



**SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**(Autonomous)**

**Approved by AICTE, Affiliated to Anna University,  
Accredited by NAAC, NBA (ECE/CSE/MECH) and ISO 9001:2015 Certified  
Pullipalayam, Sankari, Salem (Dt.)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**SECOND BOARD OF STUDIES**  
**MINUTES OF MEETING**

Meeting No. : SSCET / CSE / 02  
Date : 26.06.2024  
Time : 10.00 am  
Venue : E - BLOCK, Board Room

The Second Board of Studies Meeting of the Department of Computer Science and Engineering has been convened for deliberating the curriculum and syllabi of the second year courses in B.E Computer Science and Engineering programme and M.E. Computer Science and Engineering programme and passing the same to the Academic Council.

The Chairperson welcomed the members and presented the curriculum and syllabi of the second year courses in B.E. Computer Science and Engineering Programme and M.E. Computer Science and Engineering Programme under Regulation 2023 for the students admitted from the academic year 2023-24 onwards. The members had thorough discussion and resolved to pass the curriculum and syllabi to the Academic Council.

The Agenda of the Board of Studies meeting is as follows,

1. To discuss the action taken for the points discussed in the first Board of Studies meeting.
2. To discuss and pass the syllabi of the second year courses of B.E. Computer Science and Engineering for the students admitted from the academic year 2023-24 onwards.
3. To discuss and pass the syllabi of the second year courses of M.E. Computer Science and Engineering for the students admitted from the academic year 2023-24 onwards.
4. Any other matters.

The following are the recommendations for the points discussed as per the agenda,

1. To discuss the action taken for the points discussed in the first Board of Studies meeting.
  - 1.1. Comment Given – To maintain unique list of professional electives

Ratification – Some professional electives comes under more than one verticals, unique list of professional electives cannot be maintained.

The above ratification is considered.
2. To discuss and pass the syllabi of the second year courses of B.E. Computer Science and Engineering for the students admitted from the academic year 2023-24 onwards.
  - 2.1. Suggested to include topics related to protocols (ARP, RARP) in 23CS403 - Computer Networks.
  - 2.2. Suggested to change the heading of unit 4 from File System Design and Improvements to File System Design and Storage and also to rework the syllabi of 23CS404 - Operating Systems.
  - 2.3. Suggested to swap the unit 4 and unit 5 for 23CS405 - Design and Analysis of Algorithms.
  - 2.4. Suggested to include topics related to optimization and limit the total number of hours to 60 for 23CS405 - Design and Analysis of Algorithms (Theory with Lab Component).
  - 2.5. Suggested to remove unit 5 and unit 3 can be elaborated with more topics for 23CS406 - Object Oriented Programming.
  - 2.6. Suggested to remove the concept Hadoop from unit 5 in 23CS408 - Cloud Computing as it deals with Big Data Analytics.
3. To discuss and pass the syllabi of the second year courses of M.E. Computer Science and Engineering for the students admitted from the academic year 2023-24 onwards.
  - 3.1. Suggested to rework the syllabi of the professional elective course 23PCS411- Video Analytics. Also suggested to add the streaming data concepts by referring the book written by Bing Liu, for the above course.
  - 3.2. Suggested to include the related content in the unit 5, and to make unit 3 as unit 5 and unit 4 as unit 3 for the professional elective course 23PCS412 - Data Exploration and Visualization.
  - 3.3. Suggested to rename the heading of unit 2 as Evidence Collection and Report Generation and rework unit 4 and 5 as related for the professional elective course 23PCS413 - Cyber Forensics
  - 3.4. Suggested to include the latest reprints of the text and reference books for all the courses.

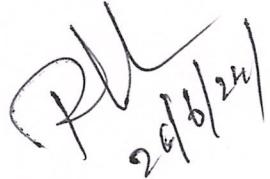
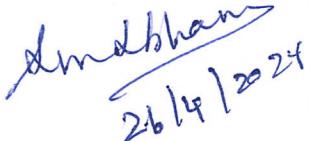
- 3.5. Suggested to make unit 5 as unit 2 and rework unit 2 as related for the professional elective course 23PCS417 - High Performance Computing.
- 3.6. Suggested to include the topic Hidden Markovian Model (HMM) in unit 1 for the professional elective course 23PCS421 - Queuing and Reliability Modelling.
- 3.7. Suggested to rename the heading of unit 1 as Basics and rename unit 4 as Quantum Algorithms for the professional elective course 23PCS423 - Quantum Computing.
- 3.8. Suggested to rework the entire syllabi related to computing for the professional elective course 23PCS425 - Optimization Algorithms.



