




## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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### DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

NAME & INITIALS	C.MUTHUPRIYA	
DESIGNATION	Assistant Professor	
EDUCATIONAL QUALIFICATION	B.E,M.E	
EXPERIENCE	1 YEAR 2 MONTH	
DATE OF JOINING	26.02.2024	
EMAIL ID	c.muthupriya@aalimec.ac.in	
AREA OF SPECIALISATION	NETWORKING,WIRELESS COMMUNICATION	

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### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	ELECTRONICS COMMUNICATION AND ENGINEERING	P.S.R.RENGASAMY COLLEGE OF ENGINEERING FOR WOMEN	ANNA UNIVERSITY	2015
M.E	COMMUNICATION AND NETWORKING	P.S.R.RENGASAMY COLLEGE OF ENGINEERING FOR WOMEN	ANNA UNIVERSITY	2017

### PROFESSIONAL MEMBERSHIPS

1. ISTE

<b>NPTEL COURSES ATTENDED</b>

<b>FDP ATTENDED</b>
<p>1.A One WeekFaculty Development Program on “Analog IC Design for IndustrialApplications” organized by Department of Electronics andCommunication Engineering, CVR College Of Engineering during 24-29 March, 2025.</p> <p>2.Faculty Development Program onHow Teachers Can Make a Difference held during March 04 - 06, 2025.</p> <p>3.international Faculty Development Program ( FDP)Working with Emotional Intelligence and Life Skills Management ( WEILSM )Organized by Department of English, Bapatla Engineering College (Autonomous)in Collaboration with ELT@I Guntur Chapter from 02-12-2024 to 06-12-2024</p> <p>4.international 5-Day Faculty Development Program on “Sustainability andResearch in Modern Mechanical Engineering” from 23rd to 27th September2024, organized by the Department of Mechanical Engineering,Madanapalle Institute of Technology &amp; Science, Andhra Pradesh, India.</p> <p>5. Six Days Faculty Development Program onRecent Advances, Trends, and Challenges in Nanomaterials Characterization And Techniques (RCNMCT – 2024) held from 9th to 14th September 2024 organized by the Department of Physics, Koneru Lakshmaiah EducationFoundation, Guntur - 522302, Andhra Pradesh, India.</p> <p>6.six days online FDP ON 'INDUSTRIAL APPLICATIONS OF EMBEDDED SYSTEMS AND IOT 22/8/2024 TO 28/8/2024 ORGANISED BY DEPARTMENT OF ECE,RAJALAKSHMI ENGINEERING COLLEGE</p> <p>7.SEVEN DAYS ONLINE FDP ON EXPLORING TRENDS AND FUTURE DIRECTIONS IN MACHINE LEARNING-INTEGRATED VLSI DESIGN organised by the department of ECE,SRM INSTITUTE OF SCIENCE AND TECHNOLOGY</p> <p>8.SIX DAYS ONLINE FDP ON IATEST DEVELOPMENT IN RF Technologies in 5g And beyond 30/7/2024 to 6/8/2024 organised by the department of ECE,RAJALAKSHMI ENGINEERING COLLEGE</p> <p>9.ONE WEEK FDP ON OBE&amp;NEP2020 DURING 10/6/2024 TO14/6/2024 VIT-AP UNIVERSITY</p>

10. Five Days - Online Faculty Development Program on "Exploring the Frontiers of Artificial Intelligence: Theory, Application & Ethics", during 8th - 12th July, 2024
11. FDP ON AI TOOLS AND TECHNIQUES FOR RESEARCH ORGANIZED BY DEPARTMENT OF BUSINESS ADMINISTRATION & IQAC, ANDRA LOYOLA COLLEGE FROM 9TH TO 13TH DECEMBER 2024
12. FDP-AI IMPLEMENTATION IN ELECTRIC VEHICLE from 22-04-2024 to 27.04.2024-PANTECH E-LEARNING PRIVATE LIMITED
13. FDP on Sustainable MEP Design in Modern Industry
14. AI IMPLEMENTATION IN ELECTRIC VEHICLES
15. EMERGING TRENDS OF RESEARCH IN ELECTRICAL ENGINEERING
16. METAL ADDITIVE MANUFACTURING FROM ADVANCES TO ADAPTABILITY

### WORKSHOPS ATTENDED

#### Workshops:

1. Participated workshop on "Embedded System and Robotics" held at Mepco Engineering College, Sivakasi.
2. Participated workshop on "Embedded System Development with C200" held at Mepco Schlenk Engineering College, Sivakasi.
3. Participated workshop on "Network Simulator-NS3" held at Mepco Schlenk Engineering College, Sivakasi

#### SEMINARS/WEBINARS ATTENDED

1.INTERNATIONAL WEBINAR ON Emerging Trend in shaping the future of business and technology on 4-12-2024

2.WEBINAR ON INSTITUTIONAL PREPAREDNESS FOR LEARNING OUTCOMES

#### PUBLICATION DETAILS

1. Paper on” Secure Active Detection Data Routing Protocol in Manets“ published in **INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY(IRJET)**
2. Paper on” IMPROVING SECURITY FOR MANETS USING MRA TECHNIQUES” Published in **INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRICAL ,ELECTRONIC AND INSTRUMENTATION ENGINEERING(IJAREEIE**
3. Paper on” Adaptive Acknowledgement Techniques to Improving security for manet using MRA scheme “published at **INTERNATIONAL JOURNAL OF ENGINEERING AND COMPUTER SCIENCE(IJES).**

#### CONFERENCE DETAILS

1. Participated Paper on” secure multiparty communication using multiple keys in manet“ held at Ranganathan Engineering College, Coimbatore.
2. Participated Paper on” Secure Active Detection Data Routing Protocol in Manets“ held at Panimalar Institute of Technology “, Coimbatore.
3. Participated Paper on” Adaptive Acknowledgement Techniques to Improving security for manet using MRA scheme “held at Karpagam College of Engineering “, Coimbatore.

PATENT PUBLICATION DETAILS
1.SMART PATHOLOGY DETECTION FOR CONNECTED HEALTHCARE USING MACHINE LEARNING ALGORITHMS
2.INTELLEGENT CROP AND PRICE RECOMMENDATION FOR SUSTAINABLE AGRICULTURE USING MACHINE LEARNING

ACHIEVEMENT DETAILS