

**BIRLA INSTITUTE OF TECHNOLOGY  
MESRA : RANCHI**

**MINUTES  
OF THE  
88<sup>th</sup> TECHNICAL COUNCIL MEETING**

**88.01.** 88<sup>th</sup> Technical Council Meeting was held on 1<sup>st</sup> April 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'**

**88.02. Confirmation**

Minutes of the 87<sup>th</sup> Meeting of the Technical Council held on 24<sup>th</sup> November 2012 at 10.00 A.M. in the Institute R&D Building, Seminar Hall No.1. was confirmed.

**88.03A. 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 August 2012 and appointment of the respective Doctoral Committee for each of the scholars as noted against their names. The details are in **Annex - 'II'**.

**88.03B. Pre Ph.D. Qualifying paper**

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

**88.03C. Exemption from Ph.D. Qualifying Paper**

Based on the recommendation of the PGPEC 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 Computer Science & Engg.**

i) **Name of Candidate : Mr. Niraj Kumar Singh Roll No. Ph.D/CS/1056/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done ME. (SE) in 2012 m BIT Mesra, Ranchi.

ii) **Name of Candidate : Mr. Dibya Ranjan Das Adhikary Roll No. Ph.D/CS/10002/2012**

Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (CS) in 2011 from BIT Mesra, Ranchi.

- iii) **Name of Candidate : Mr. Sandip Mal Roll No. Ph.D/CS/10003/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done ME. (SE) in 2012 from BIT Mesra, Ranchi.
- iv) **Name of Candidate : Ms. Dipti Kumari, Roll No. Ph.D/CS/10004/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (CS) in 2010 from BIT Mesra, Ranchi.
- v) **Name of Candidate : Ms. Sweta Kumari, Roll No. Ph.D/CS/10005/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (IS) in 2010 from GGSIPU, Delhi.
- vi) **Name of Candidate : Mr. Amit Prakash, Roll No. Ph.D/CS/10007/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (SE) in 2012 from BIT Mesra, Ranchi.
- vii) **Name of Candidate: Mr. Puneet Singh Duggal, Roll No. Ph.D/CS/10019/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (CS) in 2010 from BIT Mesra, Ranchi.

## **2. Department of Information Technology**

- i) **Name of Candidate: Mrs. Shweta Sinha, Roll No. Ph.D/IT/1051/2011**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (IT) in 2011 from G.G.S. Indraprastha university, Delhi.

## **3. Department of Electronic & Communication Engg.**

- i) **Name of Candidate: Mr. Asuthosh Kar, Roll No. Ph.D/EC/10004/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (Signal Processing & Control) in 2011 from NIT, Hamirpur, HP
- ii) **Name of Candidate: Mr. Sudhakar Singh Chauhan Roll No. Ph.D/EC/10005/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (VLSI) in 2009 from NIT, Hamirpur, HP
- iii) **Name of Candidate : Ms. Sharmila Biswas Roll No. Ph.D/EC/10006/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.Tech. (ECE) in 2011 from West Bengal University of Technology.
- iv) **Name of Candidate : Ms. Sheelu Kumari Roll No. Ph.D/EC/10008/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (Microwave) in 2012 from BIT Mesra, Ranchi.

- v) **Name of Candidate: Mr. Sanjeev Kumar Roll No. Ph.D/EC/10011/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (Instrumentation & Control) in 2012 from BIT Mesra, Ranchi.
- vi) **Name of Candidate: Ms. Bibha Kumari Roll No. Ph.D/EC/10012/2012**  
Exempted all courses except project work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (ECE) in 2012 from BIT Mesra, Ranchi.

#### **4. Environmental Science & Engineering Group**

- i) **Name of Candidate : Ms. Shambhavi Singh Roll No. Ph.D/ESE/1001/2011**  
Exempted all theory courses except term paper in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (ESE) in 2011 from BIT Mesra, Ranchi

#### **5. Department of Civil Engineering**

- i) **Name of Candidate : Shwetambara Verma Roll No. Ph.D/CE/1001/2011**  
Exempted all courses except course work in 2<sup>nd</sup> semester [Clause 30 C-(v)] vide Clause 30 C (ii) of Ph.D. Regulation, 2011 as the candidate has done M.E. (Civil) in 2011 from BIT Mesra, Ranchi

### **88.03D Change of Course Code**

#### **Department of Biotechnology**

Based on the recommendation of PGPEC **Technical Council approved** changes of the course code as mentioned hereunder.

