Department of Information Technology
KPR Institute of Engineering and Technology

KPRIET
Learn Beyond

31.05.2025

7th Board of Studies Meeting

Date: 31.05.2025

Venue: MBA Board Room

Mode: Hybrid

Google Meeting Link: https://meet.google.com/sdu-vjns-iok
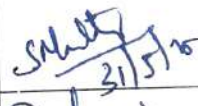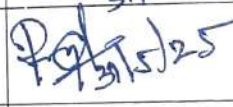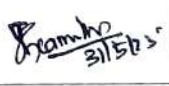
Agenda:

- Vision and Mission of the Institute
- Vision and Mission of the Department
- To discuss the:
  - Action taken on the minutes of 6th BoS meeting
- To discuss and pass:
  - R2025 – Curriculum
  - Syllabus of Semester I and II under Regulation R2025
- Value Added Courses
- One Credit Courses
- Online courses (NPTEL)
- Industry Internship
- Any other matter

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Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. M. Vijayalakshmi Professor Department of Computer Science and Engineering Thiyagarajar College of Engineering Madurai	University Nominee	*(signature)*
2.	Dr.T.Poongodi, Professor, Department of CSE, Dayananda Sagar University, Bangalore	Academic expert	Online
3.	Dr.K.Sashi CEO, Duratech Solutions Pvt Ltd, Coimbatore	Industry expert	Online
5.	Dr.K.Kamaraj Associate Professor & Head Department of IT, KPRIET	Board Chairman	K. Kamaraj *(signature)*
6.	Dr.S.Malathy Associate Professor Department of IT, KPRIET	Member	*(signature)* 31/5/25
7.	Ms.Priyadharshini Assistant Professor - III Department of IT, KPRIET	Member	*(signature)* 31/5/25
8.	Dr.S.Muthu Lakshmi Assistant Professor - II Department of IT, KPRIET	Member	*(signature)* 31/5/25
9.	Dr. K. Kalaivanan Assistant Professor Department of IT, KPRIET	Member	*(signature)* 31/5/25
10	Mr.Sriram Krishna V S, Assistant Professor - II Department of IT, KPRIET	Member	AB

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Minutes of the 7th Board of Studies Meeting:

The meeting commenced with a welcome note, followed by a presentation on the Vision and Mission of the Institute, Department and syllabus content of curriculum under R2025 and various features of the curriculum under R2021.

The following points are discussed during the 7th Board of Studies meeting.

Action taken on 5th BoS Meeting:

S.No	Suggestions	Action taken
1.	C# Programming for Unity Game Development Specialization	Incorporated into the capsule course syllabus.
2.	Incorporating Statistics in R2025	Incorporated in Semester III of the R2025 curriculum

RESOLUTIONS:

1. **The curriculum and syllabi for I and II semesters of UG programme under regulation 2025**

   Resolved to approve that the following recommendation may be passed to the standing committee of the Academic Council that the choice based credit system based curriculum and syllabi for the B.Tech Information Technology under Regulation 2025 be passed with the following suggestions.

   Curriculum under Regulation 2025:

   Semester I:

   - English Proficiency I
   - Calculus and Differential Equations
   - Engineering Physics
   - Chemistry for Computer Science
   - Problem Solving and C Programming
   - Digital Technologies
   - PC Building Essentials
   - Language Elective

   Semester II:

   - English Proficiency II
   - Linear Algebra and Number Theory
   - Engineering Physics
   - Chemistry for Computer Science

- Computational Problem Solving Using Python
- Basics of Electronics Engineering
- IT Essentials
- Web and Front-end Development Laboratory
- Language Elective

Semester III:

- Digital Electronics
- Computer Organization and Architecture
- Database Design and Management
- Programming using Java
- Applied Probability and Statistics for Computing
- Data Structures
- Database Laboratory
- Java Programming Laboratory
- <English Course>

Semester IV:

- Computer Networks
- Design and Analysis of Algorithms
- Operating Systems
- Open Elective -I (Technical Skill Development Courses)
- Enterprise Web Programming and Deployment
- Discrete Structures and Numerical Techniques
- <English Course>
- Operating Systems Laboratory

