



**MINUTES OF MEETING OF ACADEMIC COUNCIL HELD ON**  
**13 DECEMBER 2024 AT JIIT, SECTOR 62, NOIDA (UP)**

**General**

Academic Council meeting of Jaypee University of Information Technology, Wagnaghat was held at 11.00 AM on 13 December, 2024 at JIIT, Sector 62, NOIDA (UP).

The Chairman, Academic Council extended a warm welcome to all the members present in the meeting and expressed thanks to the members for making it convenient to attend the said meeting of the Academic Council of Jaypee University of Information Technology, Wagnaghat.

**Welcome to the Newly Inducted Members of the Academic Council**

Prof (Dr) Rajendra Kumar Sharma, Chairman, Academic Council, Vice Chancellor, JUIT Wagnaghat, extended warm welcome to the newly inducted members of the Academic Council - Shri Manu Bhaskar Gaur, Chief Executive Officer, JUIT and Brigadier Raj Kumar Sharma, SM (Retd), Registrar & Dean of Students, JUIT.

**Thanks giving to the Outgoing Members of the Academic Council**

He also appreciated the contributions made by the outgoing members - Lt Gen Ravindra Mohan Chadha, PVSM, AVSM (Retd), Ex Director, Jaiprakash Power Ventures Ltd and Maj Gen Rakesh Bassi, SM (Retd), Ex Registrar & Dean of Students, JUIT.

**Attendance**

The following members were present:

**Chairman**

Prof. Rajendra Kumar Sharma Vice Chancellor, JUIT, Wagnaghat

**Distinguished Academicians nominated by the Pro-Chancellor**

Padam Shri (Dr) Satish Kumar Ex-Director, NIT Kuruksheta, Haryana  
Prof. Lalit Kumar Awasthi Vice Chancellor, Sardar Patel University, Mandi, (H.P.)

**Industry Professionals nominated by the Pro-Chancellor**

Sh. Sunil Sharma Vice Chairman, Jaiprakash Associates Ltd.  
Sh. Manu Bhaskar Gaur Chief Executive Officer, JUIT, Wagnaghat

**Head of the Other Institution of the Trust**

Prof. S.C. Saxena Pro-Chancellor, JIIT, Noida

**The Dean of all Faculty of the University**

Prof. Ashok Kumar Gupta Dean (Academics & Research), JUIT, Wagnaghat



**Heads of the Departments / Centres of the University**

Prof. P. B. Barman	HoD PMS
Prof. Sudhir Kumar	HoD BT&BI
Prof. Ashish Kumar	HoD CE
Prof. Vivek Sehgal	HoD CSE/IT
Prof. Rajiv Kumar	HoD ECE
Prof. Rakesh Kumar Bajaj	HoD Mathematics
Prof. Amit Srivastava	HoD HSS

**Professors other than Heads of Departments**

Prof. Sunil Kumar Khah	CoE
Prof. Vineet Sharma	Deptt of PMS

**Non-Member Secretary**

Brigadier Raj Kumar Sharma, SM (Retd) Registrar and Dean of Students

**Leave of Absence, if any**

Nil

**Agenda Items**

**ITEM NO. 01/2024-1 CONFIRMATION OF MINUTES OF LAST MEETING OF THE ACADEMIC COUNCIL (ACM)**

Minutes of the meeting of the last ACM held on 28 June 2023 were forwarded to the members and no comments were received from the members. Accordingly, the minutes of the last meeting of the council held on 28 June 2023 were confirmed by the Academic Council.

**ITEM NO. 02/2024-1 ACTION TAKEN REPORT ON THE MINUTES OF THE MEETING OF THE LAST ACADEMIC COUNCIL HELD ON 28 JUNE 2023**

The actions taken on the items approved in the last ACM dated 28 June 2023 were ratified by the Academic Council.

**ITEM NO. 03/2024-1 APPROVAL FOR CHANGES IN THE WILLIAM WEBSTER MERIT-CUM-MEANS SCHOLARSHIP SCHEME**

The proposal for changes in the William Webster Merit-Cum-Means Scholarship Scheme was proposed pertaining to continuation of the scholarship in subsequent year(s). As per the existing scheme, student who has been selected during the year of induction i.e. first year for the scholarship, continue to avail the benefit of the scholarship in subsequent year(s), subject to meeting the minimum CGPA of 7.0 on a 10-point scale and meeting the annual income criteria as defined in the scholarship scheme.



Changes pertaining to selection of fresh student during every Academic year, based on merit-cum-means were proposed, rather than allowing continuation of the earlier awardee student.

The proposed item was considered by the Council and Council opined not to make any changes in the existing scheme since this scheme is common to all the JUs and the scholarship is allowed to the student based on merit-cum-means during the year of induction only. The student who has been selected during the year of induction cannot be deprived of the benefits of the scheme, provided he meets the continuation criteria as defined in the scheme.

The item was further deliberated by the Council and it has been decided that in the event of discontinuation of scholarship due to not meeting the continuation criteria, the benefit of the scheme may be offered to some fresh student of the batch, not as an amendment in the scheme, but as a special case with the permission of the competent authority. In such cases, Chief Executive Officer, JUIT will be the competent authority for allowing benefit of the scheme to some fresh student on merit-cum-means basis.

