

Action Taken Report for the Academic Year 2021-22

Department of Information Technology

i) Students and Alumni provided feedback on the previous year M.Sc.(Information Technology) syllabus.

- Instead of two lab papers per semester three labs were introduced.
- The following modifications are adopted :

A. New Course incorporated

Core - Theory

- Advanced Web Technology
- Internet of Things
- Advanced Data Base Management Systems

Core - Lab

- Design and Analysis of Algorithm Lab
- Advanced Web Technology Lab
- Computer Graphics and Multimedia Lab
- Cryptography and Network Security Lab
- Internet of Things Lab
- Advanced Data Base Management Systems

Elective

- Artificial Intelligence and Machine Learning
- Advanced Computer Network
- Deep Learning
- Cloud Computing
- Block Chain Technology
- Robotics and Automation
- Introduction to Fintech
- Augmented Reality
- IoT and IIoT

Supportive

- Introduction to Artificial Intelligence & Machine Learning
- Introduction to IoT
- Artificial Intelligence and Machine Learning for Bioinformatics
- Python Programming
- Python Programming for Financial Applications
- Artificial Intelligence and Machine Learning for Business Applications

B. Following Modification were incorporated in the Existing Courses:

Core:

- Advanced Java Programming with 20% change.
- Graphics and Multimedia Systems with 30% change.
- Mobile Application development with 10% change.

Elective:

- Internet of Things and Industrial Internet of Things with 50% change.

C. Following Courses were removed :

Core :

- Relational Database Management System
- Relational Database Management System – Lab
- Web Programming
- C# and .Net Programming
- C# and .Net Programming – Lab
- Embedded Systems
- Software Testing
- Cloud Computing

Elective:

- E-Commerce
- Mobile Ad-Hoc Networks
- Internet of Things
- Cyber Security

Supportive

- Windows and Office Automation
- Basics of Internet
- Introduction to Information Technology

C. The following new course were introduced under Value Oriented and Job Oriented courses

- Certificate course on “Word Press”
- Certificate course on “Ethical Hacking Cyber Forensics”
- Certificate course on “Embedded systems and Wireless Sensor Networks for IoT”

ii) In view of the employer’s feedback, the students were given training on

- Angular JS
- Multimedia and Animation,
- Linux System Administration
- Android Programming
- IoT

iii) Based on the students request LMS platform was used to teach. A common platform for all was suggested to the University Authority.


 Dr. T. RAMESH, M.C.A., M.Phil., M.Tech (IT), Ph.D.,
 Associate Professor and Head
 Department of Information Technology
 Bharathiar University
 Coimbatore - 641 046.