



BIRLA INSTITUTE OF TECHNOLOGY

(Deemed University u/s 3 of UGC Act 1956)

Mesra, Ranchi- 835215

MINUTES

for

Meeting of the 96th Academic Council
held on 18th March 2016 at 03.30 PM
in the Institute Conference Room

96.01. 96th Academic Council Meeting was held on 18th March 2016 in the Institute Conference Room. The meeting was chaired by the Vice Chancellor. The list of members who attended the meeting is enclosed as **Annexure-I**.

96.02. Confirmation

Minutes of the 95th Meeting of the Academic Council held on 6th October 2015 was confirmed.

96.03A. Reporting Items

Based on the recommendations of DC and DAC/AC the following routine activities of the Ph.D. candidates which had been reported in the Academic Council meeting and were **approved** by the members of the Council is attached as **Annexure – II**.

1. Registration, formation of Doctoral Committee	:	[22 candidates]
2. Pre-Ph.D. Qualifying Papers	:	[14 candidates]
3. Change / Modification in the Ph.D. Thesis Title	:	[9 candidates]
4. Re-constitution of Doctoral Committee	:	[19 candidates]
5. Addition /Change of Guide of	:	[12 candidates]
6. Permission for Re-registration in the Ph.D. programme	:	[12 candidates]
7. De-registration from the Ph.D. programme	:	[11 candidates]
8. Transfer from Part Time to Full Time	:	[3 candidates]
9. Transfer from Full Time to Part Time	:	[15 candidates]

96.03B. Re-constitution of Departmental Academic Committee / Academic Committee

The following Departmental Academic Committee as proposed by the Head of the Departments were **approved** by the **Academic Council**.

Department: REMOTE SENSING			
Existing Academic Committee			
Sl. No.	Name of Member	Department	Designation (DAC/AC)
1	HOD/In-Charge	Remote Sensing	Chairman (Ex-Officio)
2	Dr. A. P. Krishna	Remote Sensing	Member
3	Dr. C. Jeganathan	Remote Sensing	Member

4	Dr. N. Patel	Remote Sensing	Member
5	Dr. V. S. Rathore	Remote Sensing	Member
6	Dr. Mili Ghosh	Remote Sensing	Member
7	Dr. Abhishek Santra	Remote Sensing	Member

External Members			
8	Dr. G. Sahoo, Professor,	Department of CSE	Member
9	Dr. S. Jha, Professor	Department of Pharmaceutical Sc. & Technology	Member
10	Guide(s) of the Candidate		

Approved Committee				
Internal Member				Reason for Change
Sl. No.	Name	Departments	Designation	
1	HOD/In-Charge	Remote Sensing	Chairman (Ex-Officio)	
2	Dr. A. P. Krishna	Remote Sensing	Member	
3	Dr. C. Jeganathan	Remote Sensing	Member	
4	Dr. N. Patel	Remote Sensing	Member	
5	Dr. V. S. Rathore	Remote Sensing	Member	
6	Dr. Mili Ghosh	Remote Sensing	Member	

External Member			
Sl. No.	Name of Member	Department	Designation,
1	Dr. A. K. Sinha, Professor,	Department of CEE	Member
2	Dr. D. J. Biswas, Professor,	Department of Architecture	Member

Department of Pharmaceutical Sciences and Technology			
Existing Academic Committee			
Sl. No.	Name of Member	Department	Designation (DAC/AC)
1	HOD/In-Charge	Pharm. Sciences & Technology	Chairman (Ex-Officio)
2	Dr. D. Sasmal	Pharm. Sciences & Technology	Member
3	Dr. P.R.P. Verma	Pharm. Sciences & Technology	Member
4	Dr. B.N. Sinha	Pharm. Sciences & Technology	Member
5	Dr. S. Samanta	Pharm. Sciences & Technology	Member
6	Dr. S.Jha	Pharm. Sciences & Technology	Member
7	Dr. R.N. Gupta	Pharm. Sciences & Technology	Member
8	Dr. K. Jayaram Kumar	Pharm. Sciences & Technology	Member
9	Dr. (Mrs.) P.Mitra Mazumder	Pharm. Sciences & Technology	Member
10	Dr. (Mrs.) S.M. Verma	Pharm. Sciences & Technology	Member
11	Dr. (Mrs.) Usha Jha	Chemistry	Member
12	Dr. Kunal Mukhopadhyay	Bio Engg.	Member
13	Guide(s) of the Candidate		Member

