

Dr. Sulfath P. M



Sulfath



<https://www.icet.ac.in/faculties/4/staff-profile>



Employment History

- Jul 2024 – **Associate Professor and Head.** Department of MCA, Ilahia College of Engineering and Technology.
- Oct 2023 – July 2005 **Associate Professor.** Department of MCA, Ilahia College of Engineering and Technology.
- Oct 2022 – Sept 2023 **Assistant Professor.** Department of MCA, Ilahia College of Engineering and Technology.
- Jun 2016 – Mar 2017 **Assistant Professor.** Ilahia College of Arts and Sciences.
- Jun 2009 – Jun 2014 **Assistant Professor.** Ilahia College of Arts and Sciences.
- Aug 2008 – Dec 2008 **Lecturer.** Master of Computer Applications, CUSAT.
- Aug 2006 – Jun 2008 **Lecturer.** H. M College.

Education

- 2023 **PhD , Bharathiar University:** PhD in Computer Science , Advanced Networking
Thesis title: *Wireless Sensor Network*.
- 2017 **MPhil, Bharathiar University:** MPhil in Computer Science, Advanced Networking.
Project title: *Wireless Sensor Network*.
- 2006 **MSc, Mahatma Gandhi University:** MSc in Computer Science.
- 2004 **BSc, Mahatma Gandhi University:** BSc in Computer Science.

Research Publications

Conference Proceedings

- 1 “Improving the energy efficiency by integrating k- nearest neighbor with artificial bee colony optimization algorithm in wireless sensor networks,” in *International Journal of Advanced Research in Engineering and Technology*, Volume 11, Issue 10, 2020., IEEE, 2020, pp. 145–148.

Skills

- Languages Strong reading, writing, and speaking competencies in English, Malayalam, and Hindi
- Coding C, C++, NS2. ...

Skills (continued)





Databases and Web development  MySQL, PL SQL ,HTML.

Miscellaneous Experience

Awards and Achievements

- 2024  Reviewer, International Conference on Sustainable Advanced Computing (ICSAC-2024) Organised by Department of Computer Science, CRIST(Deemed to be University), Bangalore, India.
- 2024  Chaired National Conference on Emerging Computer Applications (NCECA 2024) Organised by Amal Jyothi College of Engineering, Autonomous, India.
- 2023  Session Chair, IEEE Conference held at ICET, July 13-14 2023, India International Conference on Innovations in Engineering and Technology.
- 2023  Reviewer in the International Conference on Computational Sciences and Sustainable Technologies(ICCST-2023) held on 8th and 9th May 2023, Organised by CHRIST University, India and Modern College of Business and Science, Muscat,Oman in association with ACM, Springer.
- 2023  Chaired the technical session of International Conference on Intellectual Property Rights Organised by Santhigiri College of Computer Science, Kerala, India.




Certification

- 2024  **Certification:** Ethical Hacker.
- 2010  Microsoft Certified System Engineer.
- 2008  Advanced Diploma in Quality Engineering.
- 2006  Diploma in Hardware.

Paper Presentation

- 2020  **Paper presented in National Level Seminar organised by SNGC, Coimbatore on Trends and Challenges in Data Mining held on 11th January 2020.**

Research Works

-  EDA - An Enhanced Data Aggregator.
Redundancy Elimination in WSN
-  OLF - An Optimized Location Finder.
Reduce the communication gap in WSN by placing Sink and Aggregator nodes in proper positions.
-  LEO-RR - Low Energy Optimized Reactive Router.
Avoid intermediate node failures in AODV protocol to achieve optimized routing.

Miscellaneous Experience (continued)

Academic Responsibilities

- Research Coordinator.
ICET Research and Development Centre and IEEE Conference Committee.

- Member.
ICET Funded Projects.

- Member.
ICET INSIGHTS, Newsletter of ICET.

- Mentor and Project Coordinator.
Final Year Postgraduate Studies .

- Coordinator .
Foss Club, an initiative to promote open-source culture and collaboration among students.

References

Dr. K A NAVAS - Ilahia College of Engineering and Technology

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Dr. Abdul Gafur M - KMCT Institute of Emerging Technology and Management.

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Dr. Abdul Mujeebu - Imam Abdulrahman Bin Faisal University

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