



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY**

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

46
years

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Date: 03/05/2025

Minutes of the Fifth Board of Studies (Artificial Intelligence and Data Science) meeting held on 03-05-2025 through Webex from 10:30AM onwards:

Members Present:

Experts from academic institutions and industry attended the meeting to discuss curriculum revisions.

1. Dr. K. Radhika, Professor and Head, Department of AI&DS, CBIT, Hyderabad.
2. Dr. Annavarapu Chandra Sekhara Rao, Associate Professor, CSE Dept, IIT(ISM), Dhanbad.
3. Dr. Raju Bhukya, Associate Professor, CSE Dept, NIT Warangal.
4. Dr. Thippa Reddy Gadekula, Zhongda Group, Haiyan County, Jiaxing City, China.
5. Prof. M Venkat Dass, BOS Chairman (CSE) UCE, O.U., Hyderabad.
6. Prof. Suresh Lokhande, Professor CSE Dept, UCE, O.U., Hyderabad.
7. Mr. Naga Arun Kumar Reddy, Senior Lead Engineer, Qualcomm, Hyderabad
8. Mr. Sai Sathvik Vadari, MLOps Engineer, 8bit.ai, Hyderabad.
9. P. Laxmi, Packaged App Development Associate, Accenture, Hyderabad
10. Dr. Deeban Chakravarthy V, Associate Professor, SRM Institute of Science and Technology, Chennai.
11. Mr. V. Parameshwar Reddy, Senior Consultant, Technical Lead for Azure Cloud, Capgemini, Hyderabad.
12. Dr. D. Lakshmi Srinivasa Reddy, Associate Professor, Department of AI&DS, CBIT, Hyderabad.
13. Dr. Kadiyala Ramana, Associate Professor, Department of AI&DS, CBIT, Hyderabad.
14. Dr. P. Srilatha, Associate Professor, Department of AI&DS, CBIT, Hyderabad.
15. Dr. M. Srinivasa Rao, Associate Professor, Department of AI&DS, CBIT, Hyderabad.
16. Dr. T. Satya Kiranmai, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
17. Dr. Sheena Mohammad, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
18. Mr. Naveen Raja S M, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.

Special Invitees:

1. Dr. Shoba Rani, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
2. Mrs. Kaneez Fatima, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
3. Smt. V. Krishna Aravinda, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
4. Mrs. Swathi Tejah Yalla, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
5. Ms. Anjum Nabi Sheikh, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
6. Ms. Talla Sai Sree, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
7. Ms.V. Vasuki Rohini Devi, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
8. Mr. Pavan Kumar Singhal, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
9. Ms. Pallavi Yenigalla, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.
10. Mr. M. Krishna Kishore, Assistant Professor, Department of AI&DS, CBIT, Hyderabad.

Dr. K. Radhika, Chairperson BoS welcomed all the members and conducted the proceedings:

Item 1: Approval of the Minutes of the previous BoS meeting

The minutes of the fourth BOS (AI&DS) meeting held on 06-05-2024 are discussed and confirmed.

Item 2: To approve the revisions in R-22A Scheme

The revisions in R22-A scheme for B.E. (AI&DS) Program have been presented and approved.

Item 3: To approve the revised Scheme of B.E III to VIII semesters of R22A

The revised scheme for semesters III to VIII has been presented and approved with the following recommendation:

- a. Inclusion of the course “Principles of Programming Languages” as a core course.

Item 4: To review the course contents of III to VIII semesters of R22A and to approve the syllabus of III to VIII semesters

The proposed syllabus for III to VIII semesters of B.E.(AI&DS) Program as per R22A regulation is approved with the following recommendations:

- a. To include the concept of Data Lake in the course “Data Engineering (22ADE66N)” for handling unstructured data and a textbook authored by Manoj Kukreja is suggested.
- b. To include more programs in Spark and using Databricks tool in the course on “Principles of Big Data Analytics Lab (22ADC72N)”
- c. To introduce about vector spaces for RAG in the Theory Course on “Generative AI (22ADE76N)”
- d. To revise the syllabus of the course “Healthcare Analytics (22ADE83N)” to ensure that the syllabus can be covered in a single semester and with the help of existing prerequisites

Item 5: To approve Open Electives offered to other departments

The following three open elective courses are offered to other departments:

- i. Industry 5.0 Applications of AI
- ii. Data Science using Python
- iii. Free and Open Source Software

Course contents of the above courses have been reviewed and approved with the following recommendations:

- a. To revise the content of the course “Industry 5.0 Applications of AI” to make it more general and accessible to the students of the other departments.
- b. To check the feasibility of including the Swecha case study in the “Free and Open Source Software” course.

ITEM 6: Value-Added Courses (Proposed)

The following value-added courses are proposed to float in the academic year 2025-26 (A minimum of 2 courses) to enable students to get practical exposure in the domains of DevOps Essentials, Full Stack Mobile App Development, Computer Networks, Cyber Security . The proposed courses are approved.

ITEM 7: Any other item with the permission of the chair

The committee authorized the chairperson BoS (AI&DS) for the following:

- i. To constitute a panel of examiners for question paper setting, paper valuation and practical examinations.
- ii. To modify the course outcomes if required.
- iii. To assign course codes as per norms specified by the institute. To update book editions for the courses if required.

The BoS (AI&DS) meeting is concluded with a vote of thanks by the chairperson.

Chairperson-BoS (AI&DS)

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Head, AI&DS Dept.

HEAD OF THE DEPARTMENT
Department of AI&DS,
CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY,
Hyderabad-500075, Telangana, India.

To

All members of Board of Studies (Artificial Intelligence & Data Science)

The Chairman-Academic Council,

The Vice Principal-Academics

The Director- Academics.