Name & Photo :	N.RAMYA
Designation:	ASSOCIATE PROFESSOR
Qualification :	B.E., M.E., (Ph.D.,)
Area of Specialization :	Machine Learning , Deep Learning
Experience :	Teaching : UG: 16.1 PG : 0.6
	Industry : 1.4
No. Of Workshop / Webinar/ STTP/ FDP / Seminar Attended	03 / 18 / 09 / 42

Publication :	**Journals**
	   International : 33
	   National : 6

	Conferences
	   International : 16
	   National : 11

Membership in Professional bodies:	• Life Time Member Ship in International Association of Computer Society of India(CSI) • ISTE Membership • IEEE Membership(Senior Member)
Responsibilities :	• Acting as Dept Exam cell Coordinator • Acting as Class Coordinator for the batch 2023 – 2027 • Acting as NBA criteria 6 dept Incharge. • Acting SCOPE as Executor in UHV cell • Acted as Symposium Coordinator during 2017-2018 • Acted as Class Coordinator from 2014 – 2018, 2019 – 2023. • Acted as Project Coordinator(2018) & Mini-project Coordinator(2017)and organized Mini project Exhibition • Acted as ISO Staff Achievement Coordinator • Acted as Dept TNSCST coordinator. • Acted as Project Guide for the UG • Acting as a NBA Criteria 5 head - Staff Achievement file • Completed NITTT - All Modules

Achievements:	● Completed the certification course at IIT Roorkee in "Advanced Data Science and Artificial Intelligence". ● Received SIRD certificate. ● Received NPTEL Domain scholar in Data science. ● Received AICTE NITTT Certificate for All 8 Modules ● Certified as Microsoft Azure fundamentals (AZ900) from Microsoft ● Published paper in reputed International Journals, ● Presented papers in various National and International Conferences ● Completed many coursera courses successfully. ● Produced centum results in the following subjects: 1.Computer Programming 2.Software Engineering 3.Data structures 4. Compiler Design 5.Theory of Computation

Professional Experience:

Sl. No	College / Organization	Designation	Period	
			From	**To**
1.	Patni Computer System private Ltd	Software Engineer	21.03.2007	01.07.2008
2.	Karpaga Vinayaga College of Engineering and Technology	Lecturer	02.07.2008	30.06.2010
3.	Karpaga Vinayaga College of Engineering and Technology	Assistant Professor	02.07.2012	31.05.2013
4.	Sri Sai Ram Engineering College, Chennai.	Assistant Professor-I	05.06.2013	31.7.2024
5.	Sri Sai Ram Engineering College, Chennai.	Associate Professor	01.08.2024	Till date
Total Year of Experience (Till March 2026)			16 years 11 months	

Funded Project:

- Submitted a TNSCST proposal and grant release of **Rs.10,000**/- on the title "Heads up display in cars for accident prevention " for the academic year 2016 - 2017.
- Submitted TNSCST proposal on the title "DIABETES MELLITUS TRACKING SYSTEM USING IOT AND HYBRID NEURAL NETWORK" for the academic year 2022-2023.
- Submitted TNSCST proposal on the title "VEHICLE SECURITY SURVEILLANCE VIA NUMBER PLATE RECOGNITION USING CANNY EDGE DETECTOR AND OPTICAL CHARACTER RECOGNITION" for the academic year 2022-2023.
- Submitted TNSCST proposal on the title "FreshGrocer: Empowering Local Vendors and Shoppers with Online Geolocation Connectivity" for the academic year 2023-2024.
- Submitted TNSCST proposal on the title "BIBILIOTHECA - ONLINE BOOK STREAMING PLATFORM" for the academic year 2023-2024.
- Submitted TNSCST proposal on the title "Syncardia's Heart Monitoring for Rural Health Using AI and Iot" for the academic year 2024-2025.
- Submitted TNSCST proposal on the title "Vendors Management "for the academic year 2024-2025.