**ITEM NO. 04/2024-1 APPROVAL FOR WITHDRAWAL OF PROVISIONAL DEGREE OF MR. RISHAB ROY, ENROLMENT NO. 171832 BY SPECIAL RESOLUTION OF THE ACADEMIC COUNCIL, AS PER CLAUSE 18 OF THE FIRST STATUTE OF THE JAYPEE UNIVERSITY**

Approval for withdrawal of Provisional Degree of Mr. Rishab Roy, Enrolment No. 171832 by the special Resolution of the Academic Council, as per Clause 18 of the First Statute of the Jaypee University, was proposed to the Council.

Mr. Rishab Roy S/o Mr. Nirmal Kumar, Enrolment No. 171832 was admitted to BTech (Biotechnology) program in the Academic Session 2017-18. The said student had submitted the forged (10+2) mark-sheet while admitting to the programme. An anonymous complaint of submission of forged (10+2) mark-sheet by Mr. Rishab Roy, for taking admission to the BTech (Biotechnology) program, was reported to the University.

Student and his parents were given sufficient time to prove the genuineness of the submitted (10+2) mark-sheet, but they failed to support their claim and were asked to return the issued original documents, i.e., Provisional Degree Certificate, Migration Certificate and Character certificate through the legal notices served to the student and his parents dated 11 September 2023 and 10 November 2023 respectively.

The Academic Council deliberated on the issue and recommended to sensitize the process of document verification at the time of admission. The Council agreed to exploit Clause 18 of the First Statute of the Jaypee University, empowering the Council to withdraw any degree of academic distinction in such cases by a special resolution passed by a majority of not less than two-third members present and voting of the Academic Council. Student and parents were given sufficient time through written notice to prove authenticity of the (10+2) mark-sheet under the provisions of the Clause 18 of the First Statute of the University.



Accordingly, the Academic Council approved the withdrawal of all the academic documents conferred / issued to Mr. Rishab Roy, Enrolment No. 171832.

**ITEM NO. 05/2024-1 EXEMPTION OF ATTENDANCE REQUIREMENT FOR REGISTRATION OF BACKLOG COURSES**

As per the existing academic regulations, attendance requirement is common to all the students registering for the course(s), irrespective of regular or backlog course(s) during a Semester.

Student registering for the backlog course(s) due to failing the subject / course, and who has already completed the mandate attendance requirement, is allowed to appear in the final T3 Examination after clearing the attendance requirement of the said backlog course(s) of the semester wherein backlog course is registered.

It was proposed that student who has already met the attendance requirement of the course(s) during the regular Semester and was allowed to appear in the T3 examination, but failed in the course(s), may be allowed attendance exemption while registering the said course(s) / subject(s) as a backlog course in the subsequent attempt / Semester.

This provision will allow attendance exemption for appearing in the final T3 Examination of the said course(s) / subject(s) registered as backlog course(s) in the subsequent attempt / Semester. However, all the examination components i.e. T1, T2, T3 & TA of such backlog course(s) registered in the subsequent attempt / Semester shall be adhered to. Such student shall be exclusively tagged with the course coordinator(s) of the subject(s).

The proposed item was considered and deliberated by the Council and item as proposed was approved by the Council.

**ITEM NO. 06/2024-1 TO CONSIDER AND APPROVE THE AMENDMENTS IN THE SECTION RELATED TO COURSE WORK CREDIT REQUIREMENT FOR PHD PROGRAMME IN THE PHD ORDINANCE**

As per the existing PhD Regulations every student admitted to the PhD Programme has to earn minimum credits towards the completion of course work, as specified in Column "Existing" in the table below. However, UGC has notified in their "UGC Minimum Standards and Procedures for Award of PhD Degree Regulations, 2022", wherein UGC has mandated a minimum of 12 credits towards the PhD course work, comprising credits towards Research and Publication Ethics and Research methodology courses.

Considering the above UGC regulations, the following changes in the credit requirements towards PhD course work were proposed.

  
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<b>Entry Qualification</b>	<b>Existing Minimum Course work Credits required (including Mandatory Courses)</b>	<b>Proposed Minimum Course work Credits required (including Mandatory Courses)</b>
MTech – Engg / Technology	09	12
MPhil in Science / Humanities / Social Sciences, MBA, MPharma	12	12
Master Degree in Sciences / Humanities / Social Sciences, MCA	15	15
BTech – Engg / Technology	-	18

As minimum 12 credits towards PhD course work have been mandated by the “UGC Minimum Standards and Procedures for Award of PhD Degree Regulations, 2022”, the Council unanimously agreed to the proposed item and item as proposed was approved by the Council. The approved minimum course credit requirement shall be as under:

<b>Entry Qualifications</b>	<b>Approved Minimum Course work Credits required (including Mandatory Courses)</b>
MTech – Engg / Technology	12
MPhil in Science / Humanities / Social Sciences, MBA, MPharma	12
Master Degree in Sciences / Humanities / Social Sciences, MCA	15
BTech – Engg / Technology	18

The above change shall be effective from the date of its approval.

**ITEM NO. 07/2024-1 TO CONSIDER AND APPROVE THE AMENDMENT IN THE SECTION RELATED TO MINIMUM QUALIFICATIONS FOR ADMISSION TO PhD PROGRAMME IN PhD ORDINANCE**

The amendments in the section related to Minimum Qualifications for admission to PhD Programme in PhD Ordinance were proposed for consideration and approval by the Council.

