Department of Computer Science and Engineering

KPR Institute of Engineering and Technology

KPRIET
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Date: 24.11.2025

14th Board of Studies (BoS) Meeting

Venue: MBA Board Room (Hybrid)

Meeting ID: https://meet.google.com/zud-tyys-upm

Date: 21.11.2025

Time: 09.30 AM – 11.00 AM

Agenda:

1. Action Taken Report on the recommendations of the previous BoS meeting.
2. Curriculum structure (Semesters III to VIII) under Regulations 2025 & Syllabi for Semesters III and IV.
3. Proposal for New Additional Credit Courses (e.g., ICC, VAC, MOOC, etc.) under Regulations 2025.
4. Ratification of items, if any.
5. Review and discussion of CO/PO targets and CO – PO Mapping
6. Approval of Examiners for question paper setting and valuation.
7. Discussion on Any Other Matters (with the permission of the Chairman of BoS).

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. R. Devi Priya Professor & Head Department of CSE, KPRIET	Chairman	24/11/25
2.	Dr. J. C. Miraclin Joyce Pamila, Professor, Department of CSE, Government College of Technology Coimbatore	University Nominee	ONLINE

3.	Dr. P. Arun Raj Kumar, Associate Professor, Department of Computer Science and Engineering, National Institute of Technology – Calicut, Kozhikode, Kerala	Academic Expert	ONLINE
4.	Dr. V. Kavitha, Professor and Head Data Science and Business Systems SRM Institute of Science and Technology Kattankulathur, Chennai	Academic Expert	
5.	Mr. Ramkumar Kuppuchamy, Delivery Director, Presidio Solutions Pvt. Ltd., Coimbatore.	Industry Expert	ONLINE
6.	Mr. S. Santhoshkumar, Principal Engineer, ZOHO, Chennai	Alumni	
7.	Dr. K. Vishnu Kumar Professor, CSE, KPRIET	Faculty Member	
8.	Dr. S. Manoj Kumar Professor, CSE, KPRIET	Faculty Member	
9.	Dr. R Manjula Devi Professor, CSE, KPRIET	Faculty Member	
10.	Dr. Nisha Soms Associate Professor, CSE, KPRIET	Faculty Member	
11.	Dr V Priya, Associate Professor, CSE, KPRIET	Faculty Member	
12.	Dr Amitha I C Associate Professor, CSE, KPRIET	Faculty Member	
13.	Dr. T. Primya Assistant Professor III, CSE, KPRIET	Faculty Member	
14.	Ms. B. Vishnupriya Assistant Professor II, CSE, KPRIET	Faculty Member	
15.	Ms K B Sri Sathya Assistant Professor II, CSE, KPRIET	Faculty Member	

Chairman-BoS/ CSE

Minutes of the 14th Board of Studies (BoS) Meeting – B.E CSE

The Board of Studies meeting commenced with a welcome address by the Chairperson, Dr. R. Devi Priya, Head of the Department (HoD) of Computer Science and Engineering (CSE). She extended greetings to the members and the department faculty.

The Chairperson then presented the Vision, Mission, Program Outcomes (POs), Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs), and the R2025 Curriculum Structure, along with the I and II Semester Syllabi.

The Chairperson presented the detailed syllabus for the following courses:

3rd Semester

Sl. NO.	COURSE CODE	COURSE TITLE	COURSE TYPE*	CATEGORY	L	T	P	J	C
1	U25CSG09	Database Management Systems	T	PCC	3	0	0	0	3
2	U25CSG10	Digital Principles and Computer Organization	T	ESC	3	0	0	0	3
3	U21CS301	Embedded Systems and Internet of Things	TwP	ESC	2	0	0	2	3
4	U25MA301	Applied Probability and Statistics for Computing	TwL	BSC	2	0	2	0	3
5	U25CSG11	Data Structures	TwL	PCC	3	0	2	0	4
6	U25CSG12	Object Oriented Programming using Java	TwL	PCC	2	0	2	0	3
7	U25CSG13	Database Management Systems Laboratory	L	PCC	0	0	4	0	2
Total					15	0	12	2	22