Approved Academic Committee				
Sl. No.	Name of Member	Department	Designation (DAC/AC)	Reason for Change
1	HOD/In-Charge	Pharm. Sciences & Technology	Member	Dr. S. Ganguly was promoted to the position of Professor
2	Dr. P.R.P. Verma	Pharm. Sciences & Technology	Member	
3	Dr. B.N. Sinha	Pharm. Sciences & Technology	Member	
4	Dr. S. Samanta	Pharm. Sciences & Technology	Member	
5	Dr. S.Jha	Pharm. Sciences & Technology	Member	
6	Dr. R.N. Gupta	Pharm. Sciences & Technology	Member	
7	Dr. (Ms.) S. Ganguly	Pharm. Sciences & Technology	Member	
8	Dr. Venkatesan J.	Pharm. Sciences & Technology	Member	
9	Dr. Manik	Pharm. Sciences & Technology	Member	
10	Dr. Abhimanyu Dev	Pharm. Sciences & Technology	Member	
11	Dr. (Mrs.) Trishna Bal	Pharm. Sciences & Technology	Member	
12	Dr. (Mrs.) Anima Pandey	Pharm. Sciences & Technology	Member	
13	Dr. (Mrs.) Usha Jha	Chemistry	Member	
14	Dr. Kunal Mukhopadhyay	Bio Engg.	Member	
15	Guide(s) of the Candidate		Member	

96.03B. Re-constitution of Board of Studies

Head of the Department of Mechanical Engineering proposed the reconstitution of Board of Studies were approved by the Academic Council.

Department : Mechanical Engineering, BIT Mesra

Existing Committee			
Internal Member			
Sl. No.	Name	Department	Designation
1	HOD (Mechanical Engg.)	Mechanical Engg.	Chairman (Ex-Officio)
2	Dr. S. Kumar	Production Engg.	Member
3	Dr. A.K. Chatterjee	Space Engg. & Rocketry	Member
4	Dr. A.N. Sinha	Civil	Member
5	Dr. K.K. Srivastava	Mechanical	Member
6	Prof. P.K Choudhary	Mechanical	Member
7	Dr. Arbind Kumar I	Mechanical	Member
External Members (any two):			
1.	Dr. S.K. Agrawal	Professor in Mech. Engg. MNIT, Allahabad	Member
2.	Dr. B.N. Prasad	Professor in Mech. Engg. NIT, Jamshedpur	Member

3.	Dr. Jyotirmoy Saha	Professor in Mechanical Engg., Jadavpur University, Jadavpur Kolkata.	Member
4.	Sri A.P. Mishra	G.M., Larsen & Toubro Kansbahal, Rourkela	Member

Approved Committee

Internal Member				
Sl. No.	Name of Member	Department	Designation	Reason for Change
1	HOD (Mechanical Engg.)	Mechanical Engg.	Chairman (Ex-Officio)	
2	Dr. Arbind Kumar I	Mechanical Engg.	Member	
3	Dr. Arbind Kumar II	Mechanical Engg.	Member	
4	Prof. A.K. Ray	Mechanical Engg.	Member	
5	Dr. R.P. Sharma	Mechanical Engg.	Member	
6	Dr. A.K. Roy	Mechanical Engg.	Member	
7	Dr. Rajeev Kumar	Mechanical Engg.	Member	
8	Dr. Praveen Mishra	Mechanical Engg.	Member	
9	Dr. Dhaneshwar Mahto	Mechanical Engg.	Member	
10	Dr. Sudip Das	Space Engg. & Rocketry	Member	
11	Dr. Vijay Pandey		Member	

External Member (Any two)			
Sl. No.	Name of Member	Institute/Company, Full Address	Designation
1	Dr. Sibnath Maity	Chief Scientist, Head, Technology Innovation Centre Central Mechanical Engineering Research Institute (CMERI) M.G. Road, Durgapur West Bengal Mobile: 09434710952 Email: drsnmaity@yahoo.com	Member
2	Mr. Satish Kumar Gupta	Sr. Manager MECON Limited, Ranchi Mobile: 9470590397 Email: satish.gupta13e@gmail.com	Member