The proposed minimum qualifications for admission to PhD Program are in consonance with the “UGC Minimum Standards and Procedures for Award of PhD Degree Regulations – 2022”. The Council considered the proposed minimum qualifications for admission to PhD Program and approved the same as follows:



**Approved Minimum qualifications for Admission to PhD Programme**

- A 1-year/2-semester (or 2-year/4-semester) Master's Degree Programme after a 4-year/8-semester Bachelor's Degree Programme **or** a 2-year/4-semester Master's Degree Programme after a 3-year Bachelor's Degree Programme **or** qualifications declared equivalent to the Master's Degree by the corresponding statutory regulatory body, with at least 60% marks in aggregate **or** CGPA not less than 06 on a scale of 10.
- 4-year/8-semester Bachelor's Degree Programme with 75% aggregate marks **or** CGPA not less than 7.5 on a scale of 10.
- Consistently good academic record / performance.

The above changes shall be effective from the date of their approval.

**ITEM NO. 08/2024-1 TO CONSIDER AND APPROVE THE AMENDMENTS IN THE SECTION RELATED TO APPRAISALS, ASSESSMENT AND EVALUATION IN THE PhD ORDINANCE**

The following amendments in the section related to Appraisals, Assessment and Evaluation in the PhD Ordinance were proposed for consideration and approval by the Academic Council:

<b>Existing</b>	<b>Proposed</b>
A PhD Scholar must have published at least four research papers from the thesis work, out of which, three must be in SCI/SCOPUS/SCIE/ Webs of Science indexed journals.	A PhD Scholar must have published at least three papers, out of which two must be in reputed, referred, indexed in SCI/SCOPUS/SCIE/Webs of Science indexed journals, preferably having Thomson Reuter Impact Factor of $\geq 0.2$ and cited journals.

The Council considered the above proposed amendments and after due deliberation, the proposed item was not approved. The existing paper publication norms in the PhD Ordinance shall continue as hither-to-fore.

**ITEM NO. 09/2024-1 TO CONSIDER AND APPROVE INTRODUCTION OF NEW UNDERGRADUATE PROGRAM "BACHELOR OF COMPUTER APPLICATIONS (BCA) FROM ACADEMIC SESSION 2025-26**

Department of Mathematics and Department of Computer Science & Information Technology have proposed for introduction of a new undergraduate program, "Bachelor of Computer Applications (BCA)", from the Academic Session 2025-26. The proposed item was considered by the Council and after due deliberations, introduction of this new undergraduate program, "Bachelor of Computer Applications (BCA)", with a sanctioned



intake of 30 seats to the program, minimum eligibility criteria, Tuition Fee and onetime admission charges as stipulated below were approved by the Council.

**Minimum eligibility criteria for admission to the BCA program:**

**“Candidate should have passed (10+2) or equivalent examination with a minimum of 55% (50% for SC / ST) aggregate marks from the Board recognized by the Council of Boards of School Education India (COBSE)”.**

**Tuition Fee and one time Admission Charges for the BCA program:**

Fee Head	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3d Year
Tuition Fee (Rs)	1,61,000/-	1,69,000/-	1,77,000/-

One time Admission Charges: Rs 10,000/-

**ITEM NO. 10/2024-1 TO CONSIDER AND APPROVE CREDIT TRANSFER OF ONLINE COURSES UPTO 40% OF THE TOTAL COURSES IN A PROGRAMME IN A SEMESTER AND CONDUCT OF END TERM EXAMINATION OF SUCH SWAYAM COURSES BY THE UNIVERSITY**

UGC vide D.O. F.No.1-8/2017(SWAYAM) dated 27 August, 2024 notified the Framework for Universities for conduct of examination for SWAYAM Courses. As per this Framework, Universities are allowed for assessment and conduct of End-Term examination by itself for 70% component and assessment for balance 30% of the component shall be done through the Quizzes / Assignments by the SWAYAM Course Coordinator.

However, to take up the assessment and conduct of End Term examination for 70% component, there is a mandated requirement for adoption and approval of Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds Regulations, 2021 by the Statutory body of the University concerned, like the Academic Council **OR** Senate of the University concerned, wherein credit transfer of such courses upto 40% of the total courses in a programme in a Semester has to be approved.

Accordingly, it was proposed that JUIT Waknaghat may adopt the Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds Regulations, 2021 and allow the following:

1. Credit transfer of online courses upto a maximum limit of 40% of the program courses in a semester.
2. Assessment of End Term Examination (70% component) by the University itself.

The Council deliberated on the above proposed item and approved as under:

1. Credit transfer of online courses upto a maximum limit of 40% of the program courses in a Semester – considered and approved by the Council.
2. Assessment of End Term Examination (70% component) by the University itself – considered and approved by the Council.

  
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**ITEM NO. 11/2024-1 APPROVAL FOR LIST OF SUBJECT EXPERTS FOR FACULTY SELECTIONS**

Various departments have identified the subject experts considering the expertise in the field of their respective departments for selection of the faculty in their respective departments.

