

BIRLA INSTITUTE OF TECHNOLOGY
(Deemed University u/s 3 of UGC Act 1956)
Mesra, Ranchi- 835215

MINUTES

for
Meeting of the 94th Academic Council
held on 29th April, 2015 At 3:30 PM
in the Institute Conference Room

94.01. 94th Academic Council Meeting was held on 29th of April 2015 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**.

94.02. Confirmation:

Minutes of the 92nd and 93rd Academic Council Meeting held on 14th November, 2014 and 12th January, 2015 respectively were confirmed.

94.03A. Ph.D Regulations 2015

The **Academic Council approved** the revision / amendment of some points/rules in the Ph.D.

Regulations of the Institute as recommended by the Ph.D. Regulation Committee is attached as **Annexure-II**.

94.03B. Reporting Items related to routine activities for the Ph.D. Programme.

Based on the recommendations of DC and DAC/AC, Dean (AP) had approved 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-III**.

1. Registration and formation of Doctoral Committee.	{48 Candidates}
2. Pre-Ph.D Qualifying Papers.	{53 Candidates}
3. Exemption from M.Phil.	{01 Candidate}
4. Reconstitution of Doctoral Committee.	{34 Candidates}
5. Change/Modification in the Ph.D. Thesis Title.	{20 Candidates}
6. Addition / Change of Guide.	{12 Candidates}
7. Permission for Re-Registration in the Ph.D.	{06 Candidates}
8. De-Registration from the Ph.D. Programme.	{39 Candidates}
9. Transfer from Full Time to Part Time /Part Time to Full Time Ph.D. Programme	{07 Candidates}

94.03C. Re-Structuring of Departmental Academic Committee

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

1. Department of Space Engg. & Rocketry

Existing Academic Committee			
Sl. No.	Name of Member	Designation (DAC/AC)	
1	HOD/In-Charge	Chairman (Ex-Officio)	
2	Dr. J. K. Prasad	Professor	
3	Dr. P. C. Joshi	Professor	
4	Dr. Sudip Das	Assoc. Professor	
5	Dr. S. Karmakar	Asst. Professor	
6	Dr. Arbind Kumar-I	Professor	
7	Dr. Usha Jha	Professor	
8	Guide(s) of the Candidate		
Proposed Academic Committee			Reason for Change
Sl. No.	Name of Member	Designation (DAC/AC)	
1	HOD/In-Charge	Chairman (Ex-Officio)	Joining of Faculty in the Department/ Transfer of faculty
2	Dr. P. C. Joshi	Professor	
3	Dr. Mohan Varma	Professor	
4	Dr. Partha Mondal	Asst. Professor	
5	Dr. Rajiv Kumar	Asst. Professor	
6	Dr. Arbind Kumar-I	Professor	
7	Dr. Usha Jha	Professor	
8	Guide(s) of the Candidate		

2. Department of Bio-Engineering

Existing Academic Committee		
Sl. No.	Name of Member	Designation (DAC/AC)
1	HOD, Bio Engg.	Chairman (Ex-Officio)
2	Dr. K. Mukhopadhyay, Prof., Bio-Engineering	Member
3	Dr. R. Chandra, Assoc. Prof., Bio-Engineering	Member
4	Dr. D. M. Pandey, Assoc. Prof., Bio-Engineering	Member
5	Dr. Manish Kumar, Asst. Prof., Bio-Engineering	Member
6	Dr. Raju Poddar, Asst. Prof., Bio-Engineering	Member
7	Dr. Ashish Sachan, Asst. Prof., Bio-Engineering	Member
8	Dr. S. Chandra, Asst. Prof., Bio-Engineering	Member
9	Dr. Usha Jha, Prof., Chemistry	Member
10	Dr. S. Jha, Prof., Pharmaceutical Sciences & Tech.	Member
11	Guide(s) of the Candidate	Member