Patent Details:

- **Published and Granted** Indian patent on the innovation titled **"PREDICTING THE HARMFUL LEVEL OF CARBON EMISSION IN VEHICLES USING MACHINE LEARNING WITH SENSOR SYSTEM"** (**Application No. 548277**) on **21/08/2024** at Intellectual Property India Patent.
- Filed and Published Indian patent on the innovation titled "Artificial Intelligence Based Automatic Smart Healthcare System For Prediction And Prevention Of All Types Of Heart Disease And Possibilities Of Cardiac Arrest For All Ages Of People Using Image Processing, Data Mining And Deep Learning Algorithms" **(Application No.202321003451 A) on 27/01/2023** at Intellectual Property India Patent.
- Filed and Published Indian patent on the innovation titled "Artificial Intelligence and Iot Based Smart Agriculture Management System for Efficient Irrigation and Crop Monitoring Using Machine Learning Algorithms" **(Application No. No.202311044154 A) on 21/07/2023** at Intellectual Property India Patent.
- Filed and Published Indian patent on the innovation titled "Artificial Intelligence-Based Knowledge Evolutionary Process For Optimization Decision Support And Personalized Recommendation In E-Commerce Using Machine Learning Algorithms" **(Application No.202441030296 A) on 19/04/2024** at Intellectual Property India Patent.
- Filed and Published Indian patent on the innovation titled "AI-Driven Smart Energy Metering System for Real-Time Consumption Analysis and Optimization Using IoT and Machine Learning Algorithms" **(Application No.202441076278 A) on 18/10/2024** at Intellectual Property India Patent.

Book Chapter:

- Published a Book Chapter titled in "Streamlined Fusion-Driven CNN for Tuberculosis Segmentation and Classification" in Advances in Synthetic Healthcare Data: Opportunities, Challenges, and Emerging Trends published by IGI Global Scientific Publishingon 2026.

- Published a Book Chapter titled in "Blockchain-Based Security Protocols for Smart Contracts: Enhancing Trust and Resilience" in Quantum Protocols in Blockchain Security published by IGI Global on 2025.

- Published a Book Chapter titled in "Artificial Intelligence in Cataract Diagnosis and Management With Its Future Directions" in Responsible AI for Digital Health and Medical Analytics published by IGI Global on 2025.

- Published a Book Chapter titled in "Alzheimer's disease prediction using inceptionresnet integrating deep learning models" in Deep generative models for integrative analysis of alzheimer's biomarkers published by IGI Global on 2025.

- Published a Book Chapter in Handbook of Management Analytics and Software Engineering, Chapter 22-Employee Capability and Recruitment Channel Analytics, ESN Publication, ISBN:978-81-950305-5-2 on **30.01.2021** and also received an Award of Honour & Recognition.

- Published a Book Chapter tilted in The Future of Marketing using Artificial Intelligence, Book Publication, E- ISBN:978-93-91373-12-2 on **26th June 2021.**

Committee Member:

- Acted as a **Scientific Committee Member** in the International Conference on Emerging Electrical Systems and Control, Sethu Institute of Technology, on 06th -07th May, 2021.

- Acted as a **Scientific Committee Member** in the 2nd International Virtual Conference on IOT and Intelligent Apps 2021, Institute for Engineering Research and Publication (IFERP), on 28th - 29th October, 2021.

- Acted as **Scientific Committee Member** in the International Conference on International Conference on Recent Advances in Engineering and Computer Applications -2023 (ICRAECA-2023), LJ School of computer Applications, - 14th & 15th July 2023**.**

Honor & Award:

- Received "**Best Young Researcher Award in GMRAF AWARDS 2021**" organized by Global, Multidisciplinary Research & Academic Foundation, chennai.

- Received "**Best Faculty Award in CTC AWARDS 2021**" organized by Chennai Teachers Club, chennai.

- Received "**CSI Best Innovative Project Award 2023**" organized by CSI –Kancheepuram Chapter, Chennai.

- Received NPTEL Mentor certificate for online certification course during July-Dec 2024.

- Received appreciation certificate as NPTEL DISCIPLINE STAR during JAN -APR 2024 organized by NPTEL.
- Received "Top 58 mentors of ATL Tinkerpreneur 2024" organized by Atal Innovation Mission.
- Received "Top 100 mentors of ATL Tinkerpreneur 2023" organized by Atal Innovation Mission.
- Received "Top performing 50 mentors of ATL Tinkerpreneur 2022" organized by Atal Innovation Mission.

