



बिरला प्रौद्योगिकी संस्थान BIRLA INSTITUTE OF TECHNOLOGY

(वि० अनु० आ० अधिनियम १९५६ की धारा ३ के तहत मानित विश्वविद्यालय || A Deemed to be University u/s 3 of UGC Act, 1956)
मेसरा, राँची - ८३५२१५ (भारत) || MESRA, RANCHI - 835 215 (INDIA)

फोन/Phone: (EPBX) 0651-2275444/2275896,2276002/2276006 फैक्स/Fax: 0651-2275401/2276052 वेबसाइट/website: www.bitmesra.ac.in

MINUTES

OF

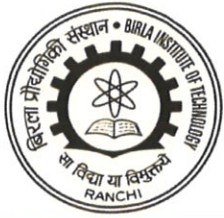
THE 109th MEETING OF THE ACADEMIC COUNCIL

30TH MARCH 2022 (WEDNESDAY) : 12.00 NOON

VENUE:

**CONFERENCE HALL
BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI - 835 215**





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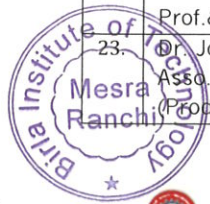
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THE MINUTES OF THE 109TH MEETING OF THE ACADEMIC COUNCIL HELD ON 30TH MARCH 2022

The following members of the Academic Council were present:

01.	Dr. Indranil Manna Vice Chancellor	Chairman	24.	Dr. Vinay Sharma Professor, Prod. & Indus. Engg. Director (University Polytechnic)	Member
02.	Dr.(Mrs.) Nisha Gupta (DPGS)	Member	25.	Dr. A.P. Krishna Prof. & HoD (Remote Sensing)	Member
03.	Dr. (Mrs.) Vibha Rani Gupta (DUGS)	Member	26.	Mrs. (Dr.) P. Padmanabhan Professor (Bioengineering and Biotechnology)	Member
04.	Dr. Sudip Das (DAAC) & Director (IQAC)	Member	27.	Dr. Ramesh Chandra Professor (Bioengineering and Biotechnology)	Member
05.	Dr. Utpal Baul (DAIR)	Member	28.	Dr. Venkateshan Jayaprakash Professor (Pharm. Sc. & Tech)	Member
06.	Dr. Kunal Mukhopadhyay (DoFA)	Member	29.	Dr. (Mrs.) Usha Jha Professor (Chemistry)	Member
07.	Dr. C. Jeganathan (DRIE)	Member	30.	Dr. P.K. Srivastava Professor (Chemistry)	Member
08.	Dr. Anand Kumar Sinha (DoSA)	Member	31.	Dr. J.P. Pandey Professor (Chemistry)	Member
09.	Dr.(Mrs.) Manjari Chakraborty (DoIP) & HoD (Arch. & Plng)	Member	32.	Dr. Birendra Kr. Singh Professor (Civil & Env. Engg)	Member
10.	Dr. Sanjay K. Jha (COE)	Member	33.	Dr. (Mrs.) Bindhu Lal Professor (Civil & Env. Engg.)	Member
11.	Dr. K. K. Senapati (COA)	Member	34.	Dr. Rajeev R. Sahay Professor (Civil & Env. Engg.)	Member
12.	Dr. Rakesh Kumar Sinha Prof. & HoD (Bioengineering and Biotechnology)	Member	35.	Dr. Srikanta Pal Professor (ECE)	Member
13.	Dr. Akhil Kr. Sen Asso, Prof. & HoD Chemical Engineering	Member	36.	Dr. S.K. Ghorai Professor (ECE)	Member
14.	Dr. Ashoke Sharon Prof. & HoD Chemistry	Member	37.	Dr. D.K. Mohanta Professor (EEE)	Member
15.	Dr. Sudeshna Chakravarty Prof. & HoD (CEE)	Member	38.	Dr. T. Ghose Professor (EEE)	Member
16.	Dr. Sandip Dutta Prof. & HoD (CSE).	Member	39.	Dr. (Mrs.) Manju Bhagat Professor (Management)	Member
17.	Dr. S.S. Solanki Prof. & HoD (ECE)	Member	40.	Dr. R. N. Bhagat Professor (Management)	Member
18.	Dr.(Mrs.) Sarbani Chakraborty Prof. & HoD (EEE)	Member	41.	Dr. A. N. Jha Professor (Management)	Member
19.	Dr. Saral Kumar Jain Prof. & HoD (Mathematics and HMCT)	Member	42.	Dr. R.P. Sharma Professor (Mechanical Engg.)	Member
20.	Dr. Shradha Shivani Prof.&HoD Management	Member	43.	Dr. P.R.P. Verma Professor (Pharm. Sc.&Tech.)	Member
21.	Dr. Dipti P. Mishra Prof. & HoD (Mechanical Engg). and Head (In-charge) (SE&R)	Member	44.	Dr. Shiveshwar Jha Professor (Pharm. Sc.&Tech.)	Member
22.	Dr. Swastika Ganguly Prof.&HoD (Pharm. Sc. & Tech).	Member	45.	Dr. K. Jayaram Kumar Professor (Pharm. Sc.&Tech.)	Member
23.	Dr. Joyjeet Ghose Asso. Prof. & HoD (Production and Industrial Engg.)	Member			



46.	Dr. B.N. Sinha Professor (Pharm. Sc.&Tech.)	Member	
47.	Dr. (Mrs.) Papiya Mitra Mazumder Professor (Pharm. Sc.&Tech.)	Member	
48.	Dr. S. Konar BM Birla Chair Professor (Physics)	Member	
49.	Dr. Sanjeeb Kr. Rout Professor (Physics)	Member	
50.	Dr. (Mrs.) Sunita Keshri Professor (Physics)	Member	
51.	Dr. Nilanchal Patel Professor (Remote Sensing)	Member	
52.	Col. Sukhpal Singh (Retd.) Registrar	Member Secretary	
53.	Dr. Abhinav Dinesh Director (EC-Jaipur)	Member	
54.	Dr. Ganesh Prasad Mishra Professor (EC-Jaipur)	Member	
55.	Dr. Roopali Sharma Professor (EC-Jaipur)	Member	
56.	Dr. R.C. Jha Director (EC-Deoghar)	Member	
57.	Dr. Arbind Kumar Director (I/c) EC-Patna	Member	
58.	Dr. Arbind Kumar Professor (EC-Deoghar)	Member	
59.	Dr. S.L. Gupta Director (EC-Noida)	Member	
60.	Mrs. (Dr.) Asha Prasad Professor (EC-Noida)	Member	
61.	Mrs. (Dr.) Vandana Bhattacharjee Professor (CSE) Director (I/c) EC. Lalpur	Member	
62.	Dr. Shree Prakash Lal Professor (EC-Patna)	Member	
63.	Dr. Subir Samanta Professor (Pharm. Sc. & Tech.)	Special Invitee	
64.	Dr. Laxmi Naryan Pattnaik Asso. Dean (PGS)	Special Invitee	
65.	Dr. Sujan Kumar Saha Asso. Dean (UGS)	Special Invitee	
66.	Md. Nadim Quaiser Asst. Registrar	Special Invitee	
67.	Mr. Rahul Rai Dy. Registrar (Academic)	Special Invitee	
68.	Ms. Shruti Sharma Asst. Registrar (Stud. Affairs)	Special Invitee	
69.	Dr. Gautam Sarkhel Professor, (Chemical Engineering)	Member	

Physical Attendance Virtual Attendance

Dr. S.K. Sinha, Professor & Head, (Physics), Prof. Soumendranath Sikdar, Acting Head & Visiting Professor (CQEDS), Dr.(Mrs.) Sudipta Goswami, Professor (Chemical Engineering), Dr.(Mrs.) Vijaya Laxmi, Professor (EEE), Dr. Soubhik Chakraborty, Professor (Mathematics), Dr. (Mrs.) S.M. Verma, Professor (Pharm. Sc.& Tech.), Dr. Balram Singh, Professor (OC-Patna), Dr. M. Krishna Mohan, Professor (OC-Jaipur), could not attend the meeting being away on leave of absence.

