

**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

**MINUTES  
OF THE  
90th TECHNICAL COUNCIL MEETING**

- 90.01.** 90<sup>th</sup> Technical Council Meeting was held on 13<sup>th</sup> December 2013 at 3.30 P.M. in the Institute Conference Room. The meeting was chaired by the Vice Chancellor. The list of members who attended the meeting is enclosed in **Annex - 'I'**
- 90.02. Confirmation**
- Minutes of the 89th Meeting of the Technical Council held on 11<sup>th</sup> July 2013 at 3.00 P.M. in the Institute R&D Building, Seminar Hall No.1, was confirmed.
- 90.03A Registration in Ph.D. Programme & Doctoral Committee**
- 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 August 2013 and appointment of the respective Doctoral Committee for each of the scholars as noted against their names. The details are in **Annexure -'PG-1'**.
- Annexure – PG-1 enclosed**
- 90.03B Reconstitution of Doctoral Committee**
- Technical Council approved** the Doctoral Committees for the students as recommended and approved by the Dean (PG&R). Details are as per enclosed **Annexure 'PG-2'**.
- Annexure – PG-2 enclosed**
- 90.03C Addition / Change of Guide**
- Technical Council approved the** Change of Guide of the concerned scholars as recommended by the Doctoral Committee. Details are as per enclosed Annexure PG-3.
- Annexure – PG-3 enclosed**
- 90.03D Modification in Ph.D. Thesis Title**
- Technical Council approved** the minor changes of Topic recommended by the concerned Doctoral Committees. Details as per the Annexure PG-4 enclosed.
- Annexure – PG-4 enclosed**
- 90.03E De-registration from Ph. D. Program**
- Technical Council approved** the De-registration from Ph. D. program of the concerned scholars as per the list enclosed as Annexure PG-5.
- Annexure – PG-5 enclosed**

**90.03F Re-structuring of Departmental Academic Committee**

Re-structuring of Departmental Academic Committee (DAC) as proposed by the Departments/off-campuses were **Approved by the Technical Council** as per enclosed Annex PG-6.

**Annexure – PG-6 enclosed**

**90.03G. Reconstitution of Board of Studies**

Head of the Departments / Directors of off campuses had proposed reconstitution of their Board of Studies. **Technical Council approved** the same. Details are as per Annex PG-7.

**Annexure – PG -7 enclosed**

**90.03H. Minutes of Meeting for Ph.D. Programs offered by the Institute**

Meeting of All Deans, HODs and COE was held on 6<sup>th</sup> August 2013 and 13<sup>th</sup> Nov 2013 on the Ph.D programmes offered by the Institute. After due deliberations, **Technical Council approved** the decisions taken in the said meetings.

**Annexure – PG -8 enclosed**

**90.03I. Permission of Re-registration/ Extension**

**The Technical Council approved** the following re-registration / extension of Ph. D programme of the following candidates:

- 1) **Mr. Tanmoy Kumar Banerjee**, Roll No. Ph.D/18/2006, Asst. Professor, BIT off campus Kolkata, for a period of **one year** from the date of his registration.
- 2) **Mr. Vikash Sharma**, Roll No. Ph.D/01/2007 for a period of **two years** from the date of his registration.
- 3) **Mr. M.R. Narayan**, Roll No. Ph.D/68/2006 for a period of **two years** from the date of his registration.
- 4) **Ms. Subhashini Rajamani**, Roll No. Ph.D/55/2007 for a period of **one year** from the date of her registration
- 5) **Mr. Aditya Verma**, Roll No. Ph.D/62/2007 for a period of **two years** w.e.f. February 2014.

**90.03J. Transfer from Full Time to Part Time Ph.D. program**

The following **Transfers** from Full Time to Part Time of Ph. D programme were **Approved** by the **Technical Council** as per the recommendation of Doctoral Committees of the respective scholars:

1. **Mr. Kumar Gunjan**, Roll No.Ph.D/IT/1055/2010 – Department of IT, BIT, Mesra
2. **Ms. Archana M. Panche**, Roll No. Ph.D/BT/10007/2012 – Dept. of Biotechnology, BIT, Mesra
3. **Mr. Sandip Mal**, Roll No.Ph.D/CS/10003/2012 – Dept. of CS&E, BIT, Mesra
4. **Ms. Anamica Singh**, Roll No.Ph.D/MB10013/2012 – Dept. of Mgt., BIT off Campus, Noida

**93.03K Transfer of Ph.D. Scholar from BITIC RAK, UAE to BITEC, Lalpur**

**Technical Council approved** the transfer of Ph.D. scholar Mr. Soofi Anwar, a faculty member Roll No. Ph.D/160/2009, at BIT off-shore campus RAK, UAE to BIT off-campus Lalpur under the supervision of Dr. Pranab Kumar, a faculty member of Dept. of Management at BIT off-campus, Lalpur because his present guide Dr. Durga Prasad had resigned from BIT and there is no other faculty available at BIT off-shore campus RAK to guide him.

