ERODE SENGUNTHAR
ENGINEERING COLLEGE
(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,
Accredited by National Board of Accreditation (NBA), New Delhi &
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade

PERUNDURAI -638 057, TAMILNADU, INDIA.

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Department of COMPUTER SCIENCE AND DESIGN

5th BOARD OF STUDIES MEETING

15th July 2024 @ 12.00 pm

Venue : Conference Hall, CSE and Administrative Block

ERODE SENGUNTHAR ENGINEERING COLLEGE AUTONOMOUS ERODE 638 057

Dr. V.VENKATACHALAM, M.S.,M.Tech.,Ph.D.,
PRINCIPAL
Erode Sengunthar Engineering College,
(Autonomous)
Thudupathi, Perundurai, Erode -638 057.

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DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

5th Board of Studies Meeting

Mode:Offline

Date & Time: **15.07.2024 at 12.00 p.m.**
Venue:
Conference Hall, CSE and Administrative Block

AGENDA

The **5th Board of Studies Meeting** is convened to get the approval for the **changes in the R23 B.E. CSD Curriculum and Syllabus** for the students admitted in the academic year 2024-2025 onwards, and **5th and 6th Semester Syllabus of R23 B.E. CSD Curriculum** for the students admitted in the academic year 2023-2024.

BoS / CSD 5.1	:	**Welcome address** and Opening Remarks by Chairman, Board of studies in the department of Computer Science and Design.
BoS / CSD 5.2	:	Confirmation of **Minutes of 4th Board of Studies meeting and action taken report.**
BoS / CSD 5.3	:	To consider and approve the **changes in the R23 B.E.CSD Curriculum and Syllabi** for the students admitted in the academic year 2024-2025 and **5th and 6th Semester Syllabus of R23 B.E. CSD Curriculum** for the students admitted in the academic year 2023-2024.
	:	Vote of Thanks

Chairman - BoS
Dept. of CSD - ESEC

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MINUTES OF THE MEETING

The 5th Board of Studies meeting of Department of Computer Science and Design was held on 15-07-2024 at 12.00 p.m. through offline in the College Premises

The following members were present:

1	**Dr. S.Tamil Selvan** Associate Professor & Head / CSD, Erode Sengunthar Engineering College	Chairman
2	**Dr. Rajeswari Sridhar** Professor, Department of Computer Science and Engineering, National Institute of Technology, Trichy	University Nominee
3	**Dr.Senthil Prabha** Associate Professor, Department of Information Technology PSG College of Technology, Coimbatore	Additional Member Nominated by University
4	**Dr. M.Senthilkumar** Associate Professor / CSE, School of Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Coimbatore.	Academic Experts Nominated by Academic Council – subject experts from outside the parent university.
5	**Mr. Satheesh Kanagasabapathy** CEO NxtNewton LLP, Coimbatore	
6	**Mr.K.Samraj** Associate Director, Exterro R&D, Coimbatore	Alumnus Nominated by the Principal
7	**All Faculty Members of CSD Department**	Internal Members

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Minutes of the Meeting

BoS / CSD 5.1	:	**Welcome address** and Opening Remarks by Chairman, Board of studies in the department of Computer Science and Design
		Discussion: **Dr.S.Tamil Selvan,** Chairman, BoS of Department Computer Science and Design welcomed the members of Board of Studies and thanked each of them for spending their valuable time to attend the meeting.
BoS / CSD 5.2	:	Confirmation of **Minutes of 4th Board of Studies meeting and action taken report**
		Discussion : The Chairman presented the Minutes of 4th Board of Studies Meeting which was held on 28.12.2023 through offline and action taken report of the same. The minutes of 4th BoS of Computer Science and Design are briefed and the minutes had been taken as confirmed. The action taken report of 4th Board of Studies Meeting was reviewed. The members appreciated the efforts taken by the Department to incorporate all the Suggestion and Recommendations by the Members during 4th BoS Meeting. **Resolution:** It is resolved to recommend the Minutes of 4th Board of Studies Meeting and action taken report of the same is submitted to the Academic Council for approval.
BoS / CSD 5.3.	:	To consider and approve the changes in the **R23 B.E. CSD Curriculum and Syllabus** for the students admitted in the academic year **2024-2025 onwards**, and **5th and 6th Semester Syllabus of R23** for the students admitted in the academic year 2023-2024.
		Discussion: The following Changes Suggested by the Chairman in the **R23 B.E. CSD Curriculum and Syllabus** for the students admitted in the academic year **2024-2025 onwards** • Subject name may be changed as Digital Systems and Design instead of Digital Electronics (3 Credits) in the 3rd semester