Event Organized:
- Acted as a Coordinator for Five Days Hands on Training on Java Essentials held on 21.09.2020 – 25.09.2020 @ 07.00 PM to 8.00 PM
- Acted as a Coordinator for a Webinar on Coding Training in C Programming held on 04.02.2021 – 06.02.2021 @ 10.30 AM to 12.00 PM
- Acted as one of the coordinators for Five Days Hands on Training on Python held on 5.10.2020 – 09.10.2020.
- Organized and Coordinate Five Days Faculty Development Program on "Innovative and Exploratory Ideas in Data Science" on 2.1.2023 to 6.1.2023.
- Acted as one of the Workshop coordinator for the Orientation programme "C Programming Future Ready Engineers" held on 26.05.2023 to 02.06.2023.

Publications: International / National Journals

- Published a book chapter "Streamlined Fusion-Driven CNN for Tuberculosis Segmentation and Classification" November 2025 ,DOI: 10.4018/979-8-3373-5641-9.ch014 Advances in Synthetic Healthcare Data. 2026
- Published a book chapter "Artificial intelligence in cataract diagnosis and management with its future directions" Publication: AI, Numerical Optimization, IoT and Blockchain for Healthcare 4.0 https://doi.org/10.1049/PBHE065E_ch9 2025. **Scopus Indexed**
- Published a paper "CataractCLSNet: Adaptive GAN-Based Image Augmentation for Cataract Segmentation and Classification Model using Deep Learning with Attention Mechanism" Department of Data Science and Business Systems, School of Computing SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu 603203, India) International Journal of Image and Graphics .**Scopus Indexed 2025**
- Published a book chapter" Blockchain-Based Security Protocols for Smart Contracts: Enhancing Trust and Resilience. Quantum Protocols in Blockchain Security. Blockchain Technologies. Springer, Singapore. https://doi.org/10.1007/978-981-96-9148-7_15. **Scopus Indexed 2025**.
- Published a book chapter on "Alzheimer's disease prediction using inceptionresnet integrating deep learning models." *Deep generative models for integrative analysis of alzheimer's biomarkers*. IGI Global, 2025. 415-432. **Scopus Indexed**.

- Published a paper on "Fisherman Location Store, Updating, and Alert System using Cloud AWS with Satellite," *2024 International Conference on Electronic Systems and Intelligent Computing (ICESIC)*, Chennai, India, 2024, pp. 69-74, doi: 10.1109/ICESIC61777.2024.10846275. **Scopus Indexed**.

- Published a paper on "Intelligent Wardrobe Management System: An AI Driven Approach for Automated Outfit Selection and Wardrobe Organization," *2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)*, Chennai, India, 2024, pp. 1-5, doi: 10.1109/IC3IoT60841.2024.10550259. **Scopus Indexed**.

- Published a paper on "Utilizing Decision Tree,SVM And KNN Algorithms For Optimal Speed Detection And Control With Superior Accuracy," *2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)*, Chennai, India, 2024, pp. 1-6, doi: 10.1109/IC3IoT60841.2024.10550240. **Scopus Indexed**.

- Published a paper on "An Ensemble of Deep Transfer Learning Frameworks for Automatic Tuberculosis Detection in Chest X-Ray Images. ICCIDS 2024. IFIP Advances in Information and Communication Technology, vol 717. Springer, Cham. https://doi.org/10.1007/978-3-031-69982-5_29. **Scopus Indexed**.

- Published a paper on "FreshGrocer: Empowering Local Vendors and Shoppers with Online Geolocation Connectivity," *2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)*, Chennai, India, 2023, pp. 1-6, doi: 10.1109/ICCEBS58601.2023.10449285. **Scopus Indexed**.

