



बिरला प्रौद्योगिकी संस्थान
BIRLA INSTITUTE OF TECHNOLOGY
वि० अनु० आ० अधिनियम १९६६ की धारा ३ के तहत मान्यता प्राप्त विश्वविद्यालय | A Deemed to be University u/s 3 of UGC Act, 1956
मेसरा, राँची- ८३५२१५ (भारत) | MESRA, RANCHI - 835 215 (INDIA)



MINUTES OF 118th MEETING
OF THE
ACADEMIC COUNCIL

Date: 27th May 2025 (Tuesday) & 12th June 2025 (Thursday)

Venue:

Institute Conference Hall
BIRLA INSTITUTE OF TECHNOLOGY
Mesra, Ranchi – 835 215 (INDIA)

AC.118.01 CONFIRMATION OF MINUTES OF 117th MEETING OF THE ACADEMIC COUNCIL

Resolution: *The Minutes of the 117th Meeting of the Academic Council held on 24th March 2025 is confirmed.*

AC.118.02 ACTION TAKEN REPORT: 117th MEETING OF THE ACADEMIC COUNCIL

The Action Taken Report is as below:

Item No.	Agenda Item	Action Taken
AC.117.01	CONFIRMATION OF MINUTES OF 116 th MEETING OF THE ACADEMIC COUNCIL	Implemented and notified
AC.117.02	ACTION TAKEN REPORT: 116 th MEETING OF THE ACADEMIC COUNCIL	Implemented and notified
AC.117.03	Ph.D. VIVA-VOCE APPROVAL FOR AWARD OF Ph.D. DEGREE (PROVISIONAL)	Implemented
AC.117.04	PROPOSAL FOR STARTING NEW COURSES IN BIT JAIPUR (A) M. Sc. Artificial Intelligence & Data Science (B) B. Sc. Artificial Intelligence & Data Science (C) B. Sc. Visual Communication (D) B. Sc. Business Analytics	Implemented (Formation of Course Structure under progress)
AC.117.05	PROPOSAL FOR STARTING NEW COURSES IN BIT NOIDA (A) B. Sc. (Hons./ Hons. with Research) Computer Science with Minor in Artificial Intelligence & Machine Learning / Data Science (B) B. Com. (Hons./Hons. With Research) with Minor in Financial Analytics	Implemented (Formation of Course Structure under progress)
AC.117.06	PROPOSAL FOR STARTING NEW COURSES IN BIT DEOGHAR (A) B. Sc. (Hons.) Mathematics & Computing (B) B. Sc. (Hons.) Artificial Intelligence & Machine Learning (C) Bachelor of Management Studies	Implemented (Formation of Course Structure under progress)
AC.117.07	PROPOSAL FOR STARTING NEW COURSE IN MESRA CAMPUS: Bachelor of Hotel Management (BHM) AND CLOSURE OF Bachelor of Hotel Management and Catering Technology (BHMCT) FROM A.Y. 2025 – 26	Implemented (Formation of Course Structure under progress)
AC.117.08	RATIFICATION OF RECOMMENDATIONS OF ADVISORY COMMITTEE FOR ACADEMIC PROGRAMME (ACAP)	Implemented
AC.117.09	REVISED ADMISSION CRITERIA FOR B. Arch. PROGRAMME FROM A.Y. 2025-26	Implemented
AC.117.10	MERGER OF SCIENCE DEPARTMENTS AT BIT PATNA CAMPUS	Implemented
AC.117.11	PROPOSAL FROM UNIVERSITY POLYTECHNIC (A) Revised Eligibility Criteria for Admission to Diploma in Engineering Programmes	Implemented