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		• Inclusion of Advanced Data Structures subject as a embedded course (Credits) courses in the 3rd Semester. • Existing Course Computer Architecture (3 Credits) in the 3rd Semester is to be removed. • Existing course Art and Motion Graphics Design (3 Credits) and Art and Motion Graphics Design Laboratory (2 Credits) in 4th semester are to be removed and Design Thinking (3 Credits) is to be included. • Professional Elective I Amazon Web Services (3 Credits) should be changed to Cloud Services (3 Credits). The following recommendations are given • **Dr. Rajeshwari Sridhar, University Nominee** recommended to move the topic Pointers to Advanced C and Linear Data Structure syllabus from Computational Thinking and Problem Solving Using C Syllabus • **Dr. Rajeshwari Sridhar, University Nominee** recommended to move the topic Functions to Computational Thinking and Problem Solving Using C Syllabus from Advanced C and Linear Data Structure Syllabus Finally the members approved changes suggested by the Chairman in the **R23 B.E. CSD Curriculum and Syllabus.** **Resolution :** It is resolved to recommend the Changes in R23 B.E. CSD Curriculum and Syllabus for the students admitted in the academic year 2024-2025 onwards to the Academic Council for Approval.
BoS / CSD 5.4	:	To consider and approve the **5th and 6th Semester Syllabus of R23** for the students admitted in the academic year 2023-2024
		Discussion: The members reviewed the syllabus and the following suggestions and recommendations given **Mr. Satheesh Kanagasabapathy** recommended for removing the course Multimedia Tools and Applications and Data Warehousing from the Professional Electives List.

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		Dr. Rajeshwari Sridhar and **Mr. Satheesh Kangasabapathy** suggested to change the Syllabus of Quantum Computing based on NPTEL Course. **Dr. M. Senthilkumar, Subject Expert** recommended to transfer Machine Learning subject from 5th Semester to 7th Semester. **Dr. Rajeshwari Sridhar** recommended to include UI/UX Design subject in the 6th Semester. Members recommended to change the topic How to Transfer Data in Unit III as Data Transfer in the Internet of Things Theory Syllabus. Members recommended to change the Unit V title Raspberry Pi to IoT Kits in the Internet of Things Theory Syllabus. Members recommended to add some Animation Tools and Hands on Training content in Multimedia and Animation Theory Syllabus. The following suggestions and commendations given for Operating System Syllabus • **Mr. Samraj K, Nominee-Alumni** recommended to include the topic Different types of hard disk which includes SSD in the Operating Systems Syllabus. • **Dr. M. Senthilkumar, Subject Expert** suggested to modify CO1 and CO2 Bloom Taxonomy action verbs of Operating System Syllabus • **Mr. Satheesh Kanagasabapathy** recommended to include mini project and case study in the Programming in C# (Embedded) course Syllabus **Mr. Satheesh Kanagasabapathy** recommended to change the course name of Web Design Development to Front End Development **Resolution :** It is resolved to recommend the Changes in **5th and 6th Semester Syllabus of R23** for the students admitted in the academic year 2023-2024 to the Academic Council for Approval.
	:	Vote of Thanks
		Ms.S.Sivaselvi, Assistant Professor /CSD Proposed Vote of Thanks

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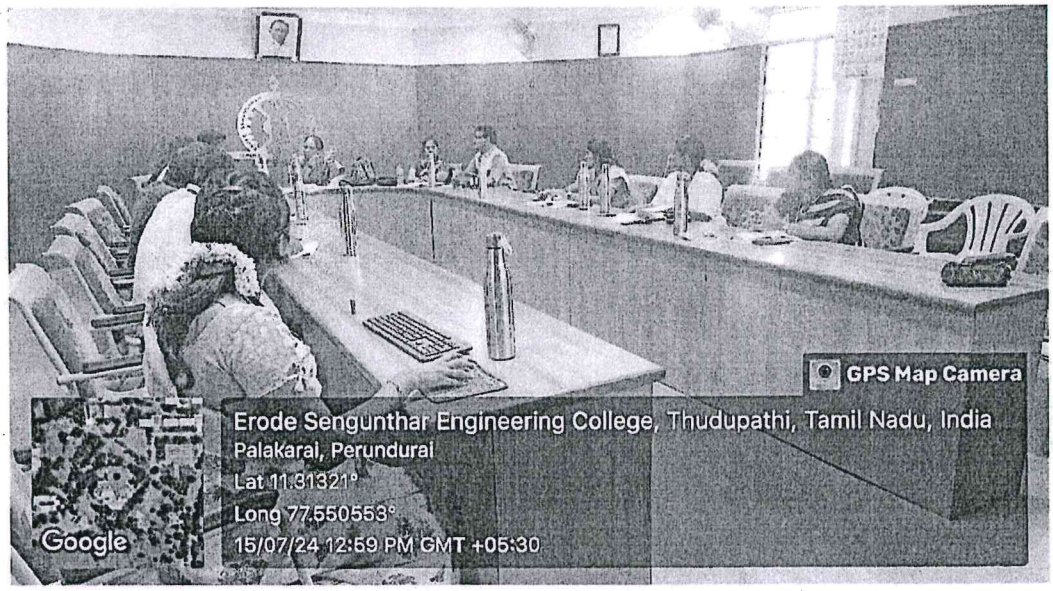

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DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

5th BOARD OF STUDIES MEETING

Date:15.07. 2024 @ 12.00 p.m.

