Department of CSE (Artificial Intelligence and Machine Learning)
KPR Institute of Engineering and Technology

KPRIET
Learn Beyond

Date: 21.11.2025

8th Board of Studies (BoS)

Minutes of Meeting

Venue	:	MBA Board Room (Hybrid)
Meeting ID	:	Google Meet
		https://meet.google.com/bdg-arao-vwy
Date	:	21st November 2025 (Friday)
Time	:	11:00 AM - 12.15 PM
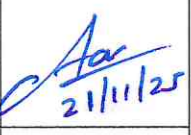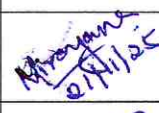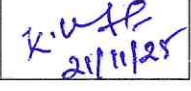
Agenda:

To discuss and Pass:

1. Discussion on the minutes of previous BoS meeting and actions taken
2. Approval of R2025 Curriculum and III, IV Semester Syllabus
3. Inputs from BoS members for Semester V to VIII under Regulations 2025
4. Approval of Syllabus for Open Elective Course under Regulations 2025
5. Approval of One Credit Courses (Industry offered courses) under Regulation 2021
6. Approval of Value-Added Courses under Regulation 2021
7. MOOC / Online Courses
8. Any other points for discussion

Members Present:

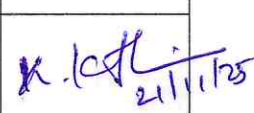| S. No.	Name of the member with Designation	Category	Signature
1.	**Mr. PANDIYA RAJAN G** Assistant Professor III and Head, CSE (AIML), KPRIET	Chairman	(signature)
2.	**Dr. MIRACLIN JOYCE PAMILA J C** Professor, Dept. of Computer Science and Engineering, Government College of Technology, Coimbatore.	University Nominee	**Online**
3.	**Dr. JANAKIRAMAN S** Professor, Dept. of Computer Science and Engineering, Pondicherry University, Pondicherry.	Academic Expert	**Online**

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S. No.	Name of the member with Designation	Category	Signature
4.	**Dr. SIBI CHAKKARAVARTHY S** Professor, School of Computer Science and Engineering, VIT-AP University, AP	Academic Expert	**Online**
5.	**Mr. VINITH ASWATH A S** Senior Software Engineer, Walmart Global Tech, Chennai	Industry Expert	**Online**
6.	**Mr. JEEVANANTHAM R** Software Engineer, FIS Global, Chennai	Alumnus	**Online**
7.	**Dr. KARTHICK PANNEERSELVAM** Associative Professor CSE (AIML) / KPRIET	Member	
8.	**Mr. ANANDAKRISHNAN T** Assistant Professor III CSE (AIML) / KPRIET	Member	
9.	**Mr. NANDHAGOPAL S** Assistant Professor II CSE (AIML) / KPRIET	Member	
10.	**Mr. ANISH ANTONY** Assistant Professor II CSE (AIML) / KPRIET	Member	
11.	**Mr. BIPLAB DAS** Assistant Professor I CSE (AIML) / KPRIET	Member	
12.	**Ms. KIRUTHIGA K** Assistant Professor I CSE (AIML) / KPRIET	Member	
13.	**Ms. JITHUMOL THANKACHAN** Assistant Professor I CSE (AIML) / KPRIET	Member	**Online**
14.	**Mr. ROBIN SINGH RAUTHAN** Assistant Professor I CSE (AIML) / KPRIET	Member	
15.	**Ms. NIRANJANA J** III year, CSE (AIML) / KPRIET	Student Member	
16.	**Mr. VIGNESH K** III year, CSE (AIML) / KPRIET	Student Member	

Minutes of Eighth Board of Studies Meeting

The meeting started with the Chairman, Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) welcoming the members of the Board of Studies and meeting started with a presentation.

Following points have been discussed during the 8th Board of Studies meeting.

Suggestions and Actions Taken for 7th BoS Meeting

The 7th BoS meeting suggestions are implemented by the department as follows:

S. No	Suggestion	Action Takes
1.	Suggested to include the Advanced Generative AI concepts through One Credit courses in R2021	The following One credit and VAC course are added in R2021 • U21OAM12 - Lang Chain for LLM Applications, • U21VAM09 - Prompt Engineering for Generative AI
2.	Add one more class for the course "Data Structures" in R2025	In R2025, U21CSG05 - Data Structure course theory hours increased to 3 hours per week
3.	Suggested to introduce basic file handling and system navigation experiments in "Linux and Shell Scripting Lab" course	File-Handling experiments included in the course "U25AM202 - Linux and Shell Scripting Lab" in R2025
4.	Suggested to emphasize the need of distinguish between rule based and model-based systems for better conceptual clarity	The differences between rule-based and model-based systems with examples is incorporated in the course U25AM201 - Foundations of Artificial Intelligence to enhance conceptual clarity

The curriculum of R2025 and syllabi for 3rd and 4th 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 (CBCS) based curriculum and syllabi for the Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) programme under Regulation 2025 be passed with the following suggestions.

