Faculty Profile



Dr. C.JEHAN , M.E., Ph.D
Prof/CSE Dept

HIGHLIGHTS:

- Number of Journal Publications:21
- H-Index5
- Project Funding Received:nil
- Patents Published:03
- Patents Granted:nil

PROFESSIONAL LINKS:

- Scopus ID: 56205040900

Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=56205040900

- Google Scholar ID: Kx3RdyMAAAAJ
- Anna University Faculty ID: 2715051970
- AICTE Faculty ID: 1-73798775115
- Anna University Supervisor ID: 4140198
- LinkedIn: https://www.linkedin.com/in/jehan-chelliah-23146343b/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 25 Years
- Industrial Experience: 3 years

INTERNATIONAL EXPOSUR :

AREA OF SPECIALIZATION:

- Wireless Sensor Networks

- Machine Learning
- Artificial Intelligence and Machine Learning

Ph.Ds AWARDED WITH DETAILS: Nil

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time

Ph.Ds GUIDING:

- Full Time Scholars: Nil
- Part Time Scholars : Yes

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- **ATAL FDP APPLIED :**
  Faculty Development program (FDP) for the academic year 2024-2025 applied on 31-05-2024
- **ANRF Funded Project -**Title of the project : Building AI techniques for optimal path planning of a rover in unknown terrain.

PATENTS PUBLISHED/GRANTED:

- Agriculture crop insurance policy using block chain technology

  Application Number : 202241075331A

  Publication Date : 13/01/2023

- Published Book Chapter : Deep Neural Network Analysis for Malware Detection

  Using Machine Learning Approaches

- Drone Using Agricultural field.
- AI using face recognizing systems

COURSES CERTIFIED:

- SWAYAM -Nptel Course on IOT , Cloud Computing
- Diploma in Computer Applications

ACHIEVEMENTS AND AWARDS: nil

- Received cash prize for 100/- result in 2012 by Jayamatha Engg College
- Received award for 100/- result in 2015 by Tamizhan college Engg College
- Received award for all pass result in 2021 by Rohini college of Engg & Technology

SPECIAL SESSIONS DELIVERED:

- Presented a Guest lecture on Cloud Computing for the one session of 6 days AICTE sponsored FDP in Jayamatha Engineering College
- Served as a CHAIR of special in International Conference on Computer Science and Engineering approved by IEEE held in Tamizhan College of Engg
- Conducted National Level Symposiums, Hackathon,Workshop and Seminars
  ISO 9001:2000

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Participated & successfully completed "Faculty Development Program on Microsoft Azure Machine Learning and Artificial Intelligence" from 15th to 17th March 2022.
- Participated and successfully completed "**Faculty Development Program on Microsoft Azure Data Fundamentals**, held from 29th to 31st March 2022.
- Participated & successfully completed **AICTE Training And Learning (ATAL)Academy** Online Elementary FDP on "Industrial Applications of Machine Learning and Artificial Intelligence" from 06/09/2021 to 10/09/2021 at Manipal University Jaipur.
- Participated and successfully completed the Faculty Development Program on" Advancement of Intelligent System and Computation" organized by the Department of CSE, JIS College of Engineering, West Bengal from 20th April 2021 to 24th April 2021.
- Participated & successfully completed **AICTE Training And Learning (ATAL)Academy** Online FDP on "Internet of Things (IoT)" from 2020-11-30 to 2020-12-4 at Sri Sairam Engineering College.
- Participated & completed AICTE Training And Learning (ATAL)Academy Online FDP on "Cyber Security successfully" from 2020-11-23 to 2020-11-27 at Sri Jayachamarajendra College of Engineering, Mysuru.
- Attended Webinar on "Trends in IOT" on 24th July 2020 organized by Sri Eshwar College of Engineering, Coimbatore.
- Participated and completed Faculty Development Program on "LaTeX and its Applications and Researchers "organized by the Department of Information Science and Engineering, Vidyarardhaka, Mysurufrom20-07-20 to 24-07-20.