The Chairman welcomed the Members of the Academic Council. After ascertaining the quorum being present, the Chairman called the Meeting to order. The Chairman stated that the proceeding of the meeting shall be recorded and preserved.

AC.109.01 CONFIRMATION OF MINUTES OF 108TH MEETING OF THE ACADEMIC COUNCIL

Minutes of the 108th Meeting of the Academic Council, held on 25th November 2021 in the Institute Conference Hall. Minutes were circulated.

Resolution: Confirmed.



AC.109.02 ACTION TAKEN REPORT: 108th MEETING OF THE ACADEMIC COUNCIL

The Action Taken Report is as below:

Item No.	Agenda Item	Action Taken
AC.108.01	Confirmation of Minutes of the 106 th Meeting	Implemented and Notified
AC.108.02	Confirmation of Minutes of the 107 th Meeting	Implemented and Notified
AC.108.03	Action Taken Report: 106 th Meeting of the Academic Council	Implemented and Notified
AC.108.04	Action Taken Report: 107 th Meeting of the Academic Council	Implemented and Notified
AC.108.05	UG, PG and PhD Ordinance 2021 and Examination Regulations 2021	Implementation
AC.108.06	Ratification of Recommendations of Advisory Committee for Academic Programme (ACAP)	Implemented and Notified
AC.108.07	To consider Faculty of BIT (main and off-campuses) as sponsored category for admission to Ph.D. Programme	Implemented
AC.108.08	Revision of Course Structure for the I-VI Semesters of Integrated M.Sc. Programmes (Physics, Chemistry, Food Technology, Mathematics and Computing)	Implemented
AC.108.09	Department of Mathematics (Revision of Courses)	Implemented
AC.108.10	To consider application of Dr. Chinmay Chakraborty, Asst. Professor, BIT Deoghar campus for permission to be a Co-guide of the Ph.D. Scholars	Implemented
AC.108.11	Proposal to start new Post-Graduate Programme in M.Tech. – Chemical Engineering in the Department of Chemical Engineering	Implemented
AC.108.12	Proposal to start M.Tech Programme in Mechanical Engineering	Implemented
AC.108.13	Renaming of Programme as M. Tech. in Aerospace Engineering with two specializations- i) Aerodynamics ii) Rocket Propulsion	Implemented
AC.108.14 (1)	Proposal to start M.Tech in Electrical Engineering with specialization in Control System, Power System, and Power Electronics	Implemented
AC.108.14 (2)	Department of EEE - New Elective Courses (2020–21 Batch) and Revision of syllabus of existing courses.	Implemented
AC.108.15	PhD Viva-Voce	Implemented



AC.108.16	Reconstitution of Board of Studies of the Departments	Implemented
AC.108.17	Reporting Items	Implemented
AC.108.18	Constitution of BoS of the CQEDS	Implemented
AC.108.19	Proposal to start Executive M.Tech in the Department of CSE	In Process
AC.108.20	Renaming of Programme 'Quality Assurance & Regulatory Affairs' as 'Pharmaceutical Quality Assurance in the Department of PST	Implemented
AC.108.21	33% reservation for the Female candidates as per the guidelines of Govt. of Bihar.	Deferred
AC.108.22	Additional Reporting Items	Implemented

Resolution: Noted.

AC.109.03 ADOPTION OF UGC LETTER REGARDING MATERNITY LEAVE TO WOMEN STUDENTS

The University Grants Commission (UGC) vide its letter D.O. NO. 21-116/2021 (CPP-II) dated 14th December 2021, has made a provision in the UGC (Minimum Standards and Procedure for Award of M.Phil/Ph.D. Degrees) Regulations, 2016 that the women candidate may be provided Maternity Leave/Child Care Leave once in the entire duration of M.Phil/Ph.D. for upto 240 days.

Resolution: Maternity Leave of 240 days is granted to the women candidate in accordance with UGC guidelines. However, the leave granted to IRFs and other fellows who are given financial assistance by the Institute shall be treated as "Leave Without Pay".

AC.109.04 RATIFICATION OF RECOMMENDATIONS OF ADVISORY COMMITTEE FOR ACADEMIC PROGRAMME (ACAP)

Advisory Committee for Academic Programme (ACAP) in its 62nd – 68th meeting recommended the following agenda items, which were approved by the Hon'ble Chairman of the Academic Council, are brought before the Academic Council for Ratification:

- i) Declaration of Result of Course; MC300 - Summer Training for the B.Tech 6th Semester Students
As per the course curriculum, the 6th Semester B.Tech students must undergo summer training to earn three credits soon after their end semester examination. They are offered training in various Companies/Organizations.

Some Companies/Organizations offer training, which extends till the end of July. Moreover, the summer training evaluation process is conducted at the beginning of the seventh Semester, causing a delay in the result publication. However, the Placement Companies demand their result up to the 6th Semester. The matter was placed before the Committee for deliberation.

The ACAP suggested that the Grade Card of 6th Semester (Spring Session), including course; MC300 - Summer Training for B.Tech Students, shall be declared by 10th August (every year) to enable these students to upload/submit their grade card to the Placement web portal.



- ii) **Proposal to approve Program Code**
The ACAP recommended the Programme Code for each Programme against all Academic Departments.
- iii) **Registration in SPLMO and SPLSP for the failed students**
The ACAP recommended to facilitate registration for the failed students for MOOC and Summer Training courses under SPLSP/SPLMO category to be included on ERP portal.
- iv) **Exit Option I.M.Sc.: No Restriction on Exit Option with Compliance Violation Penalty**
The ACAP recommended imposing a Compliance Violation Penalty of Rs. 1.5 Lacs for the students requesting for exit and award of B.Sc. Degree in case their request is beyond the notified period.
- v) **Redistribution of credits for Summer Training (6th Sem), Project Minor (7th, Internship / Project (8th Semester): (2 +3 +10) from 2019 Batch onwards**
The ACAP recommended redistribution of credits of the Under-Graduate Engineering Students from the 2019 Batch onwards as under:
- | | |
|--|--------------|
| a) Summer Training (6 th Semester) | : 2 Credits |
| b) Project (7 th Semester) | : 3 Credits |
| c) Internship / Project (8 th Semester) | : 10 Credits |
- vi) **Amendment in the name of various common courses of UG Engineering Programmes**
The ACAP recommended the amendment in the name of the following common courses being offered for Under-Graduate Engineering Students as under:
- EE101 --- Basic Electrical Engineering.
CE101 --- Environmental Science
BE101 --- Biological Science for Engineers
MA204 --- Numerical Methods Lab.
- vii) **Proposal to consider UG, PG Project (outside Institution) and PhD Thesis Evaluation with NIRF Ranking and QS World Ranking**
The ACAP recommended Institutions/Universities having NIRF ranking and QS World ranking as under:
- a) **Evaluation of PhD Thesis:** For evaluation of the thesis submitted by the Ph.D. scholar, the Doctoral Committee (DC) after due verification of all compliance requirements, shall recommend names of five Foreign Examiners from reputed Institutions whose current QS World Ranking should be within 500 and five Examiners from Institutions within India having current Engineering/Science/ Management University NIRF Ranking within 100 and Pharmacy and Architecture from institutions with current Pharmacy/Architecture NIRF ranking within 50.
- b) **UG and PG Project:** Project work done by the Under-Graduate and Post-Graduate Students outside Institutions shall be from Institutions with current Engineering / Management / University NIRF ranking within 100. In the case of Pharmacy/Architecture UG and PG students, the same shall be from Institutions with current Pharmacy/Architecture NIRF ranking within 50.