Department of CSE (Artificial Intelligence and Machine Learning)
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A) Curriculum under Regulation 2025:

Semester I

- English Proficiency - I
- Calculus and Differential Equations
- Engineering Physics
- Chemistry for Computer and Information Science
- Problem Solving and C Programming
- Digital Technologies
- PC Building Essentials
- German I / Japanese I / French I / Hindi I

Semester II

- English Proficiency - II
- Linear Algebra and Number Theory
- Applied Physics
- Environmental Science and Sustainability
- Computational Problem Solving using Python
- Basics of Electrical Engineering
- Foundations of Artificial Intelligence
- Linux and Shell Scripting Lab
- German II / Japanese II / French II / Hindi II

Semester III

- Digital Principles and Computer Organization
- Database Management Systems
- Object Oriented Programming
- Applied Probability and Statistics for Computing
- Data Structures
- Data Analytics with R
- Database Management Systems Laboratory
- Object Oriented Programming Laboratory

Semester IV

- Artificial Intelligence with IoT
- Operating Systems
- Machine Learning

- o Open Elective – I
- o Discrete Structures and Numerical Techniques
- o Design and Analysis of Algorithms
- o English Course
- o Operating Systems Laboratory
- o Machine Learning Laboratory

Semester V

- o Internet and Web Programming
- o Deep Learning
- o Professional Elective – I
- o Professional Elective – II
- o Open Elective – II
- o Computer Networks
- o Internet and Web Programming Laboratory
- o Deep Learning Laboratory

Semester VI

- o Generative AI
- o Feature Engineering
- o Professional Elective – III
- o Professional Elective – IV
- o Open Elective - III
- o Cloud and Big Data Analytics
- o Generative AI Laboratory
- o Feature Engineering Laboratory

Semester VII

- o Text and Visual Analytics
- o High Performance Computing
- o Professional Elective – V
- o Professional Elective – VI
- o Open Elective – IV
- o Text and Visual Analytics Lab
- o Project Work Phase – I

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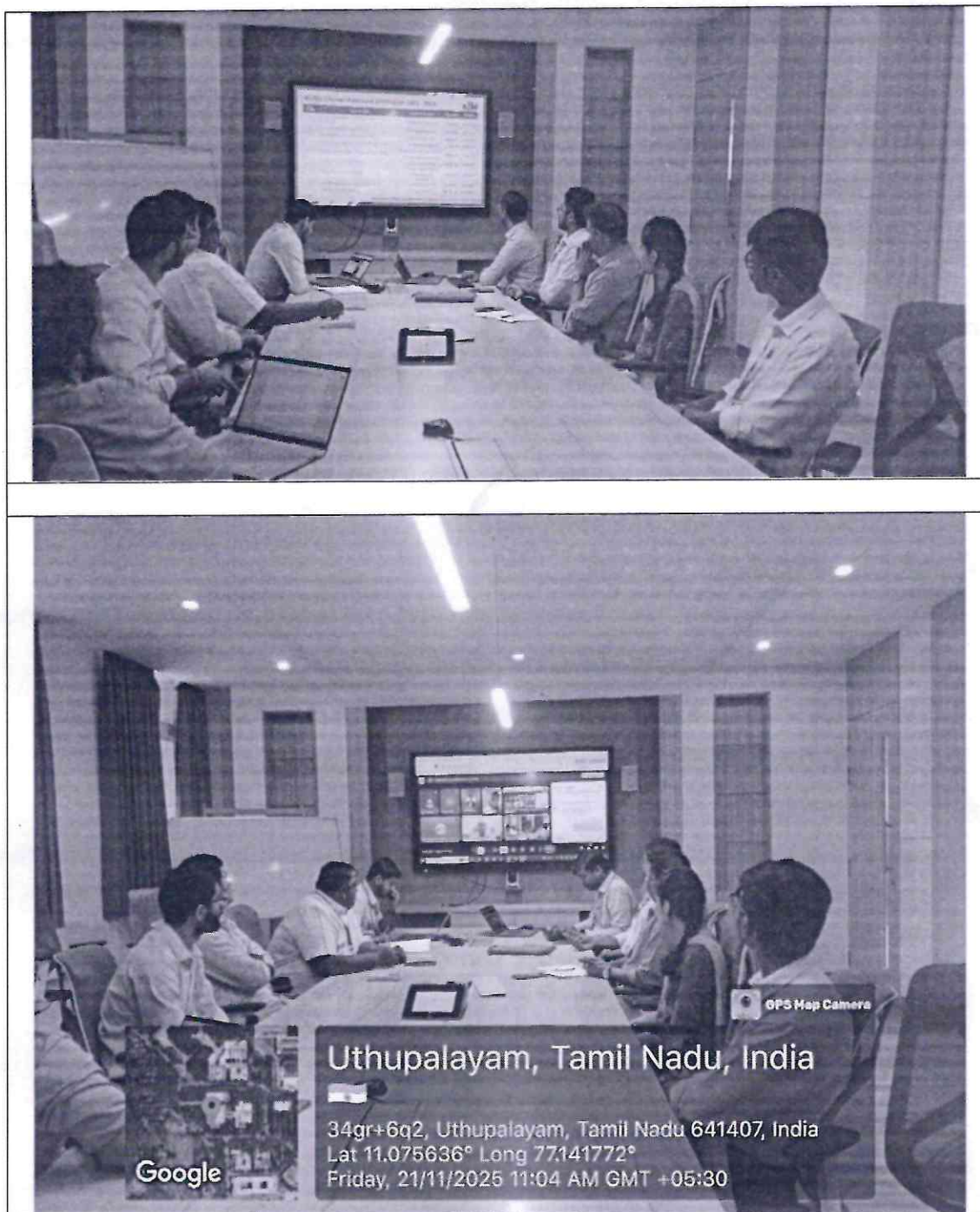- o MOOC / Professional Certification
- o Project work Phase – II