Prof. S C Saxena suggested to include the names of faculty members from JIIT, Noida and JUET, Guna in the list of experts for the selection of faculty members considering the area of expertise of the faculty. It was decided by the Academic Council that after inclusion of the faculty members from JIIT Noida and JUET, Guna, the revised list shall be considered as approved.

**ITEM NO. 12/2024-1 APPROVAL FOR SANCTIONED ANNUAL INTAKE FOR ADMISSIONS ACADEMIC SESSION 2025-26**

The seat intake for the Academic Session 2025-26 was proposed for approval by the Council. Prof. S C Saxena opined that the sanctioned intake for the specific program should be defined separately and flexibility to move within the sanctioned intake of the program can only be offered within the specific program and its specializations only. Merging of the intake cannot be offered to the broader areas like, ECE, ECS and EE (VLSI Design & Technology), since each stream is an independent program. The Council considered the same and the seat intake for Academic Session 2025-26 has been approved as under:

<b>Undergraduate Programs (BTech)</b>	
<b>Program</b>	<b>Approved Intake for Academic Session 2025-26</b>
Computer Science & Engineering	540 #
Information Technology	30
Mathematics & Computing	30
Civil Engineering	30
Biotechnology	30
Bioinformatics	30
Electronics & Communication Engineering (ECE)	30 *
Electronics & Computer Science (ECS)	
Electronics Engineering (VLSI Design & Technology)	30
<b>Total</b>	<b>750</b>

# Including 05 specializations i.e. CSE with specialization in Artificial Intelligence and Machine Learning, CSE with specialization in Artificial Intelligence and Data Science, CSE with specialization in Cyber Security, CSE with specialization in UX-UI Design, CSE with specialization in Full Stack Software Development, with a flexibility to move between CSE and its specializations within the sanctioned intake of 540 seats.

\*With a flexibility to move in ECE & ECS within the sanctioned intake of 30 seats.



<b>Other Undergraduate Programs</b>	
<b>Program</b>	<b>Approved Intake for Academic Session 2025-26</b>
BBA (with specialization in Finance / Marketing / HR / Business Analytics)	30
BCA (with specialization in Artificial Intelligence – Machine Learning/Artificial Intelligence - Data Science)	30
<b>Total</b>	<b>60</b>

<b>Program (MSc)</b>	<b>Approved Intake for Academic Session 2025-26</b>
MSc (Biotechnology)	30
MSc (Microbiology)	30
<b>Total</b>	<b>60</b>

<b>Program (MTech)</b>	<b>Approved Intake for Academic Session 2025-26</b>
MTech - Computer Science & Engineering (CSE) MTech - CSE with specialisation in Information Security MTech - CSE with specialisation in Data Science	18
MTech - Electronics & Communication Engineering (ECE) MTech - ECE with specialisation in Internet of Things	18
MTech - Biotechnology	18
MTech - Construction Management MTech - Structural Engineering MTech - Environmental Engineering	18
<b>Total</b>	<b>72</b>

<b>Program (PhD)</b>	<b>Approved Intake for Academic Session 2025-26</b>
PhD - Computer Science & Engineering PhD - Civil Engineering PhD - Biotechnology PhD - Bioinformatics PhD - Electronics & Communication Engg PhD - Mathematics PhD - Physics & Materials Science PhD - Humanities & Social Sciences	Seats subject to the availability of Supervisors in each department.



**ITEM NO. 13/2024**      **APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF CIVIL ENGINEERING**

**1(a) BOARD OF STUDIES (BoS) OF DEPARTMENT OF CIVIL ENGINEERING HELD ON 11 MAY 2024.**

Department of Civil Engineering through its Board of Studies (BoS) held on 11 May 2024 has recommended to consider and approve modifications and restructuring of Course Structure of BTech in Civil Engineering.

The council considered and approved the proposed courses structure of BTech in Civil Engineering with a condition that basic structure like credit distribution for core courses, professional electives and open electives, and number of credits in a semester / program should remain common across all the programs.

**ITEM NO. 14/2024**      **APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF BIOTECHNOLOGY / BIOINFORMATICS**

**1 (a) BOARD OF STUDIES (BoS) OF DEPARTMENT OF BIOTECHNOLOGY / BIOINFORMATICS HELD ON 17 JUNE 2024**

Department of Biotechnology and Bioinformatics through its Board of Studies held on 17 June 2024 recommended the following items for approval by the Academic Council:

1. To consider and approve modifications and restructuring of Course Structure of BTech in Biotechnology.
2. To consider and approve modifications and restructuring of Course Structure of BTech in Bioinformatics.

The council considered and approved the proposed courses structure of BTech in Biotechnology and BTech in Bioinformatics with a condition that basic structure like credit distribution for core courses, professional electives and open electives, and number of credits in a semester / program should remain common across all the programs.

**ITEM NO. 15/2024**      **APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**15.1 (a) BOARD OF STUDIES (BoS) OF DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING HELD ON 14 JUNE 2024**

Department of Electronics & Communication Engineering through its Board of Studies held on 14 Jun 2024 recommended the following items for approval by the Academic Council:

1. To consider and approve modifications and restructuring of Course Structure of BTech in Electronics & Communication Engineering.

  
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2. To consider and approve Course Structure of BTech in Electronics & Computer Science.
3. To consider and approve Course Structure of BTech in Electronics Engineering (VLSI Design & Technology).

