

Sri Sai Ram Engineering College

Department of Information Technology

Name: S.Anitha Jebamani	
Designation:	Associate Professor
Qualification:	M.Tech,Phd
Area of Specialization:	Information Technology
Experience:	Teaching:20.6Yr s. UG: - 19 Years PG: -1.6 Year
	Industry:- NIL
No. of workshop/Conferences/ FDP attended :	FDP/Workshop-35 CONFERENCE-22
Publication:	Journal National : -1 International:-4
	Conference National:1 International:-21

Research Guidance:-	Nil
Membership:	IAENG,IELISTE,IEEE
Achievements:	<p>1. Conducted Inter College Competition SkillSet in Association with ICT Academy, Got second place in Zone wise Competition in year 2019-2020</p> <p>2. Awarded “Best Faculty Advisor 2021” from ”The Institution of Engineers”(IEI) conducted by Adiyamaan College of Engineering on 2021</p> <p>3. Awarded “Best Faculty Advisor 2023” from ”The Institution of Engineers”(IEI) conducted by Adiyamaan College of Engineering on 2023.</p> <p>4. Awarded “Best Faculty Advisor 2024” from ”The Institution of Engineers”(IEI) conducted by Adiyamaan College of Engineering on 2024.</p> <p>5. Awarded as “Best III year Mentor 2025” conducted by Skill development club.</p> <p>6. Completed NPTEL Programming Domain in 2025</p>

Patent:

1. “MyGuiderApp” Published in July 2020.
2. “An IoT Based System to Track Feasible Business Model” Published in September 2022
3. ”Method and System for Task Scheduling in a Cloud Fog Network operating in space via computing Offloading” Published on 03rd May 2024.
4. ”Method And System For Task Scheduling In A Cloud-Fog Network Operating In Space Via Computing Offloading” published on : 03/05/2024
5. ”Study On Recent Healthcare Technologies Which Enhances Medical Innovations That Are Revolutionizing Global Healthcare And Its Impact Over Complex Diseases, Antibodies, Genetic Disorders and Digital Sphere”, Published on 10/05/2024.

Workshop/Conferences/FDP attended:

1. C# and .NET Framework - Conducted by Microsoft at Anna University
2. Open and Free Software - Conducted by IBM at Alpha College of Engineering
3. Cloud Computing - Conducted by Sri Sai Ram Engineering College
4. NS2 simulator - Conducted by Panimalar Engineering college
5. Mobile Application Development - Conducted by Jeppair Engineering College
6. Mobile Application Development - Conducted by Sri Sai Ram Engineering College
7. Grid & Cloud Computing - Conducted by CSE Dept, Valliammai Engg College
8. Data Center Virtualization Fundamentals - Conducted by ICT Academy of Tamil Nadu at Anand Institute of Higher Technology
9. PhP with MYSQL - Conducted by Anna University

10. Grid & Cloud Computing -Conducted by Sri Sai Ram Institute of Technology
11. Train the Trainer College -Conducted by NASSCOM in Sri Sai Ram Engineering
12. Applications of Artificial Intelligence In Industry 4.0 -Conducted by EIE of Sri Sai Ram Engineering College
13. Fundamentals of Machine Learning -Conducted by ICT Academy
14. Mobile Application Development -Conducted by ICT Academy
15. Artificial Intelligence-Atal FDP -Conducted by NITTR
16. Online Teaching and Learning Technology -Conducted by MNNIT
17. Data Science Industry Trends -Conducted by Panimalar Engineering College
18. Emerging Trends and Research Challenges in Next Generation -Conducted by Kongu Engineering College Wireless Networks
19. FDP on Inculcating Universal Human Values in Technical Education- AICTE-New Delhi
20. Workshop on ART OF RESEARCH- SRI SAIRAM INSTITUTE OF TECHNOLOGY
21. Workshop on Cloud Fog and Edge Computing Platforms for Industrial IOT- MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKAKASI
22. ATAL FDP-Online teaching and learning technologies- Motilal Nehru National Institute of Technology, Allahabad
23. Workshop Two Days Online National workshop on Edge computing and its applications- SSN College of Engineering
24. FDP on Machine Learning for Multidisciplinary Fields- SRM Institute of Science and Technology
25. FDP on Introduction to Internet of Things- NPTEL
26. International Webinar series-Emerging Trends in Computer Science and Technology- SRM Institute of Science and Technology, Ramapuram
27. FDP on Exploring Next Generation Smart Solutions SSN College of Engineering
28. FDP on Innovative and Exploring Ideas in Data Science- SRM Institute of Science and Technology
29. FDP Sponsored by ISTE on Renewable Energy Systems- Sri Sai Ram Engineering College
30. Workshop on Machine Learning-IIT Madras
31. FDP on Cloud, Fog and Edge Computing- NITTTR, Chandigarh
32. FDP on Data Analytics with Python for Media Applications- NITTTR
33. FDP on Exploring computational Intelligence in Deep learning:Emerging trends and Real time Application- Kamaraj College of Engineering & Technology
34. FDP on Web Development using Django- Kamaraj College of Engineering & Technology
35. FDP on OBE,Research Empowerment through Technology-KCG College of Technology

