

CURRICULUM VITAE

Angel Barakka J

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QUALIFICATION

- Pursuing Ph.D in Information and Communication Engineering, Anna University,
- M.E., in Computer Science and Engineering, Manonmaniam Sundaranar University, 2009
- B.Tech., in Information Technology, PET Engineering College, Anna University, 2005

ACADEMIC EXPERIENCE : 17 Years 2 Months

1. June 2022 – till date
Assistant Professor, Sri Sairam Engineering College, Chennai, Tamil Nadu, India.
2. July 2018 – June 2022
Assistant Professor, Annai Veilankanni's College of Engineering, Chennai, Tamil Nadu, India
3. July 2017 – April 2018:
Assistant Professor, Ponnaiyah Ramajayam Institute of Science and Technology (PRIST), Chennai Campus, Chennai, Tamil Nadu, India
4. July 2009 – May 2015
Assistant Professor, C S I Institute of Technology Technology, Thovalai, Tamil Nadu, India
5. July 2006 – July 2009
Assistant Professor, Ponjesly College of Engineering, Nagercoil, Tamil Nadu, India
6. August 2005 – May 2006
Lecturer, Trichy Engineering College, Trichy, India

RESEARCH PUBLICATIONS (PEER-REVIEWED JOURNALS & CONFERENCE

PROCEEDINGS)

1. Angel Barakka. J, T. Sathya, Kujani T, J. Malathi and Akshaya. S, "Real- Time Driver Emotion Recognition Using CNN-LSTM for Enhanced Road Safety and Accident Prevention," 2025 International Conference on Computing and Communication Technologies (ICCCT), Chennai, India, 2025, pp. 1-7, doi: 10.1109/ICCCT63501.2025.11020146 .(Scopus Indexed)
2. Angel Barakka J., Niharika G.L.K., Jayaraj A, "The Intelligent Quantum-Resistant Zero-Knowledge Proof Algorithm (QRZ-KPA) for E- Voting Blockchain-Based Systems" 6th International

- Conference on Control Communication and Computing Iccc 2025 , Vol. (2025) , pp(**Scopus Indexed**)
3. Angel Barakka J., Joel Stelton M., Bhuvaneshwaran K., ...Prashana R, ” **Machine Learning Based Advanced Flood Warning Systems**” 2025 International Conference on Computing and Communication Technologies Icct 2025 , Vol .(**Scopus Indexed**)
 4. Saraswathy S.;Charu Nethra G.;Pradeepa Gandhi S.;Angel Barakka J.;Manickavasagan V “**Echolight: A Camera-Powered Voice-Assisted Aid for the Visually Impaired** “2025 International Conference on Computing and Communication Technologies Icct 2025 , Vol .(**Scopus Indexed**)
 5. Sathya T, Angel Barakka J, Valarmathi V, Berlinda A. J, Gayathiri Varsha. A. S and Divyadharshini K, "Assessment of Student Attentiveness in Classroom Environment Using Deep Learning," 2023 International Conference on Circuit Power and Computing Technologies (ICCPCT), Kollam, India, 2023, pp. 26-30, doi: 10.1109/ICCPCT58313.2023.10245194. .(**Scopus Indexed**)
 6. Angel Barakka J, Sujana B, Divyesh S, Rohit R” **Virtual Personal Assistant**” UGC Journal , Vol. (2024) , pp. k737-k741
 7. Angel Barakka J, Naresh G, Abdul Wahab J, Ganesh Ram M” **Reuse: Empowering Sustainable Fashion through a Preowned Clothes Marketplace and Recycling Platform**” International Journal For Multidisciplinary Research , Vol. Volume 6, Issue 2, March-April 2024 (2024) , pp
 8. Angel Barakka J, Joel Stelton M, Bhuvaneshwaran K, Prashana R” Flood Prophecy Using Machine Learning Algorithms” International Journal of Creative Research Thoughts(IJCRT) , Vol. 12 (2024) , pp. 9-17
 9. Angel Barakka J , Kailash G , Ganeshram G , Nagaraj G , Anishkumar S”A **Modified way of Event Management- -Heventus Midway**”International Journal of Innovative Research in Technology, April 2025| IJIRT | Volume 11 Issue 11 | ISSN: 2349-6002
 10. M. Anline Rejula; S. Jasmine Miniya; S. Gnana Sophia,J. Angel Barakka” **Decentralized water quality classification using federated learning with recurrent neural networks**” Water Quality Research Journal, Volume 60, Issue 1 1 February 2025

PATENT DETAILS

1. Published a Design Patent “**Artificial Intelligence Based Security for Cloud Computing**” on 26/07/2025
2. Published a patent “**An AI based Self Contrastive Learning(SAL) System for Image Processing**” on 19/10/2024.

CERTIFICATION

1. Certificate for Completion of Internship in “AR & VR with emphasis in unreal engines”
2. NPTEL Online certification on Principles of Management
3. NPTEL Online certification on Introduction to Internet of Things

NITTT MODULES

- Successfully completed all eight modules of the National Initiative for Technical Teachers Training (NITTT).

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