- viii) Temporary withdrawal fee of Rs.10,000/- per semester for the PhD students admitted in Monsoon 2018 onwards

The ACAP recommended temporary withdrawal fee of Rs. 10000/- per semester for the PhD students admitted in Monsoon 2018 onwards.

The Committee also recommended to incorporate the same in the PhD Ordinance 2021.

- ix) Award of Rank Certificate to the Post Graduate Students from XXXII Convocation

Committee discussed the modalities for awarding Gold Medals and Rank Certificate to the meritorious Post-Graduate and I.M.Sc. students and suggested to award Gold Medal to the topper student from a group of the programme as under on securing CGPA of 8.5 and above minimum number of students in each group 6.

Group of Programmes	Gold Medals, Silver Medals and Rank Certificate
M.Tech. and MUP/M.Pharm	One Gold Medal to the Topper (1st Rank) from each group of Programmes.
M.Sc. / I. M. Sc.	
MBA	
MCA	One Silver Medal to the Topper (1st Rank) of each Department across the campus.
	Rank Certificate to the 1st, 2nd and 3rd Toppers from each of Programme across the campus.

The Committee also recommended the award of two or more Gold Medals to the students if they secure the same CGPA.

- x) Academic Calendar for SP 2022 and MO 2022

The ACAP recommended the Academic Calendar for SP 2022 and MO 2022 as under:

- i) SP 2022 for B.Tech., B.Pharm., B.Arch., IMSc and Group-B (BBA, BCA, BAM, BHMCT, M.Tech., M.Tech.-Cognizant and MBA) 2nd Semester Students to be started from 12th April 2022 and ended on 31st July 2022.
- ii) MO 2022 for all UG, PG and PhD Students except 1st Semester to be started from 1st August 2022 and ended on 23rd December 2022.

- xi) Course Prefix "CI" against proposed Program - B.Tech (Computer Science) with specialization in "Artificial Intelligence and Machine Learning".

The ACAP perused the application as submitted by HoD, CSE and recommended the Course Prefix as "AI".

- xii) Fixation of word limit to run the Plagiarism check for the PhD Thesis

The ACAP recommended that fixation of word limit to run the plagiarism check for the PhD thesis shall be 12 words. Further, the Committee suggested that all PhD scholars submitting the PhD thesis shall get the plagiarism report checked by the Guide, Chairman, DC and Librarian and get their endorsement in the plagiarism report at the time of submission of PhD thesis.

Resolution: Ratified with the following amendments:



1. 109.04 (i) and (v) Summer Training to be termed as Summer Internship.
2. 109.04 (iv) The components constituting the penalty amount were discussed as being inclusive of the registration fee, as the loss incurred due to seats remaining vacant and, most importantly, its effect on performance indicators involving the ratio between the number of students admitted and the number of students completing the course for Accreditation purpose. Thus, a student can opt for the exit option from the I. MSc. programme before registering for the 7th semester. However, a student may be permitted to exit I. MSc. and award of B. Sc. degree with a Compliance Violation Penalty of Rs. 1.5 Lacs in case their request is beyond the notified period. This Exit Option shall be applicable from the current academic session (i.e., AY-2021-22).
3. 109.04 (vii) (a) and (b) In exceptional cases, Deans may, with the permission of the Chairman (Academic Council), recommend other examiners. The Council approved examiners from Institutions within India for evaluation of Ph.D. Thesis and UG and PG Projects having current NIRF Ranking within 20 instead of 50 for Architecture and Planning. The Council also approved inclusion of "Science" for the evaluation of UG and PG Projects with current NIRF Ranking of 100.
4. 109.4 (ix) Award of Gold Medal to the topper students from a group on securing CGPA of 8.5 and above without any backlog courses.

AC.109.05 THE BOARD OF STUDIES OF THE FOLLOWING DEPARTMENTS RECOMMENDED THE REVISION OF COURSE STRUCTURE/SYLLABUS AS UNDER:

S.N.	Name of the Departments	BoS Recommendation
A.	Bioengineering & Biotechnology	<u>B.Tech (Biotechnology)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 18 credits iii) Introduction of minor project in 7 th semester iv) Introduction of a new course (BE331) v) Revision of Syllabi of 4 courses (BE204R1, BE214R1, BE215R1, BE415R1)
B.	Chemical Engineering	<u>B.Tech (Chemical Engineering)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 18 credits iii) Offering of new set of program electives iv) Introduction of minor project in 7 th semester v) Introduction of a new open electives vi) Revision of Syllabi of few courses vii) Change in structure of in-depth specialization in Chemical Engg and Polymer Technology.



C.	Civil & Environmental Engineering	<u>B.Tech (Civil Engineering)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 18 credits iii) Introduction of minor project in 7 th semester iv) Introduction of new program elective courses (CE435, CE436, CE437, CE438)
D.	Computer Science & Engineering	<u>B.Tech (Computer Science & Engineering) and B.Tech (Information Technology)</u> i) Rationalization of semester wise credits ii) Introduction of new core courses (CS335, CS336) iii) Offering Program Elective (PE) of 18 credits iv) Introduction of minor project in 7 th semester v) Introduction of few new program elective courses vi) Introduction of new in-depth specialization on Security
E.	Electrical & Electronics Engineering	<u>B.Tech (Electrical & Electronics Engineering)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 18 credits iii) Introduction of minor project in 7 th semester iv) Introduction of new course (EE605) and revised syllabus of course (EE361R1)
F.	Electronics & Communication Engineering	<u>B.Tech (Electronics & Communication Engineering)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 16.5 credits iii) Introduction of minor project in 7 th semester iv) Introduction of new courses (EC261, EC333, EC379, EC439 and revised syllabi of few courses (EC211R1, EC213R1, EC251R1, EC253R2, EC301R2, EC307R2, EC351R2, EC353R2,))
G.	Mechanical Engineering	<u>B.Tech (Mechanical Engineering)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 18 credits iii) Introduction of minor project in 7 th semester iv) Introduction of 08 new courses and syllabus (ME206, ME311, ME394, ME497, ME489, PE213, PE226, ME293)
H.	Production & Industrial Engineering	<u>B.Tech (Production & Industrial Engineering)</u> i) Rationalization of semester wise credits ii) Offering Program Elective (PE) of 18 credits iii) Introduction of minor project in 7 th semester iv) Introduction of new courses and syllabus PE222, PE209, PE227, PE 225, ME 351, ME 377, PE 309, PE 335, PE 346, PE 323, PE 333, PE 348, PE 349, PE 332, PE 410, PE 412, PE 417



I.	Management	<u>MBA</u> i) Credit wise distribution in the MBA course structure revision to ensure reduction of total credits for theory courses in the 4 th semester. ii) To complete the functional project in the form an internship by the students. iii) Course structure of MBA program.
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Resolution: Approved with following amendments:

1. *The Agenda vide Item No. 109.05 (E) (iv) – The Council also approved 20 new courses and 04 revised courses.*
2. *The Agenda vide Item No. 109.06 (B) (ii) – BCA program with two new specialized areas, namely “Artificial Intelligence & Machine Learning” and “Data Science” were approved as Revision of Course Structure from the Academic Session 2022-23.*
3. *The Agenda vide Item No. 109.06 (F) – BBA program with two new specialized areas, namely “Digital Marketing” and “Business Analytics” were approved as Revision of Course Structure and Syllabus of 1st Semester from the Academic Session 2022-23.*

AC.109.06 THE BOARD OF STUDIES OF THE FOLLOWING DEPARTMENTS RECOMMENDED TO START NEW PROGRAM AS UNDER:

S.N.	Name of the Departments	BoS Recommendation
A.	Chemical Engineering	<u>B.Tech (Food Processing Technology)</u> New B. Tech. program in Food Processing Technology from the Academic Year 2022 from Centre of Food Engineering and Technology under the Department of Chemical Engineering
B.	Computer Science & Engineering	i) <u>B.Tech (Artificial Intelligence and Machine Learning)</u> New B. Tech. program in B.Tech in Artificial Intelligence and Machine Learning from the academic year 2022-23 ii) <u>BCA Program with specialization</u> Two new specialization areas (a) Artificial Intelligence & Machine Learning and (b) Data Science are recommended to be included in the BCA program from the Academic Year 2022-23 iii) <u>Certificate Program in Game Design and Development (BITEC, Noida)</u> New One year Certificate program in Game Design and Development from the academic year 2022-23



C.	Electronics and Communication Engineering	<p><u>M. Tech (Electronics & Communication Engineering)</u></p> <p>i) Recommended M.Tech (Electronics and Communication Engineering) with four Specializations as under: a) Wireless Communication b) Microwave Engineering c) Instrumentation d) VLSI Design & Embedded System</p> <p>ii) Restructuring and revision of new course structure and syllabi for M.Tech. in Electronics and Communication Engineering</p>
D.	Production & Industrial Engineering	<p><u>M.Tech (Production & Industrial Engineering)</u></p> <p>i) Recommended renaming of the current M.Tech program (M.Tech in Automated Manufacturing Systems) as M.Tech in Production & Industrial Engineering with two specializations as under: a) Production Technology b) Production & Operations Management</p> <p>ii) Restructuring and revision of new course structure and syllabi for M.Tech. in Production & Industrial Engineering</p>
E.	Remotes Sensing	<p><u>M.Tech (Remote Sensing)</u></p> <p>i) Recommended M.Tech (Remotes Sensing) with two Specializations as under: a) Earth Resources b) Environment & Climate</p> <p>ii) Increase in seat by six (6) to raise the 18 seats available under this programme to 24.</p> <p>iii) Modified course structure including addition and some minor modifications as well as some changes in syllabi of a few subjects.</p>
F.	Management	<p><u>BBA</u></p> <p>Two new specialized areas are recommended to be included in the BBA program.</p> <p>i) Course structure of BBA ii) Syllabi of BBA 1st semester</p>
G.	Hotel Management & Catering Technology	<p><u>Master in Hospitality and Tourism Administration</u></p> <p>New Master's program in Hospitality and Tourism Administration (MHTA).</p>



Resolution: *Approved.*



The Agenda vide Item No. 109.06 be amended as Introduction of new programs and/or specializations and renaming of program.

- A. Chemical Engineering –
 B.Tech (Food Processing Technology)
- Program Code “FP”
 - No. of seats 15 – 30
- B. Computer Science & Engineering–
- (i) B.Tech (Artificial Intelligence and Machine Learning)
- Program Code “AI”
 - No. of seats 60
- (ii) BCA program with specialization
- Approved under Agenda vide Item No. 109.05 (D)
- (iii) Certificate Program in Game Design and Development (BITEC, Noida)
- Program Code “GD”
 - No. of seats 30
- C. Electronics and Communication Engineering–
 Approved renaming of M.Tech (Electronics and Communication Engineering) with four Specializations “Wireless Communication”, “Microwave Engineering”, “Instrumentation” and VLSI Design and Embedded System”.
- D. Production & Industrial Engineering–
 Approved renaming of the current M.Tech program (M.Tech in Automated manufacturing systems) as M.Tech in Production and Industrial Engineering with two specializations “Production Technology” and “ Production & Operations Management”
- E. Remote Sensing –
 Approved renaming of M.Tech (Remote Sensing) as M.Tech (Remote Sensing) with two specializations “Earth Resources” and “ Environment & Climate”
- F. Management (BBA) –
 Approved under Agenda vide Item No. 109.05 (I)
- G. Hotel Management & Catering Technology (Master in Hospitality and Tourism Administration) –
 No. of seats 12

AC.109.07 THE BOARD OF STUDIES OF THE FOLLOWING DEPARTMENTS RECOMMENDED TO OFFER NEW OPEN ELECTIVES FOR OTHER DEPARTMENT STUDENTS AS UNDER:

S.N.	Name of the Departments	BoS Recommendation
A.	Architecture and Planning	<u>B.Arch.</u> i) AR254 Art and Culture I (OE 1) ii) AR304 Art and Culture II (OE 2)



		<ul style="list-style-type: none"> iii) AR354 Art and Culture III (OE 3) iv) AR405 Art and Culture IV (OE 4)
B.	Chemical Engineering	<u>B.Tech (Chemical Engineering)</u> <ul style="list-style-type: none"> i) CL 233 Waste Management (OE 1) ii) CL 321 Petroleum Refinery Engineering (OE 2) iii) CL 351 Design & Analysis of Experiments (OE 3) iv) CL 357 Nanotechnology OE 3 v) CL 427 Microfluidics OE 4
C.	Civil & Environmental Engineering	<u>B.Tech (Civil & Environmental Engineering)</u> <ul style="list-style-type: none"> i) CE427 Building Construction (OE 1) ii) CE428 Construction Management (OE 2) iii) CE429 Disaster Management (OE 3) iv) CE430 Environmental Management (OE 4)
D.	Computer Science & Engineering	<u>B.Tech (Computer Science & Engineering)</u> <ul style="list-style-type: none"> i) CS261 Fundamental of Data Structure (OE 1) ii) IT261 Basics of Intelligent Computing (OE 1) iii) IT361 Basics of Software Engineering (OE 2) iv) CS361 Operating System Concepts (OE 2) v) IT363 Cryptography & Network Security (OE 3) vi) CS363 Artificial Intelligence fundamentals (OE 3) vii) CS461 Fundamentals of Machine Learning (OE 4) viii) IT461 Data mining concepts (OE 4)
E.	Electrical & Electronics Engineering	<u>B.Tech (Electrical & Electronics Engineering)</u> <ul style="list-style-type: none"> i) EE203 Electric Energy Generation & Control (OE 1) ii) EE255 Signal and System (OE 1) iii) EE257 Solar Photovoltaic: Photons to Farms (OE1) iv) EE361 Linear Control Theory (OE 2) v) EE363 Sensors: Fabrication and Application (OE 2) vi) EE365 Introduction to Sustainable Energy (OE 2) vii) EE457 Fundamentals of Power System (OE 3) viii) EE459 Introduction to Power Electronics (OE 3) ix) EE:425 Robotics (OE 3) x) EE453 Machine Electronics (OE 4) xi) EE519 Computational Techniques in Electrical(OE 4)
F.	Electronics & Communication Engineering	<u>B.Tech (Electronics & Communication Engineering)</u> <ul style="list-style-type: none"> i) EC259 Sensors and Transducers (OE 1) ii) EC261 Digital Computer Electronics (OE 1) iii) EC321 Introduction to Communication System (OE 2) iv) EC333 Introduction to Microcontrollers (OE 2) v) EC361 Introduction to MEMS (OE 3) vi) EC379 Measurement & Instrumentation (OE 3) vii) EC437 Introduction to Signal Processing (OE 4) viii) EC439 Electronics Technology (OE 4)
G.	Mechanical Engineering	<u>B.Tech (Mechanical Engineering)</u> <ul style="list-style-type: none"> i) ME 292 Smart & New Materials (OE 1) ii) ME 293 Experimental Methods in Engineering (OE1) iii) ME392 Renewable Energy Sources (OE 2)



		<ul style="list-style-type: none"> iv) ME 393 Elements of Hydel & Thermal Power Plants (OE 2) v) ME 391 Elements of Nuclear & Diesel Power Plants (OE 3) vi) ME 394 Elements of Modal Analysis (OE 3) vii) ME 489 Mechatronics & its applications (OE 4) viii) ME 497 Industrial Robotics & Automation (OE 4)
F.	Production & Industrial Engineering	<u>B.Tech (Production & Industrial Engineering)</u> <ul style="list-style-type: none"> i) PE209 Engineering Economy Costing and Accounting (OE 1) ii) PE227 Engineering Materials (OE 1) iii) PE309 Project Management (OE 2) iv) PE315 Work Study & Ergonomics (OE 2) v) PE332 Operation Research with Python (OE 3) vi) PE347 Additive Manufacturing (OE 3) vii) PE414 Automated Manufacturing Systems (OE 4) viii) PE417 Production Management (OE 4)
G.	Remote Sensing	<u>Open Elective Course</u> <ul style="list-style-type: none"> i) G-1501 Principles of Remote Sensing ii) "RS520: Real-world Operationalization of GIS and GNSS" (1Theory + 4Lab hours = 3 Credits) has been revised to "RS520R1: Real-world Operationalization of GIS and GNSS" (3Theory hours = 3 Credits) as per the requirement of central OE subjects.