36. FDP on AI and Machine Learning Applications in Cyber Security-Sri Sai Ram Engineering College

PUBLICATION DETAILS:

CONFERENCES:

1. Jebamani, S. A., SC, R. K., Saraswathi, V., Varathan, N., Prasanth, K., & Lokesh, A. (2023, November). AR Upgraded Windshield. In 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE) (pp. 1-4). IEEE.
2. Jebamani, S. A., & Sathianesan, G. W. (2023, November). Modified Long Short Term Memory-Puzzle Optimization Algorithm for Task Offloading Prediction in Mobile Edge Computing. In 2023 9th International Conference on Smart Structures and Systems (ICSSS) (pp. 1-6). IEEE.
3. Jebamani, S. A., Devi, D., Saraswathi, V., Aishwarya, N., Rajesh, N., & Kalam, K. A. (2023, December). IoT Based Vehicle Tracking and Monitoring System Using Smart Application. In 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) (pp. 1-6). IEEE.
4. Jebamani, S. A., Saraswathi, V., Punitha, R., Nishali, S., & Pooja, R. (2024, April). Vehicular Assistance Using ML Algorithm. In 2024 International Conference on Communication, Computing and Internet of Things (IC3IoT) (pp. 1-6). IEEE.
5. Jebamani, M. S. A., Ragavi, M., Nivetha, K. (2023, April). Biometric Recognition Using EEG Signals And Controlling The Electrical Devices. In 2023 International Conference on Networking and Communications (ICNWC) (pp.1-6). IEEE.
6. Nithishkumar, S., Surya, T., Jebamani, S., Saraswathi, V., Shanmugasundaram, N. (2022, August). Soil Forecasting and Classification Using JSO and Intelligent Technique With Big Data on Crop Yield. In Proceedings of the International Conference on Intelligent Technologies in Security and Privacy for Wireless Communication, ITSPWC 2022, 14-15 May 2022, Karur, Tamilnadu, India.
7. Saraswathi, V., Jebamani, S. A., Devi, D. (2022, December). Implementation of Hyper Parameter Optimization in Liver Disease Prediction. In 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) (pp. 1-6). IEEE.
8. Jebamani, S. A., Varsha, S., Amothini, A., Samyukthaa, V. N., Ramanathan, M., Praneshvaran, K. (2022, November). Smart App For Hospital Management System. In 2022 1st International Conference on Computational Science and Technology (ICCST) (pp. 1-5). IEEE.
9. Jebamani, S. A., Punitha, R., Rajesh, N., Kavin, T., KUA, A. K. (2022, April). Books Tracking and Review Application. In 2022 8th International Conference on Smart Structures and Systems (ICSSS) (pp. 1-4). IEEE.
10. Prathibha, S., Bhavana, R., Raja, K. N., Kirthiga, M., Shyamkumar, M., Jebamani, A. (2021, December). Navigating Alert for Visually Impaired Using Computer Vision Aided System. In 2021 4th International

Conference on Computing and Communications Technologies (ICCCT) (pp. 564-569).IEEE.