Semester V

- Artificial Intelligence
- Information Security
- Professional Elective – I
- Professional Elective – II
- Open Elective – II (IKS Courses for few Dept. / Entrepreneurship & Innovation Courses for few Dept.)
- Cloud Networking
- Information Security Laboratory
- Data Science Laboratory

Semester VI

- Machine Learning Techniques
- Embedded Systems and IoT

- Professional Elective – III
- Professional Elective – IV
- Open Elective – III (**IKS Courses for few Dept. / Entrepreneurship & Innovation Courses for few Dept.**)
- Automata Theory and Compiler Design
- Embedded Systems and IoT Laboratory
- Machine Learning Techniques Laboratory

Semester VII
- Cryptography and Cyber Security
- Software Project Management
- Professional Elective – V
- Professional Elective – VI
- Open Elective – IV (**Interdisciplinary Skills Development Courses**)
- Cryptography and Cyber Security Laboratory
- Project Work Phase – I
- Software Project Management Laboratory

Semester VIII
- MOOC / Professional Certification
- Project work Phase – II

Suggestions received on Curriculum R2025

- Dr. Vijayalakshmi mam suggested including OOP design concepts in Unit I of the Programming Using Java subject in Semester III.

- Dr. Vijayalakshmi mam suggested combining IT Essentials theory and lab into a single Theory with Lab course instead of having separate theory and lab courses in Semester II.

- Instead of having only a Data Science Lab, the experts suggested including theory along with the lab.

- Dr. Poongodi mam suggested combining Artificial Intelligence and Machine Learning into a single course in Semester V.

- Dr. Poongodi mam suggested moving Software Project Management to Semester VI, as having knowledge of SPM before starting the project phase will be helpful for students.

- Dr. K. Sashi mam suggested adding the topic "NoSQL" in the Database Design and Management course in Semester III.

- Dr. Poongodi mam suggested that Information Security can be taught after the Cybersecurity subject.

- It was suggested to offer the Computer Networks course as a Theory with Lab course.
- The HoD informed that AWS and Juniper certification courses were discussed at the department level as potential value-added or supplementary training programs, not as part of the curriculum
- The Board members approved the U21CIT01 - Juniper Networks Certified Associate Junos (JNCIA-Junos) - Industry Certification as an Industry Course.
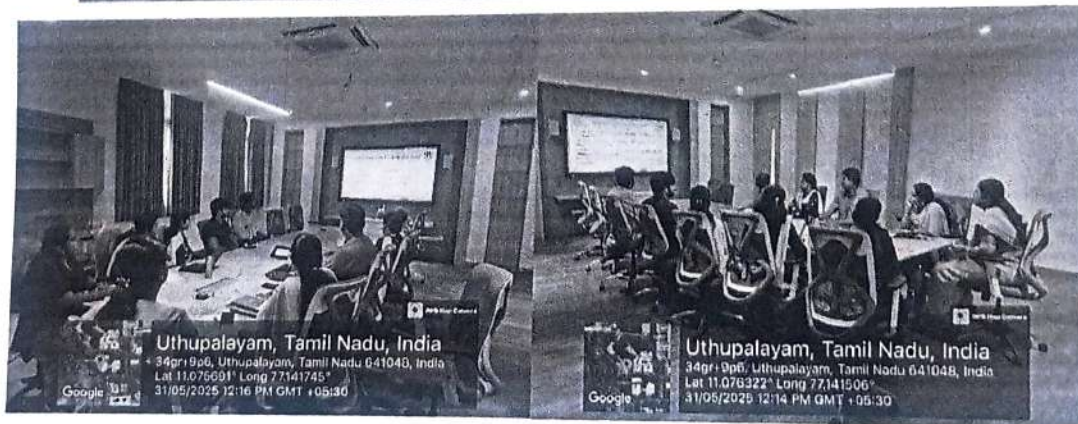
Chairman – BoS IT

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