Department of Computer Science and Engineering

KPR Institute of Engineering and Technology

KPRIET
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Date: 31.05.2025

13th Board of Studies (BoS) Meeting

Venue: MBA Board Room (Hybrid)

Meeting ID: https://meet.google.com/xat-eakt-knz

Date: 31.05.2025

Time: 10.00 AM – 11.30 AM

Agenda:

To discuss and pass

1. CSE, CSE (Cyber Security) and M.Tech Data Science
    1. R2025 - Curriculum
    2. R2025 - I and II Semester Syllabus
2. One Credit / Value Added Courses
3. NPTEL / Online Courses
4. Capsule / Nano Courses
5. List of industries for internship (Industrial Training / Internship)
6. Any other points for discussion

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. R. Devi Priya Professor & Head Department of CSE, KPRIET	Chairman	R. Devi 31/5/25
2.	Dr. M. Vijayalakshmi Professor Department of Computer Science and Engineering Thiyagarajar College of Engineering Madurai	University Nominee	M. Vij 31/5/25

3.	Dr. M. Brindha Associate Professor Department of Computer Science and Engineering National Institute of Technology Tiruchirappalli	Academic Expert	ONLINE
4.	Mr. Vikram Aruchamy Founder, Thinksolv Technologies Private Limited, Coimbatore	Industry Expert	
5.	Ms. Koushika B Technology Consultant, Hewlett-Packard Enterprise, Chennai	Alumni	
6.	Mr Srikumaran Ramu Software Engineer in Test, Autodesk, Pune	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. T. Dhakshinamoorthy Associate Professor, CSE, KPRIET	Faculty Member	
13.	Mr T Munirathinam, Assistant Professor III, CSE, KPRIET	Faculty Member	
14.	Dr. T. Primya Assistant Professor III, CSE, KPRIET	Faculty Member	
15.	Ms. B. Vishnupriya Assistant Professor II, CSE, KPRIET	Faculty Member	

Minutes of the 13th 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:

- Digital Technologies
- Problem Solving Using C Programming
- PC Building Essentials
- Computer Fundamentals and Coding Essentials
- Computational Problem Solving Using Python
- Data Visualization Techniques
- Web Designing
- Problem Solving Using C (for the departments of CE, CH, and ME)
- Programming with Python (for the departments of CE, CH, and ME

Discussion Points During the Board of Studies Meeting:

- Dr. Vijayalakshmi suggested to rename the Java Programming Lab course to Object-Oriented Programming using Java
- Dr. Vijayalakshmi recommended to have Data Structures as a separate theory and laboratory course
- Dr. Vijayalakshmi recommended Quantum Computing under Emerging Technologies.
- Mr. Srikumaran suggested to incorporate Computer Fundamentals and Coding Essentials as a core subject.
- Mr Srikumaran suggested the inclusion of IDEs as a course content in Computer Fundamentals and Coding Essentials

- Dr. M. Brindha recommended making Computer Networks a separate theory and laboratory course

One Credit Courses (OCCs):

The Chairperson presented the following newly introduced One Credit Courses (OCCs) along with their syllabi for approval to be offered during the Odd Semester of 2025–2026:

- Generative AI in Action: From Text to Image
- Smart Systems: AI Techniques for Everyday Applications
- Industrial IoT
- AI and Secure CPS for Autonomous Vehicles
- Foundations of Extended Reality
- Docker & Kubernetes
- Foundation of Bootstrap Framework
- Mastering Large Language Models
- TensorFlow: Data and Deployment

Mr. Vikram Aruchamy recommended to have NT Hacking as a One-Credit course.

Value Added Courses (VACs):

The Chairperson presented the following newly introduced Value-Added Courses (VACs) along with their syllabi for approval to be offered during the Odd Semester of 2025–2026:

- Flutter
- GoLang
- MERN Stack Development

Dr. Brindha recommended offering GoLang as a one-credit or Value-Added Course.

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Capsule Courses:

The Chairperson proposed the approval of Capsule Courses, which are short-duration (8-hour) courses, handled by internal faculty, open to all students, and included in grade sheets without credits.

Proposed Capsule Courses for the Odd Semester of 2025–2026:

- Ethical Hacking Essentials
- Mobile App Development using Android Studio
- Editing Essentials for Storytelling
- Dynamic Motion Graphics
- R Programming
- Ethical Hacking and Penetration Testing Basics

Mr. Srikumaran recommended to revamp the Mobile App Development course to feature two prominent platforms: React Native and Flutter, each with its dedicated capsule courses, 'Mobile App Development using React Native' and 'Mobile App Development using Flutter'.