3	Mr. Rakesh Kumar Singh	GM, Bar Mill JSPL, Patratu, Ranchi Mobile: 9771437567 Email: rakeshsingh@pat.jspl.com	Member
4	Mr. Prabhas Kumar	DGM (HOD, Energy Conservation) RDCIS, SAIL, Ranchi Mobile: 8986880120 Email: kumar_prabhas@yahoo.com pk@sail-rdcis.com	Member
5	Dr. Bharat Bhusan	GM (Process and Technology) Tata Consulting Engineers Ltd. Jamshedpur Mobile: 9910305458 Email: bharatb@tce.co.in	Member
6.	Dr. Shine S.R.	Department of Aerospace Engg. Indian Institute of Space Science & Technology (IIST) Trivandrum, ISRO, Kerala Emai: shine@iist.ac.in , Phone: 0471- 2568427	

96.03C. Ph. D. Viva-Voce

The Academic Council considered the recommendations of the respective Viva-voce Boards of the following Ph.D. Scholars and **approved** for the award of Ph.D. to them provisionally

Sl. No.	Name / Roll No.	Name of Guide / Co-Guide/ Int. Guide/Ext.Guide	Subject / Ph. D. Degree
1.	Ms. Neha Panjiar Roll No.Ph.D/29/09	Guide: Dr. Ashish Sachan Co-guide: Dr. Shashwati Ghosh Sachan	“Microbial production of bio-emulsifier and their role in bioremediation of oil spills and oil contaminated sites” (Technology)
2	Mr. Vijay Kant Pandey Roll No.Ph.D/BT/1006/09	Guide: Guide: Dr. Ramesh Chandra)	“Process Development for Production of N-glycosylation Enzymes from Moss Bryum coronatum Schwaegr” (Science)
3.	Ms. Surabhi Singh Roll No.Ph.D/BT/1008/11	Guide: Dr. Ashish Sachan Co-guide: Dr. V.K. Nigam	“Microbial production and characterization of ferulic acid esterase” (Science)
4.	Mr. Mohan Kasula Roll No.Ph.D/04/10	Guide: Dr. Ashoke Sharon, Co- Guide: Dr. Chandralata Bal	“Synthesis of Cyclopentene Analogs as Pseudo Nucleotides for Antiviral Activity” (Science)

5.	Ms. Shalini Singh Roll No.Ph.D/33/09	Guide: Dr. Bhaskar Karn	“Impact of right to information in Information seeking and information delivery mechanism in the state of Jharkhand” (Science)
6.	Mr. M.R. Narayanan Roll No.Ph.D/68/06	Int. Guide: Dr. Mahesh Chandra, Ext-Guide: Dr. D. Pal, Ext. Guide (2) : Dr. Hasan A. Al-Nashash	“Performance Improvement and Parameter Optimization of SOI MOSFET Devices” (Engineering)
7.	Mr. Arun Kumar Dwivedi Roll No.Ph.D/157/09	Int. Guide: Dr. Sanjay Kumar, Ext.Guide: Dr. Manoj Kumar	“Characterization of Atmospheric Surface Layer Parameters during Lightning Conditions” (Technology)
8.	Mr. Shashi Kumar Roll No. Ph.D/AM/1052/11	Guide: Dr. Swapan Kumar Chakraborty	“Action Monitoring of Health of Structural Buildings Due to Earthquake Excitation” (Science)
9.	Mr. Salil Jandyal Roll No.Ph.D/97/10	Int. Guide: Dr. Manju Bhagat, Ext. Guide: Dr. Pradip Manjrekar	“Evaluation of the Effectiveness of Training Programmes in the field of Disability Rehabilitation” (Management)
10.	Mrs. Shraddha Prasad Roll No. Ph.D/52/09	Int. Guide: Dr. Ram Krishna Sarkar, Ext.Guide: Dr. S. Medhekar	“Investigation of Optical Beam Propagation in Nonlinear Media: Spatial Soliton Formation and Their Interaction for All-Optical Devices” (Science)

96.04A. Revised Syllabus for M. Tech. Civil & Environmental Engg.

As proposed by the Board of Studies of Department of Civil & Environmental Engineering the revised Syllabus for M.Tech (Env. Sc. & Engg.). Programme for the ensuing session were **approved** by the. **Academic Council**. Detail as per Annexure-PG 1.