Resolution: *Approved.*

AC.109.08 PROPOSAL FROM THE DEPARTMENT OF HMCT FOR REDUCTION IN ADMISSION SEATS FROM 60 TO 30 OF BHMCT PROGRAM FROM 2022 ONWARDS.

The Departmental Policy Committee (DPC) in its meeting held on 18th February 2022 recommended as under:

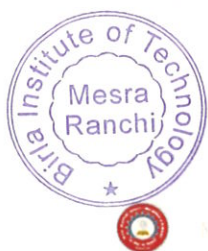
Admission intake of BHMCT program is 40 since 2003. However, the AICTE record reflects intake of the BHMCT program as 60, as per its norms. The 40 seats advertisement and intake were due to the MoU with DST, Govt. of Jharkhand, which was valid from FY 2004 to FY 2008.

Recommendation to make the admission intake of the BHMCT program from 40 to 30, which is as per the approval slab of AICTE with its requisite infrastructure and other requirements. The reduction in the seat to 30 is in view of the future NBA application process, where the intake of 40 and AICTE approval of 60 can be detrimental to the process.

Resolution: *Approved.*

AC.109.09 PROPOSAL FROM THE DEPARTMENT OF MATHEMATICS TO CLOSE M.SC. MATHEMATICS AND INCREASE IN INTAKE FROM 60-75 FOR IMSC MATHEMATICS & COMPUTING

The Departmental Academic Committee (DAC), Departmental Faculty and Departmental Policy Committee (DPC) in its meeting held on 3rd and 4th March 2022 respectively recommended as under:



- i) Closure of M.Sc. (Mathematics) Program
- ii) Increase in intake from 60 to 75 or 90 as per AICTE norms for admission into IMSc Mathematics and Computing program from the session 2022-23.

Resolution: Approved with student intake of 75.

AC.109.10 CHANGE IN ELIGIBILITY CRITERIA FOR ADMISSION IN B.PHARM PROGRAM

The Board of Studies (BoS) of Department of Pharmaceutical Sciences & Technology proposed the agenda as under:

- i) Intermediate in Science (I.Sc.) will be considered equivalent to (10+2) 12th in Science as eligibility criteria for the admission in B.Pharm program.
- ii) To take Remedial Mathematics in case of admission through NEET and Remedial Biology in case of admission through JEE (Main) in the 1st semester.

Resolution: Approved.

AC.109.11 PROPOSAL FROM UNIVERSITY POLYTECHNIC

The Academic and Executive Council of University Polytechnic in its meeting held on 23rd February 2022 proposed the following agenda:

- i) Merging of Mechanical Engineering Production (MEP) into Mechanical Engineering (ME)
- ii) Approval of the statement of Vision & Mission of The University Polytechnic.

Resolution: Approved.

109.11 (i) Approved with student intake of 90.

109.11 (ii) Deferred

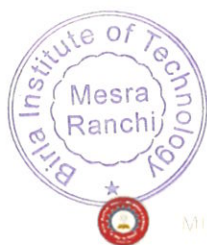
AC.109.12 PH.D. VIVA-VOCE APPROVAL OF AWARD OF PH.D. DEGREE, PROVISIONALLY

The Academic Council is requested to consider the recommendations of the respective viva-voce Boards of following 26 Ph.D. scholars listed below and approve the award of Ph.D. Degree to them provisionally:

SN	Name & Roll Number	Dept.	Guide	Co-guide	Title of Thesis	Degree to be awarded in
1	Mr. Umesh Chandra Mishra (PhD/AR/10001/2013)	Architecture	Dr. Satyaki Sarkar	-	Social Acceptability of Affordable Housing Designs in Resettlement Colonies in Planned Cities of Norther India	Architecture & Planning



2	Mr. Nirmalya Chakraborty (PhD/MB/157-A/2009)	Management	Dr. Vandana Sharma	-	Risk Analysis Framework for Employee Health Care Data	Management
3	Mr. Bhupesh Malhotra (PhD/MB/1062/2010)	Management	Dr. Vandna Sharma	-	Impact of Mergers and Acquisitions on Human Resource Practices in IT Industry	Management
4	Mr. Brijesh Kumar Singh (PhD/EC/1058/2010)	Electronics and Communication Engineering	Dr. Mainak Mukhopadhyay	-	Spectrum Sensing in Cognitive Radio	Engineering
5	Mr. Md. Maqubool Hosain (Ph.D/EC/10005/2013)	Electronics and Communication Engineering	Dr. A.K. Tiwary	Dr. Sumana Kumari	Design and Development of Compact Filtenna for Wireless Devices	Engineering
6	Ms. Riddhi Prabha (Ph.D/BT/10052/2015)	Bioengineering and Biotechnology	Dr. V.K. Nigam	-	Studies on Production and Characterization of Nitrile Amide Degrading Anzyme Amidase	Science
7	Mr. Prakash Kumar Singh (Ph.D/CS/10001/2013)	Computer Science and Engineering	Dr. Sanchita Paul	-	Machine Learning Approach for Sentiment Analysis of Online Reviews	Engineering
8	Ms. Sharmila Biswas (Ph.D/EC/10006/2012)	Electronics and Communication Engineering	Prof. S.S. Solanki	-	Analysis of Hindi Song using Signal Processing Techniques	Engineering
9	Ms. Saumya Shalu (PhD/AC/10001/2016)	Chemistry	Dr. Barnali Dasgupta Ghosh	-	Synthesis and Dielectric Study of Barium Strontium titanate Based 0-3 Polystyrene Composites	Science
10	Mrs. Shreya Patel (PhD/MB/10003/2012)	Management	Dr. A. N. Jha & Soumitro Chakravarty	-	The Role of Microfinance in Socio Economic Upliftment of Economically	Management



					Weaker Section of Jharkhand.	
11	Mr. Naveen Trivedi (Ph.D/CS/10003/2013)	Computer Science and Engineering	Dr. Suvendu Kanungo	-	Multi-objective Based Analysis of Gene Expression Data for Knowledge Extraction	Engineering
12	Mr. Saitab Sinha (PhD/MB/10013/2013)	Management	Dr. Ashutosh Mishra	-	Assessment of employability of fresh engineering graduates in India applying Expectancy Disconfirmation Theory	Management
13	Mr. Avinash Kumar (PhD/PRO/10052/2014)	Production Engineering	Dr. L.N. Pattanayak	Dr. Rajeev Agrawal	Modelling and Optimization of Reconfigurable Assembly Line	Engineering
14	Mrs. Prerna Agarwal (PhD/CS/10064/2013)	Computer Science and Engineering	Dr. S.P. Singh	-	A cryptographic System for Secure Data Sharing among Dynamic group of Cloud Computing	Engineering
15	Ms. Preeti (PhD/MB/10001/2017)	Management	Dr. Supriyo Roy	-	Performance Measurement of Indian Banking System: A Non-Parametric Approach	Management
16	Mr. Manish Mathew Tirkey (PhD/EC/10001/2016)	Electronics and Communication Engineering	Dr. Nisha Gupta	-	Investigations on Wideband Electromagnetic Wave Absorbers	Engineering
17	Mr. Narmadeshwar Sahay (Ph.D/CE/1053/2010)	Civil and Environmental Engineering	Dr. Siddhartha Sengupta	-	Performance Based Seismic Design of Indian Highway Concrete Viaduct Founded in Deep Alluvium of Indo-Gangetic Plain	Engineering