- Published a paper on "BookCave – Online Book Streaming Platform Based On Web Application," *2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)*, Chennai, India, 2023, pp. 1-6, doi: 10.1109/ICCEBS58601.2023.10449171. **Scopus Indexed**

- Published a paper on "Fake News Prediction in Hindi and English Robust Transformer Model," *2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, Chennai, India, 2023, pp. 1-5, doi: 10.1109/ICSES60034.2023.10465437. **Scopus Indexed**

- Published a paper on "Detection of Malicious Messages from Mobile Computing Devices Using NLP and Slack Integration," *2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, Chennai, India, 2023, pp. 1-6, doi: 10.1109/ICSES60034.2023.10465341. **Scopus Indexed**

- Published a paper on "Detection Of Diabetic Retinal Pathogen Using Deep Learning" 2022 IEEE International Conference on Data Science and Information System (ICDSIS), IEEE, **DOI:** 10.1109/ICDSIS55133.2022.9915991. **Scopus Indexed**

- Published a paper on "Crypto-currency price prediction using machine learning" 2022 6th International Conference on Trends in Electronics and Informatics (ICOEI), IEEE, **DOI:** 10.1109/ICOEI53556.2022.9776665. **Scopus Indexed**

- Published a paper on "Diabetic Retinopathy Detection Through Feature Aggregated Generative Adversarial Network 2022" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040451 **Scopus Indexed**

- Published a paper on "An Automated Vehicle Tracking System Using Haar-Cascade Classifiers and Optical Character Recognition Engine" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040346 **Scopus Indexed**

- Published a paper on "Detection of Pneumonia by Binary Image Classification Using Hybrid Neural Networks" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040346 **Scopus Indexed**

- Published a paper on "Home Automation Monitoring and Controlling with BCI Comparative Analysis" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040346 **Scopus Indexed**

- Published a paper on "Breast Cancer Invasive Carcinoma Detection Using Deep Convolution Neural Networks" AIP Conference Proceedings 2464, 060006 (2022); https://doi.org/10.1063/5.0082646 **Scopus Indexed**

- Published a paper on "Dealing with claustrophobia using virtual reality" AIP Conference Proceedings 2464, 060007 (2022); https://doi.org/10.1063/5.0082647 **Scopus Indexed**

- Published a paper on "SPED-Net: Speech emotion detection network" AIP Conference Proceedings 2464, 060004 (2022); https://doi.org/10.1063/5.0082645 **Scopus Indexed**

- Published a paper on "Sales upsurge system" AIP Conference Proceedings 2464, 060002 (2022); https://doi.org/10.1063/5.0082649 Scopus Indexed

- Published a paper on "A Novel Approach For Early Prediction Of Melanoma Using Deep Cnn Techniques" Europian Chemical Bulletin,2023

- Published a paper on "A Second User Automotive Value Prediction System for Consumer's Purchasing Using Machine Learning Approach" Recent Trends in Artificial Intelligence & It's Applications, e-ISSN: 2583-4819,Volume-2, Issue-3 (September-December, 2023),MAT Journals(AICTE Journal)

- Published a paper on "IMATE-Intelligent Mobility Assistance Technology for Visually Challenged" Recent Trends in Artificial Intelligence & its Applications Published on 2022-04-19 Volume-1, Issue-1 (January-April, 2022) https://doi.org/10.46610/RTAIA.2022.v01i01.003 Page 17-21 MAT Journals 2022 (AICTE Journal)

- Published a paper on "Online Book Rental System" Research and Applications of Web Development and Design Published on 2022-04-19 Volume-5, Issue-3 (15.12.2022, 2022) https://doi.org/10.5281/zenodo.7442198 ,HBRP Publication 2022 Page : 17-24 (AICTE Journal)

- Published a paper on "LEARN360 – The Student Learning and Management System" Journal of Innovations in Data Science and Big Data Management Published on 2022-04-19 Volume-1, Issue-3 ((September-December, 2022) ,HBRP Publication 2022 Page : 1-6 (**AICTE Journal**)

- Presented a paper on "Detection and identification of pancreatic cancer using probabilistic neural

network**"** in Smart Intelligent Computing and Communication Technology, 2021, 38, pp. 273–277, DOI: 10.3233/APC38. **Scopus Indexed**

- Presented a paper on **"**Delineation of lung tumor with neural networks**"** in Smart Intelligent Computing and Communication Technology, 2021, 38, pp. 268–272, DOI: 10.3233/APC38. **Scopus Indexed**

