



ERODE SENGUNTHAR ENGINEERING COLLEGE



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

PERUNDURAI, ERODE - 638 057



Department of Artificial Intelligence and Data Science

5th BOARD OF STUDIES MEETING

28, December, 2023 @ 12.30 pm

Venue : Smart Class Room

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

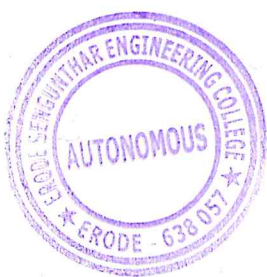
5th Board of Studies Meeting

Date & Time: 28.12.2023 at 12.30 p.m.


AGENDA

The **5th Board of Studies Meeting** is convened to get the approval for the **changes in the Regulations 2019 B.Tech. AI&DS Curriculum and Syllabi** for the students admitted in the academic year 2020-2021 onwards, **3rd and 4th Semester Syllabus of Regulations 2023 B.Tech. AI&DS and Regulations 2023 B.Tech. AI&ML Curriculum (1-8), 1st and 2nd semester syllabus.**

BoS / AI&DS 5.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Artificial Intelligence and Data Science.
BoS / AI&DS 5.2	:	Confirmation of the Minutes of 04 th Board of Studies Meeting and Action taken report of 04 th Board of Studies meeting.
BoS / AI&DS 5.3.	:	To consider and approve the changes in the Regulations 2019 B.Tech. AI&DS Curriculum and Syllabi for the students admitted in the academic year 2021-2022 onwards
BoS / AI&DS 5.4	:	Review of Curriculum and syllabus for the 3 rd and 4 th semesters for the B.Tech. AI&DS under Regulations 2023.
BoS / AI&DS 5.5.	:	To consider and approve Regulations 2023 B.Tech. AI&ML Curriculum (1 to 8 semester) and 1st, 2nd Semester Syllabus
	:	Vote of Thanks



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Chairman / BoS – AI&DS
Chairman - BoS
Dept. of AI & DS - ESEC

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

MINUTES OF THE MEETING

The 5th Board of Studies meeting of Department of Artificial Intelligence and Data Science was held on 28-12-2023 at 12.30 p.m. in the Department Premises

The following members were present:

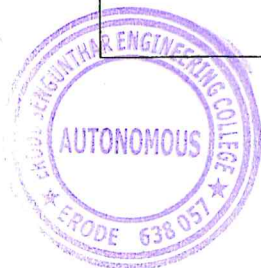
1	Dr. G.Saravanan Associate Professor & Head / AI&DS, Erode Sengunthar Engineering College	Chairman
2	Dr. Rajeswari Sridhar Associate Professor, Department of Computer Science and Engineering, National Institute of Technology, Trichy	University Nominee
3	Dr. M.Senthilkumar Associate Professor / CSE, School of Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Coimbatore.	Academic Experts – Outside Parent University
4	Dr. P.Prakash Associate Professor / CSE, School of Computer Science and Engineering, VIT University, Chennai.	
5	Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore	Industry Expert
6	Mr.K.Samraj Associate Director, Exterro R&D, Coimbatore	Meritorious Alumnus Nominated by the Principal
7	All Faculty Members of AI&DS Department	Internal Members



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Dept. of AI & DS - ESSE

Minutes of the Meeting

BoS / AI&DS 5.1	:	Welcome Address and Opening Remarks By Chairman, Board of Studies, Department Of Computer Science And Engineering
		Dr. G. Saravanan, Chairman, BoS of Department Artificial Intelligence and Data Science welcomed the members of Board of Studies and thanked each of them for spending their valuable time to attend the meeting.
BoS / AI&DS 5.2	:	Confirmation of Minutes of 4th Board of Studies meeting and action taken report
		The minutes of 4 th BoS of Artificial Intelligence and Data Science is briefed and the minutes had been taken as confirmed. The action taken report of 4 th 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 4 th BoS Meeting
BoS / AI&DS 5.3.	:	To consider and approve the changes in the Regulations 2019 B.Tech. AI&DS Curriculum and Syllabi for the students admitted in the academic year 2021-2022 onwards
		<p>The following Changes Suggested by the Chairman in the Regulations 2019 B.Tech. AI&DS Curriculum and Syllabi for the students admitted in the academic year 2021-2022 onwards</p> <ul style="list-style-type: none"> • Inclusion of Augmented Reality and Virtual Reality Theory (3 Credits) and Augmented Reality and Virtual Reality Laboratory (1.5 Credit) courses in the 6th Semester • Existing Courses Internet of Things and is Application in the 6th Semester subject to be removed. <p>The following recommendations are given</p> <ul style="list-style-type: none"> • Dr. Rajeshwari Sridhar recommended to add Use Cases in Embodied Reality in 5th unit. <p>Finally the members approved changes suggested by the Chairman in the Regulations 2019 B.Tech. AI&DS Curriculum</p>
BoS / AI&DS 5.4	:	To consider and approve the 3rd and 4th Semester Syllabus of Regulations 2023 B.Tech. AI&DS Curriculum
		The members reviewed the syllabus and the following suggestions and recommendations given