Enclosed **Annexure PG-1**

96.04B. Revision in Subject TIT2117: Software Metrics / Dept. of Computer Science & Engg.

As proposed by the Board of Studies of Department of Computer Science & Engineering the revision of subject TIT 2117 Software Metrics for the 2016-17 session have been **approved** by the **Academic Council**. Detail as per Annexure-PG 2 enclosed.

Enclosed **Annexure PG-2**

96.04C. Recommendation for new papers for Ph.D. Course work in Animation & Multimedia discipline at BIT Extension Centre, Jaipur

As proposed by the Director BIT Extension centre, Jaipur the new papers for Ph.D. Course work in Animation & Multimedia discipline were deferred back by the **Academic Council** for its next meeting.

96.05. Modification of Degree Certificate

As proposed by the Director, WCAS Muscat for minor modification in the Degree Certificate being issued from BITIC, Muscat incorporating Name of the College and Place of Study After due deliberations the matter was deferred back by the **Academic Council**.

96.06 Admission Related matters:

- a) In view of the UGC guidelines on limitation of establishment of the Extension Centres by the Deemed Universities, the Academic Council of the Institute approved that the BIT Extension Centres Allahabad and Kolkata be closed and suggested to merge BIT Extension Centre, Allahabad with BIT Extension Centre Patna and BIT Extension Kolkata with BIT Extension Centre, Lalpur with immediate effect. Consequently, no further admission shall be made at BIT Extension Centres, Allahabad and Kolkata from the Academic Session 2016-17.
- b) Based on recommendation of the Admission Committee of the Institute, the closure of the following undergraduate and postgraduate programmes at Mesra (Main Campus) and its Extension Centres has been approved by the Academic Council of the Institute from the academic session 2016-17.

Sr. No.	Programme	Centre
1.	B.E. Polymer Engineering	Mesra (Main Campus)
2.	B.E. Geo-informatics	Mesra (Main Campus)
3.	M.E. Polymer Engineering	Mesra (Main Campus)
4.	M.E. Mechanical Engineering	Mesra (Main Campus)
5.	M.E. Computer Aided Analysis Design (CAAD)	Mesra (Main Campus)
6.	M.E. Quality Engineering & Management	Mesra (Main Campus)
7.	M.Tech. Information Science & Technology	Mesra (Main Campus)
8.	M.Tech Scientific Computing	Mesra (Main Campus)
9.	M.Tech. New Material & Processing Technology	Mesra (Main Campus)
10.	M.Tech Nano Science & Technology	Mesra (Main Campus)
11.	M.Tech Fuels & Combustion	Mesra (Main Campus)
12.	MS Clinical Research & Pharmacovigilance	Mesra (Main Campus)
13.	PG Diploma in Bio-analytical Techniques	Mesra (Main Campus)
14.	PG Diploma in Clinical Research	Mesra (Main Campus)
15.	M.Sc. Bio-informatics	Mesra (Main Campus)
16.	M.Sc. Bio-Medical Instrumentation	Mesra (Main Campus)
17.	M.Sc. Food Technology	Mesra (Main Campus)

18.	Master of Business Administration (MBA)	Extension Centre, Jaipur
19.	Master of Business Administration (MBA)	Extension Centre, Patna
20.	B.Tech. Architecture & Interior Decoration	Extension Centre, Patna
21.	M.Sc. Information Technology	Extension Centre, Lalpur
22.	M.Tech Computer Science & Engineering	Extension Centre, Noida

d) The Academic Council of the Institute also approved the following:

- increase in intakes from 40 to 80 for Bachelor of Business Administration (BBA) programme at BIT Extension Centre, Patna.
- Minimum percentage of marks required in the qualifying examination for M.E., M.Tech, M.Pharm, MUP, MCA and M.Sc. programmes from the academic session 2016-17, as follows:
 - i. General / Sponsored candidates should have minimum 55 % marks in the qualifying examination.

SC/ST candidates should have minimum 50% marks in the qualifying examination.

96.07. Continuous Evaluation and Relative Grading system

The above proposal was submitted by Dr. B.K. Mishra, Dean (SW). The Council is of opinion that one Committee has to be formed immediately to go through the same and recommend accordingly.

The meeting ended with vote of Thanks to the Chair

(A. P. Krishna)
Registrar & Secretary
Academic Council

Dated: 8th April 2016.