

Kings College of Engineering

Department of Computer Science and Engineering

Name:	Insert photo T.SINDHU
Designation:	Assistant Professor
Qualification:	M.E.(Computer Science)
Area of Specialization:	Artificial Intelligence and Machine Learning
Experience:	Teaching: UG: 2 years
	PG:nil
	Industry:
No. of workshop/Conferences/FDP attended:	17
Publication:	Journal National: International : 1
	Conference National: International: 3
Membership:	

Publications:

1. ONLINE SUPERMARKET SYSTEM USING QR SCAN, in International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), vol. 06, Issue 05, May 2024. ISSN : 2582-5208
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Patent:

1. Blockchain Enabled Device for Computer Network Safety.
2. Data analytics server machine for cloud computing

International /National Conferences:

1. International conference on “Efficient Resource Allocation for Wireless Routing Protocol” in Recent Trends in Engineering & Science (ICRTES-2024) ON 2 nd and 3 rd May 2024 organized by kings college of engineering,pudukkottai.
2. International Conference on “AI-Based Driver Drowsiness Detection and Fatigue Monitoring Sydtem for Real Time Safety and Accident Prevention(ICSTES’25)” on 8 and 9 may 2025,organized by the Centre for Promotion of Research (CPR),Kings College of Engineering(Autonomous), Pudukkottai.
3. International Conference on “Sustainable Innovations in Management,Technology &Advanced Computing-SIMTAC’25” in association with SEGi University,KI,Malaysia on 4 th April 2025 at Karpagam College of Engineering,Coimbatore.

Book & Book Chapters:

1. Published a book on “Digital Image Processing” by Charulatha Publications ISBN “978-93-6260-679-2”.
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FDP/Seminar attended

1.	6 days FDP on “Internet Of Things” conducted by IBM(Naan Mudhalvan) on 11.03.2024 to 16.03.2024 through hybrid mode.
2.	5 days FDP on “Emerging Trends inartificial Intelligence and Deep Learning” conducted by IEEE Madras Section at Sai Ram Institute Of Technology. During 26.12.2023 to 30.12.2023 through hybrid mode.
3.	7 days National Level FDP on “Python” organized by Star International Foundation for Research and Education on 19.03.2024 to 25.03.2024 through online mode.
4.	5 days FDP on “Python Programming” organized by St.Joseph’s College Of Engineering and Technolgy on 01.04.2024 to 05

5.	Three-days National Level Workshop on "Data science and Machine Learning from 18th October to 20th October conducted by Kings College of Engineering.
6.	2 days FDP on "CHALLENGES, INNOVATIONS AND OPPORTUNITIES IN CURRENT SCENARIO", organized by Internal Quality Assurance Cell (IQAC), Kings College Of Engineering, Punalkulam, on 21.12.2023 & 22.12.2023.
7.	Workshop on "Cloud Computing(AWS)" conducted by Kings College of Engineering on November 14,2023.
8.	Participated in 15 hours of Faculty Development Program on Sales force Platform Developer 1 conducted by ICT Academy on 22 Jan 2024 to 27 Jan 2024 through online mode.
9.	Participated in 15 hours of Faculty Development Program on Palo Alto Cloud Security Fundamentals conducted by ICT Academy on 29 Jul 2024 to 2 Aug 2024 through online mode.
10.	Participated in one day FDP on "Outcome Based Education" conducted by Kings College of Engineering at 23.09.2024.
11.	Participated in one week Faculty Development Program on "Transformative Technologies in Health care: Leveraging Data Science, IoT and AI" organized by St.Joseph's college of engineering and technology on 23.09.2024 to 28.09.2024 through online mode.
12.	Participated in one week online Faculty Development Program on "Data Science and Machine Learning Applications for Engineering and Sciences" organized by Shri Vishnu Engineering College for women (Autonomous), Bhimavaram from 21-10-2024 to 27-10-2024.
13.	Participated in Three days Faculty Development Program (FDP) on "Latest trends in Cloud Computing" from 13.11.2025 to 15.11.2025 at Kings College of Engineering.
14.	Attended one week online ATAL FDP on Recent Trends in Artificial Intelligence and Quantum Computing at St.Joseph's College Of Engineering And Technology, Thanjavur from 03.02.25.

Programs organized

1.	One day seminar on "career guidance" by Dr. Gopi Ramasamy, AP(CSE) Christ university ,Bangalore on 30.05.2024
2.	One day seminar on "Leveraging AI in Adobe Photoshop and Creative Cloud" by Mr.Santhana Gopala Krishnan Centre Director,TCIL-IT Education & Training Centre,Trichy on 30.09.24
3.	One day workshop on "Web Designing" for diploma students by Mr.M.Arun,Assistant

Professor,Department of Computer Science and Engineering,Punalkulam,Thanjavur.on 27.03.2025.
4. On behalf of ISTE organized "Poster Making Competition" on 28.10.2024 for department of Computer Science and Engineering at Kings College of Engineering.
5. On behalf of Health &Hygenic Club organized "Health and Hygiene-Themed Crossword Contest" on 13.02.2025 at Kings College of Engineering.
6. On behalf of ISTE organized "Debugging in C++" on 23.04.2025 for department of Computer Science and Engineering at Kings College of Engineering.