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Department of Master of Computer Application

Eleventh Board Of Studies Meeting

Department of MCA

Francis Xavier Engineering College, Vannarpettai,

Tirunelveli - 627 003

(An Autonomous Institution - Affiliated to Anna University, Chennai)

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11th Board of Studies Meeting in the Department of MCA

AGENDA

BoS / MCA 11.1: Welcome address and Opening Remarks by Chairman of Computer Science

Department on behalf of Board of studies in the Department of MCA

BoS / MCA 11.2: Confirmation of the Minutes of the 10th meeting of Board of studies in the Department of MCA held on 12.12.2023 and Action taken report of 10th meeting of Board of studies

BoS / MCA 11.3: Business brought forward by the Chairman, Board of Studies

11.3.1 2024 MCA Curriculum and Syllabus R2024

11.3.2 NPTEL Courses

11.3.3 MCA R2024

BoS / MCA 11.4: Suggestions given by the BOS Members

BoS / MCA 11.5: Any other items for discussion



MINUTES OF THE MEETING

The 11th Meeting of the Board of studies of the MCA Department was held on 19.06.2024 @ 10.30 am through blended mode:

BOS Meeting - CSE Board (19-06-2024)

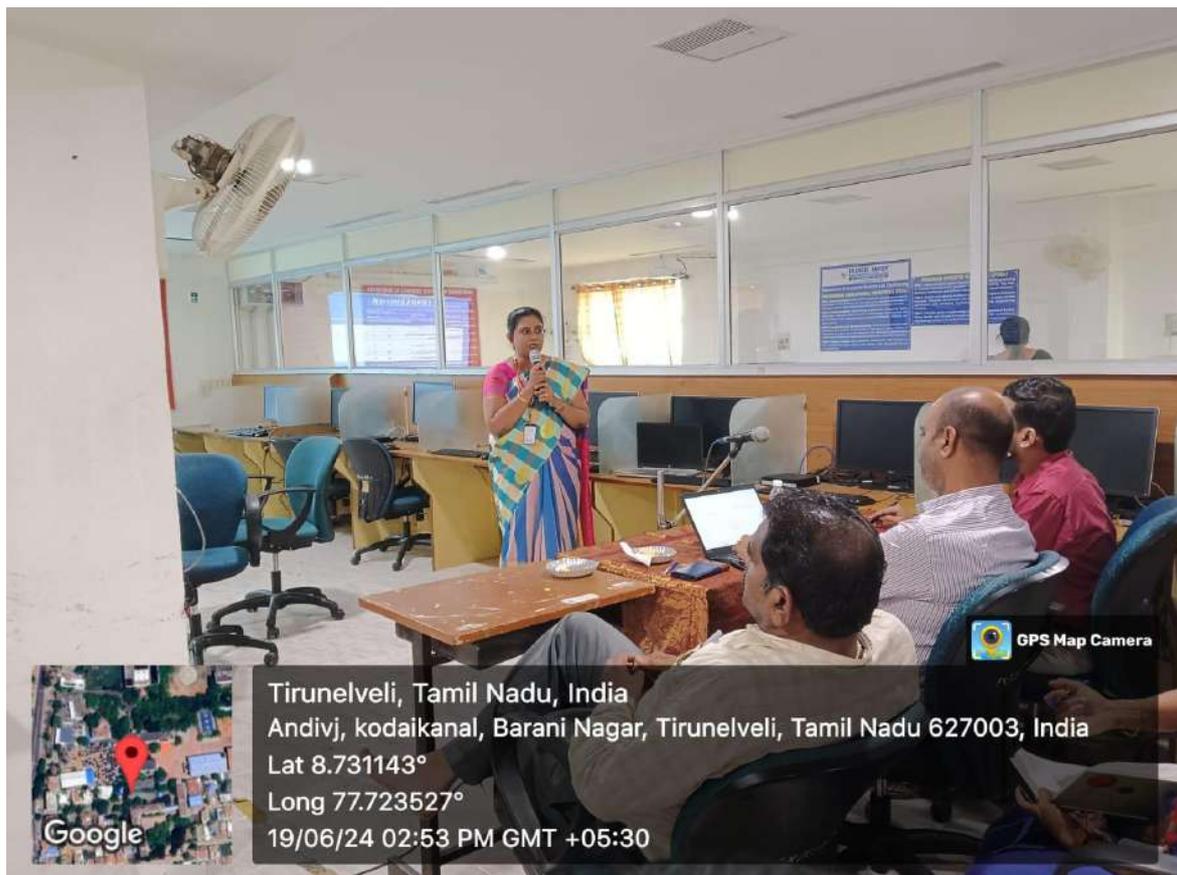
Wednesday, June 19 · 10:00am – 1:00pm

Time zone: Asia/Kolkata

Google Meet joining info

Video call link: <https://meet.google.com/bgk-ytya-yzu>

Or dial: (US) +1 225-424-7451 PIN: 699 375 431#





Department of Master of Computer Application

The following members were present:

1. Mr. G. Aravind Swaminathan, Prof & Head, CSE,BoS Chairman
2. Mrs. D. Angeline Ranjithamani, AP & Head MCA Department
3. Dr. C. Senthil Kumar, Asso. Prof/CSE,TCE,Anna University Nominee
4. Dr. E. Ilavarasan, Prof./CSE,PEC, Other University Nominee
5. Dr. D. Murugan, Prof./CSE, MS University, Other University Nominee
6. Mr.Prabagar Ramamurthy,Head,Information Security Management,Tata Consultancy Services, Industry Expert
7. Mr.Abishek Stephen,Senior Software Engineer,Turing,Palo Alto, California,USA,Alumni Expert
8. Mrs. G. Durgaveni, AP/MCA
9. Mrs. K. Dhamayanthi,AP/MCA
10. Mrs. M.K. Subbulakshmi,AP/MCA
11. Mrs. J. Anciline Jenifer,AP/MCA
12. Mrs. S. Irudhaya Ananthi,AP/MCA
13. Dr. M. Vijaya Maheswari,AP/MCA
14. Mrs. Annie Rose Nirmala, HOD/MBA
15. Mr. A. Santiago Stephen, AP/MATHS
16. Mrs. Shala F John, AP/ENGLISH

BoS / MCA 11.1: WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES OF COMPUTER SCIENCE DEPARTMENT ON BEHALF OF DEPARTMENT OF MCA

The Chairman, BOS of the MCA Department welcomed and introduced the members of 11th Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.

BoS / MCA 11.2: TO CONFIRM THE MINUTES OF NINTH BOS MEETING HELD ON 12.12.2023

The minutes of the Tenth Board of Studies meeting held on 12.12.2023 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 10th Academic Council.

(Annexure I: Action Taken Report)

BoS / MCA 11.3.1: TO CONFIRM AND APPROVE 2024 MCA Curriculum and Syllabus R2024



Department of Master of Computer Application

- ✓ RESOLVED TO APPROVE the syllabus for 2024 MCA Curriculum and Syllabus R2024 – I Semester, Credit distribution, CO – PO mapping, Course Outcomes, Weightage of syllabus

BoS / MCA 11.3.2: TO CONFIRM AND APPROVE NPTEL Courses

- ✓ RESOLVED TO APPROVE the syllabus Credit distribution, CO – PO mapping, Course Outcomes, Weightage of syllabus (Annexure – II)

BoS / MCA 11.3.3: TO CONFIRM AND APPROVE MCA R2024

- ✓ RESOLVED TO APPROVE MCA R2024 for Industrial Training/ Internship/ Credit Transfer, Industry Supported Courses, Online Course for Credit Transfer, Value added Courses, Project Work in Industry, Project Work, Outbound activities,

BoS / MCA 11.4 : Suggestions Given by the Members

- ✓ The course 24CA2101 – Programming with Java can be renamed as 24CA2101 –Java Programming
- ✓ The course 24CA2102 - Operating System using Linux can be renamed as 24CA2102 – Linux Operating System
- ✓ The course 24CA3217 – DevOps and Deployment can be renamed as 24CA3217 – DevOps
- ✓ In the Vertical Stream – Artificial Intelligence and Machine Learning, the courses 24CA3216 – AI Ethics and Policy and 24CA2204 – Artificial Intelligence and its Application can be swapped.
- ✓ In the course 24CA1101 – Data Structures and its application, the case study in the 5th unit can be revised

BoS / MCA 11.5: Any other items for discussion

The members had a brainstorming discussion, deliberation and interaction among themselves. After discussion, productive suggestions were incorporated appropriately in the 2024 MCA Curriculum and Syllabi.

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

1. Incorporation of NPTEL courses, Credit distribution, CO – PO mapping, Course Outcomes, Weightage of syllabus
2. Incorporation of New courses, Credit distribution, CO – PO mapping, Course Outcomes, Weightage of syllabus

Dr. Aravind Swaminathan, Board Chairman thanked all the members for their kind cooperation and the meeting came to an end.