Venue: Conference Hall

ATTENDANCE

Sl. No	Name & Designation	Category	Signature
1	**Dr.S.Tamil Selvan** Associate Professor & Head / CSD Erode Sengunthar Engineering College	Chairman	
2	**Dr.Rajeswari Sridhar** Professor, Department of Computer Science and Engineering, National Institute of Technology, Trichy	University Nominee	15/7/24
3	**Dr. Senthil Prabha** Associate Professor Department of Information Technology PSG College of Technology Coimbatore	Additional Member Nominated by University	15/7/24
4	**Dr.M. Senthilkumar** Associate Professor/ CSE, School of Computer Science and Engineering, AmritaVishwa Vithyapeetham, Coimbatore	Academic Experts Nominated by Academic Council – subject experts from outside the parent university	
5	**Dr.P.Prakash,** Associate Professor/ CSE, School of Computer Science and Engineering VIT University, Chennai.		ABSENT
6	**Mr. Satheeshkumar Kanakasabapathy** CEO, NxtNewton LLP Coimbatore		
7	**Mr.K. Samraj** Associate Director, Exterro R&D, Coimbatore	Alumnus nominated by the principal	

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ACTION TAKEN REPORT

(FOR 5th BOARD OF STUDIES MEETING)

B.E. COMPUTER SCIENCE AND DESIGN			
Sl. No.	**Name of the Expert**	**Recommendations**	**Action Taken**
1	Dr. Rajeshwari Sridhar Professor/CSE, NIT, Trichy Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore	Suggested to change the Subject name as Digital Systems and Design instead of Digital Electronics (3 Credits) in the 3rd semester	The subject name is changed as Digital Systems and Design in 3rd semester
		Suggested to change the Syllabus of Quantum Computing based on NPTEL Course.	Syllabus was prepared based on NPTEL course as per expert suggestion
2	Dr. Rajeshwari Sridhar Professor/CSE, NIT, Trichy	Recommended to include Advanced Data Structures subject as an embedded course (Credits) courses in the 3rd Semester	Included Advanced Data Structures as an embedded course with credits in the 3rd semester.
		Suggested to remove the existing Course Computer Architecture (3 Credits) in the 3rd Semester	As per Expert suggestion Computer Architecture is removed
		Suggested to change Professional Elective I Amazon Web Services (3 Credits) to Cloud Services (3 Credits).	The suggestion to change Professional Elective I: Amazon Web Services (3 Credits) to Cloud Services (3 Credits) has been updated in the curriculum.
		Recommended to move the topic pointers to Advanced C and Linear Data Structure Syllabus from Computational Thinking and Problem Solving Using C Syllabus	As per expert suggestion the topic pointers is moved to Advanced C and Linear Data Structure Syllabus
		Recommended to move the topic Functions to Computational Thinking and Problem Solving Using C Syllabus from Advanced C and Linear Data Structure Syllabus	As per expert suggestion, the changes are incorporated.

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		Recommended to include UI/UX Design subject in the 6th Semester.	Included the UI/UX Design subject as per expert suggestion
		Recommended to change the topic How to Transfer Data in Unit III as Data Transfer in the Internet of Things Theory Syllabus.	The recommendation to change the topic How to Transfer Data in Unit III to Data Transfer in the Internet of Things syllabus has been implemented.
		Recommended to change the Unit V title Raspberry Pi to IoT Kits in the Internet of Things Theory Syllabus.	The recommendation to change the Unit V title from "Raspberry Pi" to "IoT Kits" in the Internet of Things theory syllabus has been updated.
3	Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore	Recommended to exclude the existing course Art and Motion Graphics Design (3 Credits) and Art and Motion Graphics Design Laboratory (2 Credits) in 4th semester and suggested to include Design Thinking (3 Credits)	Design Thinking is included in 4th semester as per expert suggestion
		Recommended to remove the course Multimedia Tools and Applications and Data Warehousing from the Professional Electives List.	New subjects were added as per expert recommendation
		Recommended to include mini project and case study in the Programming in C# (Embedded) course Syllabus	Recommended suggestions are updated in the Programming in C# (Embedded) course Syllabus
		Recommended to change the course name of Web Design Development to Front End Development	The course name "Web Design Development" was changed to "Front End Development" as per the expert recommendation
		Recommended to add some Animation Tools and Hands on Training content in Multimedia and Animation Theory Syllabus.	The recommendation to add animation tools and hands-on training content to the "Multimedia and Animation" theory syllabus has been incorporated.
4	Dr. M. Senthilkumar ASP/CSE Amrita Vishwa Vidhyapeetham Coimbatore	Recommended to transfer Machine Learning subject from 5th Semester to 7th Semester.	As per expert recommendation, Machine Learning subject is transferred from 5th Semester to 7th Semester
		Suggested to modify CO1 and CO2 Bloom Taxonomy action verbs of Operating System Syllabus	CO1 and CO2 of Operating system syllabus is changed as per expert suggestion
5	Mr.K.Samraj Associate Director, Exterro R&D, Coimbatore	Recommended to include the topic Different types of hard disk which includes SSD in the Operating Systems Syllabus.	Expert suggestion is incorporated in the Operating System Syllabus.

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