Proposed Academic Committee			Reason for Change
Sl. No.	Name of Member	Designation (DAC/AC)	
1	HOD, Bio Engineering	Chairman (Ex-Officio)	
2	Dr. K. Mukhopadhyay, Prof., Bio-Engineering	Member	
3	Dr. P. Padmanabhan, Prof., Bio-Engineering	Member	New Member
4	Dr. R. Chandra, Assoc. Prof., Bio-Engineering	Member	
5	Dr. D. M. Pandey, Assoc. Prof., Bio-Engineering	Member	
6	Dr. Manish Kumar, Asst. Prof., Bio-Engineering	Member	
7	Dr. Raju Poddar, Asst. Prof., Bio-Engineering	Member	
8	Dr. Ashish Sachan, Asst. Prof., Bio-Engineering	Member	
9	Dr. S. Chandra, Asst. Prof., Bio-Engineering	Member	
10	Dr. Usha Jha, Prof., Chemistry	Member	
11	Dr. S. Jha, Prof., Pharmaceutical Sciences & Tech.	Member	
12	Guide(s) of the Candidate	Member	

94.03D. Reconstitution of Board of Studies

Head, Department of Space Engineering & Rocketry proposed the reconstitution of the Board of Studies. The Academic Council approved the same as under.

Existing Committee		
Internal Member		
Sl. No.	Name of Member	Designation
1	HOD/In-Charge	Chairman (Ex-Officio)
2	Dr. J. K. Prasad	Professor
3	Dr. P. C. Joshi	Professor
4	Dr. Sudip Das	Assoc. Professor
5	Dr. S. Karmakar	Asst. Professor
6	Prof. Priyank Kumar	Asst. Professor
7	Dr. Arbind Kumar	Professor
8	Dr. B. K. Singh	Professor

External Member	
Sl.No.	Name of Member, Designation, Institute/Company, Full Address
1	Dr. Navtej Singh, Professor IIT, Kharagpur
2	Dr. B. Mazumdar, Professor, Jadavpur University, Kolkata
3	Dr. A. K. Chakrabarti, Ex Director, DRDL, Hyderabad
4	Sri M.C. Dathan, Director, LPSC, Valiamala, Trivandrum

Proposed Committee		
Internal Member		
Sl. No.	Name	Designation
1	HOD/In-Charge	Chairman (Ex-Officio)
2	Dr. P. C. Joshi	Professor
3	Dr. Mohan Varma	Professor
4	Dr. Sudip Das	Assoc. Professor
5	Prof. Priyank Kumar	Asst. Professor
6	Dr. Rajiv Kumar	Asst. Professor
7	Dr. Arbind Kumar	Professor
8	Dr. B. K. Singh	Professor

External Member	
Sl. No.	Name of Member, Designation, Institute/Company, Full Address
1	Dr. Navtej Singh, Professor IIT, Kharagpur
2	Dr. B. Mazumdar, Professor, Jadavpur University, Kolkata
3	Dr. Subhash Chandran, Programme Director, DRDL, Hyderabad
4	Sri M.C. Dathan, Director, VSSC, Trivandrum
5	Dr. S. R. Chakraborty, Professor, Dept. Of Aerospace Engg., IIT Madras

94.03E. Permission for guiding Ph. D. Scholar

After due deliberations the Council permitted Dr. C. Jeganathan, Professor, Department of Remote Sensing to guide one candidate (in his field) at Galgotia University, Gautam Budh Nagar, Uttar Pradesh. The details of the candidate are as under:

Candidate's Name: Shahana K.

Enrollment Number: 1312301002 [Galgotia University]

Details of Guides :

1st Supervisor: Dr. Subhajit Ghosh, Dept. of CSE, Galgotia University, GB Nagar (U.P.)

2nd Supervisor: Dr. C. Jeganathan, Professor, Dept. of Remote Sensing, BIT, Mesra,

94.03F. PH.D. VIVA-VOCE

The Academic 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.

