




AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

NAME & INITIALS	SINDHUJA .R	
DESIGNATION	ASSISTANT PROFESSOR – ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	
EDUCATIONAL QUALIFICATION	M.E-WIRELESS COMMUNICATION	
EXPERIENCE	2YEARS	
DATE OF JOINING	03.11.2022	
EMAIL ID	sindhuja.r@aalimec.ac.in	
AREA OF SPECIALISATION	WIRELESS COMMUNICATION MICROWAVE ENGINEERING	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
M.E	WIRELESS COMMUNICATION	P.S.G COLLEGE OF TECHNOLOGY,COIMBATORE	ANNA UNIVERSITY	2014
B.E	ELECTRONICS AND COMMUNICATION ENGINEERING	SREE SASTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY	ANNA UNIVERSITY	2012

PROFESSIONAL MEMBERSHIPS

NPTEL COURSES ATTENDED

FDP ATTENDED

Undergone Faculty Development Programme on **Signals and Systems** in Velammal Engineering College, Chennai for a duration of 7 days on 16th to 22nd June 2014.

WORKSHOPS ATTENDED

- Participated in a 5-day workshop on “**Advanced Antenna Technology**” in Thiagarajar College of Engineering, Madurai in association with **IEEE** on 6th -10th June 2016.
- Participated in two days’ workshop on “**RF Measurements in wireless communication**” in MIT Campus on 9th October, 2015.
- Participated in two days’ workshop on **LTE-A** in MIT Campus on 10th & 11th October, 2014
- Organized a two days workshop on “**NS-2 MATLAB -A research perspective**” on 18th & 19th December, 2014 in Velammal Engineering college, Chennai.
- Participated in two days’ DRDO sponsored workshop on “**Software defined radio and Cognitive radio**” in PSG college of technology, Coimbatore on 4th & 5th January 2013.

SEMINARS/WEBINARS ATTENDED

1. Certified Wireless Network Administrator (CWNA)

-Stone River eLearning

-Issued Apr 2022

2. Certified Automation Engineer (CAE)

-Technocrat Automation Pvt Limited

-Issued May 2012

PUBLICATION DETAILS

- Miniaturized broadband branch line coupler for Wi-Max & LTE applications-**International journal of wireless and mobile computing** Vol.8, No.1, Jan 2015 pg.66-73
- Implementation of smart machine controlled by the human brain for people with ALS disease - **International journal of applied engineering research ISSN 0973-4562** Vol.10, No.22 (2015) Pg.20586-20596

CONFERENCE DETAILS

A survey on smart HI-FI Adaptive array antenna (HAAA) for green cultivation using ubiquitous sensing and autonomous computing-**Institution of Electronics and Telecommunication Engineers National Conference** on May 2016

ACHIEVEMENT DETAILS