

**COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE - 14**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**BOARD OF STUDIES**

**Minutes of the Meeting**

**Date : 06 - 02 – 2024**

**Time : 02: 00 pm**

The Board of Studies Meeting was conducted on 06/02/2024 to discuss the updations in the Regulation and Curriculum for MCA 2023. Chairman - BoS Dr. R. S. Somasunadarm, Professor & Head, Department of Computer Applications, CIT welcomed the BOS members and placed the agenda for the deliberation with the members. BOS in-charge Dr. J. B. Jona proposed the syllabus for the new electives, one credit course and nptel courses for the two year MCA Programme admitted from 2023-2024 onwards..

**Suggestions by the BOS Members:**

- The following elective courses were proposed to be added in the 2023 Curriculum
  - 23MCAE120 - Web Graphics Theory
  - 23MCAE210 - Web Graphics Lab
  - 23MCAE211 Data Visualization Lab
- It was suggested to include recent reference books in the Web Graphics theory syllabus.
- It was also suggested to consult with industry experts to include the relevant contents of Web Graphics theory.
- Web graphics theory and lab contents should be matching.
- Instead of giving lab exercises, case studies may be given for Web Graphics lab.
- Open source tools like Tabula can be included in Data Visualization lab.
- Instead of having Cyber Security one credit course, courses like Ethical Hacking, and Forensic Science may be included.
- Offer "Microservices" as compulsory elective.
- "System Design" course may be offered as a Bridge Course.
- Find possibilities of offering "Basics of Web Development" in the first semester, and including "Computer Vision" in the curriculum.
- The following nptel courses have been approved for enrolment:

Course Code	Course Name	Credits
23MCAOL01	An introduction to artificial intelligence	3
23MCAOL02	Blockchain and it's application	3
23MCAOL03	Cloud Computing and Distributed Systems	3
23MCAOL04	Communication Network	3
23MCAOL05	Data Analytics with python	3
23MCAOL06	Foundations of cryptography	3
23MCAOL07	Games and Information	3

23MCAOL08	Joy of computing using python	3
23MCAOL09	Natural Language Processing	3
23MCAOL10	Parallel Computer Architecture	3
23MCAOL11	Problem solving through programming in C	3
23MCAOL12	Web Technology	3

- The following syllabus of the one credit course ethical hacking is approved.

  
Chairman, Board of Studies

Dr.R.S.Somasundaram, Professor & Head

Department of Computer Applications