18	Ms. Maria Adhikary (Ph.D/BT/10001/2015)	Bioengineering and Biotechnology	Dr. K. Mukhopadhyay	Dr. Biswath Sarkar	Wheat grass (Triticum aestivum L) flavonoids: analysis of biosynthetic genes and biological activities	Science
19	Mr. Ashutosh Anand (PhD/EC/10052/2015)	Electronics and Communication Engineering	Dr. Srikanta Pal	-	Design of MEMS Based Piezoelectric Energy harvester for Low Power Devices	Engineering
20	Mr. Ram Babu Verma (PhD/PE/10052/2013)	Production Engineering	Dr. Sanjay Kumar Jha	-	Development of Robust Framework to Increase Competitiveness in tool and Die Manufacturing with respect to MSME Tool Room Jamshedpur	Engineering
21	Ms. Suparna Roy Sarkar (PhD/PH/10002/2017)	Pharmaceutical Sciences & Technology	Dr. P.M. Mazumder	-	Antibiotic-Associated Cognitive Decline in Mice: Neuropathogenesis and Intervention Strategies	Pharmacy
22	Mr. Avanish Kumar (PhD/EE/10002/2013)	Electrical and Electronics Engineering	Dr. Aftab Alam	-	Experimentation and Investigation on Traction Motor Drive for Hybrid Electric Vehicles	Engineering
23	Ms. Kamlu Sushma Suryaprakash (Ph.D/EE/10003/2012)	Electrical and Electronics	Dr. (Mrs.) Vijaya Laxmi	-	Implementation of Maintenance Scheduling for Vehicles based on geographical Information system	Engineering



24	Ms. Sujata Priyambada Dash (PhD/86/2010)	Management	Dr. Supriyo Roy		Strategic Role of Human Capital Towards Organizational Performance: Impact of Retention	Management
25	Mr. Satyajit Mahapatra (PhD/EC/10055/2016)	Electronics and Communication Engineering	Dr. Sitanshu Sekhar Sahu	-	Machine Learning and Signal Processing Methods for Protein-Protein Interaction Prediction	Engineering
26	Ms. Priya Kumari (PhD/BE/10057/2017)	Bioengineering and Biotechnology	Dr. Raju Poddar	-	Computational Studies on Nitrilase Enzymes	Science
27	Ms. Sheelu Kumari (PhD/EC/10008/12)	Electronics and Communication Engineering	Dr. Vibha Rani Gupta	-	Design and Development of Folded Substrate Integrated Waveguides and Components	Engineering
28	Ms. Sarika Verma (PhD/AC/10054/2014)	Chemistry	Dr. A. Sharon	-	Synthesis and X-Ray Crystallographic Studies of Isoxazole Based Analogs	Science
29	Ms. Mousumi Shyam (PhD/PH/10004/2016)	Pharmaceutical Sciences & Technology	Dr. Venkatesan J	Dr. B. N. Sinha	Mycobactin Biosynthesis Inhibitors as Antitubercular Agents	Pharmacy
30	Mr. Pawan Kumar Karn (PhD/SER/10051/16)	Space Engineering & Rocketry	Dr. Priyank Kumar	Dr. Sudip Das	Analysis of Steady and Unsteady Flow Over Axis-Symmetrical Body at Subsonic Speed	Engineering
31	Mr. Wasim Akram Shaikh (PhD/CEE/10001/2015)	Civil and Environmental Engineering	Dr. Sukalyan Chakraborty	-	Removal and degradation of toxic industrial dye using biochar-based nanocomposite	Science



32	Mr. Piyush Kumar Ojha (PhD/EE/1054/2010)	Electrical and Electronics Engineering	Dr. S. Shiva Kumar	-	Development of Modelling and Control of Efficient Single-Stage Boost Inverter for Solar PV Applications	Engineering
33	Ms. Aparna Shukla (PhD/CS/10057/2013)	Computer Science and Engineering	Dr. Suwendu Kanungo	-	A Study of Multi-modal Biometrics Based Identification System	Engineering
34	Mr. Kumar Nikhil (PhD/EE/10006/2013)	Electrical and Electronics	Dr. Vijaya Laxmi	-	Model Order Reduction Using Krylov Subspace Method	Engineering
35	Ms. Neha Verma (PhD/PE/10051/2013)	Production Engineering	Dr. Vinay Sharma	-	Sustainable Competitive Advantage by Implementing Lean, Six-Sigma and Green Technology- A Case Study on Indian Industry	Engineering
36	Mr. Kunal (PhD/MB/10051/13)	Management	Dr. Sandeep Nath Sahdeo	-	Study of effectiveness of Social Advertising in rural areas with special reference to Jharkhand state	Management
37	Mr. Ritesh Kumar (PhD/CS/10005/2014)	Computer Science and Engineering	Dr. Partha Sarathi Bishnu	-	Application of Data Mining in Business Intelligence	Technology
38	Mr. Chandan Kumar (PHD/ME/1052/2011)	Mechanical Engineering	Dr. Arbind Kumar	-	Meshfree Approach for the Structural analysis of Composite Plate	Engineering
39	Ms. Smriti Tripathi (PHD/PH/10008/2018)	Pharmaceutical Sciences & Technology	Dr (Mrs.) P.M. Mazumder	-	Studies on Some Natural Polyphenols against Neurological Complications in Mice	Pharmacy



40	Mr. Ankur Singh (PHD/PH/10005 /2018)	Pharmaceutical Sciences & Technology	Dr. K. Jayaram Kumar		Studies on Phaseolus lunatus starch as potential pharmaceutical excipient and its co- processing approaches	Pharmacy
41	Mr. Muktesh Mohan (PHD/BE/10004 /2018)	Bioengineering and Biotechnology	Dr. Raju Poddar		Study of Up- Conversion Nanoparticles (UCNPs) as exogenous imaging contrast agent for Optical Coherence Tomography	Technology

Resolution: *Based on the recommendations of the Viva-Voce Board, the Academic Council approves the award of Ph.D. degree provisionally to 25 Ph.D. Scholars. The name of 01 additional Ph.D. Scholar as follows, which is inadvertently missed out while framing the agenda, is also approved for award of Ph.D. degree provisionally.*

S.No	Name/ Roll No.	Department	Guide	Co-Guide	Title	Degree to be awarded in
1	Mr. Nagendra Prasad Tiwary (PHD/117/2009)	Computer Sc. & Engg	Dr. G Sahoo		User Participation in Web-Based Communication for Security: An Authentication Approach	Technology

DPGS to bring to the notice of the Academic Council, the names of the faculty member of the Institute have been able to successfully guide 02 Ph.D. Scholars in one Academic Year, for extending appreciation of the Academic Council to the faculty member(s).