The council considered and approved the proposed courses structure of BTech in Electronics & Communication Engineering, BTech in Electronics and Computer Science and BTech in Electronics Engineering (VLSI Design & Technology) with a condition that basic structure like credit distribution for core courses, professional electives and open electives, and number of credits in a semester / program should remain common across all the programs.

**ITEM NO. 16/2024 APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY**

**16.1 BOARD OF STUDIES (BoS) OF DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY HELD ON 29 JUNE 2024**  
**(a)**

Department of Computer Science & Engineering and Information Technology through its Board of Studies held on 29 June 2024 recommended the following items for approval by the Academic Council:

1. To consider and approve modifications and restructuring of Course Structure of BTech in Computer Science & Engineering.
2. To consider and approve modifications and restructuring of Course Structure of BTech in Information Technology.
3. To consider and approve extra 18 credit courses for BTech – Computer Science & Engineering with specialization in Artificial Intelligence and Machine Learning.

SEM	COURSE TITLE	L-T-P
3 <sup>RD</sup>	Computational Fundamentals for Optimization	3-0-0
3 <sup>RD</sup>	Computational Fundamentals for Optimization Lab	0-0-2
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications	3-0-0
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications Lab	0-0-2
5 <sup>TH</sup>	Deep Learning	3-0-0
5 <sup>TH</sup>	Deep Learning Lab	0-0-2
6 <sup>TH</sup>	Reinforcement Learning	3-0-0
6 <sup>TH</sup>	Graph Neural Networks	3-0-0

4. To consider and approve extra 18 credit courses for BTech – Computer Science & Engineering with specialization in Artificial Intelligence and Data Science.

SEM	COURSE TITLE	L-T-P
3 <sup>RD</sup>	Computational Fundamentals for Optimization	3-0-0



3 <sup>RD</sup>	Computational Fundamentals for Optimization Lab	0-0-2
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications	3-0-0
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications Lab	0-0-2
5 <sup>TH</sup>	Intelligent Techniques for Predictive Data Analytics	3-0-0
5 <sup>TH</sup>	Intelligent Techniques for Predictive Data Analytics Lab	0-0-2
6 <sup>TH</sup>	Introduction to Data Analytics and Visualization	3-0-0
6 <sup>TH</sup>	Statistical Analysis and Computing	3-0-0

5. To consider and approve extra 18 credit courses for BTech – Computer Science & Engineering with specialization in Cyber Security.

SEM	COURSE TITLE	L-T-P
3 <sup>RD</sup>	Information and Cyber Security Foundations	3-0-0
3 <sup>RD</sup>	Information and Cyber Security Foundations Lab	0-0-2
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications	3-0-0
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications Lab	0-0-2
5 <sup>TH</sup>	Cloud Computing and Security	3-0-0
5 <sup>TH</sup>	Cloud Computing and Security Lab	0-0-2
6 <sup>TH</sup>	Network Security and Cryptography	3-0-0
6 <sup>TH</sup>	Digital Forensics	3-0-0

6. To consider and approve detailed syllabus of following Courses:

SEM	COURSE TITLE	L-T-P
3 <sup>RD</sup>	Computational Fundamentals for Optimization	3-0-0
3 <sup>RD</sup>	Computational Fundamentals for Optimization Lab	0-0-2
3 <sup>RD</sup>	Information and Cyber Security Foundations	3-0-0
3 <sup>RD</sup>	Information and Cyber Security Foundations Lab	0-0-2
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications	3-0-0
4 <sup>TH</sup>	Artificial Intelligence: Recent Trends and Applications Lab	0-0-2

7. To consider and approve Professional Electives for BTech Computer Science & Engineering for specialized programmes of AI-ML, AI-DS and Cyber Security.
8. To consider and approve detailed syllabus of following courses of BTech Computer Science & Engineering and BTech Information Technology for courses upto 4<sup>th</sup> Semester:

SNO	COURSE	L-T-P-C
1.	Problem Solving & Programming	3-0-0-3
2.	Problem Solving & Programming Lab	0-0-2-1
3.	Joy of Computing	3-0-0-3
4.	Joy of Computing Lab	0-0-2-1
5.	IT Workshop Lab	0-0-2-1
6.	Object Oriented System & Programming	0-0-3-3
7.	Object Oriented System & Programming Lab	0-0-2-1
8.	Discrete Computational Mathematics	0-0-3-3



9.	Introduction to Machine Learning	0-0-3-3
10.	Introduction to Machine Learning Lab	0-0-2-1

The Council considered all the above eight proposed items and approved the same. However, the restructuring of BTech in Computer Science & Engineering and BTech in Information Technology is approved subject to the condition that basic structure like credit distribution for core courses, professional electives and open electives, and number of credits in a semester / program should remain common across all the programs.