Certification Courses Recommended by BoS Members:

- Mr. Srikumaran recommended to introduce AWS certification, ensuring students to have hands-on experience and industry-recognised credentials.
- Dr. Vijayalakshmi suggested international certifications like CCNA Cyber Security and EC-Council Certified Ethical Hacker (CEH), where students, on successful completion, can waive professional electives.
- Ms. Koushika B suggested introducing the Certified Kubernetes Administrator (CKA) certification

R. Srikumaran
31/5/25

MOOC/Online Courses:

The Chairperson presented a new list of NPTEL courses for the Odd Semester of 2025–2026 for suggestions and recommendations. The Online Courses Committee will further review and approve the course list.

S. No	Course ID	Course Name
1	noc25-cs87	Foundations of Virtual Reality
2	noc25-cs93	Deep Learning for Computer Vision
3	noc25-cs92	Reinforcement Learning
4	noc25-cs97	Getting Started with Competitive Programming
5	noc25-cs101	Data Science for Engineers
6	noc25-cs113	Software Testing
7	noc25-cs116	Cyber Security and Privacy
8	noc25-cs117	Privacy and Security in Online Social Media
9	noc25-cs118	Responsible & Safe AI Systems
10	noc25-cs120	Practical Cyber Security for Cyber Security Practitioners
11	noc25-cs131	Big Data Computing
12	noc25-cs137	Programming with Generative AI
13	noc25-cs144	Programming in Modern C++
14	noc25-cs146	Introduction to Industry 4.0 and Industrial Internet of Things
15	noc25-cs161	Introduction to Large Language Models (LLMs)
16	noc25-mg88	Business Analytics & Text Mining Modeling using Python
17	noc25-mg125	Data Analysis & Decision Making - II
18	noc25-mg154	Advanced R Programming for Data Analytics in Business
19	noc25-ge70	Learning Analytics Tools

The Board of Studies members agreed to incorporate all the above suggestions and present them to the Academic Council for further approval.

Dr. R. Devi Priya, HoD/CSE and BoS Chairperson, concluded the meeting by expressing gratitude to all the members for their valuable suggestions and recommendations.

R. Devi 31/5/25

Chairman-BoS/ CSE

Minutes of the 1st Board of Studies (BoS) Meeting – B.E CSE (CY)

The 1st Board of Studies (BoS) meeting for the B.E. Computer Science and Engineering (Cyber Security) program commenced with a welcome address by the Chairperson, Dr. R. Devi Priya, Head of the Department (HoD) of Computer Science and Engineering. She extended greetings to all members and faculty of the department.

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

Discussion Points:

- Dr. Vijayalakshmi recommended offering Data Structures as a separate theory and laboratory course and suggested including Quantum Computing under Emerging Technologies.
- Mr. Srikumaran proposed adding Computer Fundamentals and Coding Essentials as a core subject and recommended incorporating different IDEs or platforms for various programming languages.
- Dr. Vijayalakshmi suggested to offer a course that focuses on web application security, with Burp Suite as a primary tool for lab exercises.
- Dr. M. Brindha recommended offering Applied Quantum Cryptography as an elective course instead of a core subject.
- Mr. Vikram Aruchamy proposed introducing an Ethical Hacking course, either as a core or a professional elective.

Certification Courses Recommended:

- Dr. Vijayalakshmi suggested international certifications like CCNA Cyber Security and EC-Council Certified Ethical Hacker (CEH), where students, on successful completion, can waive professional electives.

The Board of Studies (BoS) members unanimously agreed to incorporate the above suggestions and present them to the Academic Council for further review and approval.

At the end of meeting, Dr. R. Devi Priya, HoD/CSE cum Chairperson-BoS, expressed her gratitude to all members for their valuable inputs and recommendations.

R. Devi 31/5/25

Chairman-BoS/ CSE

Minutes of the 1st Board of Studies (BoS) Meeting – M.Tech Data Science

The 1st Board of Studies (BoS) meeting for the M.Tech – Data Science program commenced with a welcome address by the Chairperson, Dr. R. Devi Priya, Head of the Department (HoD) of Computer Science and Engineering. She extended greetings to all members and faculty of the department.

