



ERODE SENGUNTHAR ENGINEERING COLLEGE



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

PERUNDURAI, ERODE - 638 057



Department of Artificial Intelligence and Data Science

6th BOARD OF STUDIES MEETING

15th July, 2024 @ 2.00 pm

Venue : Smart Class Room



ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI - 638057

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



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

6th Board of Studies Meeting

Date & Time: 15.07.2024 at 2.00 p.m.

AGENDA

The **6th Board of Studies Meeting** is convened to get the approval for the **changes in the Regulation 19 B.Tech. AI&DS Curriculum and Syllabi** for the students admitted in the academic year 2020-2021 onwards, **Syllabus of R23 B.Tech. AI&DS for 2023-2024 admitted students and R23 B.Tech. AI&DS Curriculum for 2024-2025 admitted students.**

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| BoS / AI&DS 6.1 | : | Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Artificial Intelligence and Data Science. |
| BoS / AI&DS 6.2 | : | Confirmation of Minutes of 6th Board of Studies meeting and action taken report. |
| BoS / AI&DS 6.3. | : | To consider and approve the Syllabus of R19 B.Tech. AI&DS Curriculum |
| BoS / AI&DS 6.4 | : | To consider and approve the changes in the R23 B.Tech AI&DS Curriculum and Syllabi for the students admitted in the academic year 2023-2024 onwards |
| BoS / AI&DS 6.5. | : | To consider and approve the R23 B.Tech AI&DS Curriculum and Syllabus for students admitted in academic year 2024-2025 onwards |
| BoS / AI&DS 6.6. | : | Vote of Thanks |


Chairman / BoS – AI&DS

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
MINUTES OF THE MEETING

The 6th Board of Studies meeting of Department of Artificial Intelligence and Data Science was held on 15.07.2024 at 2.00 p.m. in the Department smart class room.

The following members were present:

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|---|---|---|
| 1 | Dr. G.Saravanan 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.Senthil Prabha Associate Professor Department of Information Technology PSG College of Technology, Coimbatore | University Nominee |
| 4 | Dr. M.Senthilkumar Associate Professor / CSE, School of Computer Science and Engineering,Amrita Vishwa Vidyapeetham, Coimbatore. | Academic Experts – Outside Parent University |
| 5 | Dr. P.Prakash Associate Professor / CSE, School of Computer Science and Engineering, VIT University, Chennai. | |
| 6 | Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore | Industry Expert |
| 7 | Mr.K.Samraj Associate Director, Exterro R&D, Coimbatore | Meritorious Alumnus Nominated by the Principal |
| | All Faculty Members of AI&DS Department | Internal Members |

Minutes of the Meeting

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| BoS / AI&DS 6.1 | : | Welcome Address and Opening Remarks By Chairman, Board of Studies, Department of Artificial Intelligence and Data Science |
| | | 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 6.2 | : | Confirmation of Minutes of 6th Board of Studies meeting and action taken report |
| | | The minutes of 5 th BoS of Artificial Intelligence and Data Science is briefed and the minutes had been taken as confirmed. The action taken report of 5 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 5 th BoS Meeting |
| BoS / AI&DS 6.3. | : | To consider and approve the Syllabus of R19 B.Tech. AI&DS Curriculum |
| | | <p>The following Changes Suggested by the Chairman in the R19 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"> • Dr.Rajeshwari Sridhar suggested to remove AR & VR subject and add IOT subject in 6th semester. |
| BoS / AI&DS 6.4 | : | To consider and approve the changes in the R23 B.Tech. AI&DS Curriculum and Syllabi for the students admitted in the academic year 2023-2024 onwards |
| | | <p>The members reviewed the syllabus and the following suggestions and recommendations given</p> <ul style="list-style-type: none"> • Dr.Rajeshwari Sridhar suggested to change Text book for Data exploration course, the Deep learning Laboratory experiments and title of the fifth unit cloud computing subject. • Dr.Rajeshwari Sridhar recommended to add more topics in deep learning concept and prefer Ian Good Fellow, Yoshua Bengio, Aaron Courville, Deep Learning, Text book. • Dr.Senthil Prabha Recommended to change title of the course in Big data Analytics and methods |