AC.109.13 RE-CONSTITUTION OF BOARD OF STUDIES

1. Department of Chemical Engineering		
Existing Board of Studies		
Internal Member		
Sl. No.	Name	
1	HOD/In-Charge	Chairman (Ex-Officio)
2	Dr. (Mrs.) M. Mukherjee, Professor	Member
3	Dr. Gautam Sarkhel, Professor	Member



4	Dr. (Mrs.) S. Goswami, Professor	Member
5	Dr. G.T. Mohanraj, Assistant Professor	Member
6	Dr. Bidhan C. Ruidas, Assistant Professor	Member
7	Dr. A.K. Sinha, Professor, Dept. of Civil Engg.	Member
8	Dr.D.P. Mishra, Professor Department of Mechanical Engg	Member
9	One student representative of UG programme	Member
10	One Student representative of PG programme	Member

External Member		
Sl. No.	Name of Member, Designation, Institute/Company, Full Address	
1	Dr.Pallab Ghosh, Professor, Dept. of Chemical Engineering, IIT, Guwahati, Assam 781039 Ph:+91-(361)2582253,M 9435346533, pallabg@iitg.ernet.in	Member
2	Dr. Siddhartha Datta, Ex-Professor,Dept. of Chemical Engineering, Jadavpur University,188,Raja S.C. Mallick Rd, Kolkata-700032,Ph:9830108902, sdatta.che@gmail.com, sdatta_che@rediffmail.com	Member
3	Dr.Pinakpani Biswas, Principal Scientist, Environment Research Group, R&D, Tata Steel Ltd.,Jamshedpur-831007 biswaspinakin@tatasteel.com , biswaspinakin@gmail.com Ph-9204058892	Member
4	Dr. H.N. Mishra, Ex-Professor,Department of Food and Agriculture Engineering, IIT Kharagpur ,Pin-721302	Member
5	Prof. Priyabrata Sarkar, Ex- Professor, Department of Polymer Science &Technology,University of Calcutta,92 A.P.C. Road, Rashbehari Prangan,Kolkata- 700009,Ph:9331040757, sarkarpriya@gmail.com	Member
6	Dr.Suddhasatwa Basu, Professor, Chemical Engineering, IIT Delhi,HAuzKhas, New Delhi-110016, sbasu@chemical.iitd.ac.in	Member

Proposed Board of Studies		
Internal Member		
Sl. No.	Name	
1	HOD/In-Charge	Chairman (Ex-Officio)
2	Dr. Gautam Sarkhel, Professor	Member
3	Dr. (Mrs.) S. Goswami, Professor	Member
4	Dr. G T Mohanraj, Associate Professor	Member



5	Dr. Anand Bharti, Assistant Professor	Member
6	Dr. Sumit Kumar Jana, Assistant Professor	Member
7	Dr (Mrs) Padmini Padmanavan Professor Dept. of Bioengineering and Biotechnology	Member
8	Dr. Sudip Das, Professor, Department of Space Engg. & Rocketry	Member
9	One student representative of UG programme	Member
10	One Student representative of PG programme	Member

External Member		
Sl.No.	Name of Member, Designation, Institute/Company, Full Address	
1	Dr.Pallab Ghosh, Professor, Dept. of Chemical Engineering, IIT, Guwahati, Assam 781039 Ph:+91-(361)2582253,M 9435346533, E mail: pallabg@iitg.ernet.in	Member
2	Dr.Sudip Pattanayek Professor, Chemical Engineering Department, Block II - 283, Indian Institute of Technology Delhi, Hauz Khas, New Delhi -110016 Phone: +91 11 2659 1018 M 9818421374 E mail: sudip@chemical.iitd.ac.in ,	Member
3	Dr. H.N. Mishra, Ex-Professor, Department of Food and Agriculture Engineering, IIT Kharagpur ,Pin-721302 E mail: hnm@agfe.iitkgp.ac.in Ph: +91-3222-283130	Member
4	Prof. Priyabrata Sarkar, Ex- Professor, Department of Polymer Science &Technology,University of Calcutta,92 A.P.C. Road, Rashbehari Prangan,Kolkata-700009,Ph:9331040757, sarkarpriya@gmail.com	Member
5	Dr Lalaso Vishnu Mohite Senior Scientist, Aditya Birla Science and Technology Comp Ltd FL2002, C-Wings, Tharawani Riviera Sector 35 I, Kharghar, Navi Mumbai, Maharashtra-410210 M- 9702300048, e-mail- lmohite@gmail.com	Member
6	Dr.Chandan Guria Professor, Department of Petroleum Engineering ISM Dhanbad, Jharkhand 826004 E mail: cguria@iitism.ac.in Ph: 9431326774	Member
7	Dr Kartik Chandra Ghanta Professor, Department of Chemical Engineering, NIT Durgapur, Mahatma Gandhi Avenue, Durgapur 713209, West Bengal E mail: kartik.ghanta@che.nitdgp.ac.in Ph no. - +91 (343) 2754080	Member



8	Mr Basudev Chakraborty GM Coal Carbonization RDCIS, SAIL ISPAT Bhavan, Shyamli Colony, H Block, Doranda, Ranchi 834002 E mail: basuchak91@gmail.com / Mob. 8986880066	Member
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2. Department of Management		
Existing Board of Studies		
Internal Members		
Sl.No.	Name of Members	Designation
1.	HOD/ In-charge	Chairman (Ex-Officio)
2.	Dr. Utpal Baul, Professor, Dept. of Management, BIT, Mesra	Member
3.	Dr. Manju Bhagat, Professor, Dept. of Management, BIT, Mesra	Member
4.	Dr. Shradha Shivani, Professor, Dept. of Management, BIT, Mesra	Member
5.	Dr. R.N. Bhagat, Professor, Dept. of Management, BIT, Mesra	Member
6.	Dr. Supriyo Roy, Associate Professor, Dept. of Management, BIT, Mesra	Member
7.	Dr. Rohini Jha, Assistant Professor, Dept. of Management, BIT, Mesra	Member
8.	Dr. Satyajit Mahto, Assistant Professor, Dept. of Management BIT, Mesra	Member
Members from Allied Department:		
1.	Dr. Vandana Bhattacharjee, Prof. & Head, Dept. of Computer Science and Engineering, BIT, Mesra	Member
2.	Dr. Ritesh Kumar Singh, Associate Professor, Production & Industrial Engg., BIT, Mesra	Member

External Members		
Members from Academics: (Any One)		
Sl.No.	Name of Member, Designation, Institute/ Company, Full Address	Designation
1.	Dr. Tanusree Dutta, Faculty, IIM, Ranchi Mobile No. 9939135277 Email: tanusree@iimranchi.ac.in	Member
2.	Dr. Rakesh Kumar Singh, Professor, IMT Ghaziabad Mobile: 9953596501, Email: rksingh@imt.edu	Member



3	Prof. Partha Pratim Sengupta, Sr. Professor, Humanities & Social Sciences NIT- Durgapur , West Bengal Mobile No. 9434788045 E Mail: pps42003@yahoo.com	Member
Members from Industry: (Any One)		
1.	Dr. Shivesh Singh, Head Business HR, Bandhan Bank Mobile: 9999002032 Email: shivesh.singh@bandhanbank.com	Member
2.	Dr. Priyabrata Bhattacharjee DGM , MECON (Knowledge Management), Birla Corporation Ltd. Birla Cement Works (A MP Birla Group) Durgapur, W.B. Mobile : 8170054418/9233313650 Email : priyabrata72@gmail.com	Member
3.	Mr. Shiva Botchu, Associate Director, Deloitte Consulting New Delhi Mobile: 9899773347 Email: shivabotchu@gmail.com	Member