	(B) Course Structure and Syllabus of 1 st Year (1 st and 2 nd Semesters) for Diploma in Civil Engineering (C) Amendments in Ordinance for Diploma in Engineering Programmes (D) Registration Fee for Make-Up Examinations (E) Renaming of Academic and Executive Council of University Polytechnic	
AC.117.12	REGARDING COURSE STRUCTURE AND SYLLABUS OF BACHELOR IN MEDICAL LAB TECHNOLOGY (BMLT) AS PER NEP – 2020 (TO BE MADE EFFECTIVE FROM A.Y. 2025-26)	Implemented
AC.117.13	REGARDING REVISION OF COURSE STRUCTURE AND SYLLABUS FOR B. TECH. PROGRAMMES FROM THIRD TO EIGHTH SEMESTER AS PER NEP – 2020 GUIDELINES FOR THE ADMITTED STUDENTS IN A.Y. 2024-25 [MO 2024] AND ONWARDS	Implemented
AC.117.14	REGARDING RENAMING OF DEPARTMENTS IN BIT NOIDA (A) Department of Computer Science & Engineering to Department of Computer Science & Applications (B) Department of Management to Department of Management Studies	Implemented
AC.117.15	TO CONSIDER THE APPLICATION SUBMITTED BY FACULTY FOR PERMISSION TO BE A CO-SUPERVISOR OF EXTERNAL Ph.D. SCHOLARS	Implemented
AC.117.16	CONSTITUTION OF BOARD OF STUDIES	Noted
AC.117.17	RE-CONSTITUTION OF BOARD OF STUDIES	Implemented
AC.117.18	PROPOSALS FROM BIT JAIPUR	Point (a) and (b) referred to IACA Point (c) deferred
AC.117.19	PROPOSALS FROM BIT NOIDA	Point (a) and (b) referred to IACA
AC.117.20	REVISION OF COURSE CODES AND SYLLABUS OF VARIOUS COURSES OFFERED BY THE DEPARTMENT OF MATHEMATICS IN 3 rd AND 4 th SEMESTERS OF B. Tech. PROGRAMMES	Implemented
AC.117.21	REGARDING RENAMING OF DEPARTMENT OF REMOTE SENSING TO REMOTE SENSING AND GEOINFORMATICS	Implemented
AC.117.22	REPORTING ITEMS	Noted
AC.117.23	PROPOSAL FOR STARTING NEW COURSE IN BIT PATNA: INTEGRATED M. Sc. IN MATHEMATICS & COMPUTING FROM A.Y. 2025 – 26	Implemented

Resolution: **Noted.**



AC.118.03 Ph.D. VIVA-VOCE APPROVAL FOR AWARD OF Ph.D. DEGREE (PROVISIONAL)

The Academic Council considered the recommendations of the respective Viva-Voce Boards of the 13 Ph.D. Scholars and approved the award of Ph.D. Degree to them provisionally.

Resolution: *Based on the recommendations of the Viva-Voce Board, the Academic Council approved the award of Ph.D. degrees provisionally to the 13 Ph.D. Scholars.*

S. No.	Name	Roll No.	Department	Ph.D. Degree in	Campus	Mode
1.	Uzma Afreen	PHD/BE/10053/18	Bioengineering & Biotechnology	Science	Mesra	Full Time
2.	Uzma Afreen	PHD/BE/10058/17	Bioengineering & Biotechnology	Science	Mesra	Full Time
3.	Prerna Srivastava	PHD/BE/10009/20	Bioengineering & Biotechnology	Science	Mesra	Part Time
4.	Leena Priya	PHD/AC/10004/21	Chemistry	Science	Mesra	Full Time
5.	Soumya Pandey	PHD/CEE/10051/19	Civil & Environmental Engineering	Engineering	Mesra	Full Time
6.	Annu Mishra	PHD/CS/10059/19	Computer Science & Engineering	Engineering	Noida	Full Time
7.	Rohit Kumar	PHD/EE/10003/20	Electrical & Electronics Engineering	Engineering	Mesra	Full Time
8.	Prem Nath Suman	PHD/EC/10001/20	Electronics & Communication Engineering	Engineering	Mesra	Full Time
9.	Pammi Kumari	PHD/EC/10003/19	Electronics & Communication Engineering	Engineering	Mesra	Full Time
10.	Preeti Aagneya	PHD/MB/10005/17	Management	Management	Mesra	Full Time
11.	Ravi Shankar Rai	PHD/MB/10017/13	Management	Management	Noida	Part Time
12.	Reetuparna Acharya	PHD/PH/10051/18	Pharmaceutical Science & Technology	Pharmacy	Mesra	Full Time
13.	Priyanka Chandra	PHD/PH/10058/19	Pharmaceutical Science & Technology	Pharmacy	Mesra	Full Time

