



Department of Artificial Intelligence and Datascience

FACULTY DETAILS

Staff Name : Ms.S. Anslam Sibi

Date of Birth : 07.02.1988

Educational Qualification : M.E., (Ph.D)

Area of Interest : Wireless Sensor Network, Machine Learning, Deep Learning, Network Security

Years of Experience : 10 Years 2 Months

Area of Research : Wireless Sensor Network, Machine Learning

No of Student Projects Guided : 20 (UG projects)
4 (PG projects)

Supervisor : -

FDP & Workshop Funding : -

Research Projects (Granted) : -

R & D Activities : -

Journal

- Publication Details** :
- S. N. Bushra, S. Anslam Sibi, K. VijayaKumar and M. Niveditha, published a paper titled, "**Predicting Anomalous and Consigning Apprise During Heists**," 2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF), Chennai, India, 2023, pp. 1-8, doi: 10.1109/ICECONF57129.2023.10084114.
 - S. N. Bushra, Adlin Sheeba, C.A. Subasini, S. Anslam Sibi, published a paper titled, "**Leukocytes Classification Using Convolutional Neural Network**", Cardiometry, Issue 26, February 2023, Page: 466-474.

- M. Revathi, A. B. Godbin, S. N. Bushra and **S. Anslam Sibi**, published a paper titled, "**Application of ANN, SVM and KNN in the Prediction of Diabetes Mellitus**," 2022 International Conference on Electronic Systems and Intelligent Computing (ICESIC), Chennai, India, 2022, pp. 179-184, doi: 10.1109/ICESIC53714.2022.9783577.
- A. B. Godbin, M. Revathi, S. N. Bushra and **S. Anslam Sibi**, published a paper titled, "**An Efficient AI model for identification and classification of pneumonia from chest x-ray images**," 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India, 2022, pp. 1-7, doi: 10.1109/ICSES55317.2022.9914292.
- **S. Anslam Sibi** and L. Sherly Puspha Annabel, published a paper titled, "**QEnergy and SARSAEnergy Learning for Energy efficient Routing in Wireless Sensor Networks**," 2022 International Conference on IoT and Blockchain Technology (ICIBT), 2022, pp. 1-5, doi: 10.1109/ICIBT52874.2022.9807754.
- R.Vijaya Prabhu and **S. Anslam Sibi**, published a paper titled, "**Modified Particle Swarm Optimization in Wireless Sensor Network for Clustering and Routing**" International Virtual Conference on Industry 4.0, 2021, Springer Singapore, doi:10.1007/978-981-16-1244-2_30, pages:347-361.
- **S. Anslam Sibi** and R.Vijaya Prabhu, published a paper titled, "**Survey on Clustering and Depletion of Energy in Wireless Sensor network**" 2020 3rd International Conference on Intelligent Sustainable Systems (ICISS) IEEE Xplore, 2020, pp. 1341-1345, doi: 10.1109/ICISS49785.2020.9316011.
- R.Vijaya Prabhu and **S. Anslam Sibi**, Published a paper titled, "**Effective Energy Conservation of Wireless Sensor Networks for Monitoring Irrigation**", Journal of Advanced Research in Dynamical and Control Systems (**JARDCS**), Vol. 10, 03-Special Issue, 2018.

Conferences

- Presented a paper titled "**Weed Detection Using Convolutional Neural Network**" In The 8th International Conference On Future Computational Technologies And Applications -Agnicon 2021 Organized By Agni College Of Technology On 05/06/2021.
- Presented a paper titled "**Image Processing of Retina To Detect Diabetic Retinopathy With Empirical Wavelet Transform**" In The 8th International Conference On Future Computational Technologies And Applications -Agnicon 2021 Organized By Agni College Of Technology On 05/06/2021.
- Presented a paper titled, "**Machine Learning Techniques in Wireless Sensor Networks**", International Conference on Recent Advancements in Wireless Communications, Signal and Image Processing (ICWCSIP 2020).
- Presented a paper titled "**Modified Particle Swarm Optimization in Wireless Sensor Network for Clustering and Routing**", International Virtual Conference on Industry 4.0 (IVCI4.0-2020).
- Presented a paper titled, "**Smart Bin Management System Using IOT for Smart Cities**", International Conference on Recent Developments in Engineering Management Science and Technology", **ICRDET'19**
- Presented paper in National Conference on "**Secure Data Storage with Encryption and Recovery Techniques in Cloud**".
- Presented paper in National Conference on "**Indian Regulatory Complaint System**".
- Presented paper in National Conference on "**Map Reduce Jobs in Heterogeneous Cloud Using Budget-Driven Scheduling**".