<b>Sl. No.</b>	<b>Course Name</b>	<b>Existing Code</b>	<b>Proposed Code</b>
1	Modern Methods of Instrumentation	DBT 101	DBT 1001
2	Techniques in Molecular Biology & Genetic Engg.	DBT 102	DBT 1002
3	Process Biotechnology & Down Stream Processing	DBT 201	DBT 2001
4	Bioprocess Engineering	DBT 202	DBT 2002
5	Enzyme Technology	DBT 203	DBT 2003
6	Animal Biotechnology	DBT 204	DBT 2004
7	Immunology & Medical Biotechnology	DBT 205	DBT 2005
8	Plant Biotechnology	DBT 206	DBT 2006
9	Mineral Biotechnology	DBT 207	DBT 2007
10	Environmental Biotechnology	DBT 208	DBT 2008
11	Bioenergy	DBT 209	DBT 2009
12	Model Development & Simulation	DBT 210	DBT 2010
13	Biostatics & Bioinformatics	DBT 211	DBT 2011
14	Biodiversity, Evolution & Conservation Biology	DBT 212	DBT 2012
15	Biophysics & Biomedical Instrumentation	DBT 213	DBT 2013
16	Food Microbiology	DBT 214	DBT 2014
17	Plant – Microbial Interaction	DBT 215	DBT 2015
18	Functional Genomics & Proteomics	DBT 216	DBT 2016
19	Biotechnology Management	DBT 217	DBT 2017
20	Algal Biotechnology	DBT 218	DBT 2018
21	Bio-Polymer Characterization	DBT 219	DBT 2019
22	Insect Biology	DBT 220	DBT 2020

23	Research Methodology	DBT 221	DBT 2021
24	General Microbiology	DBT 222	DBT 2022

### 88.03E. Ph. D. Viva-Voce

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

<u>Name of the Scholar</u>	<u>Guide/Co-guide/Ext. Guide</u>	<u>Subject / Ph.D. Degree</u>
1) Mr. Rajeev Agrawal Dept. of Prod. Engg. [Roll No.34/05]	a. Dr. S. Kumar Int. Guide b. Dr. M.K. Tiwari Ext. Guide	“Advanced Planning and Scheduling Problem in E-Manufacturing Environment and its Solution Using Evolutionary Algorithms” - <b>Engineering</b>
2) Mrs. Priyashree Sunita Dept. of Pharm. Sciences [Roll No. Ph.D/06/08]	a. Dr. S. Jha Guide	“Pharmacognostical, Phytochemical and Pharmacological Investigations on an Ayurvedic Plant, <i>Cressa cretica</i> Linn.” - <b>Pharmaceutical Sciences</b>
3) Mr. Aditya Kumar Singh, Dept. of Appl. Maths. [Roll No. Ph.D/10/08]	a. Dr. B.K. Mishra Int. Guide	“A Study of some Mathematical Models and Simulation Cyber Attack and Defense” - <b>Science</b>
4) Mr. Shripal Vijyvargiya Dept. of CS&E [Roll No. Ph.D/40/06]	a. Dr. P. Shukla Guide	“Computational Techniques for identification of Regulatory Transcription Factor Binding Sites (TFBS) in Biological Sequences” - <b>Engineering</b>
5) Mr. Jeetendra Prasad Roy Dept. of Mech. Engg. [Roll No. Ph.D/66/07]	a. Dr. Ashok Misra Guide	“Parametric Optimization and Performance Analysis of a Waste Heat Recovery System using Organic Rankine Cycle”. - <b>Engineering</b>
6) Ms. Sabina Priyadarshini Dept. of Inf. Technology [Roll No. Ph.D/06/08]	a. Dr. G. Sahoo Guide	“Design of an Intelligent and Compact Digital Image Processing System” - <b>Technology</b>
7) Mr. Trilok Kumar Parashar Dept. of ECE [Roll No. Ph.D/02/07]	a. Dr. R.K. Lal Guide	“Computer Aided Modelling and Simulation of Infrared Photodetectors for Toxic Gas Monitoring” - <b>Technology</b>
8) Mr. Pawan Kumar Dept. of ECE [Roll No.Ph.D/30/08]	a. Dr. Mahesh Chandra Int. Guide b. Dr. Z.A. Abbasi, AMU Ext. Guide	“Acoustic Features Combination for Speaker Recognition, Gender Classification and Language Identification” - <b>Technology</b>
9) Mr. Satish Kumar Dept. of Appl. Chem. [Roll No. Ph.D/03/05]	a. Dr. J.P. Pandey Guide b. Dr. A.K. Sinha Co-Guide	“Spatial and temporal variation of water quality parameters in Subarnarekha river near Ranchi and development of a novel method for water purification” - <b>Science</b>