Attendance Sheet

External Members:

S. No.	Name	Signature
1	Dr. C. Senthil Kumar, Asso. Prof./CSE Thiyagarajar College of Engineering, Anna University Nominee	
2	Dr. E. Ilavarasan, Prof./CSE, Pondicherry Engineering College Other University Nominee	
3	Dr. D. Murugan, Prof./CSE Manonmaniam Sundaranar University Other University Nominee	
4	Mr.Prabagar Ramamurthy Head,Information Security Management, Tata Consultancy Services, Industry Expert	
5	Mr.Abishek Stephen Senior Software Engineer, Turing,Palo Alto, California,USA Alumni Expert	



Internal Members Present:

S. No.	Name of the Internal Members	Signature
1	Dr. Aravind Swaminathan,HOD/CSE	
2	Mrs. D. Angeline Ranjithamani,AP & HOD/MCA	
3	Mr. A. Arul Amalraj, AP / MCA	
4	Mrs. G. Durgaveni, AP/MCA	
5	Mrs. K. Dhamayanthi,AP/MCA	
6	Mrs. M. K. Subbulakshmi,AP/MCA	
7	Mrs. J. Anciline Jenifer,AP/MCA	
8	Mrs. S. Irudhaya Ananthi,AP/MCA	
9	Mrs. Annie Rose Nirmala, HOD/MBA	
10	Mr. A. Santiago Stephen, AP/MATHS	
11	Mrs. Shala F John, AP/ENGLISH	

CHAIRMAN
BOARD OF STUDIES



Annexure 1

Tenth Board of Studies Meeting Action Taken Report

The suggestions incorporated in the Curriculum and Syllabus of MCA Under R2021 are as follows

S.No	Recommendations from Expert Members	Amendments incorporated and approved by CDC meeting dated on 13.02.2024
1	Confirm and approve the Inclusion of Vertical Full Stack Development .Page No 6	Updated :Page No 6 ,10 & 11 Added in Track
2	Vertical name for Advanced Networking can be re-fined as Advanced Networking and Data Science can be refined as Artificial Intelligence and Data Science.Page No 6 ,10 & 11	Updated :Page No 6 ,10 & 11 Changed in Track and Domain
3	21CA3202: Block Chain and its applications and 21CA3213: Cyber Laws and IT Acts dealt with security issues and 21CA3203: Cyber Security and Forensics can be moved to Advanced Networking. Page No. 10,11	Updated :Page No. 10,11 Changed in Domain
4	Introduction of DevOps can be included in the course 21CA2208: Principles of Programming Languages. Page No : 135	Updated : Page No : 135 Added in Unit 5
5	Fundamentals of Backend Engineering can be added instead of DevOps. Page No :174	Updated : Page No :174 Added in Syllabus



Annexure II

Newly Added NPTEL Courses

S.No	Course ID	Course Name	Duration
1	noc24-cs88	Artificial Intelligence : Search Methods For Problem solving	12 Weeks
2	noc24-cs121	Cyber Security and Privacy	12 Weeks
3	noc24-cs101	Introduction to Machine Learning	12 Weeks
4	noc24-cs102	Reinforcement Learning	12 Weeks
5	noc24-cs89	Deep Learning for Computer Vision	12 Weeks
6	noc24-cs117	Parameterized Algorithms	12 Weeks
7	noc24-cs103	Getting Started with Competitive Programming	12 Weeks
8	noc24-cs104	Applied Accelerated Artificial Intelligence	12 Weeks
9	noc24-cs90	Social Network Analysis	12 Weeks
10	noc24-cs118	Cloud Computing	12 Weeks
11	noc24-cs119	Software Engineering	12 Weeks
12	noc24-cs91	Software Testing	12 Weeks
13	noc24-cs120	Social Networks	12 Weeks
14	noc24-cs106	Computational Complexity	12 Weeks
15	noc24-cs114	Deep Learning - IIT Ropar	12 Weeks
16	noc24-cs121	Cyber Security and Privacy	12 Weeks
17	noc24-cs93	Multi-Core Computer Architecture	12 Weeks
18	noc24-cs122	C-Based VLSI Design	12 Weeks
19	noc24-cs107	Statistical Learning for Reliability Analysis	12 Weeks
20	noc24-cs94	Ethical Hacking	12 Weeks
21	noc24-cs124	Computer Vision	12 Weeks
22	noc24-cs96	Data Structure and Algorithms using Java	12 Weeks
23	noc24-cs116	Introduction To Algorithms and Analysis	12 Weeks
24	noc24-cs109	Algorithmic Game Theory	12 Weeks
25	noc24-cs126	Design & Implementation of Human-Computer Interfaces	12 Weeks
26	noc24-cs132	Responsible & Safe AI Systems	12 Weeks