S. N.	Name of the Scholar	Guide/Co-guide/Ext. Guide	Subject / Ph.D. Degree
1.	Mr. A. Sadasivam [Roll No. PhD/11/07]	a) Dr. K.A. Goel - Guide b) -	“Analytical overview of customer behaviour pertaining to mid size cars in Oman” (Management)
2.	Mr. Rahul [Roll No. PhD/06/10]	a) Dr. Usha Jha - Guide b) Dr. S. Mishra - Co-guide	“Synthesis, characterization and flocculation studies of Inulin derivatives” (Science)
3.	Mr. Shashi Bhushan Singh [Roll No. Ph.D/10/09]	a) Dr. Soubhik Chakraborty - Guide b) Dr. K.M. Jha – Co-guide	“Therapeutic Aspects of some North Indian Ragas : A Statistical Study of RIMS Patients” (Science)
4.	.Mr. Chiranjib Banerjee [Roll No. Ph.D/134/09]	a) Dr. Rajib Bandopadhyay - Guide b) Dr. Pratyooosh Shukla - Co-guide	“Molecular Characterization and (Science)

5.	Mr. Upendra Kumar [Roll No. Ph.D/13/09]	a) Dr. B.K. Mishra - Guide b) Dr. G. Sahoo - Co-guide	“Defending against Viruses and Worms in Computer Network” (Engineering)
6.	Mr. Jawed Iqbal [Roll No. Ph.D/65/09].	a) Dr. Amit Kumar Gorai - Guide b) Dr. Gopal Pathak - Co-guide	“Prediction of Groundwater Vulnerability to Pollution using Fuzzy Technique” (Technology)
7.	Mrs. Madhumita Singha (Neogi) [Roll No. Ph.D/84/06]	a) Dr. V. Bhattacharjee - Int. Guide b) Dr. R. Mahanta - Ext. guide	“Framework for a Hybrid Software Development Model” (Technology)
8.	Mrs. Anupam Sharma [Roll No. Ph.D/64/05]	a) Dr. V. Bhattacharjee - Int. Guide b) Dr. A.M. Agarwal - Ext. guide	“Customer Perception and Emergence of Store Retailing in the New and Challenging Marketing Environment” (Management)
9.	Mr. Partha Paul [Roll No. Ph.D/32/05]	a) Dr. S.K. Ghorai - Guide b) -	“Study on Traffic Grooming in All-Optical WDM Networks in Presence of Wavelength Conversion” (Engineering)
10.	Mr. Shakti Deep Pachauri [Roll No. Ph.D/108/09]	a) Dr. P.R.P. Verma - Int. Guide b) Dr. Anil Kumar Dwivedi - Ext. guide	“Phytopharmaceutical Evaluation of <i>Morinda citrifolia</i> L. (NONI) and Development of Herbal Formulation” (Pharmaceutical Sciences & Technology)
11.	Mr. S.N. Singh [Roll No. Ph.D/14/02]	a) Dr. A.M. Agrawal - Guide b) -	“A Study of Influencing Factors in Management of Technology in India with Special Reference to Rolling Mill Technology in Integrated Steel Plants” (Management)

12.	Mrs. Kavita Gahlot [Roll No. Ph.D/05/08]	a) Dr. S. Jha - Int. Guide b) Dr. V.K. Lal - Ext. guide	“Pharmacognostic and Pharmacological Evaluation of <i>Flamingia</i> species of Uttrakhand” (Pharmaceutical Sciences & Technology)
13.	Mr. Dhananjay Kumar [Roll No. Ph.D/BT/1057/10]	a) Dr. Kunal Mukhopadhyay - Guide b) Dr. Manish Kumar - Co- guide	“Study of WRKY transcription factors and miRNAs for analysis of defense response in wheat during leaf rust infection” (Science)
14.	Mr. Tuniki Balaraju [Roll No. Ph.D/03/10]	a) Dr. A. Sharon - Guide b) Dr. C. Bal - Co- guide	“In-silico design & synthesis of non-nucleoside analogs as possible anti-HCV agent” (Science)
15.	Mr. Atala Bihari Panda [Roll No. Ph.D/54/09]	a) Dr. I. Banerjee - Guide b) Dr. P.K. Barhai - Co- guide	“Study of Bacterial efficiency and plasma process parameters of Nanostructured TiO ₂ thin films developed by RF magnetron sputtering” (Science)
16.	Mr. Vijay Kumar Roll No. Ph.D/133/09]	a) Dr. Sheela Chandra - Guide b) Dr. R. Bandopadhyay - Co- guide	“ <i>In vitro</i> studies and <i>Agrobacterium rhizogenes</i> mediated transformation of <i>Swertia chirayita</i> for conservation and secondary metabolite production” (Science)
17.	Mr. Srinivas Karampuri [Roll No. Ph.D/AC/1053/10]	a) Dr. A. Sharon - Guide b) Dr. C. Bal - Co- guide	“In-silico assisted design & synthesis of pyran analogs as possible antiviral agents” (Science)