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| 10) Mr. Narendra Yadav<br>Dept. of SE&R<br>[Roll No. Ph.D/17/03]           | a. Dr. P.K. Srivastava<br>Guide  | “Non-Equilibrium Crystallization Phenomena and Growth of some Novel Crystal Patterns in Dual-Substrate of Belousov-Zhabotinsky Type Oscillatory Reaction Systems”<br>- <b>Science</b>           |
| 11) Mr. Pinaki Laha<br>Dept. of Appl. Physics<br>[Roll No. Ph.D./55/09]    | a. Dr. P.K. Barhai<br>Guide<br>b. Dr. S.K. Mohapatra<br>Co-Guide           | “Synthesis of nano structured multilayer metal oxide thin films for optical and electronic applications and characterization of their Surface and interface properties”<br>- <b>Science</b>     |
| 12) Ms. Manisha Kumari<br>Dept. of Inf. Tech.<br>[Roll No.62/06]           | a. Dr. G. Sahoo<br>Guide   | “Organic IT Infrastructure Planning and Implementation”<br>- <b>Technology</b>  |
| 13) Ms. Ruchi Agrawal<br>Dept. of CS<br>[Roll No.63/07]                    | a. Dr. Tarun Pandeya<br>Int. Guide<br>b. Dr. Jayanthi Ranjan<br>Ext. Guide | “Study of Data Mining Techniques in Decision Making for Strategic Advantage in Business Organizations”<br>- <b>Technology</b>   |
| 14) Ms. Supriti Agrawal<br>Dept. of Management<br>[Roll No.80/07]          | a. Dr. Tarun Pandeya<br>Int. Guide<br>b. Dr. Akhilesh Mishra<br>Ext. Guide | “Marketing Strategies and its Perspective for for Pharmaceutical Business (A Comparative Study on Prescribing Behaviour of Indian General and Specialized Practitioners”<br>- <b>Management</b> |
| 15) Mr. Sumer S. Yadav<br>Dept. of Management<br>[Roll No.80/04]           | a. Dr. A.M. Agrawal<br>Int. Guide<br>b. Dr. Ranjit Singh<br>Ext. Guide     | “To Study of the mode of e Governance in India and Development of an Effective Implementation Model of e Governance”<br>- <b>Management</b>   |
| 16) Mr. Anjini Kumar Tiwary<br>Dept. of ECE<br>[Roll No.07/09]             | a. Dr. Nisha Gupta<br>Guide  | “Design and Development of Printed Filter Configurations for EMI/EMC Applications”<br>- <b>Engineering</b>  |
| 17) Mr. Bhupesh Kumar Singh<br>Dept. of Inf. Technology<br>[Roll No.06/06] | a. Dr. G. Sahoo<br>Int. Guide<br>b. Dr. I.M.S. Lamba<br>Ext. Guide         | “Designing of Agent and Debugger for Complex Sketch Recognition”<br><br>- <b>Engineering</b>  |
| 18) Ms. Sreya<br>Dept. of Biotechnology<br>[Roll No.02/09]                 | a. Dr. A. S. Vidyarthi<br>Guide  | “Production of Biopolymers Utilising Industrial Waste and Wastewater as Raw Material”<br>- <b>Technology</b>  |
| 19) Ms. Bratati Chaudhary<br>Dept. of Biotechnology<br>[Roll No.25/09]     | a. Dr. Kunal Mukhopadhyay<br>Guide   | “Gene expression studies and <i>in vitro</i> anthocyanin production in <i>Syzigium cumini</i> ”<br>- <b>Science</b>   |

## 88.03F. Doctoral Committee :

Based on the recommendations of the PGPEC the **Council approved** restructuring of the Doctoral Committees for the research scholars as per details in **Annex - 'IV'**