### 90.03L. Pre Ph.D. Qualifying paper

The Doctoral Committee of respective scholars as mentioned below approved the following qualifying papers/audit courses of the Research Scholars as per detail mentioned in enclosed Annexure PG-9. **Technical Council approved** the same.

**Annexure – PG -9 enclosed**

### 90.03M. Ph. D. Viva-Voce

The **Technical Council** considered the recommendations of the respective Viva-voce boards of the following Ph.D. scholars and **approved** the award of Ph. D. to them **provisionally**:

<u>Name of the Scholar</u>	<u>Guide/Co-guide/Ext. Guide</u>	<u>Subject / Ph.D. Degree</u>
1) Mr. Brijesh Ainapur Dept. of Management [Roll No. PhD/50/08] <b>Management</b>	a. Dr. Ritesh Kumar Singh Guide b. -	“Theory of Constraints Approach for Supply Chain Performance Enhancement in Indian Iron and Steel Foundries”
2) Mr. Prem Prakash Singh Dept. of Pharm. Sc. [Roll No. PhD/74/08] <b>Pharmaceutical Sc.</b>	a. Dr. S. Jha Int. Guide b. Dr. Raghuvver Irchhaiya Ext. Guide	“Pharmacognostical, Phytochemical and Pharmacological Studies on <i>Calamintha officinalis</i> Moench”
3) Mr. Ram Kumar Tyagi Dept. of Mech. Engg [Roll No. PhD/06/09] <b>Engineering</b>	a. Dr. Arbind Kumar Int. Guide b. Dr. R.S. Pandey Ext. Guide	“Study of some aspects of Velocity shear Instability in Plasma”
4) Ms. Priyanka Gupta Dept. of Biotechnology [Roll No. Ph.D./73/07] <b>- Science.</b>	a. Dr. Ashish Sachan Int. Guide b. Dr. R. S. Singh Ext. Guide	“Biogasification of organic waste materials”
5) Ms. Shruti Kanga Dept. of Remote Sensing [Roll No. Ph.D/77/08] <b>- Technology</b>	a. Dr. M.S. Nathawat Guide b. -	“Forest Fire Susceptibility, Risk Modelling and Management : A Geospatial Approach”
6) Mr. Arvind Lal Dept. Mech. Engg [Roll No. Ph.D/02/06] <b>- Engineering</b>	a. Dr. Arbind Kumar Int. Guide b. Dr. N.K. Yadav “Indu” Ext. Guide	“Study of Biodiesel from some Vegetable Oils and their Engine Performance”
7) Mr. Ram Narayan Singh Dept. of Management [Roll No. Ph.D/52/07] <b>- Management</b>	a. Dr. Manju Bhagat Int. Guide: b. Dr. R.P. Mohanty Ext. Guide	“Employees Satisfaction with HR Practices and their Commitment to the Organization : An Empirical Study in Bharat Sanchar Nigam Ltd.”
8) Mr. Abhimanyu Dev Dept. of Pharm. Sc. [Roll No. PhD/73/08] <b>- Pharmaceutical Sc.</b>	a. Dr. R.N. Gupta Guide b. -	“Development of Microencapsulation of <i>Vibrio cholerae</i> and its proteins to study the immunological importance as Oral Vaccine”



**90.05A. Following agenda Points were forwarded by the office of Dean (UG)**

1. Director, **RAK Offshore Campus** had proposed through Dean (External Relation and Coordination) that the following programmes be introduced for the students of **RAK Offshore Campus**.
- a) Diploma in Mechanical Engineering
  - b) B.E. in Mechanical Engineering
  - c) B.Com.

**Chairman, Technical Council had provisionally approved the same on 22.7.2013. Technical Council ratified** the same.

2. **Commanding Officer, NCC** has informed that the enrolment period for NCC has been modified by the Director General, NCC, New Delhi to three years. It is a compulsory non-credit course. Instead of two years it should be of three years to get 'C' certificate from **2013 batch. Technical Council** accorded its **approval**.

3. Head, Department of Chemical Engineering and Technology had proposed the following changes in the course title and course code for B.E. in Chemical Engineering and B.E. in Chemical and Polymer Engineering.

<u>Present</u>	<u>Proposed</u>
ME3005 Mechanics of Solid	ME3007 Strength of Materials
ME3004 Mechanics of Solid Laboratory	ME3008 Strength of Materials Laboratory

**Chairman, Technical Council provisionally approved it on 19.11.2013. Technical Council ratified** the same.

4. Head, Department of Chemical Engineering and Technology has proposed modified course structure and course contents for VI, VII, and VIII Semesters of B.E. in Chemical Engineering and B.E. in Chemical and Polymer Engineering. **Chairman, Technical Council has already approved it on 19.11.2013. Technical Council ratified** the same.