18.	Mr. Prashant Kumar [Roll No. Ph.D/AM/1051/10]	a) Dr. S.K. Chakraborty - Guide b) -	“Response Analysis of Seismic Waves by the Interaction of Obstacles in Earthquake Scenario” (Technology)
19.	Mrs. Satarupa Pattanayak [Roll No. Ph.D/06/10]	a) Dr. Amiya Priyam - Guide b) -	“Tunable Plasmonic Nanoparticles; Synthesis, Characterization and Applications in Surface Enhanced Raman Spectroscopy” (Science)
20.	Mr. Subham Banerjee [Roll No. Ph.D/PH/1003/11]	a) Dr. Animesh Ghosh - Int. Guide b) Dr. P. Chattopadhyay - Ext. guide	“Fabrication and Assessment of Prophylactic Transdermal Patch against Acetyl Choline Agonist Neurotoxin” (Pharmaceutical Sciences & Technology)
21.	Mr. Pushpendra Kumar [Roll No. Ph.D/PH/78/10]	a) Dr. S. Jha - Guide b) -	“Standardization of an Ayurvedic Formulation: Shatavaryadi Churna” (Pharmaceutical Sciences & Technology)
22.	Mr. Sachin Singh [Roll No. Ph.D/14/09]	a) Dr. T. Ghose - Guide b) -	“Optimal Planning of Distribution Network by Bacterial Foraging Technique and Direct Approach” (Engineering)
23.	Mr. Kalyan Kumar Sethi [Roll No. Ph.D/PH/1001/11]	a) Dr. S.M. Verma - Guide b) -	“Design, Synthesis and Pharmacological Evaluation of Some Human Carbonic Anhydrase Inhibitors” (Pharmaceutical Sciences & Technology)
24.	Mr. Aadesh Upadhyay [Roll No. Ph.D/PH/1002/11]	a) Dr. (Mrs.) P. Mitra Mazumder - Int. Guide b) Dr. P. Chattopadhyay - Ext. guide c) Dr. D. Goyary - Ext. Co-Guide	“Development of Herbal based Compound Formulation for wound closure, healing in battle field Instant injury” (Pharmaceutical Sciences & Technology)

25.	Ms. Radha Shekar [Roll No. Ph.D/PH/110/09]	a) Dr. B.N. Sinha - Int. Guide b) Dr. Animesh Mukherjee - Ext. guide	“Chiral Method Development for a New Anti-tubercular compound and Studies on Enantiospecific Anti tubercular Activity” (Pharmaceutical Sciences & Technology)
26.	Ms. Sambita Sahoo [Roll No. Ph.D/126/09]	a) Dr. P.K. Barhai - Guide b) -	“Study of diamond like carbon films deposited by MW/RF PACVD” (Science)
27.	Mrs. Syeda Asma Fatima [Roll No. Ph.D/17/08]	a) Dr. B.K. Mishra - Guide b) Dr. Manju Bhagat - Co- guide	“Comparative Assessment of Accreditation on Information System Management” (Management)
28.	Mr. Syed Jaleeluddin Hyder [Roll No. Ph.D/18/08]	a) Dr. B.K. Mishra - Guide b) Dr. Manju Bhagat - Co- guide	“Comparative Assessment of Accreditation on Human Resource Management” (Management)

94.04A. Introduction of New Course : Master of Engineering (VLSI/Wireless Communication) at PG Level at Muscat

The proposal was submitted by Muscat Off-shore campus (WCAS) for approval of Academic Council.