**ITEM NO. 17/2024-1(a) APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF MATHEMATICS**

**BOARD OF STUDIES (BoS) OF DEPARTMENT OF MATHEMATICS HELD ON 12 AUGUST 2024**

Department of Mathematics through its Board of Studies (BoS) held on 12 August 2024 recommended the following items for approval by Academic Council:

1. To consider and approve 1<sup>st</sup> and 2<sup>nd</sup> Year Course Structure of BTech (Mathematics & Computing).
2. To consider and approve the course contents of the BTech Syllabi of following courses:

Course Title	Applicable to
Introduction to Numerical Computing (3-0-0)	BTech (M&C)
Introduction to Numerical Computing Lab (0-0-2)	BTech (M&C)
Linear Algebra (3-1-0)	BTech (M&C)
Engineering Mathematics-I (3-1-0)	BTech other than BT/BI
Engineering Mathematics-II (3-1-0)	BTech other than BT/BI
Probability, Statistics, and Stochastic Processes (3-0-0)	BTech other than BT/BI
Mathematics for Life Sciences-I (3-1-0)	BTech BT/BI
Mathematics for Life Sciences-II (3-1-0)	BTech BT/BI
Probability and Statistical Methods (2-0-0)	BTech BT/BI
Probability and Statistical Methods Lab (0-0-2)	BTech BT/BI

The Council considered the above two proposed items and approved the same as recommended by the Board of Studies of the department.



**ITEM NO. 18/2024-1(a) APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE**

**BOARD OF STUDIES (BoS) OF DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE HELD ON 07 MARCH 2024**

Department of Physics & Materials Science through its Board of Studies (BoS) held on 07 March 2024 recommended the following item for approval by Academic Council:

1. To consider and approve detailed syllabus of courses of MSc (Physics) offered for Semester – I and Semester – II.

The Council considered the proposed item and approved the same as recommended by the Board of Studies of the department.

**18.1 (b) BOARD OF STUDIES (BoS) OF DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE HELD ON 22 MAY 2024**

Department of Physics & Materials Science through its Board of Studies (BoS) held on 22 May 2024 recommended the following items for approval by Academic Council:

1. To consider and approve MSc (Physics) 2<sup>nd</sup> Year Course Structure (Semester – III and Semester – IV).
2. To consider and approve detailed syllabus of courses of MSc (Physics) offered for Semester – III and Semester – IV.

The Council considered the proposed items and approved the same as recommended by the Board of Studies of the department.

**18.1 (c) BOARD OF STUDIES (BoS) OF DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE HELD ON 17 AUGUST 2024**

Department of Physics & Materials Science through its Board of Studies (BoS) held on 17 August 2024 recommended the following items for approval by Academic Council:

To consider and approve following new courses towards the course work for the PhD Programme:

Course Name	L-T-P	Credit
Nanotechnology in Agriculture	3-0-0	03
Electronics Structure Theory	3-0-0	03
Advanced Solid State Physics	3-0-0	03

The Council considered the proposed items and approved the same as recommended by the Board of Studies of the department.



**ITEM NO. 19/2024-1(a) APPROVAL OF RECOMMENDATIONS OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES**

**BOARD OF STUDIES (BoS) OF DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES HELD ON 08 SEPTEMBER 2023**

Department of Humanities and Social Sciences through its Board of Studies held on 08 September 2023 recommended the following items for approval by Academic Council:

- To consider and approve following New Courses towards PhD Course Work for the department of Humanities and Social Sciences.

Course Title	Course Code	L-T-P - Credits
Disaster Risk Reduction	23P1WHS101	3-0-0 - 03
Essentials of Academic Writing	23P1WHS102	3-0-0 - 03
Contemporary Literary Theory	23P1WHS103	3-0-0 - 03
Studying Gender Through Literature	23P1WHS104	3-0-0 - 03

The Council considered the proposed items and approved the same as recommended by the Board of Studies of the department.

**19.1 (b) BOARD OF STUDIES (BoS) OF DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES HELD ON 30 DECEMBER 2023**

Department of Humanities and Social Sciences through its Board of Studies held on 30 December 2023 recommended the following items for approval by the Academic Council:

- To consider and approve new audit Course of “English Language Skills” (0-1-0=0) for BTech 2<sup>nd</sup> Semester students and its detailed syllabus.
- To consider and approve 02 Open Electives Courses i.e. “Engineering Economics” (3-0-0=03), “History and Philosophy of Science and Technology” (3-0-0=03) for BTech 6<sup>th</sup> Semester students and its detailed syllabus.
- To consider and approve Open Elective Course “Introduction to the Study of Language” (3-0-0=03) for BTech 8<sup>th</sup> Semester students and its detailed syllabus.

The Council considered the proposed items and approved the same as recommended by the Board of Studies of the department.

**19.1 (c) BOARD OF STUDIES (BoS) OF DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES HELD ON 16 MAY 2024**

Department of Humanities and Social Sciences through its Board of Studies held on 16 May 2024 recommended the following item for approval by the Academic Council.

- To consider and approve detailed syllabus of courses of BBA 3<sup>rd</sup> & 4<sup>th</sup> Semester.



The Council considered the proposed item and approved the same as recommended by the Board of Studies of the department.

**ITEM REPORTING ITEMS**

**NO.**

**20/2024-1**

The following Reporting Items were ratified by the Academic Council:

**20.1 SEAT RATIFICATION FOR ACADEMIC SESSION 2024-25**

Chairman Academic Council apprised the members about the sanctioned intake for the Academic Session 2024-25. The council considered the seat intake for the academic session 2024-25 and seat intake as presented was ratified by the Council.