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

Discussion Points:

- Dr. M. Brindha suggested to include "Bioinformatics" and "Video Processing and Analytics" as elective courses.
- Dr. Vijayalakshmi recommended to introduce Business Intelligence as a core subject, incorporating lab sessions with real-time or case study-based experiments to enhance practical learning.
- Mr. Vikram Aruchamy recommended including the following courses as Professional Electives:
    - Data Regulation
    - Privacy and Security of Data
    - Computer Vision (covering audio, video, and text modalities)
- Ms. Koushika B recommended offering the Certified Kubernetes Administrator (CKA) certification.

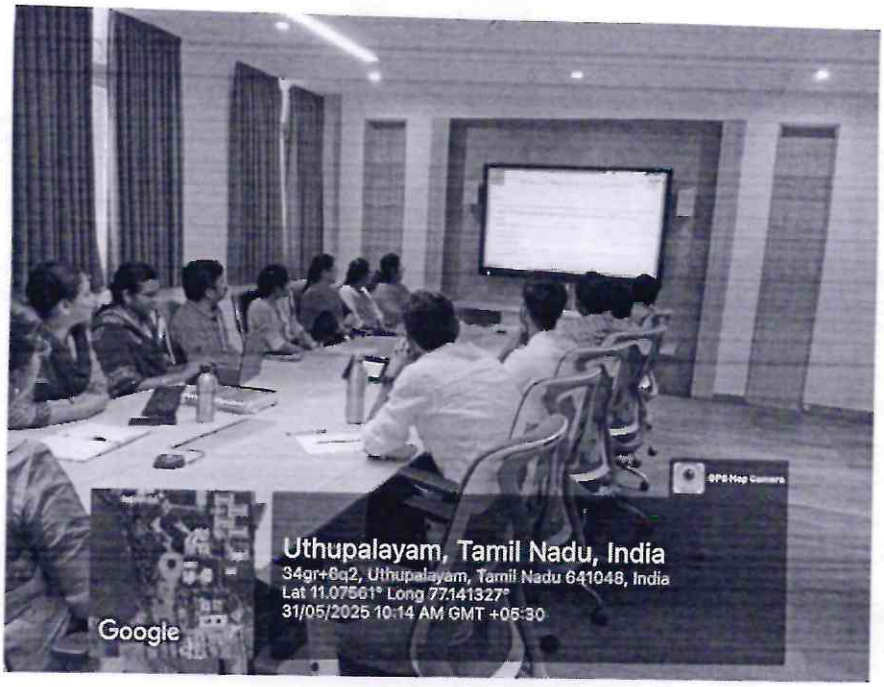
The Board of Studies (BoS) members unanimously agreed to incorporate the above suggestions and present them to the Academic Council for further review and approval.

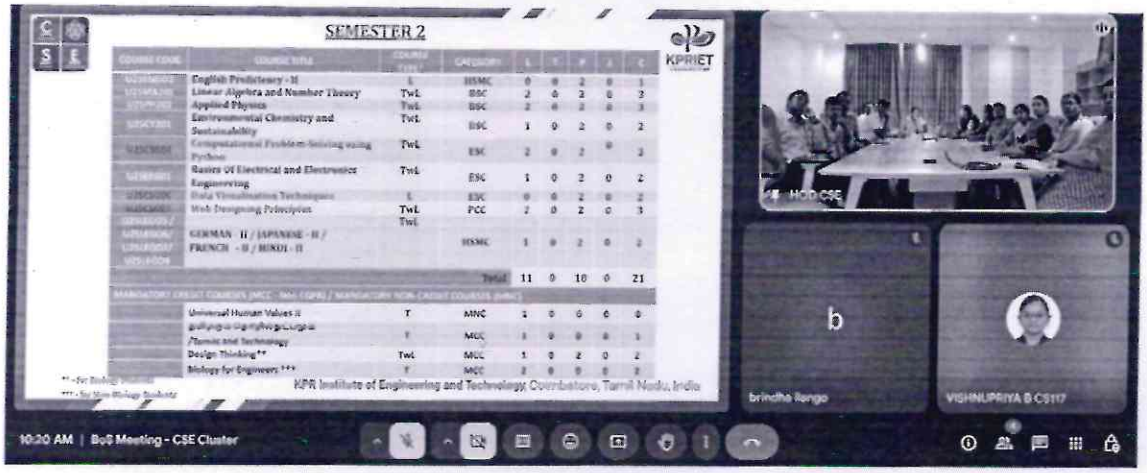
The meeting concluded with Dr. R. Devi Priya, HoD/CSE and BoS Chairperson, expressing gratitude to all members for their valuable inputs and recommendations.

