

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University]

Department of Information Technology

Minutes of the 4th meeting of the Board of Studies for the UG Programme, B.Tech. Artificial Intelligence and Data Science, offered by the Department of Artificial Intelligence and Data Science, held on May 14, 2025, at 9:30 a.m. in the Board Room at Jerusalem College of Engineering.

Members Present:

Sl.no.	Name	Category	Sl.no.	Name	Category
1.	Dr. M.S.Jeyalakshmi, Associate Professor & HOD- AI&DS Jerusalem College of Engineering	Chairman	8.	Ms. Sahaya Brainy Assistant Professor Jerusalem College of Engineering	Member
2.	Dr. T. Raghuvveera Associate Professor Department of CSE Anna University, Chennai.	Anna University Nominee	9.	Ms.M.Preetha Assistant Professor Jerusalem College of Engineering	Member
3.	Dr. M. Thirumaran Professor Department of CSE Puducherry Technological University, Puducherry	Anna University Nominee	10.	Ms.I.Anicham Assistant Professor Jerusalem College of Engineering	Member
4.	Dr. N. Ganesh Senior Associate Professor School of Computer Science and Engineering , Vellore Institute of Technology, Chennai Campus	Subject Expert	11.	Ms.Sangeetha S Assistant Professor Jerusalem College of Engineering	Member
5.	Mr.Sudeesh Sankaravel Associate Fellow Data Scientist Verizon,India	Industry	12.	Ms.Ranjitha R Assistant Professor Jerusalem College of Engineering	Member
6.	Mr.Vijay Ramakrishnan BPM Pega Practice, Head-Chennai Capgemini - Member	Industry	13.	Ms.V.G.Thamaraiselvi Assistant Professor Jerusalem College of Engineering	Member
7.	Mr.Babji Shaik CEO SBV Technologies Private Ltd, Chennai.	Alumni			

At the outset, the Chairman welcomed all members to the Fourth Meeting of the Board of Studies held on May 14, 2025. He informed the members that the primary agenda of the meeting was to finalize the syllabi for the core courses offered in the fourth year under Regulation 2021 (R2021), and the third and fourth years under Regulation 2023, for the B.Tech. Artificial Intelligence and Data Science programme.

The agenda points were discussed in detail as mentioned below:

Item No. 1 – Approval of the Syllabi for the Fourth Year (Seventh and Eighth Semesters) under R2021 for the B.Tech. Artificial Intelligence and Data Science Programme, Jerusalem College of Engineering

The Chairman presented the proposed syllabi for the fourth year, covering the seventh and eighth semesters under R2021. During the discussion, members suggested the following revision:

- In the course titled “JAD-1702 Web Application Framework,” it was noted that **Unit V is extensive and cannot be effectively covered within the allotted 9 instructional hours.**

Based on this input, the necessary modification was made and is presented as Annexure I. With the suggested changes incorporated, the syllabi for the seventh and eighth semesters under R2021 were finalized and approved.

Item No. 2 – Approval of the Syllabi for Third and Fourth Year Courses (Fifth, Sixth, Seventh, and Eighth Semesters) under Regulation 2023 (R2023) for the B.Tech. Artificial Intelligence and Data Science Programme, Jerusalem College of Engineering

The Chairman presented the proposed syllabi for the third and fourth years, covering the fifth to eighth semesters under R2023. During the discussion, the members recommended the following changes:

- For the course titled “JAD2601 Text and Speech Analysis,” it was suggested that **Unit V titled “Emerging trends in text and speech analysis”** may be updated to include recent trends such as **ChatGPT**. Additionally, it was noted that **Unit IV- Speech and Signal Processing** is too extensive to be effectively covered within the allocated 9 hours.
- For the course titled “JAD2621 Deep Learning,” members proposed to include the topic **Deep Neural Network in Unit I: Introduction to Deep learning** to provide a stronger foundational understanding.

Furthermore, the Board of Studies members recommended the use of **Google Colab** as the primary platform for all laboratory sessions.

The above suggestions were accepted, and the syllabi were finalized with the proposed modifications and Annexure -II

Item No. 3 – Ratification and Approval of the Revised Panel of Internal and External Examiners to be Forwarded to the Academic Council

The Chairman presented the revised panel of internal and external examiners for the B.Tech. Artificial Intelligence and Data Science programme. After reviewing the list, the members **ratified and approved** the panel without any modifications. It was resolved that the approved list would be **forwarded to the Academic Council** for further consideration.

Item No. 4 – Best Practices

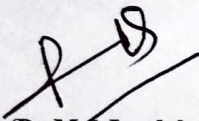
The Chairman highlighted several **pedagogical initiatives** and **innovative teaching and evaluation methods** currently adopted by the Department of Artificial Intelligence and Data Science. These included strategies aimed at improving student engagement, enhancing conceptual understanding, and leveraging technology for effective learning outcomes.

General Suggestion:

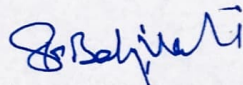
The Anna university representative Dr. T. Raghuvveera Suggested the following:

- Ensure that there is no content overlap across different syllabi.
- Collect and incorporate feedback on the curriculum from relevant stakeholders.
- Organize faculty development programs focusing on recent trends and advancements for all teaching staff.

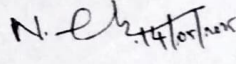
The members appreciated the efforts and contributed **additional suggestions and ideas** to further enrich the teaching-learning environment. These included the integration of experiential learning, industry-based projects, and collaborative learning technique



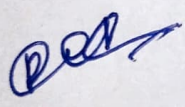
(Dr. M.S. Jeyalakshmi)
CHAIRMAN



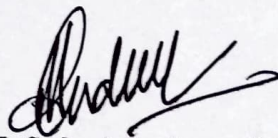
(Mr. Babji Shaik)
ALUMNI MEMBER



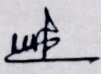
(Dr. N. Ganesh)
SUBJECT EXPERT



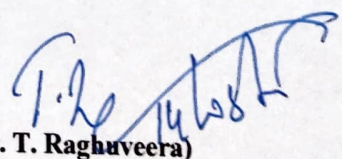
(Mr. Vijay Ramakrishnan)
INDUSTRY EXPERT



(Mr. Sudeesh Sankaravel)
INDUSTRY EXPERT



(M. THIRUMARAN)
(Dr. M. Thirumaran)
ANNAUNIVERSITY NOMINEE



(Dr. T. Raghuvveera)
ANNAUNIVERSITY NOMINEE