AC.118.04 RATIFICATION OF MINUTES OF THE 79th MEETING OF THE EXAMINATION COMMITTEE

Minutes of the 79th Meeting of the Examination Committee regarding **Guidelines on Punishment and Reform Initiatives for Using Unfair Means (UFM) during Examinations** are as detailed below:

The following actions, in part or totality, but not limited to, will amount to a violation of ethical conduct rules and permissible behaviour in an examination session or related academic assessment activities and constitute sufficient grounds to attract disciplinary actions and penalties:

1. Communication with fellow students during the examination session.
2. Possessing and/or exchanging academic notes and materials to secure undue advantage.
3. Illegal use or possession of electronic gadgets or devices in violation of guidelines.
4. Misuse of social media handles or digital platforms during the examination
5. Misusing temporary breaks during the examination period to find answers to the questions.
6. Aiding and abetting unfair means to fellow students.
7. Misbehaving with or challenging the Invigilators or Examination Staff.



8. Removal or tampering with the answer scripts.
9. Impersonation in the oral/written examination, viva, laboratory sessions, term papers, and assignments.
10. Any other forms of misconduct that amounts to resorting to unfair means.

In the event of any student found and ascertained guilty of any one or more of the above-cited nature of misconduct and violation of ethical standards applicable to the examinees, the following punishment(s) will be awarded, as determined appropriate by a Competent Committee or Authority:

1. **Cancellation of the Answer Script for the given Examination:** The student will be awarded zero (0) marks in the paper concerned for that particular examination component (Mid Semester, End Semester, Internal Assessment, or Sessional Examination).
2. **Award of "F" Grade with Re-Registration Option:** The student may be awarded "F" grade in the concerned paper but may be permitted to re-register for the said course in the next Make - Up Examination or Short Semester.
3. **Award of "F" Grade with Limited Re-Registration Opportunity:** The student may be awarded "F" grade in the concerned paper and be permitted to re-register only in the Short Semester as per academic regulations.
4. **Provision for Special Consideration for the Students reported with UFM but having valid evidence of External Career Assignment or Offer:** (i) If a pre-final year student scheduled to join a bonafide internship or training during the ensuing vacation or semester or a similar assignment related to his/her course curriculum, or (ii) if a final year student having written offer of a firm placement/internship or admission for higher studies, the concerned maybe allowed to register for Make – Up at the discretion of the Competent Committee or Authority without/with additional penalty.

In all the above-stated cases, the concerned student, willing to seek a partial reprieve, must furnish a written apology with admission of his/her misconduct and an undertaking duly countersigned by the concerned guardian that he/she would never violate any of the disciplinary norms of the Institute in future, failing which, he/she would readily accept a much stricter punishment including termination or rustication.

The above guideline has been approved by the Hon'ble Chairman of the Academic Council and is placed for ratification.

Resolution: **Ratified.**

AC.118.05 RATIFICATION OF RECOMMENDATIONS OF ADVISORY COMMITTEE FOR ACADEMIC PROGRAMME (ACAP)

The Advisory Committee for Academic Programme (ACAP) in its 106th and 107th Meeting dated 07th April 2025 and 20th May 2025, respectively, perused and recommended the following which were approved by the Hon'ble Chairman of the Academic Council and placed for ratification.