4th Semester

SL NO.	COURSE CODE	COURSE TITLE	COURSE TYPE*	CATEGORY	L	T	P	J	C
1	U25CSG14	Design and Analysis of Algorithms	T	PCC	3	0	0	0	3
2	U25CS401	Formal Languages and Automata Theory	T	PCC	3	0	0	0	3
3	U25CS402	Artificial Intelligence and Machine Learning	TwP	PCC	3	0	0	0	3
5	U25CSG15	Operating Systems	TwL	PCC	3	0	2	0	4
6	U25MA402	Discrete Structures and System Modeling with Queues	TwL	BSC	2	0	2	0	3
8	U25CS403	Artificial Intelligence and Machine Learning Laboratory	L	PCC	0	0	4	0	2
Total					15	0	12	2	22

- Passed the Open Elective - I – Programming Using C++ (For other department students).

Discussion Points During the Board of Studies Meeting

- Dr. V. Kavitha suggested to include Principal Component Analysis (PCA), strengthen the Supervised and Unsupervised Learning topics in the Artificial Intelligence and Machine Learning Course, and verify if the Deep Learning topic is repeated.
- Dr. P. Arun Raj Kumar suggested moving Data Structures to the 2nd semester.
- Dr. J. C. Miraclin Joyce Pamila and Mr. Ramkumar Kuppuchamy suggested to move Embedded Systems and IoT to a higher semester and to offer Cloud Computing in 5th or 6th Semester.
- Dr. P. Arun Raj Kumar suggested moving "Embedded Systems and Internet of Things" to the 4th semester and emphasized the need for prerequisite knowledge of Computer Networks before offering the IoT course.
- Dr. J. C. Miraclin Joyce Pamila suggested offering the Database Management Systems course in the 4th semester and aligning the topics on Transaction and Concurrency Control Protocols with industry needs.
- Dr. P. Arun Raj Kumar recommended including IPv6, Dual Stack Technology, an introduction to Software Defined Networks and Routing (Data Plane), and QoS topics such as Differentiated and Integrated Services in the Computer Networks syllabus while framing the curriculum.
- Mr. Ramkumar Kuppuchamy suggested to include the MERN Stack in the Web Technology course
- Mr. Ramkumar Kuppuchamy recommended to include an AI Ecosystem module as an introduction in Artificial Intelligence and Machine Learning Course.
- Mr. Ramkumar Kuppuchamy suggested to include Responsible AI Ethics as a part of ethics course.
- Mr. S. Santhoshkumar recommended including online certification programs such as Kubernetes Certifications, MLOps Certification, and AIOps Certification.

One Credit Courses (OCC) and Value-Added Courses (VAC):

The Chairperson presented the following newly introduced One Credit and Value-Added Courses along with their syllabi for approval to be offered during the Even Semester of 2025–2026:

- Digital Playgrounds - **OCC**
- Product Security Engineering: From Secure Coding to Quantum Readiness - **OCC**
- Cloud-Native DevOps with Docker and Kubernetes - **OCC**
- Digital Defence - **OCC**
- Salesforce Essentials for Business Applications - **OCC**
- Innovation Through Engineering Thinking - **OCC**
- Hyperledger Essentials for Enterprise Applications - **OCC**

Mr. Ramkumar Kuppuchamy suggested to offer MLOps as Value Added Course.

NPTEL Courses

The Chairperson presented the following newly introduced NPTEL Courses to be opted by the students during Even Semester of 2025–2026:

- Neural Networks for Computer Vision and Natural Language Processing
- Exploratory Data Analysis for Data Science with R Software (English)
- Introduction to Embedded System Design
- Data Mining for Decision Making
- Introduction to Information Retrieval
- Programming in Modern C++
- Introduction to Large Language Models (LLMs)
- Time Series Modelling and Forecasting with Applications in R
- Foundations of Cyber Physical Systems

24/11/25

Chairman-BoS/ CSE