




AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.
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DEPARTMENT OF INFORMATION TECHNOLOGY

NAME & INITIALS	S.SATISH	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	B.E (ECE), M.E (WC)	
EXPERIENCE	9 years	
DATE OF JOINING	01.07.2024	
EMAIL ID	satish.s@aalimec.ac.in	
AREA OF SPECIALISATION	Machine Learning, Image Processing, Deep Learning	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
Ph. D.	Image Processing using Deep Learning	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	Veltech University	Purusing
M.Tech.	Wireless Communication	Pondicherry Engineering College	Pondicherry University	2012
B.Tech.	Electronics and Communication Engineering	Sri Manakula Vinayagar Engineering College	Pondicherry University	2010

FDP ATTENDED

1. FDP on **Recent Advancements in Deep Learning for Computer Vision Applications** organized by Department of Electronics and Communication Engineering, CVR College of Engineering, Ibrahimpatnam, Telangana during 01.04.2024 to 12.04.2024
2. FDP on **Intelligent Techniques for Integration of Renewable Energy, Electric Vehicle and Energy Storage Systems** organized by Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore during 05.02.2024 to 09.02.2024
3. FDP on **Emerging Technologies in Computer Science** organized by Department of CSE, Easwari Engineering College, Chennai during 22.01.2024 to 27.01.2024
4. FDP on **Deep Learning & AI based Healthcare Systems** organized by Department of ECE, Coimbatore Institute of Technology, Coimbatore during 18.12.2023 to 24.12.2023
5. FDP on **Art of Writing Quality Research Papers** Organized by JAIN (Deemed to be University), Faculty of Management Studies, CMS Business School during 27.11.2023 to 02.12.2023
6. Course on **Cyber Hygiene Practices** organized by Ministry of Electronics and Information Technology, Government of India during 02.10.2023 to 07.10.2023
7. Workshop on **Medical Image Analysis using Artificial Intelligence** organized by Centre for Medical Imaging Studies (CMIS) under the Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam, and Sankar Foundation Eye Hospital and Institute, Visakhapatnam during 24.04.2023 to 28.04.2023.
8. Workshop on **Research Paper Writing and Publishing Skills for SCOPUS and SCI Journals** organized by Nuhianwali Education Society, Haryana during 10.04.2023 to 14.04.2023
9. Workshop on **Machine Learning Models on Image, Speech, Video and Text Processing** organized by Department of Electronics and Communication Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai held on 25.03.2023
10. Short Term Course on **Role of Deep Learning in Interdisciplinary Research** organized by Department of Computer Science and Engineering, National Institute of Technology, Warangal during 06.03.2023 to 10.03.2023
11. Workshop on **Computational Intelligence – Algorithms and Implementation** organized by IEEE Professional Communication Society Madras Chapter & IEEE Computer Society at Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai during 26.12.2022 to 31.12.2022
12. Workshop on **How to Improve the quality of Research** organized by IEEE Professional Communication Society Madras Chapter & IEEE Computer Society at Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai during 23.12.2022 and 24.12.2022

13. FDP on Recent Trends on Healthcare Applications using Machine Learning organized by Department of Information Technology, Kings College of Engineering, Chennai during 13.06.2022 to 18.06.2022
14. National level Short Term Course on Artificial Intelligence and Machine Learning Applications organized by Department of Computer Science and Engineering, National Institute of Technology, Warangal during 28.03.2022 to 01.04.2022
15. Workshop on Creating Strategies to Acquire Research Skills organized by IEEE Professional Communication Society Madras Chapter & IEEE Computer Society at Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai during 20.02.2022 to 22.02.2022
16. Workshop on Research Related Solutions for Faculty and Research Scholars organized by Department of Electronics Engineering, Rajiv Gandhi Institute of Petroleum Technology in collaboration with IEEE UP Section during 31.01.2022 to 04.02.2022
17. FDP on Artificial Intelligence in Healthcare organized by AICTE Training and Learning (ATAL) Academy at Gauhati University Institute of Science and Technology during 27.09.2021 to 01.10.2021
18. FDP on Introductory Data Science and Deep Learning organized by AICTE Training and Learning (ATAL) Academy at International Institute of Information Technology, Naya Raipur during 16.09.2021 to 20.09.2021
19. Workshop on Artificial Intelligence and Machine Learning Application in Healthcare organized by School of Computing, SRM Institute of Science and Technology, Chennai during 16.09.2021 to 17.09.2021
20. FDP on Deep Learning for Computer Vision organized by AICTE Training and Learning (ATAL) Academy at KIET Group of Institutions during 26.07.2021 to 30.07.2021
21. Workshop on Deep Learning for Image Processing Applications organized by Department of Computer Science, Pondicherry University, Pondicherry sponsored by DST-SERB during 28.01.2021 to 29.01.2021
22. FDP on Machine Learning Essentials for Every Researcher organized by Kongu Engineering College, Perundurai, Erode during 06.07.2020 to 10.07.2020
23. Webinar on Cyber Security organized by Department of Electronics and Communication Engineering of K.S.R College of Engineering, Tiruchengode held on 14.06.2020
24. FDP on Artificial Intelligence in Healthcare organized by Department of Electronics and Telecommunication of R.C.Patel Institute of Technology, Shirpur during 10.06.2020 to 11.06.2020
25. Webinar on Android Mobile Application Development for Embedded and IOT based Real Time Projects using MIT APP Inventor organized by Department of Electrical and Electronics Engineering of Rajalakshmi Engineering College, Tandalam, Chennai held on 10.06.2020

