



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
 (Established by H.P. State Legislature vide Act No. 14 of 2002)



MINUTES OF THE MEETING – Board of Studies meeting of Department of Electronics and Communication Engineering

Meeting Name:	BoS Meeting		
Date of Meeting:	05-07-2025	Time:	11.00AM
Chairman:	Prof. Rajiv Kumar (HOD)	Location:	Board Room

1. Meeting Agenda: Discussion on teaching courses alignment with IIIT Noida

2. Meeting Attendees:

Prof. Rajiv Kumar	Chair
Prof. D. Ghosh	Member
Dr. Balwinder Singh	Member
Mr. Sanjay Kumar Singh	Member
Prof. Shruti Jain	Member
Prof. Vineet Sharma	Member
Prof. R.S. Raja Durai	Member
Dr. Harsh Sohal	Member
Dr. EmjeePuthooran	Member
Dr.Salman Raju Talluri	Member
Dr.Vikas Baghel	Co-opted Member
Dr. Shweta Pandit	BoS Coordinator
Prof. P.B. Barman	HoD,Physics and Materials Science
Prof. Vivek Kumar Sehgal	HoD,CSE&IT
Prof. Rakesh K Bajaj	HoD, Mathematics
Prof. Amit Shrivastava	HoD, Humanities and Social Sciences
Prof. Jata Shankar	HoD, Biotechnology and Bioinformatics
Prof. Ashish Kumar	HoD, Civil Engineering
Dr.Alok Kumar	ECE Department
Dr.Pardeep Garg	ECE Department

4. Action Items / Instructions:

The meeting commenced with a warm welcome extended by the Chairman, Dr. Rajiv Kumar, to all members present. With the permission of the Chair, external BoS members — Prof. D. Ghosh, Dr. Balwinder Singh, and Mr. Sanjay Kumar Singh — joined the meeting in online mode. Thereafter, Dr. Rajiv Kumar initiated the discussion on the agenda items.

ITEM NO. 1 : To approve the minutes of last meeting of the BoS held on 14th June 2024

Dr. Shweta Pandit presented the minutes of the previous meeting, attached as **Annexure I_Item1**. The minutes were approved as presented.

ITEM NO. 2: Alignment of Curriculum for Batch Admitted in 2024–25

Dr. Salman Raju Talluri introduced this item and proposed the alignment of the B.Tech. curriculum for the batch



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admitted in 2024–2025 with that of JIIT Noida. The proposed curriculum structures for the three programs — **Electronics and Communication Engineering (ECE), Electronics and Computer Science (ECS), and Electronics Engineering (VLSI Design and Technology)** — were presented. The alignment of credits and contact hours for each semester was discussed in detail. The proposed curricula are attached as **Annexure II_Item2**.

It was highlighted that students admitted in the 2024–25 batch and currently in their second year would transition to the JIIT Noida curriculum to facilitate mapping and smooth exchange of students across the Jaypee Higher Education System. It was further clarified that the B.Tech. program in Electronics and Computer Engineering (ECM) at JIIT Noida is mapped with the B.Tech. in Electronics and Computer Science (ECS) at JIIT, Wagnaghat. Additionally, it was suggested that a coordinator from JIIT Noida should be designated for course matching and related queries.

A specific modification was proposed for the ECS curriculum: in the third semester, the Python course was to be replaced with "Object-Oriented Systems and Programming," and the Python Lab was to be replaced with "Object-Oriented Systems and Programming Lab." The modified ECS course structure is attached in the documents of **Annexure III_Item2** and changes are highlighted in red text.

An additional modification has been proposed in the course structure of the EE (VLSI Design and Technology) program for the 2024 admitted batch. In this revised structure, students will study Electronic Devices and Circuits along with the corresponding lab, in place of Electronic Devices and Electronic Devices Lab as prescribed in the JIIT Noida curriculum. This deviation, applicable only to the 2024 batch, results in the addition of one extra credit. The change has been made to ensure that students from ECE, ECS, and EE (VLSI Design and Technology) programs can attend a common class. This modification is also available in the **Annexure III_Item2** documents with changes highlighted in red text.

Concerns were raised regarding exceeding the 30-hour limit per week when incorporating additional courses such as ***Competitive Programming and Quantitative Skills Practice***, which are not part of the JIIT Noida curriculum to which alignment is done. These courses are spread over four and three semesters, respectively, potentially may lead to content overlap and increased workload, especially in the sixth semester. ***A specific concern was discussed regarding students participating in exchange programs in the sixth semester who would be unable to undertake Competitive Programming-IV and Quantitative Skills Practice-II at JIIT Noida.***

In response, Dr. Vivek Sehgal (HoD, CSE) and Dr. Amit Shrivastava (HoD, HSS) emphasized the importance of Competitive Programming and Quantitative Skills for student placement and industry readiness. It was suggested that Competitive Programming should have a common core component across all branches, with the fourth component in the sixth semester being department-specific. Dr. Vivek mentioned that the initial three components of Competitive programming for all the students of different branches would be conducted by the CSE department. Further details regarding the content and distribution of these courses were requested.

The discussion also addressed the need for precise feedback on alignment with JIIT Noida, and potential implications for timetable and classroom allocation due to the inclusion of these additional courses. It was suggested to hold a meeting with the Hon'ble Vice Chancellor along with all HoDs and Dean(Academics) to further deliberate on these issues. Dr. Rajiv Kumar remarked on the general trend towards reducing credit loads.