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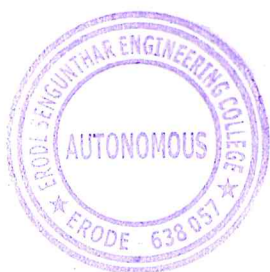
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		<p>Dr, Rajeshwari Sridhar, Dr.P.Prakash recommended to include the course Operating System instead of Object Oriented Programming in third semester.</p> <p>Dr. Rajeshwari Sridhar and Dr.P.Prakash suggested to include the Operating System Laboratory instead of Object Oriented Programming Laboratory in third Semester.</p> <p>Dr, Rajeshwari Sridhar recommended to add application of Artificial intelligence in fifth unit third semester artificial intelligence subject.</p> <p>Members recommended to merge 1st and 2nd unit of artificial intelligence subject Syllabus.</p> <ul style="list-style-type: none"> Recommended to add Practical Component (L:2, P:2) for the following Vertical courses <ul style="list-style-type: none"> UI and UX Design DevOps Software Testing and Automation Application Development with Java Scripts Server side Programming NoSQL Databases Mobile App Development Exploratory Data Analysis Recommender Systems Text and Speech Analysis Business Analytics Image and Video Analytics Neural Networks and Deep Learning Big Data Analytics Methods Computer Vision Augmented and Virtual Reality Visual Effects Multimedia and Animation Video Creation and Editing 3D Printing and Design Game Development Multimedia Data Compression and Storage UI and UX Development
BoS AI&DS 5.5.	:	To consider and approve the Regulations 2023 B.Tech AI&ML Curriculum, 1st and 2nd Semester Syllabus.





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 Chairman - BoS
 Dept of AI & DS - ESCE

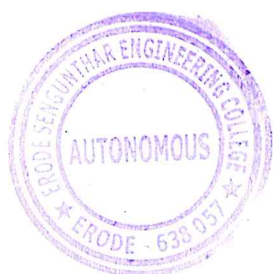
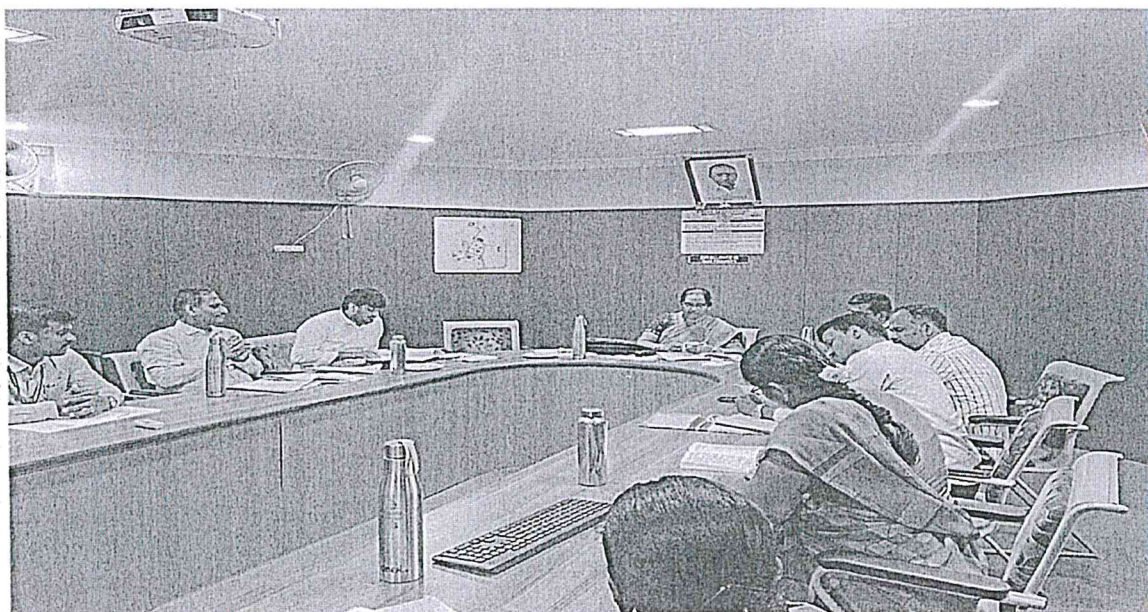
	<p>The members appreciated the syllabus content of 1st and 2nd semester syllabus and curriculum.</p> <p>Dr. Rajeshwari Sridhar suggested remove Fundamentals of Electrical and Electronics Engineering, add Data structure and algorithm in second semester.</p> <p>Dr. Rajeshwari Sridhar and all members suggested to include Operating system subject in third semester.</p> <p>Dr.M.Senthilkumar suggested to include advanced machine learning subjects in fourth semester.</p> <p>Dr.P.Prakash and all other members suggested to add Optimization Techniques and Information retrieval techniques subjects in our curriculum.</p> <p>Dr.Rajeswari Sridhar and all other members suggested to remove Data exploration and visualization and add Image and Video Analytics subject.</p>
	<p>Other recommendations</p> <p>Dr. M. Senthilkumar and Dr. P. Prakash Suggested to reduce the Syllabus Content for the identified courses</p> <p>Dr. Rajeshwari Sridhar recommended to include Indian Knowledge System by Professor Mahadevan for all the students</p>
BoS / AI&DS 5.6	: Vote of Thanks
	Mr.C.Senthilkumar, AP /AI&DS Proposed Vote of Thanks