- Participated in the Webinar “Online Teaching Techniques and Tools”, organized by Electronics and Communication Engineering, Paavai Engineering College, Namakkal, TN in association with IFERP on 18-07-2020.
- Participated in One Week National Level Online Faculty Development Programme on “FUTURE SCOPE IN IT” under the aegis of IQAC held from 6th July to 10th July 2020,organized by the Department of Information Technology, Paavai Engineering College, Namakkal.

- Participated in a one-week Online short-term training Program on Computer Networks held from 6th to 11th July 2020 organized by the Department of Computer Science and Engineering, Arasu Engineering College, Kumbakonam.
- Participated in Five Days Online National Level Faculty Development Programme on “Recent Trends in Computer Science” held from 28th June to 02nd, July2020organized by the Department of Computer Science and Master of Computer Applications at Sreenivasa Institute of Technology and Management Studies(SITAMS).
- Participated in a Webinar on “Explore your selves in Real Time Projects” Organized by Stella Mary’s College of Engineering, Aruthenganvilai, Kanyakumari, Tamilnadu, on 23rd June 2020.
- Participated in Virtual Power Seminar on “Recent Trends in Artificial Intelligence” Organized by Bethlehem Institute of Engineering, Karungal, Kanyakumari,, Tamilnadu on 22nd June 2020.
- Proceedings of the 7th International Conference on Inventive Computational Technologies (ICICT 2024)“ adaptive Silo Networks with Cloud Computing and Reinforcement Learning for Responsive Grain storage “ Xplore Part number: CPF24F70-ART; ISBN: 979-8-3503-5929-9,PG NO 1611-16, April 26th,2024. Scopus Indexed.

- 10th International Conference on Communication and Signal Processing (ICCSP) “IOT Data and Random Forest Algorithm for Optimized Crop Rotation Planning for Sustainable Agriculture”,979-8-3503-5306-8/24, DOI:10.1109/ICCSP60870.2024.10543916, Scopus Indexed , June 7, 2024.
- 10th International Conference on Communication and Signal Processing (ICCSP) , “Automotive CAN–Based Intelligent Collision Avoidance System using Machine Learning and Cloud Computing “, 979-8-3503-5306-8/24, DOI:10.1109/ICCSP60870.2024.10543544, Scopus Indexed Journal. Page no 1156-1161, June 3, 2024.
- 10th International Conference on Communication and Signal Processing (ICCSP),” 5G Enabled V2X Communication with cloud-Powered XGBoost Algorithm for Electric Transportation “ ,2024 IEEE /DOI : 10.1109/ICCSP60870.2024.10543785.
- International Journal of Advanced Trends in Engineering and Management “ A Deep Learning Approach for Automated Detection and Classification of Pomagranate fruit Disease using Efficient Net “ DOI: 10.59544/gwcy9695/ijatem v04 i01 p2
- 25th International Conference on Next Generation Information System Engineering (NGISE) An Efficient IoT Based Wireless Sensor Network with Pigeon Inspired Routing | I EEE Conference Publication | IEEE Xplore , DOI 10.1109/NGISE64126.2025.11

- 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICOICI – 2025), “ Secure and Efficient Urban Parking Solution : A Block chain – Blockchain-Integrated Smart Parking Management System “
- 2025 International Conference on Next Generation Information System Engineering

(NGISE) “An Efficient IoT Based Wireless Sensor Network with Pigeon Inspired Routing “ DOI: 10.1109/NGISE64126.2025 28-29 March 2025 IEEE Xplore: 28 July 2025

- 2025 8th International Conference on Circuit, Power & Computing Technologies (ICCPCT)“ A QHE-Based Security with Duck Swarm Optimized-Routing Topology for Trust and Privacy in Vehicular Ad Hoc Networks “ Publisher: IEEE, DOI: 10.1109/ICCPCT65132.2025.11176682 Date Added to IEEE Xplore: 20 October 2025

PROFESSIONAL MEMBERSHIPS:

Life Member (LM 131877) in Indian Society for Technical Education(ISTE)

OTHER DETAILS (If any): nil

- Anna University Central Paper Valuation Board Chairman(2014-2017)
- Anna University Theory Exam Squad(2021-2023)
- Anna University Zone 10 Question paper Setter