CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

42 years

ISO Certified 9001:2015

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17-04-2021

Minutes of the Tenth Board of Studies (Information Technology) meeting held online on 17-04-2021 through Google Meet from 10:30 AM onwards:

Members present:

1. Mr. Praveen Tammana, Assistant professor, Department of Computer Science & Engineering, IIT Hyderabad.
2. Prof. K. Shyamala, Professor, CSE Dept., UCE, O.U, Hyderabad.
3. Dr. Raghavendra Kune, Scientist 'SG', Head, High Performance Computing and Drones, ADRIN, ISRO, Hyderabad
4. Ms. G. Gayathri, Catalog Lead, Amazon Development Center
5. Mr Mahesh Sale, CEO, VM Technologies, Hyderabad
6. Mr Akash Sinha, Head, Learning and Development L4G, Hyderabad
7. Dr.P.Suresh, Professor, IT Dept., CBIT, Hyderabad.
8. Dr. K. Radhika, Professor, IT Dept., CBIT, Hyderabad.
9. Dr.M.Venugopala Chari, Associate Professor, IT Dept., CBIT, Hyderabad.
10. Ms. K. Sugamya, Assistant Professor, IT Dept., CBIT, Hyderabad.
11. Ms. A. Sirisha, Assistant Professor, IT Dept., CBIT, Hyderabad.
12. Dr. M. Trupthi, Assistant Professor, IT Dept., CBIT, Hyderabad.
13. Ms. T. Prathima, Assistant Professor, IT Dept., CBIT, Hyderabad.
14. Ms K.N.V.S. Sridevi, Assistant Professor, IT Dept., CBIT, Hyderabad.
15. Dr B.Veera Jyothi, Assistant Professor, IT Dept., CBIT, Hyderabad.
16. Mr V.Santhosh, Assistant Professor, IT Dept., CBIT, Hyderabad.
17. Mr K.Gangadhara Rao, Assistant Professor, IT Dept., CBIT, Hyderabad.

AGENDA

1. Introducing the new board members
2. Confirmation of the minutes of the Ninth BoS(IT) meeting
3. Approval of the Scheme for III to VIII Semesters of B.E. (IT) Program as per R20 Regulation.
4. Approval of Syllabus for III & IV Semesters of B.E. (IT) program as per R20 regulation
5. Approval of courses for the award of B.E.(IT) Honors Degree and Additional Minor Engineering in Artificial Intelligence, Data Science, AR-VR and Information Security.
6. Any other item with the permission of the chair.

Dr. K. Radhika, Chairpeson, Board of Studies (IT) welcomed the members of the Board and conducted the proceedings:

Item 1: Confirmation of the minutes of the Ninth BoS (IT) meeting

The Minutes of the Ninth BoS (IT) meeting held on 25-07-2020 are confirmed

Item 2: Approval of the Scheme for III to VIII Semesters of B.E. (IT) Program as per R20 Regulation of CBIT.

The proposed R-20 scheme for III to VIII Semesters of B.E. (IT) Program is approved with the following recommendations:

a) Automata Theory and Compiler Design should be offered as a single course with 4 credits (3L+1T periods) in the III semester as a core subject.

b) To include the courses, 'Digital Image Processing'(from Track #1:Applied Machine Learning and Intelligent Systems), 'Data Analysis and Visualization with Python' (from Track #2: Data Engineering), 'Mobile Application Development with Android and Kotlin' (from Track #3: Programming and Application Development), 'Fundamentals of Cryptography' (from Track #4: Block Chain and Cyber Security) and 'Data Warehousing and Data Mining' (from Track #5: Software and Systems Engineering) under Professional Elective-1.

c) To include Courses on Cloud Computing, Enterprise Resource Architectures under Track #5: Software and Systems Engineering

d) To include Python Full Stack Development and Robotic Process Automation under Track#3: Programming and Application Development and IoT Security under Track #4: Block Chain and Cyber Security track.

e) The committee suggested that the departments shall offer theme-based internships in the domains of Artificial Intelligence, Machine Learning, Data Science, Virtual Reality, Autonomous systems to the students which shall be carried out within the campus as part of the course 'Industrial/Rural Internships'.

Item 3: Approval of Syllabus for III & IV Semesters of B.E. (IT) program as per R20 regulation

The proposed R-20 Syllabus for III & IV Semesters of B.E. (IT) program is approved with the following recommendations:

a) To offer the course 'DC Circuits, Sensors and Transducers' with 3 credits (3L periods) in the III Semester.

b) To include 'Digital Logic and Computer Architecture' & 'Design and Analysis of Algorithms (Theory + Lab)' in the III Semester and 'Java Programming (Theory + Lab)' in the IV Semester.

c) The committee suggested minor changes in the syllabi of 'JP &WF lab', 'IT workshop', 'Design and Analysis of Algorithms', 'Digital Logic and Computer Architecture' and Software Engineering Lab courses.

d) The committee has approved syllabus of the newly introduced lab course 'Artificial Intelligence & Machine Learning Tools, Techniques & Applications' to be offered in the IV Semester.

c. To update Book Editions for the courses if required

d. To assign course codes as per the norms specified by the Institute.

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

Dr. K. Radhika.
Chairperson, BoS (AI&DS)
Head, IT, Dept., CBIT (A)

Copy to:

All the members of Board of Studies (Information Technology)
The chairman, Academic Council
Director, Academics
Joint Director, Academics-Informatics