[Enclosed **Annex-IV**]

## 87.03G. Change/ Modification of Ph.D. Topic

The **Technical Council** on the basis of recommendation of the PGPEC **approved change / modification** of the **topic** of the following scholars as under :

<u>Name &amp; Dept.</u>	<u>Existing Topic</u>	<u>Approved Topic</u>
<b>1) Department of Biotechnology</b>		
i) Ms. Koel Mukherjee Roll No. PHD/128/2009 Dept. of Biotechnology	“Computational and functional analysis of transcription factor containing helix turn helix motifs in eukaryotes”	“Computational analysis of transcription factors containing helix turn helix motif in eukaryotes”
ii) Ms. Shuchi Smita Roll No. Ph.D/32/2009 Dept. of Biotechnology	“Comparative functional analysis of abiotic stress-inducible pathways in rice”	“Comparative functional genomics analysis of abiotic stress-inducible pathway genes in rice”
iii) Mr. Amit Katiyar Roll No. Ph.D/132/2009 Dept. of Biotechnology	“High Throughout Analysis of Abiotic Stress-Responsive miRNA in Crops”	“High throughput analysis of drought miRNAs in <i>Sorghum bicolor</i> (L.) Moench”
<b>2. Department of Chemical &amp; Polymer Engg.</b>		
i) Ms. Siddhi Gupta Roll No.Ph.D/12/2009 Dept. of Chem. & Polymer Engg.	“Development of Polymer based Soft Nanocomposites for Tissue Engineering”	“Development of Transparent Poly (vinyl alcohol) Hydrogels for Tissue Engineering”
<b>3. Department of Electrical &amp; Electronics Engg.</b>		
i) Mrs. Debomita Ghosh Roll No. Ph.D/124/2009 Dept. of EEE	“Co-ordination of Relays with Reliability Analysis of Power System Networks”	“Reliability Analysis of Power System Network Incorporating Phasor Measurement Units”
<b>4. Department of Applied Physics</b>		
i) Mr. S.S. Rajput Roll No.Ph.D/57/2009 Dept. of Appl. Physics	“Studies on transport properties of CMR-Dielectric composites”	“Synthesis and Microwave Dielectric Studies of (Mg,A) TiO <sub>3</sub> - (Ca,A') TiO <sub>3</sub> Composites with A = Zn or Co, and A' = Sr or La
<b>5. Department of Remote Sensing</b>		
i) Mr. Suman Sinha Roll No.Ph.D/RS/1053/2010 Dept. of Remote Sensing	“Multi-Sensor SAR-Optical Synergic Modelling in Retrieving Forest Parameters for Wildlife Habitat Management”	“Multi-Sensor SAR-Optical Synergic Modelling in Retrieving Forest Parameters over Deciduous Landscape”

## 6. Department of Mechanical Engineering

- i) **Mr. Praveen Mishra** “Design of Submerged Entry Nozzle for Continuous Slab caster” “Physical Modelling of Fluid Flow in Submerged Entry Nozzle and Module under Different Operating Conditions using Scaled Down Water Models”  
**Roll No.Ph.D/03/2007**  
**Dept. of Mech. Engg.**

### 88.03H. Change / Appointment of Guide, Co-guide

The **Technical Council** based on the recommendations of PGPEC has **approved** the following change / appointment of Guide & Co-guide of the following candidates

#### 1) Department of Applied Physics

##### a) Mrs. Shraddha Prasad, Roll No. Ph.D/52/2009

<u>Existing Guide</u>	<u>Present Guide</u>	<u>Remarks</u>
Dr. S. Medhekar Guide	Dr. R.K. Sarkar Int. Guide (BITEC, Deoghar) Dr. S. Medhekar Ext. Guide (CUJ, Ranchi)	Dr. S. Medhekar has left the Institute

##### b) Mr. Man Mohan Gupta, Roll No. Ph.D/57/2010

<u>Existing Guide</u>	<u>Present Guide</u>	<u>Remarks</u>
Dr. S. Medhekar Guide	Dr. R.K. Sarkar Int. Guide (BITEC, Deoghar) Dr. Mrinal Mishra Co-Guide (BIT, Mesra) Dr. S. Medhekar Ext. Guide (CUJ, Ranchi)	Dr. S. Medhekar has left the Institute

### 88.03I Departmental Academic Committee:

The **Technical Council** approved the formation of the following Departmental Academic Committee as recommended by the PGPEC.