(a) **Regarding Change/Relaxation in Policy for Grant of Institute Research Scholarship (IRS) to Ph.D. Scholars**

(A) **Increment before Two (02) Years i.e. from the Date of Acceptance of Paper:** The ACAP Members perused the IRS Policy (Ref.: ACAP.97.01 and AC.115.05 Point (s)) and recommended the following:

1st Enhancement: The enhancement in the scholarship from Rs. 15,000.00 to **Rs. 20,000.00** on acceptance of one (01) journal paper indexed in SCI/SSCI/AHCI/SCIE or two (02) journal papers indexed in SCOPUS/ABDC under the authorship of IRS, Guide and Co-Guide(s) only with IRS as the first author shall be considered after the initial period of one (01) year from the starting date of scholarship or the date of acceptance of the journal paper(s), whichever is later.

2nd Enhancement: Also, the scholarship shall further be enhanced to **Rs. 25,000.00** on acceptance of another journal paper indexed in SCI/SSCI/AHCI/SCIE or two (02) journal papers indexed in SCOPUS/ABDC under the authorship of IRS, Guide and Co-Guide(s) only with IRS as the first author from the date of acceptance of the journal paper(s).

If an IRS publishes the second journal paper(s) also before one (01) year from the starting date of scholarship, the same shall be directly enhanced to Rs. 25,000.00 and still start at the end of one (01) year only.

The scholarship shall be provided for a maximum period of four (04) years from the date of joining or till submission of thesis, whichever is earlier. Rest all items as per the earlier notified policy remains unchanged.

(B) **Grade Requirement of 'C' or above for continuation of IRS:** The policy shall remain unchanged.

(C) **Start of IRS / Arrear Payments after Four (04) Years of Ph.D. Tenure:** The policy shall remain unchanged.

(b) **Regarding Registration of 15.00 Credits in Short Semester:** The ACAP Members recommended the following amendments for Short Semester 2025 and onwards in the UG & PG Ordinance and Examination Regulations.

All UG & PG Programmes except B. Arch.: Up to 15.00 Credits

B. Arch. Programme: Up to 15.00 Credits. However, if a student intends to register for a course which is greater than 10.00 Credits, another course up to 4.00 Credits shall be permitted. The total registered credits in this case cannot exceed 17.50 Credits.

(c) **Regarding Course Codes and Names for Ph.D. Course Work:** The ACAP Members recommended the following nomenclature to be used for Ph.D. Course Work:



Group	S. No.	Course Code	Course Name	Credit(s)
Group – A	1. (a)	MT601	Research Methodology	4.00
	1. (b)	MCMT601	Research Methodology (MOOC)	4.00
	2.	TR701	Literature Review (Term Paper – I)	3.00
	3.	TR702	Literature Review (Term Paper – II)	3.00
Group – B	1.	MCXX8001	Massive Open Online Course - I	4.00
	2.	MCXX8002	Massive Open Online Course - II	4.00
Group – C	1.	MCXX8003	Massive Open Online Course - III	3.00
	2.	MCXX8004	Massive Open Online Course - IV	3.00
	3.	MCXX8005	Massive Open Online Course - V	3.00
	4.	MCXX8006	Massive Open Online Course - VI	3.00
	5.	MCXX8007	Massive Open Online Course - VII	3.00
	6.	MCXX8008	Massive Open Online Course - VIII	3.00
	7.	MCXX8009	Massive Open Online Course - IX	3.00
	8.	MCXX8010	Massive Open Online Course - X	3.00
Group – D	1.	MCXX8011	Massive Open Online Course - XI	2.00
	2.	MCXX8012	Massive Open Online Course - XII	2.00

Where XX stands for the abbreviated form of Department, as under:

S. No.	Name of the Department	Abbreviated Name
1.	Architecture and Planning	AR
2.	Bioengineering and Biotechnology	BE
3.	Chemical Engineering	CH
4.	Centre for Quantitative Economics and Data Science	QE
5.	Civil and Environmental Engineering	CE
6.	Chemistry	AC
7.	Computer Science and Engineering	CS
8.	Electronics and Communication Engineering	EC
9.	Electrical and Electronics Engineering	EE
10.	Humanities and Social Sciences	HS
11.	Management	MB
12.	Mathematics	AM
13.	Mechanical Engineering	ME
14.	Pharmaceutical Science and Technology	PH
15.	Physics	AP
16.	Production and Industrial Engineering	PE
17.	Remote Sensing	RS
18.	Space Engineering and Rocketry	SR



Group – A: Ph.D. Scholar shall opt for either 1 (a) or 1 (b) i.e. Regular Course or MOOC on Research Methodology in addition to 2 and/or 3, as per requirement.