**20.2 ADMISSION STATUS FOR ACADEMIC SESSION 2024-25**

Chairman Academic Council apprised the members about the Admission Status for the Academic Session 2024-25 and council ratified the admission status with satisfaction from each member of the Council.

**20.3 ACADEMIC CREDENTIAL VERIFICATION OF MS. JANHAVI MOHANTA, ENROLMENT NO. 091761 (BTECH IN PHARMACY) FROM ODISHA PHARMACY COUNCIL**

Chairman Academic Council apprised the members about the academic credential verification of Ms. Janhavi Mohanta, Enrolment No. 091761 (BTech in Pharmacy) received from Odisha Pharmacy Council. The said student was admitted to BPharma Program and nomenclature given in the Degree certificate was BTech in Pharmacy.

A committee was composed to enquire into the case and recommend the response to be sent to the Odisha Pharmacy Council with respect to Ms. Janhavi Mohanta. The recommendations and response given by the Committee were forwarded to the Odisha Pharmacy Council.

The Council was also apprised that the batch admitted in 2008 and passed out in 2012 were awarded BPharma Degree and thereafter all admission batches i.e. 2009, 2010, 2011 and 2012 were provided Degree nomenclature as BTech in Pharmacy. The count of such awarded BTech in Pharmacy were as under:

2013 Passed out Batch – 10 students  
2014 Passed out Batch – 03 students  
2015 Passed out Batch – 05 students  
2016 Passed out Batch - 04 students

The council ratified both the decision of the Committee and the response sent to the Odisha Pharmacy Council.



**20.4 REVISION OF PHD FELLOWSHIP AMOUNT W.E.F 01 FEBRUARY 2024**

Members were apprised of the revision in the PhD Fellowship amount with effect from 01 February 2024. The PhD Fellowship amount to the full time PhD scholars has been revised from Rs. 22,000/- per month to Rs. 37,000/- per month with effect from 01 February 2024.

The Council ratified the revision in the PhD Fellowship amount from Rs. 22,000/- per month to Rs. 37,000/- per month from 01 February 2024.

**20.5 AWARD OF DEGREES TO 2015 TO 2020 PASSED OUT BATCHES**

Members were apprised about the award of Degrees to the students passed out from 2015 to 2020, during the 6<sup>th</sup> Convocation held on 06 July 2024. Total 3125 Degrees (including in absentia) were awarded to the students during this Convocation.

The Council ratified the same with satisfaction.

**20.6 AWARD OF CHANCELLOR'S GOLD MEDAL AND VICE CHANCELLOR'S GOLD MEDAL FOR 2015 PASSED OUT BATCH TO 2020 PASSED OUT BATCH**

Members were apprised about the award of Chancellor's Gold Medal and Vice Chancellor's Gold Medal during the 6<sup>th</sup> Convocation held on 06 July 2024.

The Council ratified the same with satisfaction.

**20.7 AWARD OF MERIT BASED SCHOLARSHIP TO MSc STUDENTS ADMITTED IN ACADEMIC SESSION – 2024-25**

Chairman Academic Council apprised the members about the award of Merit based Scholarship to MSc – 2024 admitted batch. Total 12 students (MSc Biotechnology – 10 Nos.) and (MSc Microbiology – 02 Nos.) were awarded merit-based scholarship, wherein Tuition Fee waiver upto 50% rebate in Tuition Fee has been given to the students considering their merit as per the approved Scholarship policy.

The Council ratified the award of merit-based scholarship to MSc students admitted during the Academic Year 2024-25.

**20.8 INTRODUCTION OF NEW UNDERGRADUATE PROGRAM BTECH (MATHEMATICS & COMPUTING)**

Chairman apprised the members about the introduction of new Undergraduate Program BTech (Mathematics & Computing) w.e.f. from the Academic Session 2024-25 with a sanctioned annual intake of 30 seats to the Program.

The Council ratified the introduction of BTech (Mathematics & Computing) program w.e.f. the Academic Session 2024-25 with a sanctioned annual intake of 30 seats to the Program.



### **20.9 MSc (PHYSICS) FIRST YEAR COURSE STRUCTURE**

Chairman – Academic Council apprised the members about the approval of the MSc (Physics) Course Structure (1<sup>st</sup>& 2<sup>nd</sup> Semester).

Council ratified the decision and approval accorded by the Chairman Academic Council for Course Structure of MSc (Physics) (1<sup>st</sup>& 2<sup>nd</sup> Semester) Program.

### **20.10 ADDITIONAL SPECIALIZED COURSES FOR BTECH 3<sup>RD</sup> SEMESTER FOR CSE WITH SPECIALIZATION IN AI-ML, CSE WITH SPECIALIZATION IN AI-DS, CSE WITH SPECIALIZATION IN CYBER SECURITY**

Chairman – Academic Council apprised the members about the following approvals given by him as Chairman of the Academic Council:

1. Additional specialized courses for 3<sup>rd</sup> Semester BTech Computer Science & Engineering with specialization in Artificial Intelligence & Machine Learning.
2. Additional specialized courses for 3<sup>rd</sup> Semester BTech Computer Science & Engineering with specialization in Artificial Intelligence & Data Science.
3. Additional specialized courses for 3<sup>rd</sup> Semester BTech Computer Science & Engineering with Cyber Security.
4. Modification in BTech 1<sup>st</sup> Year Course Structure effective Academic Session – 2024-25.