#### 1) Department of Space Engineering & Rocketry

##### Departmental Academic Committee

1.	Head of the Department, Space Engg. & Rocketry	-	Chairman, Ex-officio
2.	Dr. J.K. Prasad	-	Member
3.	Dr. P.C. Joshi	-	Member
4.	Dr. Sudip Das	-	Member
5.	S. Karmakar	-	Member
6.	Dr. Arbind Kumar (Mechanical Engg.)	-	Member
7.	Dr. (Mrs.) Usha Jha (App. Chemistry)	-	Member
8.	Guide (s) of the Candidate		

#### 2) Department of Applied Physics

##### Departmental Academic Committee

1.	Head of the Department, Applied Physics	-	Chairman, Ex-officio
2.	Dr. P.K. Barhai	-	Member
3.	Dr. S. Konar	-	Member
4.	Dr. Kingshuk Bose	-	Member
5.	Dr. (Mrs.) S. Keshri	-	Member

6.	Dr. S.K. Sinha	-	Member
7.	Dr. S.K. Rout	-	Member
8.	Dr. (Mrs.) I. Banerjee	-	Member
9.	Dr. Samrat Mukherjee	-	Member
10.	Dr. S.K. Ghorai (ECE)	-	Member
11.	Dr. (Mrs.) Usha Jha (App. Chemistry)	-	Member

### 3) **Department of Electrical & Electronics Engineering**

#### **Departmental Academic Committee**

1.	Head of the Department (EEE)	-	Chairman, Ex-Officio
2.	Prof. R.K. Narayan	-	Member
3.	Dr. T. Ghose	-	Member
4.	Dr. R.C. Jha	-	Member
5.	Dr. D.K. Mohanta	-	Member
6.	Dr. P.R. Thakura	-	Member
7.	Dr. R.K. Sinha	-	Member
8.	Dr. (Mrs.) Vijaya Laxmi	-	Member
9.	Dr. S. Chakraborty	-	Member
10.	Dr. Y. Aggarwal	-	Member
11.	Dr. S.K. Mishra	-	Member
12.	Dr. S.K. Ghorai (ECE)	-	Member
13.	Dr. G.Sahoo (IT)	-	Member
14.	The Guide(s) of the Candidate	-	Member

### 4) **Department of Civil Engineering**

#### **Departmental Academic Committee**

1.	Head of the Department (Civil)	-	Chairman, Ex-Officio
2.	Prof. Balram Singh	-	Member
3.	Prof. Anand Kumar Sinha	-	Member
4.	Dr. Rajeev Kumar Sahay	-	Member
5.	Dr. Arun Kumar	-	Member
6.	Dr. (Mrs.) Bindhu Lal	-	Member
7.	Dr. Avijit Burman	-	Member
8.	Dr. Indrajit Roy	-	Member
9.	Dr. B.K. Singh (Production Engg.)	-	Member
10.	Prof. S. Chakravarty	-	Member
11.	Dr. R.P. Sharma (Mechanical Engg.)	-	Member
12.	Dr. A.C. Pandey (Remote Sensing)	-	Member
13.	Dr. Gopal Pathak (EVSE)	-	Member

### 5) **Department of Mechanical Engineering**

#### **Departmental Academic Committee**

1.	Head of the Department (Mechanical)	-	Chairman, Ex-Officio
2.	Dr. Arbind Kumar	-	Member
3.	Dr. Arbind Kumar - II	-	Member
4.	Dr. R.P. Sharma	-	Member
5.	Dr. Apurba Kumar Roy	-	Member
6.	Dr. Jeeoot Singh	-	Member
7.	Dr. R.C. Jha (EEE)	-	Member
8.	Dr. B.K Singh (Production Engg.)	-	Member
9.	The Guide(s) of the candidate	-	Member



**6) BIT, Noida Campus**

**Academic Committee**

1.	Coordinator, Ph.D. Programme, BITEC, Noida	-	Chairman
2.	Dr. Shruti Kohli, Asstt. Prof, BITEC, Noida	-	Member
3.	Dr. Vandna Sharma, Asso. Prof, BITEC, Noida	-	Member
4.	Dr. Nawal Kishor, Director, School of Mgt. IGNOU	-	Member
5.	Dr. Rajiv Nag, Partner, KPMG	-	Member
6.	Dr. Asha Prasad, Asso. Prof, BITEC, Noida	-	Member
7.	Dr. Ila Sahay, Asso. Prof, BITEC, Noida	-	Member