**Annexure – 'UG1' enclosed**

5. Head, Department of Electrical and Electronics Engineering has proposed modified course structure for VI, VII, and VIII Semesters of B.E. in Electrical and Electronics Engineering programme. The **Chairman, Technical Council has already approved it on 20.11.2013. Technical Council ratified** the same.

**Annexure – 'UG2' enclosed**

6. Head, Department of Electrical and Electronics Engineering had proposed modification in the course content of EE4201 Electrical Measurement and Instrumentation for B.E. in Electrical and Electronics Engineering programme. **Chairman, Technical Council has already approved it on 20.11.2013. Technical Council ratified** the same. Details in Annexure UG-3 enclosed.

**Annexure – 'UG3' enclosed**

7. Head, Department of Management proposed that the following new courses be included in the list of Breadth Courses in the VI Semester of B.E. and B.Arch. programmes.

- (i) MSH1115 Human Resource Management
- (ii) MSH1121 Marketing Management
- (iii) MSH1123 Operations Research
- (iv) MSH1127 Project Management

Course contents of the above courses are enclosed as **Annexure – UG4. Technical Council approved** the same.

**Annexure – ‘UG4’ enclosed**

8. Head, Department of Civil Engineering had proposed modification in the course content of CE6003 Transportation Engineering – II and CE7005 Finite Element Applications in Civil Engineering courses of B.E. in Civil Engineering programme. **Technical Council** accorded its **approval**. The modified course contents are enclosed as Annexure UG-5.

**Annexure – ‘UG5’ enclosed**

9. Head, Department of Civil Engineering had proposed inclusion of two new elective courses, CE7019 Concrete Technology and Materials and CE8015 Construction Engineering Practices in Elective – I and Elective – III respectively of B.E. in Civil Engineering programme. **Technical Council approved** the same. The course contents are enclosed as Annexure UG-6.

**Annexure – ‘UG6’ enclosed**

#### **90.06 Minutes of the Admission Committee**

1. Dean (Admission & Acad. Coord.) had submitted the Minutes of the Admission Committee held on 26<sup>th</sup> October 2013 at Admission Office for information of Technical Council. After due deliberations **Technical Council** accorded its **approval**. Details are enclosed at Annexure – ‘A’.

**Annexure – ‘A’ enclosed**

2. Dean (Admission & Acad. Coord.) had submitted the following information which the **Technical Council approved** after due deliberations:

a) Admission data of the students admitted to various UG&PG programmes at Mesra for last 5 years from year 2009-10, 2010-11, 2011-12, 2012-13 & 2013-14.

**Annexure – ‘B1’ enclosed**

b) Change in eligibility criteria, number of seats to be offered and Introduction of new courses in the session 2014-15 (as received from the Departments / Centres)

**Annexure – ‘B2’ enclosed**

c) Opening and closing AIR in AIEEE or JEE-Main of the students admitted to BE programme at BIT Mesra from 2010-11, 2011-12, 2012-13 & 2013-14.

**Annexure – ‘B3’ enclosed**

**A) Renaming of Technical Council as Academic Council**

It was proposed that Technical Council be renamed as Academic Council. This is proposed in view of BIT being a Deemed University which offers courses in various academic streams rather than only technical stream. Thus, renaming of Technical Council as Academic Council shall also align our nomenclature with prevalent UGC norms. Technical Council has provisionally approved the same subject to approval by the Board of Governors.

**B) Proposal for Celebration of notable events**

- i) Founder's Day to be celebrated every year on the birthday of Late Shri B.M. Birla during which we should honour 5 Distinguished Alumni and 5 Institute Employees in recognition of their outstanding contributions.
- ii) Science Day (on 28<sup>th</sup> February) during which 5 top performing Researchers are to be honoured every year.
- iii) Engineer's Day (on 15<sup>th</sup> September) during which awards are to be conferred on 5 Faculty members every year for their notable engineering innovations.
- iv) Teacher's Day (on 5<sup>th</sup> September) during which 5 Best Teacher award are to be conferred every year with a provision of no consecutive awards to a teacher for at least 5 years from the year of an award to him/her.

Technical Council provisionally approved subject to approval by the Board of Governors.

**C) Proposal to invite BIT Alumni to Sponsor Chair Professorships**

Inviting BIT Alumni for sponsoring Chair Professorships in different departments in all subjects. This shall require Alumni's monetary contribution for the same to an extent where the established Chair Professorship can be sustained through the interest earned on the Corpus Fund contributed for the purpose.

Technical Council provisionally approved subject to approval by the Board of Governors.

**D) Proposal to rename certain Departments**

It is proposed to rename Departments of Applied Physics, Applied Chemistry and Applied Mathematics as Departments of Physics, Chemistry and Mathematics respectively.

Technical Council has provisionally approved subject to approval by the Board of Governors.

The meeting ended with vote of thanks to the Chair.



(Dr. A.P. Krishna)  
Registrar & Secretary  
Technical Council

11<sup>th</sup> April, 2014