Council ratified the decision and approvals accorded by the Chairman Academic Council for the above four items.

### **20.11 MODIFICATION IN BTECH 2<sup>ND</sup> SEMESTER COURSE STRUCTURE EFFECTIVE ACADEMIC SESSION – 2024-25**

Chairman – Academic Council apprised the members about the following approvals given by him as Chairman of the Academic Council:

1. Modification in BTech 2<sup>nd</sup> Semester Course Structure effective w.e.f. Academic Session 2024-25

Council ratified the decision and approval accorded by the Chairman Academic Council for modifications in BTech 2<sup>nd</sup> Semester Course Structure effective w.e.f. Academic Session 2024-25.

### **20.12 MODIFICATION IN BTECH 1<sup>ST</sup> SEMESTER COURSE STRUCTURE EFFECTIVE ACADEMIC SESSION – 2024-25**

Chairman Academic Council apprised the members about the following approval given by him as Chairman of the Academic Council:



1. Modification in BTech 1<sup>st</sup> Year Course Structure effective w.e.f. Academic Session 2024-25

Council ratified the decision and approval accorded by the Chairman Academic Council for modifications in BTech 1<sup>st</sup> Semester Course Structure effective w.e.f. Academic Session 2024-25.

**20.13 MODIFICATION IN MINOR SPECIALIZATION COURSE STRUCTURE OFFERED BY DEPARTMENT OF HSS – MINOR IN MARKETING, MINOR IN FINANCE**

Chairman Academic Council apprised the members about the following approvals given by him as Chairman of the Academic Council:

1. Modification in Course Structure of Minor specialization offered by HSS department for BTech students
2. Introduction of two Open Elective Courses for BTech 7<sup>th</sup> Semester across all the streams
3. Introduction of Mandatory Audit Course for BTech 6<sup>th</sup> Semester students across all the streams

Council ratified the decision and approvals accorded by the Chairman Academic Council for all the above three items.

**20.14 COURSE STRUCTURE FOR 3<sup>RD</sup> & 4<sup>TH</sup> SEMESTER OF BSc (MATHEMATICS & COMPUTING)**

Chairman Academic Council apprised the members about the following approval given by him as Chairman of the Academic Council:

1. Course Structure for BSc (Mathematics & Computing) – 3<sup>rd</sup> and 4<sup>th</sup> Semester Studies.

Council ratified the decision and approval accorded by the Chairman Academic Council for the above item.

**20.15 MODIFICATION IN COURSE STRUCTURE FOR 2<sup>ND</sup> & 3<sup>RD</sup> SEMESTER OF MSc (BIOTECHNOLOGY) AND MSc (MICROBIOLOGY)**

Chairman Academic Council apprised the members about the following approvals given by him as Chairman of the Academic Council:

1. To consider and approve modifications in the Course Structure of MSc Biotechnology Program.
2. To consider and approve modifications in the Course Structure of MSc Microbiology Program.



Council ratified the decision and approvals accorded by the Chairman Academic Council for modification in Course Structure of MSc Biotechnology and MSc Microbiology Program.

**ITEM ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR**  
**NO.**  
**21/2024-1**

There being no other point, meeting ended with a vote of thanks to the Chair.

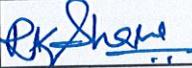
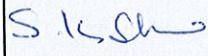
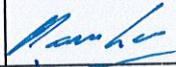
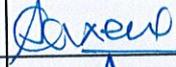
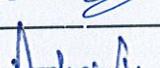
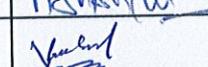
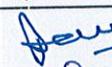
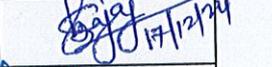
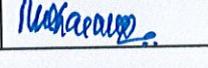
**Brigadier Raj Kumar Sharma, SM (Retd)**  
**Registrar & Non-Member Secretary**

**Confirmed**

**(Prof Rajendra Kumar Sharma)**  
**Chairman, Academic Council &**  
**Vice-Chancellor, JUIT, W**

## ATTENDANCE SHEET

**ACADEMIC COUNCIL MEETING HELD ON 13 DEC 2024 AT 11:00 AM**

S.No.	Name	Designation	Signature
1	Prof Rajendra Kumar Sharma	Chairman	
2	Prof Sunil Kumar Khah	Member	
3	Prof Vineet Sharma	Member	 Joined Online
4	Padma Shri (Dr) Satish Kumar	Member	Joined Online
5	Prof Lalit Awasthi	Member	Joined Online
6	Sh Sunil Sharma	Member	
7	Sh Manu Bhakar Gaur	Member	
8	Prof S C Saxema	Member	
9	Prof Ashok Kumar Gupta	Member	
10	Prof P B Barman	Member	
11	Prof Sudhir Kumar	Member	
12	Prof Ashish Kumar	Member	
13	Prof Vivek Sehgal	Member	
14	Prof Rajiv Kumar	Member	
15	Prof Rakesh Kumar Bajaj	Member	 17/12/24
16	Prof Amit Srivastava	Member	 17/12/24
17	Brigadier RK Sharma, SM (Retd)	Non-Member Secretary	