11. Jebamani, S. A., Abhinaya, R., Abitha, B., Anushya, T. T. (2019, February). Toddler Tutelage Device. In 2019 3rd International Conference on Computing and Communications Technologies (ICCCT) (pp. 133-135). IEEE.
12. A Study of Mobile Edge Computing in AR/VR Applications Jebamani, S.A., Winster, S.G. 3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022.
13. Biometric Recognition Using EEG Signals And Controlling The Electrical Devices Ms Anitha Jebamani, M Ragavi, K Nivetha 2023 International Conference on Networking and Communications (ICNWC), 1-6
14. Ms.S.Anitha Jebamani, Ms.Rakshana, Ms.Pavithra “Tracking device for dementia patient” , Online International Conference on Information Communication and Networking held on April 9th and 10th 2021 in SRM eswari Engineering College.
15. Digital Solution to Intergrate Scholarship Scheme with Performance KVG S.Anitha Jebamani, Santhosh Kumar, R.SaranKumar National conference on Recent Trends in Computing and Technology (NCRTCT'18)
16. Boat Localization and Warning System, for Border Identification AJS Joshna Devi, R., Jayalakshmi, V., Divya Lakshmi, T Third International Conference on Innovation & Emerging Trends in Engineering
17. Jebamani, S. A., Punitha, R., Devi, D., Thiruvarunesh, M., & Akash, S. (2025, April). Theft Detection Using IoT and Image Processing. In 2025 International Conference on Computing and Communication Technologies (ICCCT) (pp. 1-6). IEEE.
18. Jebamani, S. A., & Aishwarya, N. (2025, April). Enhancing Bus Arrival Alert and Crowd Optimised Frequency. In 2025 International Conference on Computing and Communication Technologies (ICCCT) (pp. 1-6). IEEE.
19. Anitha Jebamani, S., Punitha, R., Saraswathi, V., Swathyraja, A., & Kaviyarasan, A. (2025, February). Speech to Text Recognition by Machine Learning. In International Conference on Computational Intelligence in Data Science (pp. 229-239). Cham: Springer Nature Switzerland.
20. Jebamani, A., Saraswathi, V., Gowtham, S., & Devaraj, N. (2024, November). Smart Safety Helmet for Mining Workers with Environmental Monitoring and Alert System. In 2024 2nd International Conference on Advances in Computation, Communication and Information Technology (ICAICCIT) (Vol. 1, pp. 936-940). IEEE.
21. Punitha, R., Saikrupa, P. A., Nandini, L., & Poojasri, G. (2024, October). Finwise—A Smart Investment Solution. In 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) (pp. 1-4). IEEE.

22. Jebamani, S. A., Pavithra, R., Dhiksha, S., & Jayasurya, M. D. (2024, October). Crop and Fertilizer Recommendations with Agriculture Waste Business Integration. In 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) (pp. 1-8). IEEE.

JOURNALS:

1. Joshna Devi.R, Jayalakshmi.V, Divya akshmi.T,Anitha jebamani.S “Smart Mobile App for Deaf-blindness Using Morse Code” International journal of electronics electrical and computational system(IJCMS) Joshna Devi.R,Jayalakshmi.V,Divyaakshmi.TSeptember2017
2. S.Anitha Jebamani “Authentication Security for Remote Services Based on DigitalCertificates” International Journal of Engineering Trends and Technology (IJETT) Volume 49 Year of publication 2017.
3. Ms.AnithaJebamani S,Mr.Aakash, Mr.Hemnath,”Child Labour Abasement Project(CLAP)”Test Engineering on May 2020.
4. Soundararaj, A. J., & Sathianesan, G. W. (2024). Task offloading scheme in Mobile Augmented Reality using hybrid Monte Carlo tree search (HMCTS). Alexandria Engineering Journal, 108, 611-625.
5. Boosted sooty tern and piranhav foraging meta-heuristic optimized cluster head selection-based routing algorithm for extending network lifetime in WSNs
6. Soundararaj, A. J., & Winster, G. (2025). Optimized Task Offloading with Energy Efficient Communication and Optimal Offloading Network: A Mobility and Energy-Efficient Approach for Augmented Reality in Mobile Edge Computing. Knowledge-Based Systems, 114431.

UGC Publications:

1. S.Susila Sakthy,P.Padma,S.Anitha Jebamani,Gowrishanger Ramoney “INTELLIGENT POWER THEFT CONTROL SYSTEM USINGDIGITAL ENERGY METER” Journal of Gujarat Research Society volume 21issue 17 on December 2019.
2. S.Anitha Jebamani,S.Susila Sakthy,S.Saiprashanthi,S.Sangitha, “SMART VOTING SYSTEM” Journal of Gujarat Research Society,volume 21issue 17 on December 2019.
3. Detection Of Fake Audio SA Jebamani, S Gomathi, S Prathibha, S Preetha Elementary Education Online 19 (4), 6813-6813.
4. Foot Ulcer For Diabetic Patients’ Assessment System S Prathibha, MKR Sarada, MSA Jebamani, R Shakthi, V Sindhuja, ...Ilkogretim Online 19 (2), 1882-1887

Book Chapter:

1. Published chapter titled “Targeting and Automation with Digital Analytics” in Management Analytics and Software Engineering,ESN Publications, India,ISBN:978-81-950305-5-2,2021
2. Published chapter titled “Geo Spatial Technology” in Recent trends in Engineering and Technology,Sri Sairam Engineering College,ISBN:978-8-19471-498-9
3. Published chapter titled Localization of IoT edge devices Jebamani, S.A., Winster, S.G. Internet of Everything: Smart Sensing Technologies, 2022, pp. 81–98
4. Rahamathunnisa, U., Mohanty, A., Sudhakar, K., Jebamani, S. A., Udendhran, R., & Myilsamy, S. (2024). Machine Learning and Deep Learning for Intelligent Systems in Small Aircraft Applications. In Handbook of Research on AI and ML for Intelligent Machines and Systems (pp. 251-275). IGI Global.
5. Karthikeyan, M. P., Anitha Jebamani, S., Umaeswari, P., Chitti Babu, K., Geetha, C., & Kirupavathi, S. (2024). Control of Autonomous Underwater Vehicles. Artificial Intelligence for Autonomous Vehicles, 209-227.

Book:

- Published a book in R Programming in Statistical Analysis in alpha international publication in 2023, book listed in Flikart

Achievements:

1. Awarded “Best Faculty Advisor 2023” from “The Institution of Engineers”(IEI) conducted by Adiyamaan College of Engineering on 2023.
2. Awarded “Best Faculty Advisor 2021” from “The Institution of Engineers”(IEI) conducted by Adiyamaan College of Engineering on 2021.
3. Conducted Inter College Competition SkillSet in Association with ICT Academy, Got second place in Zone wise Competition in year 2019-2020

Conference Reviewer:

1. Reviewer for 4th International Conference on Futuristic Trends in Networks and Computing Technologies (FTNCT-2021) on December 10-11, 2021 at Nirma University.
2. Reviewer for 4th International Conference on Computing and Communication Technologies (ICCCT'21) on December 16-17, 2021 at Sri Sai Ram Engineering College.
3. Reviewer for ICITS2024 on 15th and 16th April 2024 at Hindustan Institute of Technology.
4. Reviewer for Information Systems, Computer Science (ISC) Journal.
5. Reviewer for ICCCT2025 IEEE conference.

Online Certifications

- Got certified in PHP test organized by the Spoken Tutorial Project, IIT Bombay.
- Got certified in Big Data Integration and Processing, Big Data Modeling and Management Systems, Machine Learning With Big Data, Introduction to Big Data in Coursera.
- Completed NITTTR - 8 Modules conducted by AICTE.
- Completed NPTEL course in IoT, Data Mining, Introduction to Database Systems and Foundation on Cloud, IoT, Edge and ML, Java Programming, Data structures using java and programming in C++.
- Completed internship in Mern Stack development.
- Completed Programming Domain in NPTEL
- Completed Certification on Agile foundation using Jile in October 2018.

Events Organized:

1. Co-ordinator for Entrepreneurship Awareness Camp (EAC) that has been Organized for II and III year IT students from 12.3.18 to 14.03.18
2. Co-ordinator for Mini Project Expo-2018 that has been conducted on 20.3.18
3. Co-Ordinator for FDP in “AR/VR” for three days 27.05.2020 to 29.05.2020.

4. Co-ordinator for Webinar on Deep Learning conducted in Association with IEI on 27th Oct 2020 for IT department Students.
5. Co-ordinator for National Technical Symposium “Xtrefest 2.0” on 28th and 29th September 2020.
6. Co-ordinator for Ideathon Event organized by Sai Ram Robotic Club on 18th March 2021.
7. Co-ordinator for Boot camp organized by Sai Ram Robotic Club on 27th March 2021
8. Conducted seminar on Career Opportunities in Data Analytics & Data Science Industry on 10th May 2022
9. Conducted Workshop on Introduction to Machine Learning on 25th Nov 2022
10. Conducted Seminar on R Programming on 18th Nov 2022
11. Conducted Workshop on Mobile Application Development on 16th and 17th of Nov 2022
12. Conducted Workshop on SpringBoot on 25th and 26th May 2023
13. Conducted Webinar on Introduction to Machine Learning on 30th April 2021
14. Conducted Seminar on Gender Equality on 6th Feb 2023.
15. Conducted Seminar for II year orientation on 20th June 2024
16. Conducted Workshop for III Year in Cyber Security on 22nd and 23rd September.