **BITEC, Patna**

Approved Academic Committee

- | | | |
|--------------------------|---|----------------------|
| 1. Director, BITEC Patna | - | Chairman, Ex-officio |
| 2. Dr. S.P. Lal | - | Member |
| 3. Dr. A.K. Singh | - | Member |
| 4. Dr. G.K.Choudhary | - | External Member |
| 5. Dr. A.K. Nayak | - | External Member |
| 6. Guide(s) | - | Member |

89.03H. Reconstitution of Board of Studies

1. Department of Appl. Mechanics [ME (CAAD)]

As proposed by the Head of the Dept. of Applied Mechanics Department and as recommended by Dean (PG&R) the **Council** approved the reconstitution of Board Studies as appended below :

Approved Committee

Internal Members

- | | | |
|---------------------------|---|----------|
| 1. HOD, Applied Mechanics | - | Chairman |
| 2. Prof. A.K. Ray | - | Member |
| 3. Dr. Pradip K. Roy | - | Member |
| 4. Dr. J.K. Prasad | - | Member |
| 5. Dr. S.K. Chakraborty | - | Member |

External Member (Any Two)

1. Dr. Gautam Pohit, Professor, Dept. of Mechanical Engg. Jadavpur University
2. Dr. Ranjan Bhattacharya, Professor & Head, Dept. of Mechanical Engg., IIT, Kharagpur
3. Dr. Sibnath Maiti, Director Gr. Scientist, CMERI, Durgapur
4. Dr. K.P. Roy Sarkar, Scientist Gr. G, CMERI, Durgapur

89.03I Transfer from Part Time to Full Time Ph.D. Programme

1. Department of Pharmaceutical Sciences

As proposed by the Doctoral Committee of the following candidates for transfer from part time to full time Ph.D. programme of the Dept. of Pharmaceutical Sciences. The **Council approved** the same. [Such provision has already been approved by the Technical Council in its 84th meeting held on 12th January, 2012].

- a) Mr. V. Dinesh Kumar Roll No.: PH.D./1056/2010
- b) Mr. Pushendra Kumar Roll No.: PH.D./1078/2010

89.03J Course Structure & Syllabus

1. Department of Biotechnology

As proposed by the Board of Studies, Dept. of Biotechnology and recommended by Dean (PG&R) syllabus of DBT 2010 Model Development & Simulation was **Approved** by the **Council**. Details as per Annexure - V enclosed.

Annexure – V

2. Department of IT

As proposed by the Board of Studies of the Dept. of Information Technology and recommended by Dean (PG&R) the following course structure & syllabus were **approved** by the **Technical Council**.

- A) M.Tech. IT Programme. Details as per Annexure –VI enclosed.

Annexure – VI

- B) Integrated MCA Programme. Details as per Annexure –VII enclosed

Annexure – VII

- C) BCA Programme. Details as per Annexure –VIII enclosed.

Annexure –VIII

3. Department of Applied Physics

- A) After due deliberations the **Council approved**, the Proposed course structure and syllabus for Integrated M.Sc. in Physics Programme (5th & 6th semester) of Department of Applied Physics. Details as per Annexure – IX enclosed.

Annexure – IX

- B) As proposed by the Board of Studies of the Dept. of Applied Physics and recommended by Dean (PG&R) the **Technical Council accorded** its **approval** for some subjects of M. Sc. Applied Physics programme (2nd & 3rd semester) and Integrated M. Sc. in Physics (one subject in 4th semester). Details as per Annexure-X enclosed.

Annexure – X

89.03K. Proposal for commencement of New Courses

Paramedical & Allied Studies

A) In-charge, BIT Off campus, Lalpur proposed course structure and syllabus of Paramedical & Allied Studies to be started at off campus, Lalpur. After due deliberations, the **Council** deferred the matter for refining and revising of the course structure and syllabus.

Master's in Tourism

B) The matter was deliberated in the 88-A Special meeting and the Council deferred the matter for next meeting for want of detailed infrastructure, feasibility report etc. The In-charge off campus, Lalpur provided the desired detailed report. Finally **Council approved** the same. Detail as per Annexure- XI enclosed.

Annexure-XI

89.04. Renaming of all Engg. / Tech. Degree

As approved by the BOG from now onwards all Undergraduate degree in Engg. / Tech. should be B. Tech. instead of B.E and all Postgraduate degrees in Engg. / Tech. should be called as M. Tech. instead of (M.E.). After long deliberations the **Council** was of the opinion that the **Institute has to apply for approval to AICTE w.e.f. 2014.**

89.05A. Health Care Management

BITEC-Kolkata

The Board of Studies of the Dept. of Management proposed the BOS and course structure for Bachelor of Health Care Management programme for starting at BIT Mesra Off-campus Kolkata. After due deliberations the **Council approved** the same subject to approval by BOG. Detail as per Annexure-XII enclosed.

