

Kings College of Engineering

Department of Computer Science and Engineering

Name: Arun M	
Designation:	Assistant Professor
Qualification:	B.E., M.E., (Ph.D)
Area of Specialization:	Affective Computing
Experience:	Teaching: UG:10 Years
	PG:
	Industry: NIL
No.of workshop/Conferences/FDP attended:	6
Publication:	Journal National:
	International : Conference National International:
Membership:	International Association of Engineers member, IAENG, IEEE Member
Achievements :	Certified Python Programmer, from Cranes Software International Ltd
	AWS Certified Cloud Architect,

Publications:

1.	Merlin, S. Sudha and Malathy, K. and S, Ravi and M. Arun , "ENCL: Empirical Evaluation of Consumer Behaviour Analysis Model Using Internet of Things (IoT) Based Enhanced Neural Classification Logic," <i>2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)</i> , Chennai, India, Jan-2024, pp. 1-6, doi: 10.1109/ICSES63760.2024.10910588.
2.	"Cyber Bullying Detection On Social Media Using Machine Learning" in International Research Journal Of Modernization In Engineering Technology and Science (IRJMETS), Volume 06, Issue 05, May 2024.
3.	"SIGN LANGUAGE INTREPRETER USING MACHINE LEARNING" in International Research Journal Of Modernization In Engineering Technology and Science (IRJMETS), Volume 06, Issue 05, May 2024
4.	International Research Journal of Engineering Research & Technology (IRJET) Automatic speed controlling of vehicle based on signboard detection using image processing. e-ISSN 2395-0056. May-2021
5.	International Journal of Engineering Research & Technology (IJERT) Food Conservation Application - Mobile App Connecting Provider and Consumer - 2278-0181, May 2021
6.	International Journal of Technology in Computer Science and Engineering Enhanced content sharing in a social network (Whats app) - 2349 – 1582. May-2019
7.	Journal of Advances in Chemistry-Intelligent Intrusion Detection System using Genetic algorithm. 5020-5025 , May-2017

Patent:

1.	Nil
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International /National Conferences:

1.	Presented a paper entitled "Machine Learning-Based Approach For Detecting DDOS Attacks In IOT Networks". International Conference organized by Chirst the king college of Engg, Chennai on 23 rd April 2025
2.	Presented a paper entitled "Independent navigation system for visually impaired using deep learning technique" in National conference on innovative technologies in engineering and research(NCITER-2024)organized by A.V.C College of Engineering on 22 nd March 2024.

3.	Presented a paper on Big powered deep learning system: revolutionizing sports injuries diagnosis in International Conference on recent trends in International Conference on recent trends in Engg and Science on 2nd and 3rd May 2024.
4.	Presented a paper entitled on “Enhancing Diabetic retinopathy and retinal detachment detection using swim transformation based ML models” in International Conference on Data analytics and Data Science, Organized by Vellammal Institute of Technology on 6th April 2024.
5.	Presented a paper Entitled on “infinite Storage: Cloud storstge with visual data encoding on youtube and Telegram” in National Conference on Recent Innovations in Engineering and Science organized by UCE Pattukattai on 27th Nay 2024.
6.	Presented a paper entitled “Sign language interpreter using machine learning” in International Conference on computing, Communication and Control(IC4) Organized by Kings College of Engineering on 26.4.2023
7.	Presented a paper entitled “Tamil voice assistants for bus schedule” in National Conference recent trends in trends in engineering, Science and management organized by kurinji college of engineering and technology on 9th june 2022.
8.	Presented a paper entitled “Effective emergency doctor finding app” in the National Conference on recent trends and technologies in computing.(NCRTTC'22) Organized by Arasu Engineering College on 01.06.2022.
9.	Food Conservation Application - Mobile App Connecting Provider and Consumer Online - International Conference on Recent Advances in Deep Learning- Ncon21.

Book & Book Chapters:

1. Nil

FDP/Seminar attended

1. Palo Alto Cloud Security Fundamentals organized by ICT Academy, Kings College of Engineering 29.07.24 to 02.08.24
2. Latest Trends in Cloud Computing organized by Kings College of Engineering 13-11-2024 to 15-11-2024
3. Attended 3 day online FDP on “AI-Augmented Scientific writing and publishing” during 14.02.24 to 16.02.24
4. Attended 5 day online FDP on “Unlocking industry insights on Data science” during 12.02.24 to 16.02.24
5. Attended 5 days FDP on Devops in Govt. College of Engg, tirunelveli from 29-1-24 to 3-2-24

6. Attended 5 day Faculty Development Programme on “Cloud Practitioner (AWS)”, organized by ICT Academy, Tamilnadu during 26.6.23 to 1.7.23
7. Coordinated TNeGA **(Tamilnadu Government E-Governance) e-sevai operator training programme in association with ICT Academy of Tamil Nadu.** This programme was for E-Sevai operators of Pudukottai district during 23.8.23 to 11.9.2023 (13 days).
8. Attended 5 days FDP on Microsoft Power Bi, Anaconda tools and IBM Cognos analytics and data Science from 19-9-23 to 23-9-23.
9. Attended 3 Days FDP on Artificial intelligence and machine learning in Smart Energy Systems held during 3.5.23 to 5.5.23 organized by Kings College of Engineering.
10. Machine Learning & Predictive Analysis using python organized by NITTTR, Chandigarh 11/7/22 to 15/7/22.
11. CS8791 Cloud computing (Anna University Sponsored) organized by EGS Pillai Engg College 18/7/22 to 23/7/22.
12. Participated in the five day FDP on "Design thinking" organized by KCE, Punalkulam on 20.07.2020 to 24.07.2020
13. Online ATAL FDP on "Wearable Devices" organized by Sri Ramakrishna Institute of Technology 30-11-2020 to 04-12-2020
14. FDP on Theory of Computation organized by Vellammal EC, Chennai 18-05-2020 To 25-05-2020

Acted as resource person:

- FDP on Latest trends in Cloud Computing was organized during 16.01.2024 to 30.01.2024 through Online mode for KIT staff members, Combodia