**7. Centre of Excellence in Climatology (Department of Applied Mathematics)**

**Departmental Academic Committee**

1.	Prof. In-Charge (CEC)	-	Chairman, Ex-Officio
2.	Dr. Manoj Kumar	-	Member
3.	Dr. (Mrs.) Ashwini Ranade	-	Member
4.	Dr. (Mrs.) Nishi Srivastava	-	Member
5.	Dr. Sunita Verma (BITEC, Jaipur)	-	Member
6.	Pro. N.C. Mahanti, Advisor, BIT, Mesra	-	Member
7.	Prof. B.K. Mishra (App. Math)	-	Member
8.	Dr. S. Padhi (App. Math)	-	Member
9.	Prof. Gopal Pathak (ESEG)	-	Member
10.	Prof. N. Patel (Remote Sensing)	-	Member
11.	The Guide(s) of the candidate	-	Member

**88.03J. New / Reconstitution of Board of Studies**

Based on the recommendations of the PGPEC the **Technical Council approved** the reconstitution of Board of Studies of the Departments / Campus as per details in **Annex – ‘V’**.

[Enclosed **Annex-V**]

**88.03K. De-Registration from Ph.D. Programme**

The **Council approved de-registration** from Ph.D. programme of the following candidates

**1) BIT, Jaipur Campus**

Sl. No.	Name & Roll No.	Date of Registration	Research Topic	Guide	Reason for De-registration
I	Kumar Satyam Ph.D/MB/1001/2011		A Critical Study on interdependence of Conflict Management and Productivity in Hospitality Industry	Dr. Roopali Sharma	Personal reason

**2) BITIC, Muscat**

Sl. No.	Name & Roll No.	Date of Registration	Research Topic	Guide	Reason for De-registration
I	Ms. Preeti Shrivastava 12/2007		An Empirical Study of E-Banking in Oman and Customer Satisfaction Perspective	Dr. A.M. Agrawal	Personal reason

### 88.03L Extension / Re-registration of Ph.D. Programme

After due deliberations, the **Council referred back** the Re-registration of Mr. Anand Pd. Sinha (Roll No. Ph.D/56/2006), Department of Management to Dean (PG&R).

### 88.03M. Transfer from Part Time to Full Time Ph.D. Programme

#### 1) Department of Applied Chemistry

As proposed by the Doctoral Committee of Ms. Sweta Sinha, Roll No. Ph.D/AC/1053/2011 and recommended by the PGPEC, transfer of Ms. Sweta from part time to full time Ph.D. programme which has already been approved by the Technical Council in its 84<sup>th</sup> meeting held on 12<sup>th</sup> January, 2012. The **Council ratified** the same

### 88.03N. Transfer from Full Time to Part Time Ph.D. Programme

#### BIT, Noida Campus

As proposed by the Doctoral Committee of Ms. Neharika Srivastava, Roll No. Ph.D/MB/1002/2011 and recommended by the PGPEC, transfer of Ms. Srivastava from full time to part time Ph.D. programme which has already been approved by the Technical Council in its 84<sup>th</sup> meeting held on 12<sup>th</sup> January, 2012. The **Council ratified** the same

### 88.03O. Change of Working Place of candidate

#### 1. Department of Biotechnology

Based on the proposal of the Doctoral Committee of the following scholars and recommendations of PGPEC, the **Council approved** the change of work place from National Research Centre on Plant Biotechnology (NRCPB), New Delhi to National Bureau of Plant Genetic Resources (NBPGR), New Delhi as the external guide of the scholars has been transferred from NRCPB to NBPGR.

Mr. Amit Katiyar - Roll No. Ph.D/BT/132/2009  
Ms. Shuchi S. Smita - Roll No. Ph.D/BT/32/2009

### 88.03P. Academic Calendar for PG Programme

The **Technical Council approved** the Academic Calendar for Short Semester / Summer Semester for Post-graduate programme.