Group – B, C and D: Ph.D. Scholar shall opt for the courses opted in MOOC from the three groups as per requirement.

- (d) **Regarding Allocation of Mentors for Mentees from the Same Department w.e.f. A.Y. 2025 – 26:** The ACAP Members perused the matter and recommended that the Mentors shall be allocated from the same department as of the mentee w.e.f. A.Y. 2025 – 26 i.e. the students admitted in MO 2025 and onwards. It has also been proposed to make the necessary amendments in the Standard Operating Procedure (SOP) for Allocation of Mentor-Mentee from the said batch. The allocation of Mentors till MO 2024 batch shall remain same.
- (e) **Academic Calendar for Monsoon 2025 [MO 2025] – Diploma, UG, PG and Ph.D.:** Academic Calendar for Monsoon 2025 [MO 2025] – for all Diploma, UG, PG and Ph.D. Scholars were sent to the Head of the Departments (HoDs), Directors and Deans for inputs/feedbacks/ suggestions. The suggestions received were discussed and incorporated in the draft calendars. The ACAP Members directed to discuss the input received and recommended publishing the same with necessary amendments.

Resolution: *Ratified and suitable amendments to the Ordinance may be proposed.*

AC.118.06 PROPOSAL FROM DEPARTMENT OF PHYSICS

- (A) **Inclusion of Biophysics and Biomaterials for Integrated M. Sc. (Physics) : 5th year and M. Sc. (Physics) : 2nd Year**
- (B) **Revision of Syllabus for PH503 Laser Physics & Applications, PH513 Laser Physics Laboratory and PH106 Waves & Optics**

Proposals were received from Department of Physics regarding inclusion of Biophysics and Biomaterials for Integrated M. Sc. (Physics) : 5th Year and M. Sc. (Physics) : 2nd Year and Revision of Syllabus for PH503 Laser Physics & Applications, PH513 Laser Physics Laboratory and PH106 Waves & Optics.

Resolution: *Approved.*

AC.118.07 PROPOSAL FROM BIT NOIDA

- (A) **Change in the nomenclature of the approved programmes in the 117th Meeting of the Academic Council held on 24th March 2025 (Monday) vide Agenda Item AC.117.05**
- (B) **Approval of the Course Structure of B. Com. (Hons./Hons with Research)**

Proposal was received from BIT Noida regarding the change in nomenclature of the approved programmes in the 117th Meeting of the Academic Council held on 24th March 2025 (Monday) as detailed below:



(a) B. Sc. (Hons./Hons. with Research) Computer Science

(b) B. Com. (Hons./Hons. with Research)

Artificial Intelligence & Machine Learning / Data Science related courses shall be included as Discipline Specific Elective (DSE) Courses in the Course Structure of B. Sc. (Hons./Hons. with Research) and Financial Analytics related courses shall be included as Discipline Specific Elective (DSE) Courses in the Course Structure of B. Com. (Hons./Hons. with Research).

The above along with the Course Structure of B. Com. (Hons./Hons. with Research) were placed before the Academic Council for approval.

Resolution: **Approved.**

AC.118.08 PROPOSAL FROM UNIVERSITY POLYTECHNIC

The proposals received from University Polytechnic are detailed below:

(a) Modification and Revision of Course Structure for all branches

The credit allocation and practical hours of sessional courses for the following courses were proposed in line with the recommendations of the Board of Studies (BoS).