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| | | <ul style="list-style-type: none"> • Dr.Senthil Prabha and Dr.M.Senthilkumar suggested to include project based learning system in cloud computing course • Dr. Rajeshwari Sridhar and Dr.Senthil Prabha Recommended to add deep learning concept in computer vision and image processing course. |
| BoS AI&DS 6.5. | : | To consider and approve the R23 B.Tech AI&DS Curriculum, Syllabus for students 2024-2025 admitted |
| | | <p>The members appreciated the R23 curriculum and syllabus content.</p> <ul style="list-style-type: none"> • Dr.M.Senthil Kumar and Dr.Rajeswari sridhar recommended to change 2nd semester OOPS and Python programming subject name. • Mr.K.Samraj recommended to change the name of Digital Electronics and Computer Organization subject name in 3rd semester. • Mr.K.Satheesh recommended to move Data exploration and Visualization course from 6th semester to 5th semester • Mr.K.Satheesh and all other members Suggested to add Computer vision and image processing form 6th semester. |
| BoS / AI&DS 6.6 | : | Vote of Thanks |
| | | Mr.C.Senthilkumar, AP /AI&DS Proposed Vote of Thanks |


Chairman / BoS – AI&DS

Snapshots of Meeting



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ACTION TAKEN REPORT (FOR 6th BOARD OF STUDIES MEETING)

| Sl. No. | BOS Members | Recommendations | Action Taken |
|---------|---|--|--|
| 1 | Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy | Suggested to change Text book for Data exploration course. | Common book referred, Catherine Marsh, Jane Elliott, Exploring Data: An Introduction to Data Analysis for Social Scientists. |
| 2 | Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy | Recommended to add more topics in deep learning concept and prefer Ian Good Fellow, Yoshua Bengio, Aaron Courville, Deep Learning, Text book | Syllabus has been reframed and follow the suggested text book. |
| 3 | Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy | Suggested to update the Deep learning Laboratory experiments | Included the suggested experiments in the syllabus |
| 4 | Dr.Senthil Prabha ASP/IT PSG College of Technology, Coimbatore | Recommended to change title of the course in Big data Analytics and methods. | Changed the title as Big Data Analytics. |
| 5 | Dr.Rajeswari Sridhar ASP/CSE NIT, Trichy | Recommended to change the cloud computing fifth unit title. | Fifth unit Title changed as Cloud Technologies and Advancements and reframed the fifth unit contents. |

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| 6 | Dr.Senthil Prabha ASP/IT PSG college of Technology | Suggested to include project based learning system in cloud computing course. | Based upon the student's innovative assignments (Projects) internal marks will be assigned for the particular subject. |
| 7 | Dr. Senthil Prabha ASP/IT PSG college of Technology | Recommended to add deep learning concept in computer vision and image processing course. | Deep Learning content included, changed the fifth unit content. |
| 8 | Dr. M.Senthilkumar ASP/CSE Amrita Vishwa Vidhyapeetham | Recommended to change 2 rd semester OOPS and Python programming subject name. | Changed the subject name as Object Oriented Programming using Python |
| 9 | Mr. K.Samraj Associate Director Exterro R&D Coimbatore | Recommended to change the name of Digital Electronics and Computer Organization subject name in 3 rd semester. | Changed the name as Digital Computer Organization and Architecture. |
| 10 | Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore | Recommended to move Data Exploration and Visualization course to 5 th semester . | Moved subject Data Exploration and Visualization from 6 th semester to 5 th semester. |
| 11 | Mr. Satheesh Kanagasabapathy CEO NxtNewton LLP, Coimbatore | Suggested to include Computer vision and image processing subjects in 6 th semester. | Computer vision and image processing subject included in 6 th semester. |


 Chairman / BoS - AI&DS



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



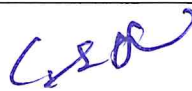
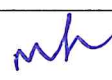

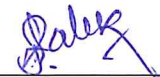
6th BOARD OF STUDIES MEETING

Date: 15.07.2024 @ 12.30 p.m.

Venue: Conference Hall

ATTENDANCE

| Sl. No | Name & Designation | Category | Signature |
|--------|---|--|-----------|
| 1 | Dr.G. Saravanan 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. 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 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. | | AB |
| 6 | Mr. Satheeshkumar Kanakasabapathy CEO, NxtNewton LLP Coimbatore | Representative from industry/ Corporate sector relating to placement | |
| 7 | Mr.K. Samraj Associate Director, ExterroR&D, Coimbatore | Alumnus nominated by the principal | |

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| 8 | Mr.C.Senthilkumar Assistant Professor | Internal Member |  |
| 9 | Mr.M.Senthilkumar Assistant Professor | |  |
| 10 | Mr. D. Pavunkumar Assistant Professor | |  |
| 11 | Mr. P.Kalidas Assistant Professor | |  |