#### Short Semester / Summer Programme – 2013

Date of Registration	:	March 20 to April 20, 2013
Commencement of Classes	:	May 01, 2013
Quiz I	:	May 13, 2013
Quiz II	:	May 20, 2013
Quiz III	:	May 27, 2013
Classes End	:	June 01, 2013
End Semester Examination	:	June 04, 2013

### 88.04A. Proposal for starting full-time M.Tech. (CS) Programme at BIT, Noida Campus

As proposed by the Director BIT, Noida Campus to start the full-time M.Tech. (CS) Programme at Noida from session 2013-14. The PGPEC in principle agreed for the proposal for starting with 18 seats instead of 30 seats subject to fulfillment of the norms as specified by the AICTE. The **Council accorded its approval**. As per enclosed **Annex – ‘VII’**.

## 88.04B. Course Structure & Syllabus

### 1. Department of Management

- A) Based on the recommendations of PGPEC, the syllabus of IV Semester of IMBA programme was **Ratified by the Technical Council**. As per enclosed **Annex – ‘VIII’**.
- B) As proposed by the Board of Studies of the Department of Management the courses for French & German Languages in UG & PG programmes to be started from the coming session. After due deliberations the **Council approved** the same. As per enclosed **Annex – ‘IX’**

### 2. Department of Chemical & Polymer Engineering

After due deliberations the **Technical Council deferred** the proposal of course structure for M.E. (Chemical Engineering) Programme of Department of Chemical & Polymer Engg. for the next session 2013-14.

## 88.04C. MBA and M. Tech. (CS) at BIT, Allahabad Campus

After due deliberations the **Council ratified** the matter related to starting of new two courses of MBA and M. Tech. (CS) at BIT Allahabad Campus. [Approved during the Dean & Directors meeting held on 27<sup>th</sup> January 2013 at BIT, Mesra]

## 88.04D. Renaming of programme - Dept. of Applied Physics

The Board of Studies and the Head of the Department of Applied Physics is of opinion that **M. Tech in Nano Science & Nano Technology (NSNT)** was not available in drop down menu of new courses in AICTE Portal. The similar course name **M. Tech. in Nano Science & Technology (NST)** was **available in** drop down menu. Hence the current programme **M. Tech. in Nano Science & Nano Technology (NSNT)** may be renamed as **M. Tech. in Nano Science & Technology (NST)** without changing its syllabi or course structure and course codes (**TNT**). The **Council accorded its approval**.

## 88.05A. Exit Option of BE (Bio-Technology) at BITIC, Muscat

Based on the proposal of the Director, BITIC, Muscat and recommended by the PGPEC, the reasonable number of students in Biotechnology as have been sponsored by the Ministry of Higher Education, Oman and that several of these students may like to opt for an exit after 2 years of study, a provision needs to be made for granting of Diploma after 4 semesters and Advanced Diploma after completion of 6 semesters, as earlier has been done in other two programmes i.e. (a) Computer Science & Engg. and (b) Electronics & Communications. The **Technical Council approved** the same.

## 88.05B. Modifications in course structure of 3<sup>rd</sup> Semester – Chemical & Polymer Engg.

The Board of Studies and the Head of the Dept. of Chemical & Polymer Engg. proposed minor modifications in course structure of 3<sup>rd</sup> Semester BE (Chemical Engineering) and BE (Chemical & Polymer Engg.) courses. After due deliberations the **Council approved** the same.

Existing Course	Approved Course
CL 3007 Strength of Materials	ME 3005 Mechanics of Solids
CL 3002 Strength of Materials Laboratory	ME 3004 Mechanics of Solids Laboratory

[As per enclosed **Annexure ‘X’**]

### 88.05C. Proposal from UGPEC

The UGPEC has submitted its proposal on the following issues duly approved by them. The approval of the Technical Council is solicited.