B) Syllabi for the III and IV Semesters under the Regulation of 2025.

a. U25AM301 - Data Analytics with R (Theory with Lab)

b. U25AM401 - Artificial Intelligence for IoT (Theory with Project)

c. U25AM402 - Machine Learning (Theory)

d. U25AM403 - Machine Learning Laboratory (Laboratory)

Comments/ Suggestions Received on Curriculum R2025:

- University Nominee **Prof. Miraclin Joyce Pamila** suggested
  - o Suggested to add applications and case studies in the unit IV and V.
  - o Including applications and case studies ensures that students understand how theoretical concepts are used in real-world AI systems deployed in industry.
  - o Real-time use cases improve attainment of COs by strengthening higher-order thinking skills such as application, analysis, and evaluation.

- Academic Expert **Prof. Janakiraman** suggested
  - o To better align the course title (from "Data Analytics with R" to "R Programming Essentials") with its core focus on foundational R programming concepts and to provide clearer clarity to students about the primary learning outcomes.
  - o Suggested to add code generation tool in the Open Elective Course "Digital Skills for AIML Applications"

- Academic Expert **Prof. Sibi Chakkaravarthy** suggested
  - o To reduce the course contents of Machine Learning syllabus to ensure better alignment with credit hours and to provide students with a more manageable, fundamentals-focused learning experience.
  - o Suggested to remove the topics in unit v (Feature selection and scaling Techniques) and balancing with mathematical understanding. It will be added in Feature Engineering.

- Industry Expert **Mr. Vinith Aswath** suggested
  - To enhance students' understanding of the Artificial Intelligence for IoT subject, it is suggested to include hands-on sessions using IoT components and sensors.
- Alumni Member **Mr. Jeevanantham** suggested
  - Providing practical exposure in cloud and bigdata applications will greatly help students understand Azure concepts more effectively.

C) Open Elective Course

Board recommended the Open Elective course "U25AMX01 - Digital Skills for AIML Applications" under Regulations 2025 to the standing committee of the Academic Council.

D) Industry One Credit Courses

Board recommended the following Industry One Credit Courses under Regulations 2021 to the standing committee of the Academic Council for discussions:

  a. U21OAM13 - Quantum Machine Learning (QML) Essentials
  b. U21OAM14 – Graph Neural Network

E) Value-Added Courses

Board recommended the following Value-Added Courses under Regulations 2021 to the standing committee of the Academic Council for discussions:

  a. U21VAM11 - Machine Learning Operations (MLOps) with Cloud
  b. U21VAM12 - Advanced Computer Vision Techniques

F) Online Courses

Board recommended the following Online (NPTEL) Courses under Regulations 2021 to the standing committee of the Academic Council for discussions:

  a. Artificial Intelligence: Knowledge Representation and Reasoning
  b. Business Intelligence & Analytics
  c. GPU Architectures and Programming
  d. Getting Started with Competitive Programming
  e. Introduction to Large Language Models (LLMs)
  f. Selected Topics in Algorithms
  g. Foundations of Virtual Reality
  h. Statistical Learning for Reliability Analysis
  i. Cyber Security and Privacy

Any other matter: Nil

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Photos:

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Friday, 21/11/2025 11:04 AM GMT +05:30

Chairman
BOS/CSE (AIML)

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