Course Code	Course Title	L	T	P	Lecture Hours	Credits
DES102	Engineering Graphics	0	0	3	03 Hours	1.50
DES104	Engineering Workshop Practice	0	0	3	03 Hours	1.50

(b) Syllabus for 3rd Year (5th and 6th Semesters) for all branches

Syllabus for the Diploma in the following Engineering programmes as per the recommendations of the respective Board of Studies (BoS).

- (i) Computer Engineering
- (ii) Automobile Engineering
- (iii) Electronics and Communication Engineering
- (iv) Electrical and Electronics Engineering
- (v) Mechanical Engineering

Resolution: **Approved.**

AC.118.09 CONSTITUTION OF BOARD OF STUDIES

Proposal was received from the University Polytechnic for the constitution of Board of Studies for Diploma in Civil Engineering.

Resolution: **Approved.**

AC.118.10 RE-CONSTITUTION OF BOARD OF STUDIES

Proposals were received from the following departments for the re-constitution of the Board of Studies.



- (a) Department of Humanities & Social Sciences
- (b) Department of Management
- (c) Department of Computer Science & Engineering

Resolution: Approved.

AC.118.11 PROPOSAL FROM DEPARTMENT OF SPACE ENGINEERING & ROCKETRY

Proposal received from Department of Space Engineering & Rocketry based on the recommendations of High-Level Panel Meeting chaired by Dr. B. N. Suresh (Chancellor, IIST & Former Director, VSSC), along with other Distinguished Experts from ISRO, DRDO, Academia, and Industry were placed before the Academic Council for approval.

(a) Rebranding of the Department

The department to be renamed **Aerospace Engineering** to broaden its academic and research scope.

(b) Expansion of Specialization

Specializations are to be offered in various areas, particularly in **Structures and Guidance & Control**.

(c) Offering Minor Courses

It has been proposed to offer Minor Courses in **Aerospace or Rocket Technologies** within existing undergraduate programmes.

(d) Initiating Interdepartmental Activities

Interdepartmental activities to be taken up for the promotion of collaborative research and curriculum development.

Resolution: Approved.

AC.118.12 REPORTING ITEMS

S. No.	Reporting Item	Count
1.	Change/Modification in the Ph. D. Thesis/Title	06 Candidates
2.	Reconstitution of Doctoral Committee (D.C.)	24 Candidates
3.	Addition/Change of Guide	08 Candidates
4.	De-Registration from the Ph.D. Programme	03 Candidates
5.	Permission of Extension for Pursuing Ph.D.	03 Candidates
6.	Transfer from Full Time to Part Time	06 Candidates
7.	Reconstitution of Departmental Academic Committee (DAC)	02 Departments

Resolution: Noted.



AC.118.13 PROPOSAL FROM THE DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES REGARDING REVISION OF SYLLABUS FOR HS24131: COMMUNICATION SKILLS – I

As per the recommendations of Board of Studies (BoS), proposal was received from the Department of Humanities & Social Sciences regarding the revision of Syllabus for HS24131: Communication Skills – I offered to both UG and PG Students w.e.f. A.Y. 2025 – 26 [MO 2025] and placed before the Academic Council for approval.

Resolution: Approved.

AC.118.14 PROPOSAL FROM THE DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING REGARDING INTRODUCTION OF NEW PROGRAMME: M.Sc. (Environmental Science and Technology) AND CLOSURE OF EXISTING PROGRAMME: M.Sc. (Environmental Science and Management) FROM A.Y. 2025 – 26.

Proposal was received from the Department of Civil and Environmental Engineering regarding introduction of new programme: M. Sc. (Environmental Science and Technology) and closure of existing programme: M. Sc. (Environmental Science and Management) from A.Y. 2025 – 26 and placed in an Emergent Meeting of the Academic Council (in continuation to the 118th Meeting held on 27th May 2025) for approval held on 12th June 2025 (Thursday).

Resolution: Approved.

Date: 20.06.2025 (Friday)
Place: BIT Mesra, Ranchi


Registrar
Birla Institute of Technology
Mesra, Ranchi-835215
Member Secretary
(Academic Council)
and
Registrar (Acting)