1. Based on the recommendations of UGPEC for Minor changes in the course structure in IV, V, and VI Semesters of B.E. (Mechanical Engineering) programme. Non-conventional Energy has been shifted from VI Semester to IV Semester, Design of Machine Elements has been shifted from IV Semester to V Semester, and Design of Mechanical System has been shifted from V Semester to VI Semester. The **Council approved** the same subject to submission of Course code. Revised course structure of B.E. (Mechanical Engineering) programme is enclosed as **Annexure 'XI'**.
2. Based on the recommendations of UGPEC, for Course content of IV Semester of IMBA programme of Dept. of Management. The **Council accorded** its **approval** The course content of IV Semester of IMBA programme is enclosed as **Annexure 'XII'**.
3. Based on the recommendations of UGPEC, for Course content of French and German Languages for UG programme of Department of Management. The **Technical Council approved** the same. The course content of French and German Languages for UG programme is enclosed as **Annexure 'XIII'**.
4. Based on the recommendations of UGPEC, for Modification of credit for CS-1302 : Fundamentals of Unix and C Programming for B.Arch. programme of Department of Architecture. Further, the Department submitted minor changes in the course structure for B.Arch. programme. After due deliberations was **approved** by the **Technical Council**. The revised course structure for B.Arch. programme is attached as **Annexure 'XIV'**.
5. Based on the recommendations of UGPEC for some modification in the eligibility criteria for admission in B.H.M.C.T. programme. The eligibility criteria are in line with the norms of National Council for Hotel Management and Catering Technology and it is expected that the admission in B.H.M.C.T. programme would improve. The **Technical Council approved** the same. The eligibility criteria for admission in B.H.M.C.T. programme is attached as **Annexure 'XV'**.
6. Based on the recommendations of UGPEC for course contents of V and VI semesters of Integrated M.Sc (Mathematics and Computing) programme for Department of Applied Mathematics. After due deliberations the **Technical Council deferred** the same.
7. Based on the recommendations of UGPEC for issue of five year integrated programmes It may please be noted that as per the current practice, the first three years of integrated programmes is treated as a U.G programme and the last two years would be treated as a PG programme. It may also be noted that there are different ordinances for UG and PG programmes. For example, C grade is a pass in UG programme but it is a fail in PG programme. It is proposed that the ordinances for five year integrated programmes should be separate and the issues related to five year integrated programmes should come under the ambit of PGPEC and Dean (PGR). The **Technical Council deferred** the same.

### 88.05D. The following agenda are being put up in the Technical Council for deliberation and approval as the UGPEC has been dissolved.

1. From 2011 batch and onwards, 15 % marks in a theory course has been kept as the internal assessment. The concerned teacher is required to announce in the class the details of assessment for 15 % marks of that theory course. It is proposed that for earlier batches also, the same should be implemented. After due deliberations the **Technical Council deferred** the matter.
2. The Department of Management has submitted the proposal of Bachelor of Health Care Management. After due deliberations the **Council deferred** the matter.
3. Currently, the students are permitted to register for a maximum of four courses during summer short semester. It is proposed that this limit be removed for those courses in which the student has obtained D or F grade. However, this

limit should be there when the course is unregistered or the student had shortage of attendance (F\* grade). The matter was **deferred** by the **Council** after due deliberations.

4. As proposed by the Board of Studies of the Department of Hotel Management the revised course structures for BHMCT programme. The **Council** go through the same and **accorded** its **approval**. The revised course structure is enclosed as **Annexure 'XVI'**.
5. The Board of Studies for B.Sc. (Animation and Multimedia) programme at NOIDA and Jaipur Campus were **approved** by the **Council**. (Annexed in Board of Studies).
6. The proposal of permission for appear in summer short semester for NC students were considered and **approved** by the **Technical Council**.
7. As proposed by the Head, Department of Information Technology for minor changes in the credit distribution for III Semester of B.E. (IT) programme. IT 3023 : Java Programming has been assigned 3 credits and EC 3201 : Digital Electronics has been assigned 4 credits. The **Technical Council** **approved** the same.
8. The Head, Department of Civil Engineering has forwarded a request by a student to grant best project award to final year UG students. The matter was deliberated and the **Council** **deferred** the matter.

#### 88.05E. B. Com. at BITIC, RAK (UAE)

Dean (Admission & Acad. Co-ordination), has proposed course structure and syllabus for B.Com. Programme at BIT International Centre, Ras-Al-Khaimah, (UAE). The **Technical Council** noted, this was a reporting item only.

#### 88.06. Approval of Results

The **Council** considered the recommendations of Exam Committees and **approved** the same. Summary of the result is enclosed in **Annexure 'XVII'**

The meeting ended with vote of thanks to the chair.

  
8/06/13  
Registrar & Secretary  
Technical Council

Date: 8<sup>th</sup> June, 2013