Regarding summer training in the presented course structure, Dr. Balwinder Singh emphasized the need to ensure the authenticity of student training and conduct proper evaluations, highlighting that it should not merely



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be a certificate-oriented exercise.

Annexure II_Item2 presents the proposed course structures for ECE, ECS, and EE (VLSI Design and Technology) programs, with two variants — one **including** the **Competitive Programming and Quantitative Skills** courses, and the other **excluding** them.

Annexure III_Item2 contains the **revised** course structures for the same programs, again provided in two formats: one **with** Competitive Programming and Quantitative Skills, and the other **without** these courses. In the revised course structure for EE (VLSI Design and Technology), the subjects related to **Competitive Programming and Quantitative Skills Practice** have been removed, based on the deliberation that students pursuing VLSI require a **distinct set of coding skills** tailored to the specific demands of the **VLSI industry**

ITEM NO. 3: Approval of Curriculum for Batch Admitted in 2025–26

Dr. Salman presented the curriculum structure for the 2025–26 batch, aligned with IIIT Noida, for all three programs. Two versions were shared: one including Competitive Programming and Quantitative Skills courses, and another excluding these courses, to address concerns related to additional credit load (approximately 170 credits) and potential student burden. The proposed curriculum is attached as **Annexure IV_Item3**.

Notable modifications included for only BT/BI branch one course and its lab are as follows:

- Replacement of "Basic Electronics for Biotechnology" theory course with "Basic Electronics for Life Sciences"
- Replacement of "Basic Electronics for Biotechnology Lab" with "Basic Electronics for Life Sciences Lab"

In the revised course structure for the EE (VLSI Design and Technology) program applicable to the **2025–26 admitted batch**, the subjects **Competitive Programming and Quantitative Skills Practice** have been removed, in accordance with the deliberations held under **Agenda Item No. 3**.

The modified structure for the 2025–26 batch for all three programs is attached as **Annexure V_Item3**.

ITEM NO. 4: Approval of Minor Degree Courses

Dr. Salman presented the Minor Degree program comprising an additional 20 credits, as attached in **Annexure VI_Item4**. It was pointed out that as per AICTE guidelines and IIIT curriculum, the Minor Degree consists of 18 additional credits; thus, the program was revised accordingly. The updated Minor Degree structure is included in **Annexure VII_Item4**. Along with that the concern of completing extra credits in minor degree by students along with extra credits of Competitive Programming and Quantitative Skills Practice was raised.

ITEM NO. 5: Approval of Departmental and Open Electives

Dr. Shweta Pandit presented the list of new departmental and open electives alongside the existing electives from the current curriculum. The list of new electives is attached as **Annexure VIII_Item5**. These electives are designed to be industry-oriented and align with program objectives.

It was noted that the electives list would be updated periodically and that certain electives from IIIT Noida would also be offered in the JIIT curriculum. The discussion also emphasized the need to include additional



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electives to benefit ECE students further.

ITEM NO. 6: Any Other Item with the Permission of the Chair

Mr. Sanjay Kumar Singh inquired about introducing courses such as Prompt Engineering and Generative AI for ECS students. In response, Dr. Vivek Sehgal (HoD, CSE) stated that an elective on Prompt Engineering has already been proposed.

Finally, Dr. Shweta Pandit extended a vote of thanks to all BoS members, and curriculum committee members Dr. Emjee Puthooran, Dr. Salman Raju Talluri, Dr. Vikas Baghel, and Dr. Harsh Sohal for their contributions and efforts toward the curriculum structuring.

The meeting concluded with a vote of thanks to the Chair, Dr. Rajiv Kumar.

Dr. Shweta Pandit
(BoS Coordinator)

Dr. Rajiv Kumar
(Chairman, HoD ECE)



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Attendance Sheet of BoS held on 05.07.25

(Dr. Balwinder Singh)

(Prof. Debasshish Ghosh)

Sanjay Singh
05/07/25
(online mode)

(Mr. Sanjay Kumar Singh)

Rajiv Kumar
05/07/25

(Prof. Rajiv Kumar)

Shruti Jain
05/07/25

(Prof. Shruti Jain) (online mode)

Vineet Sharma
05/07/25
(online mode)

(Prof. Vineet Sharma, mode)
Prof, Dept. of PMS, IQAC representative)

R.S. Raja
05.07.25

(Prof. R S Raja Durai,
Prof., Dept. of Mathematics)

Harsh Sohal (Online Mode)
05/07/25

(Dr. Harsh Sohal)

Enjee Puthooran
05/07/25
(online)

(Dr. Enjee Puthooran)

Shweta Pandit
5/7/25

(Dr. Shweta Pandit)

Salman Raju Talluri
05/07/25
(online mode)

(Dr. Salman Raju Talluri)

Vikas Baghel
05/07/25
(online)

(Dr. Vikas Baghel)



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Alok Kumar
5/07/25
(Dr. Alok Kumar)

Pardeep Garg
05/07/25
(Dr. Pardeep Garg)

P.B. Barman
05/07/25
(Prof. P.B. Barman)

Rakesh K Bajaj
(Prof Rakesh K Bajaj)

Vivek Kumar Sehgal
05/07/25
(Prof. Vivek Kumar Sehgal)

Amrta
05/07/25
(Prof Amrta Srivastava)

Tatarchan
8/2/2025
(Prof Tatarchan)

Ashish Kumar online
(Prof Ashish Kumar)