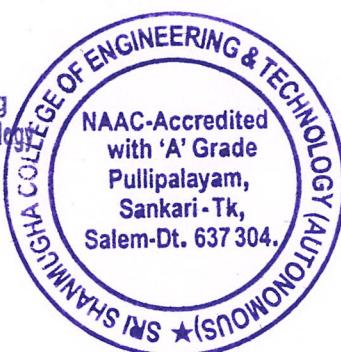
Chairman – Board of Studies

**Head of the Department**  
Computer Science and Engineering  
Sri Shanmuga College of Engineering and Technology  
Pullipalayam, Morur (PO) - 637 304,  
Sankari (Tk), Salem (Dt), Tamil Nadu.

The following members were present during the meeting

S.No.	Category	Name, Designation and Address	Signature
1	Chairman	<b>Dr. P.Nandhini</b> Associate Professor & Head, Department of Computer Science and Engineering, Sri Shanmuga College of Engineering and Technology, Sankari, Salem -637304.	 26/6/24
2	University Nominee	<b>Dr.S. Selvi</b> Associate Professor, Department of Computer Science and Engineering, Government College of Engineering, Bargur, Krishnagiri-635 104.	 26/6/24
3	Subject Expert 1	<b>Dr. S. Mary Saira Bhanu</b> Professor, Department of Computer Science and Engineering, National Institute of Technology, Tiruchirapalli -620 015	 26/6/24
4	Subject Expert 2	<b>Dr. R. Lokesh Kumar</b> Associate Professor, School of Computer Science and Engineering, VIT, Vellore.	 26/6/24
5	Industry Expert	<b>Mr. V. Vijayakumar</b> Founder & CEO Friendloan Technology Pvt Ltd., Chennai.	online mode
6	Alumnus	<b>Ms.Harshini Boopathi</b> Lead Developer, AAKAM 360, Sankari, Salem.	 B. Harshini

  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACTION TAKEN REPORT FOR

SECOND BOARD OF STUDIES MEETING

The following are the Action taken for the recommendations made in Second Board of Studies meeting held on 26.06.2024

THE ACTION TAKEN FOR THE POINTS DISCUSSED IN THE FIRST BOARD OF STUDIES MEETING.

RECOMMENDATION	RESOLUTION
B.CSE.1.1 Experts suggested to maintain unique list of professional electives.  Ratification – Some professional electives comes under more than one verticals, unique list of professional electives cannot be maintained.	B.CSE.R 1.1 The above ratification is considered.

B.E COMPUTER SCIENCE AND ENGINEERING SYLLABI

RECOMMENDATION	RESOLUTION
B.CSE.2.1 Suggested to specify protocols (ARP, RARP) in 23CS403 - Computer Networks.	B.CSE.R 2.1 As suggested the Protocols (ARP, RARP) is specified in 23CS403 - Computer Networks
B.CSE.2.2 Suggested to change the following in the syllabi of 23CS404 - Operating Systems.  B.CSE 2.2.1 Heading of unit 4 from "File System Design and Improvements" to "File System Design and Storage"  B.CSE 2.2.2 also to rework the content flow	B.CSE.R 2.2 As Suggested to change the following in the syllabi of 23CS404 – Operating Systems.  B.CSE.R 2.2.1 As Suggested heading of unit 4 is modified from "File System Design and Improvements" to "File System Design and Storage"  B.CSE.R 2.2.2 As Suggested the content flow was reworked .
B.CSE.2.3 Suggested to swap the unit 4 and unit 5 for 23CS405 - Design and Analysis of Algorithms.	B.CSE.R 2.3 As suggested unit 4 and 5 was Swapped for 23CS405 - Design and Analysis of Algorithms
B.CSE.2.4 Suggested to include topics related to optimization and limit the total number of hours to 60 for 23CS405 - Design and Analysis of Algorithms (Theory with Lab Component)	B.CSE.R 2.4 As suggested Included the topics optimization and limited hours to 60.
B.CSE.2.5 Suggested to remove unit 5, and unit 3 can be elaborated with more topics for 23CS406 - Object Oriented Programming..	B.CSE.R 2.5 As suggested unit 5 is removed and unit 3 is spited into unit 3 and unit 5 with more topics.