Patent Publication :	<ol style="list-style-type: none"> 1. Title: Real time IOT Applications for Controlling Waste Disposal in Smart City Applications with Integrated Garbage Bins Application Number: 202241070014 A on 16.12.2022 Status: Published 2. Title: Monitoring of Body Temperature with alert through IOT without contact to Human Body during Covid Situations Application Number: 202241006638 A on 25.02.2023 Status: Published.
FDP & Workshop Attended Details :	<ul style="list-style-type: none"> • Five days FDP on “New Age Technologies” organized by SCOPE, VIT-AP University, Amaravati from 28th March to 1st April 2023. • Attended IP Awareness/Training program under National Intellectual Property Awareness Mission on 16th Jan 2023. • Three days FDP on “Art of Research Publication and Promotions” organized by Jayaraj Annackiam CSI College of Engineering on 3rd to 5th March 2023. • Five days FDP on “Ethical Hacking” organized by Blackbuck Engineers and Department of IT and CSE, KKR & KSR Institute of Technology & Science from 27th February to 23rd March 2023. • Five days National Seminar on “Emerging Trends in Intelligent Computing”, organized by SCOPE, VIT-AP University, Amaravati from 14th to 18th March 2023. • Ten days FDP on “Mathematical and Statistical approach to Data Science, Machine Learning and Natural Language processing” organized by E & ICT academy, NIT Warangal in association with St. Joseph’s College of Engineering from 16th to 26th May 2022. • One week FDP on “Machine Learning and Deep Learning” organized by Easwari Engineering College on 21st to 26th Feb, 2022. • One week FDP on “Biomedical Image Processing issues, Challenges & Techniques” conducted by JCT College of Engineering from 28th Feb to 04th March, 2022. • One week FDP on “Recent trends in Image Processing” organized by Velammal Institute of Technology from 21th to 27th Sep 2022. • Three days FDP on “Internet of Things (IoT) and cloud interface” organized by St. Joseph’s Institute of Technology on 21st to 23th November, 2022. • Completed 30 days MATLAB Master class at Pantech Prolabs India Pvt Ltd. • Five days FDP on “FDP on Industry 4.0” organized by Easwari Engineering College from 5th to 9th Dec 2022. • Two Week International Faculty Development Program on “Trends and Challenges in Machine Learning and Deep Learning” organized by the Department of Information Technology, Easwari Engineering College held from 10th to 21th May, 2021. • One Week International Faculty Development Program on “Artificial Intelligence Integrated Web Services” organized by the Department of Information Technology, Easwari Engineering College held from 25th to 29th May, 2021. • National Level Webinar on “Research Methodology” organized by the Department of Information Technology, Easwari Engineering College on 4th Jun, 2021. • One day National Level Webinar on “A Dive into the world of Artificial Intelligence, Machine Learning and Deep Learning” organized by X-Gen Association held on 07th Jun, 2021. • Two Weeks International FDP on “Trends and Challenges in Machine Learning”

& Deep Learning” organized by IT and AI & DS Departments of Easwari Engineering College, Chennai, 11th may to 22nd may,2021.

- AICTE Training and Learning (ATAL) Academy Online FDP on "**Block chain**" from 7th to 11th sep, 2020 at Birla Institute of Technology Mesra.
- AICTE Training and Learning (ATAL) Academy Online FDP on "**Wearable Devices**" from 30th Nov to 4th Dec, 2020 at Sri Ramakrishna Institute of Technology.
- AICTE Training and Learning (ATAL) Academy Online FDP on "**Computer Science & Biology**" from 2nd to 6th Nov, at S. R. M Institute of Science and Technology.
- Faculty Development Program on "**Introduction to PHP**", organized by ICT Academy in Loyola Institute of Technology.
- Faculty Development Program on "**Introduction to Big Data Analytics**", organized by ICT Academy in St.Joseph’s College of Engineering.
- Faculty Development Program on "**Introduction to Cloud Infrastructure and Services**", organized by ICT Academy in RMK Engineering College.
- Faculty Development Program on "**Problem Solving in C and C++**", organized by ICT Academy in Jeppiar SRR Engineering College.
- Faculty Development Program on "**Cryptography and Network Security**", organized by NPTEL – AICTE.
- Faculty Development Program on "**Computational Intelligence**" in St.Joseph’s Institute of Technology.
- Webinar on "**Data Science & its Applications**", organized by Ponjesly College of Engineering
- 5 days Faculty Development Program on "**Data Structure**", organized by Velammal Engineering College.
- 5 daya Faculty Development Program on "**Object Oriented Analysis & design**", organized by Velammal Engineering College.
- 5days Faculty Development Program on "**Artificial Intelligence and Machine Learning**", organized by CMR Technical campus in association with Blackbuck engineers.
- 6days Faculty Development Program on "**Object Oriented Programming**", organized by Panimalar Institute of Technology.
- 6 days Short term training Program on "**Cyber Security -Threats and Vulnerabilities in Real Time Applications**" organized by St.Joseph’s College of Engineering.
- 14 days Bootcamp on "**Machine Learning**" organized by Codegnan IT Solutions OPC PVT. LTD.
- 10 days bootcamp on "**Web Development with Python**" organized by Codegnan IT Solutions OPC PVT. LTD.

Professional Membership : Computer Society of India(Membership ID: F8004396)
IAENG (Membership ID: 306862)