Annexure-XII

89.05B. Microwave Engg. – ECE Department

As proposed by the Board of Studies of the Department of Electronics and Communication Engineering the revised course content of EC – 5203 : Microwave Engineering for B.E. Electronics and Communication Engineering programme. The course content of EC – 5203 : Microwave Engineering. The **Council approved** the same on recommendations of Dean(UG). Details as per Annexure-XIII enclosed.

Annexure-XIII

89.05C. Revised Syllabus of EC:4205 – ECE Department

As proposed by the Board of Studies of the Department of Electronics and Communication Engineering the revised syllabus of EC – 4205 : Microprocessor & Microcontroller was **Approved by the Council.** Detail as per Annexure-XIV enclosed.

Annexure-XIV

89.05D. Change in Credits for B.Sc. Food Processing Technology

The Board of Studies of the Dept. of Food Processing and Technology proposed the change in Credits of (Food Processing Technology) programme. The total number of credits for this programme has been change from 133 to 142. The **Council approved** the changes. Details as per Annexure-XV enclosed.

Annexure-XV

89.05E. Change of Programme name for 2011 and 2012 Batches – Chemical Engg & Technology

The Board of Studies of the Department of Chemical Engg. & Technology proposed the change of programme name for 2011 and 2012 batches from BE (Chemical and Polymer Engg.) to BE (Chemical Engg. – Plastic & Polymer). The **Council** was of the opinion that no change is required and hence deferred.

89.06. Permission to appear in Special (Non-collegiate) Exam.

Dean (UG) proposed that few students of B.E. 2009 batch had requested that they may be permitted to appear in Special (Non-collegiate) Examination even if the backlog units are more than 9.0. [it was also decided that **On** demand, copy can be shown by the Examination Dept.] The issue was deliberated by the **Council** and decided that **Notification** in this regard will be issued by the Dean (UG).

89.07. Revised Class Timings

As proposed by the Dean (UG) the revised class timings were provisionally approved by the Chairman in 88-A Special TC, which has already been implemented from the current session i.e. MO2013 The **Council ratified** the same as appended hereunder.

Sl.No.	Period	Timing
1	I	8.00 am to 8.50 am
2	II	8.50 am to 9.40 am
3	III	9.40 am to 10.30 am
4	IV	10.30 am to 11.20 am
5	Lunch Break	11.20 am to 12.50 pm
6	V	12.50 pm to 1.40 pm
7	VI	1.40 pm to 2.30 pm
8	VII	2.30 pm to 3.20 pm
9	VIII	3.20 pm to 4.10 pm

89.08 A. Proposal of In-charge, BIT Off-campus, Lalpur

The In-charge, BIT Off-campus, Lalpur proposed the following items which were deliberated and **approved** by the **Council**.

- (i) The IMCA, IMBA and Integrated M.Sc. : The exit option will be after completion of Vth Semester.
- (ii) Ph. D. Entrance test shall also be conducted by the BIT Lalpur Off-campus like the existing provision at other off campuses.

89.08 B. Proposal of Director, BIT Off-campus, Noida

The Director, BIT Off-campus, Noida proposed the following items

- (i) Two years MBA programme for working executives during evening hours or on weekends.

The **Council** after due deliberations advised to constitute a committee with the following members to look into the suitability of course structure, availability of faculty, feasibility report and infrastructure to finalize the matter.

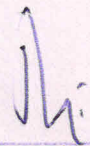
- 1) Dr. S.K. Bose
Professor & HoD, Management, BIT, Mesra
- 2) Dr. Munish Makkad
Director, BIT Off-campus, Noida
- 3) Dr. S.L. Gupta
Director, BIT Off-campus, Patna
- 4) Dr. Utpal Baul
Professor, Dept. of Mgt. BIT, Mesra
- 5) Dr. Shraddha Shivani
Professor, Dept. of Mgt. BIT, Mesra

- (ii) Detailed course structure and syllabus of BBE 1st Semester was **approved** by the **Council**. Details as Annexure – XVI enclosed.

Annexure-XVI

89.09. The Results Approved by the Council is enclosed as Annexure-XVII.

The meeting ended with vote of thanks to the chair.


6/12/13
(Dr. A.P. Krishna)
Registrar &
Member Secretary
Technical Council

Date : 6th December, 2013