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PROFILE

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|---|--|
| QUALIFICATION | <ul style="list-style-type: none">• Pursuing PhD in Computer Science and Engineering• M.Tech in Computer Science and Engineering• B.Tech in Computer Engineering and Engineering |
| TEACHING/ RESEARCH/ ESTABLISHMENT EXPERIENCE | 5 Years of Teaching and Research Experience |
| PUBLICATIONS | No. of Conference Papers-2 No. of Research Papers in Journal-3 No. of book Chapters-01 |
| RESEARCH GUIDED | |
| WORKSHOP/ QIP/ FDP/ SHORT COURSES | 01 |

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| ACHIEVEMENTS/ RECOGNITIONS AT THE NATIONAL/ INTERNATIONAL LEVEL | 1. Patent- 03 |
| REVIEWER | International Journals: 01 |
| | International Conferences on: 1 |
| PROFESSIONAL MEMBERSHIPS | 1. International Association of Engineers (IAENG), membership number: 392480 |

RESEARCH INTERESTS

- Machine Learning
- Artificial Intelligence
- Data Science
- Deep Learning

COURSE TAUGHT: COURSES RELATED, BUT NOT LIMITED, TO THE FOLLOWING

- Artificial Intelligence
- Machine Learning
- Theory of Computation
- Java
- Data Structure

STUDENTS SUPERVISION

A) M.Tech Thesis – ONGOING-1.

| S.No | M.Tech Topic | Name of the Candidate | Registration Date | Status |
|------|---|-----------------------|-------------------|---------|
| 1 | Cloud -Based Digital Twins in the Healthcare Industry | Rubeel Taj | 08-11-2020 | Ongoing |

B) B.Tech. Final year Projects – 8

PUBLISHED/GRANT PATENTS

Patent- 03

1. "Implementation of ML based approaches for Predictive Analysis of Biodiversity in IOT based Environmental Monitoring Systems", "Intellectual Property India" Published on 01-09-2023(Application no.- 202341042488)
2. "AI & IoT Based Smart Agriculture Management System for Efficient Irrigation & Crop Monitoring Using Machine Learning (ML) Algorithms" "Intellectual Property India" Published 01-09-2023 (Application no.- 202341043483)
3. "IoT & ML (Machine Learning) Based Prediction & Treating Cancer in Real Time & A Mobile App Hosted in the Cloud". "Intellectual Property India" Published 01-09-2023 (Application No: 202341046448)

PUBLISHED SCI/SCOPUS RESEARCH PAPERS

- Dr. S H Abbas, **Aaftab Alam** et. al., "A Fuzzy Based Proposed Forecast Model for Brain Disease" *International Neurology journal, SCIE and Scopuse Q2 Indexing*
- **Aaftab Alam, Dr. Shish Ahmad**, "Extending Network Life - Time by Energy Efficient Data Aggregation in WSN" *International Journal of Research in Advent Technology, Vol.7, No.5, May 2019, Page no. 250-255, UGC Approved.*
- **Aaftab Alam, Dr. Shish Ahmad** "A Comparative Analysis for Sensor Fusion in Distributed Sensor Networks-A Review", *Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6, Google Scholar Indexing, UGC Approved.*

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- **Aaftab Alam**, et. al., (2023) Deep learning with Natural Language Processing for Emotion Detection and Classification on Social Networking, *Proceeding of the 7th IEEE Conference on International Conference on Electronics, Communication and Aerospace Technology (ICECA-2023)*, RVS Technical Campus, Coimbatore, India, 22-24, November 2023, Published on 9 February 2024
- **Aaftab Alam**, et. al., (2023) DT-GRU Approach for Developing Remotely Monitored Central Nervous System using Wearable Sensors, *Proceeding of the IEEE International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023)*, M. P. Nachimuthu M. Jaganathan Engineering College, Erode, Tamil Nadu, India, 18 – 20, October 2023, Scopuse Index

BOOK CHAPTERS

- Dr. Vipin Rai, **Aaftab Alam** “Industry Revolution 4.0 to 5.0” Published in Current Technologies and Tools Aiding Industry 5.0 Development, Cambridge Scholars Publishing (**ISBN no: 9781527554085**)