The proposal is in process to get clearance from the Dept. of Electronics & Communication Engg. (ECE), BIT, Mesra, Ranchi, thereafter the proposal will be put up to the Academic Council meeting for their comments / considerations.

94.04B. Modifications in Course Structure & Syllabus of MBA & EMBA at BIT Off-shore Campus, Muscat

Course Structure and Syllabus of MBA and EMBA for BIT Off-shore Campus, Muscat has been modified by Board of Studies, Department of Management, BIT, Mesra and was provisionally approved by the Vice Chancellor.

The proposal was submitted by Muscat off-shore campus (WCAS) for ratification by the Academic Council.

Academic Council has ratified the same.

94.04C. Proposed Course Structure for M.Pharm, Clinical Research w.e.f. 2015-16

Head, Department of Pharmaceutical Sciences & Technology proposed new syllabus for M.Pharm, Clinical Research w.e.f. 2015-16. Course structure for the same is enclosed at **Annexure-IV**.

Academic Council has approved the same.

94.04D. Proposal for opening of M.Sc. (Biotechnology) at BITEC, Kolkata

In charge, BITEC, Kolkata proposed for opening of M.Sc. (Biotechnology) at BITEC, Kolkata. Course structure for the same is attached at **Annexure-V**.

Academic Council has approved the same.

94.05A. (i) Starting of the special batch of 120 students for BBA & BCA (Sp-16)

The Director, Muscat off-shore campus submitted that a batch of around 120 students passing out Foundation course in the month of December 2015, who may not wait for say, 8-9 months to take admission in regular UG programs which is expected to start during the month of August September of the year. The Director, Muscat off-shore campus has requested for approval to start one special batch of 120 students in SP-16 for BBA and BCA programs.

Academic Council has ratified the same.

(ii) Registration of BCA (Part-time) Students

The Director, Muscat Off-shore Campus (WCAS) has submitted that BCA (Part-time) students may be allowed to get registered in both Normal track and Fast track modes to complete their course as presently, BBA (Part-time) students are availing the same options. As per Normal track the students are registered for 4 years and 6 months to complete the course while as per Fast track the students are allowed to get registered for 3 years to complete the same course.

Academic Council has ratified the same.

94.05B. Proposed Changes in Electrical Engineering Course Curriculum

The proposed changes in the following subjects for Electrical Engineering Course curriculum at BIT Off-shore Campus, Muscat (WCAS) were provisionally approved by the Vice Chancellor.

CH2003 (O) Oman Environment Studies
HU3101 (O) Oman Culture and Society
CE6003 (O) Oman Railway Engineering-I (presently offered by Civil Engg. Dept. at BIT
CE6003 Transportation Engineering –I)
EE8231 (O) Railway Engineering - II

The proposal was submitted by Muscat off-shore campus (WCAS) for ratification by the Academic Council.

Academic Council has ratified the same

94.05C. Break-up of Assessment during Examination:

Director, Muscat Off-shore campus, Muscat (WCAS) has submitted that students learning outcomes in theory for UG and PG may be assessed through 50% continuous assessment (Assignment / Quizzes / P / Case Study / Midterm) and 50% end semester examination for approval of the Academic Council. The break-up of continuous assessment for UG & PG programmes as approved by the Academic Council is given below:

For UG Programmes

Components	Assignment	Quizzes	Mid Term	End Semester Examination
Weightage	15%	10%	25%	50%

For PG Programmes

Components	Quizzes (Best two out of three)	Assignment	End Semester Examination
Weightage	40%	10%	50%


(A.P. Krishna)

29/09/15
Registrar & Member Secretary
Academic Council