26. FDP on Introduction to Design Verification Using System Verilog organized by Cambridge Institute of Technology, Bengaluru during 30.05.2020 to 31.05.2020
27. FDP on Signal, Image and Video Processing: A Practical Approach organized by Department of Electronics and Telecommunication Engineering, Government College of Engineering, Karad during 26.05.2020 to 30.05.2020
28. FDP on Virtual Training for Renewable Energy Systems organized by Department of Electrical and Electronics Engineering, S.A Engineering College, Chennai during 28.05.2020 to 30.05.2020
29. FDP on Embedded Control Systems and Communication Networks organized by Department of Electronics and Communication Engineering, SRM Valliammai Engineering College, Chennai during 11.05.2020 to 15.05.2020
30. Webinar on Image Processing using Python organized by Mount Zion College of Engineering and Technology Pudukkottai in association with Pantech held on 12.05.2020
31. Webinar on Recent Trends in VLSI Technology organized by Department of Electronics and Communication Engineering of PSNA College of Engineering and Technology, Dindigul held on 11.05.2020
32. Webinar on Employability Skills for the Future organized by ICT Academy held on 05.05.2020
33. Webinar on Challenges in Integrating Nano Sensors to IoT platform organized by Chennai Institute of Technology on 04.05.2020
34. FDP on Recent Trends in Biomedical Engineering – Research Perspective organized by Department of Biomedical Engineering in association with MHRS-IIC and IQAC during 26.04.2020 to 30.04.2020
35. Workshop on SCILAB organized by Spoken Tutorial Project and Vaagdevi College of Engineering during January 2020

PUBLICATION DETAILS

- [1] **Satish S.**, Ragapriya D., Ramya M., Sinduja C., Vanitha P., “Conversion and monitoring of sound and heat energy into electrical energy” 2nd International Conference on Recent Trends in Engineering Science and Technology (ICRTEST 2019), held on 15.03.2019 and 16.03.2019 at Hotel Vijaya Park, Koyembedu, Chennai. Organized by Institute for Exploring Advances in Science and Engineering.
- [2] **Satish S.**, Karthikeyan N M., Thangavel M., Sathiamoorthy K., “Simulation analysis of high step up current fed DC-DC Converter” International conference of recent engineering advancements and technological updates (icreatu -2018) held on 27.10.2018 to 28.10.2018 at Aqua Green resort, Chennai.

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| [3] Satish S. , Ashok Kumar R., Kavitha V., Jegan R R., “A Beacon based Automatic vehicle speed control system for Restricted Zone” International conference of recent engineering advancements and technological updates (icreatu -2018) held on 27.10.2018 to 28.10.2018 at Aqua Green resort, Chennai. |
| [4] Satish S. , Gokul S., “Fetal twins heart beat extraction using Compressive sensing,” National level Conference on Cutting Edge technologies in Communication and Soft Computing techniques (NCCEECS – 2019), held on 14.03.2019. |
| [5] Satish S. , “Analysis of Non-linear effect in 4*20 Gbps AP-DCDM system” National level conference on Emerging Technologies in Electrical Systems conducted by the department of Electrical and Electronics Engineering, Government College of Engineering, Salem on 05.04.2018 and 06.04.2018. |

CERTIFICATION COURSES COMPLETED

[1] **Machine Learning Classification** at Coursera

[2] **Neural Networks and Deep Learning** at Coursera

[3] **Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization** at Coursera

[4] **Structuring Machine Learning Projects** at Coursera

[5] **Convolutional Neural Networks** at Coursera

[6] **Sequence Models** at Coursera

[7] **AI for Everyone** at Coursera

[8] **Machine Learning with Matlab** conducted by MathWorks Training Services, Matlab

[9] **Deep Learning with Matlab** conducted by MathWorks Training Services, Matlab

[10] **Deep Learning Onramp** conducted by MathWorks Training Services, Matlab