



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 29-06-2024

**Minutes of the fourteenth Board of Studies (Information Technology) meeting held online on 29-06-2024 through Webex Meet from 03:00PM onwards:**

**Members present:**

1. Prof. M.Venu Gopalachari, Professor, IT Dept., CBIT, Hyderabad.
2. Prof. O.B.V. Ramanaiah, Professor, CSE, Dept. of CSE, JNTUH(A), Hyderabad
3. Dr. Suresh Kumar Lokhande, Professor, CSE Dept., UCE, O.U, Hyderabad.
4. Dr. Raghavendra Kune, Scientist 'SG', Head, High Performance Computing and Drones, ADRIN, ISRO, Hyderabad
5. Sri BalaPrasad Peddigari, Chief Innovation Officer and Global Head – Technology Advisory Services, TCS, Hyderabad
6. Prof. P. Suresh, Professor, IT Dept., CBIT, Hyderabad.
7. Prof. K Ramakrishna, Professor, IT Dept., CBIT, Hyderabad.
8. Dr R M Krishna Sureddi, Assoc Professor, IT Dept., CBIT, Hyderabad.
9. Dr. B.Veera Jyothi, Assoc Professor, IT Dept., CBIT, Hyderabad
10. Dr. T. Satyanarayana Murthy, Assoc Professor, IT Dept., CBIT, Hyderabad.
11. Dr. N. Sudhakar Yadav, Assoc Professor, IT Dept., CBIT, Hyderabad.
12. Dr. Ramu Kuchipudi, Assoc Professor, IT Dept., CBIT, Hyderabad.
13. Dr. D. Jayaram, Assistant Professor, IT Dept., CBIT, Hyderabad.
14. Dr. K. Sugamya, Assistant Professor, IT Dept., CBIT, Hyderabad.
15. Dr. A. Sirisha, Assistant Professor, IT Dept., CBIT, Hyderabad.
16. Dr. T. Prathima, Assistant Professor, IT Dept., CBIT, Hyderabad.
17. Dr. S. Rakesh, Assistant Professor, IT Dept., CBIT, Hyderabad.
18. Dr. B. Swathi Sowmya, Assistant Professor, IT Dept., CBIT, Hyderabad.

**Special Invitees:**

19. Dr. P. Ramesh Babu, Assoc Professor,, IT Dept., CBIT, Hyderabad.
20. Dr. Pragathi Priyadarsini, Assistant Professor, IT Dept., CBIT, Hyderabad.
21. Mr. K. Gangadhar Rao, Assistant Professor, IT Dept., CBIT, Hyderabad.
22. Mr. U. Sairam, Assistant Professor, IT Dept., CBIT, Hyderabad.
23. Mr. V.Santosh, Assistant Professor, IT Dept., CBIT, Hyderabad.
24. Mr. K. Rajesh Kannan, Assistant Professor, IT Dept., CBIT, Hyderabad.
25. Mrs. E. Rama Lakshmi, Assistant Professor, IT Dept., CBIT, Hyderabad
26. Dr. K.H. Vijaya Kumari, Assistant Professor, IT Dept., CBIT, Hyderabad



**Agenda of the meeting:**

1. Confirmation of the minutes of the 13<sup>th</sup> BoS-IT.
2. Approval of Scheme of newly sanctioned PG program M.Tech (AI & Robotics) as per R23 Regulation.
3. Approval of syllabus for I to IV Semesters of M.Tech - IT(AI & Robotics) program as per R-23 Regulation.
4. Any other item with the permission of the chair

Dr.M.Venu Gopalachari, Chairperson, Board of Studies (IT) acknowledged the valuable contribution of earlier BoS members in compiling the BE Syllabus for R22, welcomed all the present BoS members of the Board and conducted the proceedings.

Agenda for the 14<sup>th</sup> BoS meeting was announced by HoD, IT.

**Item 1: Confirmation of the minutes of the 13th BoS.**

BoS members have confirmed the 13<sup>th</sup> BoS meeting minutes.

**Item 2: Approval of scheme of newly sanctioned PG program M.Tech - IT(AI & Robotics) as per R23 Regulation.**

The Bos Chairperson has discussed the scheme of all the four semesters and their credit distribution, all the BoS members have confirmed the scheme with the following suggestions:

- a) Organize the list of courses under Program Electives-2 and Program Electives-3 separately.
- b) Teaching Ethics & Governance either by inclusion of courses like Ethical AI, Responsible AI or to include some topics in related courses.

**Item 3: Approval of syllabus for I to IV Semesters of MTech-IT (AI & Robotics) program as per R-23 Regulation.**

Presentation of syllabus for all the courses from I to IV semester took place and the Bos experts have given the following suggestions:

- i) To revise the course outcomes for the course "Fundamentals of Robotics"
- ii) To organize Industry talks for the I semester students from the domains like manufacturing, Health care to give more knowledge on the "applications of AI" to the students.
- iii) To include the lab exercises related to industry applications.
- iv) To include Transformer Architecture and concepts related to vector store in Unit-I of "Generative AI" course.
- v) To keep the conversational AI course as a prerequisite for the "Generative AI" course.



- vi) To Include cover guardrails, safety AI, moderation filters, and explainable AI in the cybersecurity course
- vii) To include advanced topics like "Hyper Automation" in the "Robotic Process Automation" course.
- viii) To Change the title of the course "Unmanned Vehicles" as "Unmanned Aerial Vehicles" to justify the syllabus.

**Item 4: Any other item with the permission of the chair**

The BoS chair has presented the PEOs and PSOs formulated for the newly sanctioned PG program of M.Tech (AI & Robotics), and the BoS experts have approved the same with minor corrections.

**The BoS (IT) meeting is concluded with a vote of thanks by the Chairperson.**

**Dr. M.Venu Gopalachari.**

Chairperson, BoS (IT)

Head, IT Dept., CBIT (A)

**Head Dept. of IT  
CBIT, Hyderabad**