# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015

## DEPARTMENT OF COMPUTER APPLICATIONS

Ref No.MCA/BOS/SV/2022                                          16/06/2022

**Minutes of M.C.A Board of Studies Meeting** held on 01.06.2022 at 2:30 PM on online mode for 2 Years MCA Degree – Regulations, Curriculum & Syllabus [for students admitted from 2022-2023 onwards.

**Following members were present in the meeting:**

**HODCA**

Dr.P.Chitra, Professor & Head, Dept.of Computer Applications, TCE.

**External Members:**

1. Dr.A. Sankar, Professor, Computer Applications, PSG Tech, Coimbatore(Anna University Nominee)
2. Dr. P.J.A Alphonse, Head of the Department, Computer Applications, National Institute of Technology, Trichy
3. Mr.EsakkiRaj , Senior Software Engineer, Confluent, Bangalore.

**Internal Members:**

1. Dr.S.Vijayalakshmi. Professor., Department of Computer Applications, TCE.
2. Mrs.P.Sharmila. Asst. Professor., Department of Computer Applications, TCE.
3. Dr.C.Senthil Kumar. Asst.Professor., Department of Mathematics, TCE
4. Dr.G.Jeya Jeevakani, Asst.Professor., Department of English, TCE

The following are the resolutions to be adopted during the forth-coming Academic Council meeting:

1. Regulations, Revised MCA Curriculum [I to IV Semester] (For the students to be admitted from 2022-2023 onwards)

2. Detailed Syllabus for [I to IV Semester] MCA Degree Programme of the above Curriculum.

# OBSERVATION / SUGGESTION GIVEN BY THE BOS MEMBERS:

## General Observation:

- Scheduling of courses is satisfactory
- E-commerce course removed from the syllabus
- Template shall be made uniform across all courses in terms of text books/reference books and web resources.

## Course Obseration:

| Sl. No | Course code – course name | List of Comments |
|---|---|---|
| 2. | 22CA170 and 22CA180 (Practical Courses) | • These two practical courses where suggested to be offered in the 1st semester for the newly admitted students for 2 Years MCA |
| 3. | 22CA220 | • OOPs was initially offered in 1st semester and now it is suggested to be offered in 2nd semester |
| 4. | 22CA280 (Practical Courses) | • Third semester introduce 22CA280 new lab like Web Technology Lab. <br> • To Introduce employability oriented lab course -Web technology lab |
| 5. | One/two credit courses | • Suggestion for introducing industry supported course. |
| 6. | 22CA310 | • Topics on Applied Statistics could be added to 22CA310 and mathematical foundation of computer science lab course also added like theory com practical. |

S. Vijayal

**Program Coordinator /**
**TLP Coordinator**

P. dl

**HODCA**

The curriculum and the detailed syllabus for the following courses are passed in the BOS meeting held on 01.06.2022 at 2:30 PM on online mode for 2 Years MCA Degree – Regulations, Curriculum & Syllabus [for students admitted from 2022-2023 onwards.

**First Semester**

| Coursecode | Name of the Course |
|---|---|
| 22CA110 | Mathematical Foundations of Computer Science |
| 22CA120 | Data Structures and Applications |
| 22CA130 | Database Management Systems |
| 22CA140 | Software Engineering |
| 22CA150 | Problem Solving using Computers |
| 22CA170 | RDBMS Lab |
| 22CA180 | Data Structure using C Lab |
| 22CA190 | Professional Communication |

**Second Semester**

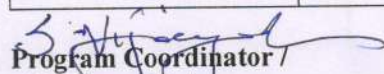| Course Code | Course Name |
|---|---|
| 22CA210 | Design and Analysis of Algorithms |
| 2CA220 | Object Oriented Programming |
| 22CA230 | Operating Systems |
| 22CA240 | Web Technology |
| 22CAXX1 | Elective - I |
| 22CA270 | Object Oriented Programming Lab |
| 2CA280 | Web Technology Lab |
| 22CA290 | Software Engineering Lab |

**Third Semester**

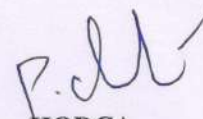| Coursecode | Name of the Course |
|---|---|
| 22CA310 | Computational Statistics |
| 22CA320 | Computer Networks |
| 22CAXX2 | Elective – II |
| 22CAXX3 | Elective – III |
| 22CAXX4 | Elective – IV |
| 22CA370 | Mobile Application Development Lab |
| 22CA380 | Computational Statistics Lab |
| 22CA390 | Mini Project |

**Fourth Semester**

| Coursecode | Name of the Course |
|---|---|
| 22CA410 | Project |

**List of elective courses offered**

| Coursecode | Name of the Course |
|---|---|
| 22CAPA0 | Big Data Analytics |
| 22CAPB0 | Social Networking and Webmining |
| 22CAPC0 | Machine Learning |
| 22CAPD0 | Cloud Computing |
| 22CAPE0 | Internet of Things |
| 22CAPF0 | Information Security |

Program Coordinator /
TLP Coordinator

HODCA