Proposed Board of Studies		
Internal Member:		
Sl.No	Name of Members	Designation
1.	HOD/ In-charge	Chairman (Ex-Officio)
2.	Dr. Utpal Baul, Professor, Dept. of Management, BIT, Mesra	Member
3.	Dr. Manju Bhagat, Professor, Dept. of Management, BIT, Mesra	Member
4.	Dr. Shradha Shivani, Professor, Dept. of Management, BIT, Mesra	Member
5.	Dr. R.N. Bhagat, Professor, Dept. of Management, BIT, Mesra	Member
6.	Dr. Supriyo Roy, Associate Professor, Dept. of Management, BIT, Mesra	Member
7.	Dr. Rohini Jha, Assistant Professor, Dept. of Management, BIT, Mesra	Member
8.	Dr. Satyajit Mahto, Assistant Professor, Dept. of Management, BIT, Mesra	Member
Members from Allied Department:		
1.	Dr. Vandana Bhattacharjee, Prof. & Head, Dept. of Computer Science and Engineering, BIT, Mesra	Member
2.	Dr. Ritesh Kumar Singh, Associate Professor, Production & Industrial Engg., BIT, Mesra	Member



External Member: Members from Academics : (Any One)		
Sl.No	Name of Member, Designation, Institute/ Company, Full Address	
1.	Dr. Tanusree Dutta, Faculty, IIM, Ranchi Mobile No. 9939135277 Email: tanusree@iimranchi.ac.in	Member
2.	Dr. Rakesh Kumar Singh, Professor, IMT Ghaziabad Mobile: 9953596501 Email: rksingh@imt.edu	Member
3	Prof. Partha Pratim Sengupta, Sr. Professor, Humanities & Social Sciences NIT- Durgapur , West Bengal Mobile No. 9434788045 E Mail: pps42003@yahoo.com	Member
Members from Industry: (Any One)		
1.	Dr. Shivesh Singh, Head Business HR, Bandhan Bank Mobile: 9999002032 Email: shivesh.singh@bandhanbank.com	Member
2.	Mr. Priyabrata Bhattacharjee, DGM (Knowledge Management), Birla Corporation Ltd. Birla Cement Works (A MP Birla Group), Durgapur , West Bengal, Mobile: 8170054418/9233313650 Email: priyabrata72@gmail.com	Member
3.	Mr. Shiva Botchu, Senior Manager, Accenture Mobile: 9899773347 Email: shivabotchu@gmail.com	Member

3. Department of Bioengineering and Biotechnology		
Existing Board of Studies		
Internal Member		
Sl.No.	Name	
1	HOD, Department of Bioengineering and Biotechnology	Chairman (Ex-Officio)
2	Dr. Kunal Mukhopadhyay, Professor	Member
3	Dr. Rakesh Kumar Sinha, Professor	Member
4	Dr. (Mrs.) Padmini Padmanabhan, Professor	Member
5	Dr. Vinod Kumar Nigam, Associate Professor	Member
6	Dr. Raju Poddar, Assistant Professor	Member
7	Dr. (Mrs.) Sudipta Goswami, Professor, Chemical Engg.	Member
8	Dr. S. Samanta, Professor, Pharm.Sc.& Tech.	Member

External Member		
Sl. No.	Name of Member, Designation, Institute/Company, Full Address	
1	Dr. T.R. Sharma, Director, ICAR- Indian Institute of Agriculture Biotechnology, Garhkhatanga, Ranchi	Member



2	Dr. Padma V. Devarajan, Professor & HOD, Dept. of Pharmaceutical Sciences, Institute of Chemical Technology, Matunga, Mumbai (Maharashtra)	Member
3	Dr. Arun Goyal, Professor, Dept. of Biosciences and Bioengineering, IIT Guwahati (Assam)	Member
4	Dr. Sudip Chattopadhyay, Professor, Dept. of Biotechnology, NIT Durgapur (W.B)	Member

Proposed Board of Studies		
Internal Member:		
Sl.No	Name of Members	Designation
1.	HOD, Department of Bioengineering and Biotechnology	Chairman (Ex-Officio)
2.	Dr. Kunal Mukhopadhyay, Professor	Member
3.	Dr. (Mrs.) Padmini Padmanabhan, Professor	Member
4.	Dr. Ramesh Chandra, Professor	Member
5.	Dr. Manish Kumar, Associate Professor	Member
6.	Dr. Soham Chattopadhyay, Assistant Professor	Member
7.	Dr. Gautam Sarkhel, Professor, Chemical Engg.	Member
8.	Dr. Ashoke Sharon, Professor, Chemistry	Member
9.	Student Representative	Member

External Member:		
Members from Academics: (Any One)		
Sl.No.	Name of Member, Designation, Institute/ Company, Full Address	
1	Dr. Arun Goyal, Professor, Dept. of Biosciences and Bioengineering, IIT Guwahati (Assam)	Member
2	Dr. Sudip Chattopadhyay, Professor, Dept. of Biotechnology, NIT Durgapur (W.B)	Member
3	Mr. Anup Kumar, Regional Head, Mumbai and Business Development Manager, Africa Himedia Laboratories Pvt. Ltd. Vadhani Industrial Estate, L.B.S. Marg, Mumbai (Maharashtra)	Member
4	Dr. Sivaramaiah nallapeta, Head, Business Operations, Nano Temper Technologies India, World Trade Center, 22nd Floor, Brigade Gateway Campus, Malleswaram (W), Bangalore (Karnataka)	Member

Resolution: Approved.

AC.109.14 REPORTING ITEMS

1. Registration, formation of Doctoral Committee	:	[42 Candidates]
2. Pre-Ph.D. Qualifying Papers	:	[42 Candidates]
3. Change/Modification in the Ph. D. Thesis/Title	:	[11 Candidates]
4. Addition / Change of Guide	:	[09 Candidates]
5. Reconstitution of Doctoral Committee	:	[09 Candidates]
6. De-Registration from the Ph.D. Programme	:	[12 Candidates]
7. Permission for Extension for Pursuing PhD.	:	[24 Candidates]
8. Permission for Re-admission	:	[04 Candidates]
9. Transfer from Full Time to Part Time	:	[07 Candidates]



10. Re-structuring of Departmental Academic Committee/ (DAC) / Off-Campus Academic Departmental Policy Committee (DPC) : [03 Departments]
(Architecture & Planning, BITEC, Lalpur, BITEC, Noida, BITEC, Deoghar, Remote Sensing, Mathematics)

Resolution: *Noted.*

The Academic Council approved Associate Dean from the Main Campus as a member of DAC of Off Campuses.

Addition /Change of Guide (Page No. 5 and S.No. 8 of the Reporting Items)

The guides of Pooja Verma (Roll No. PH.D./PE/10001/2016 shall be as under:

- i) Dr. Joyjeet Ghose (Guide)*
- ii) Dr. Gayatri Paul (Co-Guide)*
- iii) Dr. Vijay Pandey {Co-Guide (External)}*

AC.109.15 OPEN HOUSE DISCUSSION ON EXAMINATION MODALITIES (END-SEM, TESTS, LAB COMPONENTS)

Resolution: *The Council advised the Head of the Departments to shorten the duration of class tests, practical examinations, End-Semester Examination etc., to make the students feel comfortable in view of the fact that they were joining the physical mode of classes after a long duration.*

The Controller of Examination is advised to circulate guidelines for decentralized modality for conducting examinations.

ANY OTHER AGENDA WITH THE PERMISSION OF THE CHAIR.

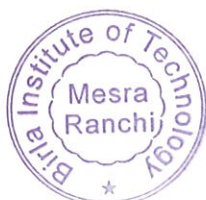
The Chairman allowed to include Supplementary Agenda as follows:

AC.109.16 REVISED OVERDUE FINE RULES FOR CENTRAL LIBRARY, BIT MESRA
The AD-PGS placed revised overdue fine rules for central library as discussed and recommended by the ACAP.

Resolution: Approved

New Fine Rules for Central Library to be implemented and applicable w.e.f. 01st April 2022.

The meeting concluded with a word of appreciation for the services rendered by Dr. Abhinav Dinesh as Director – BIT Off-Campus Jaipur and a vote of thanks to the Chair.



**Registrar & Member Secretary
Academic Council**

REGISTRAR
Birla Institute of Technology
Mesra, Ranchi-835215

Date: 25.04.2022