R. Devi Priya 30/5/25

Chairman-BoS/ CSE

Screenshots of the Meeting

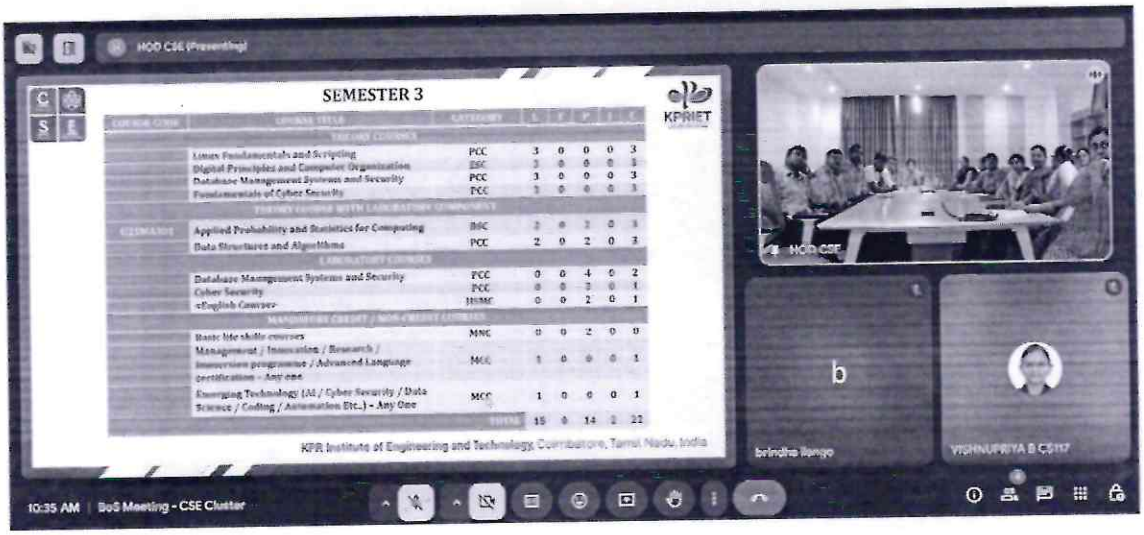


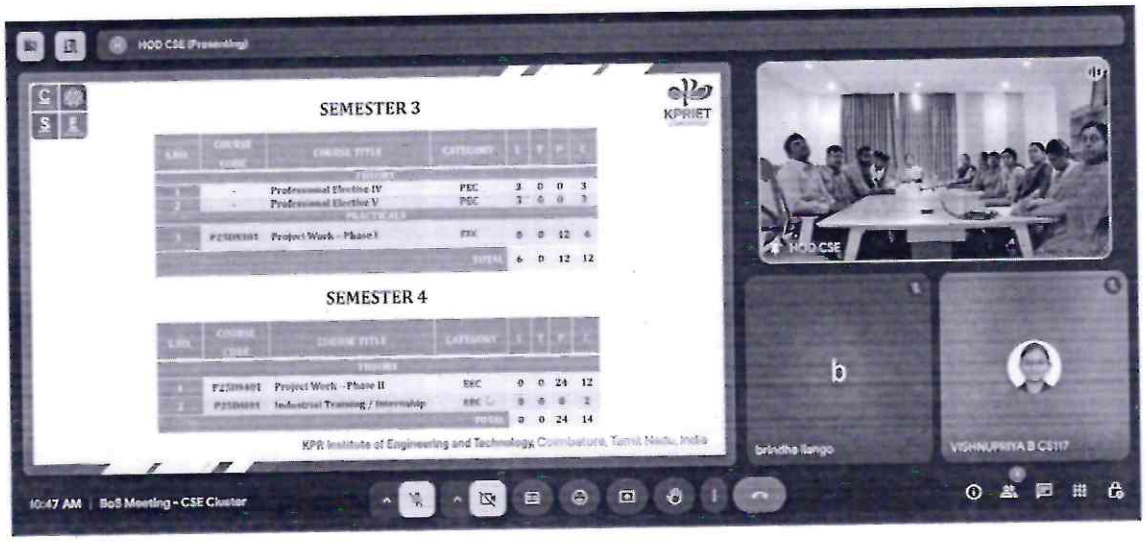


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Chairman – BoS / CSE