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Chairman / BoS - AI&DS
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Snapshots of Meeting



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[Signature]

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ACTION TAKEN REPORT (FOR 5th BOARD OF STUDIES MEETING)

Sl. No.	BOS Members	Recommendations	Action Taken	Remarks
1	Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy	Suggested to include Operating system course in AI&ML curriculum	Added the Operating system subject in fourth semester	
2	Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy	Recommended to add new concept in Artificial intelligence syllabus in AI&ML curriculum	In third semester artificial intelligence syllabus updated	
4	Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy	Recommended to add practical component to vertical course	Added practical session to the vertical courses.	
6	Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy	Recommended to change the subject name as Information Security instead of Data Security in sixth semester.	Changed the subject name as Information Security instead of Data Security in sixth semester.	
7	Dr. M.Senthilkumar ASP/CSE Amrita Vishwa Vidhyapeetham	Suggested to include advanced machine learning subjects in fourth semester AI&ML courses.	Included the applied machine learning course in fourth semester.	



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8	Dr. P.Prakash ASP/CSE VIT, Chennai	Recommended Image and Video Analytics subject in curriculum AI&ML	Included image and video analytics course in curriculum.	
9	Mr. K.Samraj Associate Director Exterro R&D Coimbatore	Recommended to add recent text books for all subjects.	Added recent text books for all subjects in syllabus.	
10	Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore	Suggested to focus the practical course on Automation side which helps to gather idea about the automation tools in advance	Suggestion considered on focusing the practical course.	



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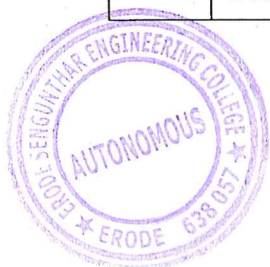
5th BOARD OF STUDIES MEETING

Date : 28.12.2023 @ 11.30 a.m.

Venue : CSE Smart Class Room

ATTENDANCE

Sl. No	Name & Designation	Category	Signature
1	Dr. V. Venkatachalam Professor & Principal	Internal Member	Wm
2	Dr. G.Saravanan Associate Professor & Head / AI&DS Erode Sengunthar Engineering College	Chairman	G. Saravanan
3	Dr. Rajeswari Sridhar Associate Professor, Department of Computer Science and Engineering, National Institute of Technology, Trichy	University Nominee	R. Sridhar 28/12/2023
4	Dr. M.Senthilkumar Associate Professor / CSE, School of Computer Science and Engineering, Amrita Vishwa Vithyapeetham, Coimbatore	Academic Experts Nominated by Academic Council – subject experts from outside the parent university	M. Senthilkumar
5	Dr. P.Prakash, Associate Professor / CSE, School of Computer Science and Engineering, VIT University, Chennai.		P. Prakash
6	Mr. Satheeshkumar Kanakasabapathy CEO, NxtNewton LLP Coimbatore	Representative from industry/ Corporate sector relating to placement	Satheeshkumar
7	Mr.Mujibur Rahman Senior Manager Softcrylic, Coimbatore		ABSENT
8	Mr.K.Samraj Associate Director, Exterro R&D, Coimbatore	Alumnus nominated by the principal	K. Samraj



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