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	3 years
DATE OF JOINING	03.11.2022
EMAIL ID	sindhuja.r@aalimec.ac.in
AREA OF SPECIALISATION	Artificial Intelligence 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 & Communication Engineering	Sree Sastha Institute Of Engineering & Technology	Anna University	2012

PROFESSIONAL MEMBERSHIPS

IAENG **325062** (INTERNATIONAL ASSOCIATION OF ENGINEERS)
ISTE **LM-136453** (THE INDIAN SOCIETY FOR TECHNICAL EDUCATION)

FDP ATTENDED

Participated in the **AICTE** Recognized Faculty Development Program **on AI/ML and Data Science for Industry 4.0 (Basic Level)** Conducted by Computer Science and Engineering Department from 21st August To 25th August 2023 at NITTTR, Chandigarh

Participated In 5-Days International FDP On **Unleashing Emerging Research Trends And Advancements In Computer Science 2.0**, Organized By School Of Computer Science And Engineering, **VIT-AP** University, Amaravati From 24th July To 28th July 2023.

Participated in 5-days FDP on **Embedded systems and IoT** ,organized by Department of information and technology, Jayaraj Annapackiam CSI College of Engineering from 10 July to 14 July 2023
Completed **Digital marketing course** organized by **NSE academy** & Tamilnadu skill development corporation government of Tamilnadu on 13th Feb 2023 to 17th Feb 2023 through the **Naan Mudhalvan Program** held at **Vellore institute of Technology.**
Participated in a 5-day Virtual FDP on **"Bio-Medical sensors & Signal processing"** in Loyola Institute Of technology on 9th Jan 2023- 13th Jan 2023
Participated in FDP training on **EC6001 Medical Electronics** at RMK Engineering College from 2nd to 9th Jan 2016 Organized by Centre For Faculty Development Anna University Chennai
Participated in FDP training on **EC6303-Signals and systems** at Velammal Engineering College from 16th to 22nd June 2014 Organized by Centre For Faculty Development Anna University Chennai

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 the seminar on research Perspective on **Bio-medical Measurements and clinical engineering** organized by Velammal engineering college on 5th March,2016
Participated in two days' workshop on "**RF Measurements in wireless communication**" in MIT Campus on 9th October,2015.
Coordinator for the two days' workshop on "**NS2 & Matlab**- A research Perspective " held on 18th & 19th December 2014.
Participated in two days' workshop on **LTE-A** in MIT Campus on 10th & 11th October,2014
Participated in two day workshop on **Programming, design & development of electronics industrial application using TIMPS430** Conducted by the department of electronics and communication engineering , steps knowledge service Pvt Ltd, Coimbatore at PSG College of Technology from 15th & 16th March, 2013
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
Participated in Virtual Popular Lecture Series On "Advancements In Biomedical Engineering : Exploring Innovations At The Intersection Of Science And Technology" Held On 16th October 2023
Participated in Virtual Popular Lecture Series On "Transforming Healthcare Through Medical Signal Processing : From Data To Diagnosis And Beyond" Held On 17th October 2023, , Organized by The Department Of Electronics and Communication Engineering, SRM Institute Of Science & Technology, Vadapalani.
Participated In Virtual Popular Lecture Series On "Unveiling The Power Of Medical Image Processing: Enhancing Diagnostics And Healthcare Outcomes" Held On 18th October 2023, Organized by the department Of Electronics and Communication Engineering, SRM Institute Of Science & Technology, Vadapalani
Completed **Introduction to Artificial Intelligence (AI)** an online course authorized by IBM and offered through **Coursera** on 1st July ,2023

Participated in the **50th edition** of **BRIDGE 2023-Chennai** (A High Impact Industry-Institute Interaction event of India) organized by ICT Academy held on 14th March 2023 at Chennai trade center, Chennai

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

CONFERENCE DETAILS
"A survey on smart HI-FI Adaptive array antenna (HAAA) for green cultivation using ubiquitous sensing and autonomous computing" in the IETE National Conference on smart communication ,organized by R.M.D Engineering college held on 2nd May,2016
"Peak transformation based Interpretation of wild defect and stratification using RNN" in the IETE National Conference on smart communication ,organized by R.M.D Engineering college held on 2nd May,2016
"Implementation of smart machine controlled by the human brain for people with ALS disease" in the International journal of applied engineering research ISSN 0973-4562 Vol.10, No.22 (2015) Pg.20586-20596
Presented a paper entitled "A Novel design of serpinski triangular fractal antenna for GAGAN application" in the AICTE Sponsored National Conference on Research challenges in wireless communication systems and VLSI design during 14th & 15th March,2014
TERP:Trust Cum Energy Aware Routing Protocol for mitigating blackhole attack in mobile adhoc network International journal of applied engineering research ISSN 0973-4562 Vol.9, No.24(2014) pg.24151-2416
"Wearable Sensor Based Hand Gesture Recognition for Robot Assisted Living", National conference on " Signal Processing,Communication and Networking " (NCSPCN-2012) organized by the department of electronics and communication engineering at Sri Venkateswara College of Engineering held On 3rd – 4th April 2012

INTERNSHIP AND COURSE DETAILS
Completed 15days internship Program on "**Python Programming**" organized by Pantech eLearning in association with IEEE on 19th Jan 2023-10th Feb 2023
Completed Certification on **CWNA** on Apr 2022 from Stone River E-learning
Completed Certification on **CAE** on May 2012 from Technocrat Automation Pvt Ltd