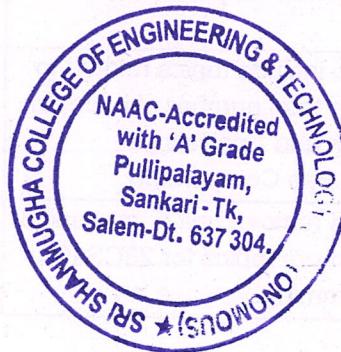
B.CSE.2.6.Suggested to remove the concept Hadoop from unit 5 in 23CS408 - Cloud Computing as it deals with Big Data Analytics.	B.CSE.R 2.6. As suggested Removed the concept Hadoop from unit 5 in 23CS408 - Cloud Computing
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### M.E COMPUTER SCIENCE AND ENGINEERING SYLLABI

RECOMMENDATION	RESOLUTION
<b>M.CSE.3.1.</b> Suggested to rework the syllabi of the professional elective course 23PCS411- Video Analytics. Also suggested to add the streaming data concepts by referring the book written by Bing Liu, for the above course.	<b>M.CSE.R.3.1.</b> As Suggested the syllabi of the professional elective course 23PCS411- Video Analytic was reworked and streaming data concepts was added in unit 5.
<b>M.CSE.3.2.</b> Suggested to include the related content in the unit 4, and to make unit 3 as unit 5 and unit 4 as unit 3 for the professional elective course 23PCS412 - Data Exploration and Visualization.	<b>M.CSE.R 3.2.</b> As Suggested have included the related content in the unit 4, and unit 3 is changed as unit 5 and unit 4 as unit 3 for the professional elective course 23PCS412 - Data Exploration and Visualization.
<b>M.CSE.3.3.</b> Suggested to rename the heading of unit 2 as Evidence Collection and Report Generation and rework unit 4 and 5 as related for the professional elective course 23PCS413 - Cyber Forensics	<b>M.CSE.R.3.3.</b> As suggested renamed the heading of unit 2 as Evidence Collection and Report Generation and reworked unit 4 and 5 as related for the professional elective course 23PCS413 - Cyber Forensics
<b>M.CSE.3.4.</b> Suggested to include the latest reprints of the text and reference books for all the courses.	<b>M.CSE.R.3.4.</b> As Suggested the latest reprints of the text and reference books for all the courses are included .
<b>M.CSE.3.5.</b> Suggested to make unit 5 as unit 2 and rework unit 2 as related for the professional elective course 23PCS417 - High Performance Computing and make it as unit 5.	<b>M.CSE.R.3.5.</b> As suggested unit 5 is made as unit 2 and reworkd unit 2 as related for the professional elective course 23PCS417 - High Performance Computing and make it as unit 5.
<b>M.CSE.3.6.</b> Suggested to include the topic Hidden Markovian Model (HMM) in unit 1 for the professional elective course 23PCS421 - Queuing and Reliability Modelling.	<b>M.CSE.R.3.6.</b> As suggested included the topic Hidden Markovian Model (HMM) in unit 1 for the professional elective course 23PCS421 - Queuing and Reliability Modelling
<b>M.CSE.3.7.</b> Suggested to rename the heading of unit 1 as "Basics" and rename unit 4 as "Quantum Algorithms" for the professional elective course 23PCS423 - Quantum Computing.	<b>M.CSE.R.3.7.</b> As suggested renamed the heading of unit 1 as "Basics" and rename unit 4 as "Quantum Algorithms" for the professional elective course 23PCS423 - Quantum Computing.
<b>M.CSE.3.8.</b> Suggested to rework the entire syllabi related to computing for the professional elective course 23PCS425 - Optimization Algorithms.	<b>M.CSE.R.3.8.</b> As suggested reworked the entire syllabi related to computing for the professional elective course 23PCS425 - Optimization Algorithms.

Chairman - Board of Studies

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