- Presented Paper titled, "Real Time Non-Invasive Continuous Glucose Monitoring Using AI**",** in 2020 International Conference on Power, Energy , Control and Transmission Systems (ICPECTS), IEEE Xplore on 09.02.2021, DOI: 10.1109/ICPECTS49113.2020.9336965 **Electronic ISBN:**978-1-7281-1084-4 **Print on Demand(PoD) ISBN:**978-1-7281-1101-8

- Published paper titled "Automatic Age Estimation And Majority Age Classification From Multi Factorial MRI Data" ,Studies in Indian Place Names , ISSN: 2394-3114 Vol 40 issue 3 (s1) February 2020 **(UGC JOURNAL)**

- Published paper titled "Composition Top-Rank Webpage Exhortation In Counting Duplicate Query" ,Studies in Indian Place Names , ISSN: 2394-3114 Vol 40 issue 3 (s1) February 2020 **(UGC JOURNAL)**

- Published paper titled **"**Inspecting The Social Networks Based On Eccentric Behavior Of User**" ,Think India ,** ISSN: 0971-1260 , Vol-22-Issue-2-April-June-2019 **(UGC JOURNAL)**

- Published paper titled **"**A New Biometric Atm System With Representation Of Arbitary-Sized Face Authentication**" ,Think India ,** ISSN: 0971-1260 , Vol-22-Issue-2-April-June-2019 **(UGC JOURNAL)**

- Published paper titled," Biometric authentication to ensure security in epassports, Published in Proceedings of the 2018 International Conference On Communication, Computing and Internet of Things, IC3IoT 2018 , Date Added to IEEE *Xplore***:** 18 March 2019.

- Published paper titled" Retina the real time interactive solution for visually impaired", International Journal of Engineering & Technology Website: www.sciencepubco.com/index.php/IJET. International Journal of Engineering & Technology, Vol 7, No 2.33 (2018), Special Issue 33 ,Pg.No :597-599.**.**

- Published paper titled " Land forgery, black money rotation with genuine authentication using big data", International Journal of Engineering & Technology Website: www.sciencepubco.com/index.php/IJET. International Journal of Engineering & Technology, Vol 7, No 2.33 (2018), Special Issue 33 ,Pg.No : 575-579.

- Published paper titled, "Agile Agronomic Approach To Achieve Precision Agriculture using Machine Learning", International Journal of Science and Innovative Engineering & Technology(IJSIET) Volume 1,May 2018, ISBN No. 978-81-923607-3-7.

International Conferences :

- Presented a paper titled on "Diabetic Retinopathy Detection Through Feature Aggregated Generative Adversarial Network 2022" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040451 organized by Sri SaiRam Engineering College, Chennai held on 9th-10th November 2022

- Presented a paper titled on " An Automated Vehicle Tracking System Using Haar-Cascade Classifiers and Optical Character Recognition Engine " 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040346 organized by Sri SaiRam Engineering College, Chennai held on 9th-10th November 2022

- Presented a paper titled on " Detection of Pneumonia by Binary Image Classification Using Hybrid Neural Networks" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040346 organized by Sri SaiRam Engineering College, Chennai held on 9th-10th November 2022

- Presented a paper titled on " Home Automation Monitoring and Controlling with BCI Comparative Analysis" 1st International Conference on Computational Science and Technology, ICCST 2022 10.1109/ICCST55948.2022.10040346 organized by Sri SaiRam Engineering College, Chennai held on 9th-10th November 2022.

- Presented a paper titled, "Detection and Identification of Pancreatic Cancer using Probabilistic Neural Network", 4th International Conference on Intelligent Computing (IconIC) held on 26th & 27th March 2021.– Organised by Panimalar engineering College , Chennai.

- Published a International paper tilted in The Future of Marketing using Artificial Intelligence, organized by the Global Multidiscisplinary research & Academic Foundation , rganiz on 26th June 2021 .

- Presented a paper titled, "DELINEATION OF LUNG TUMOR WITH NEURAL NETWORKS", 4th International Conference on Intelligent Computing (IconIC) held on 26th & 27th March 2021.– Organised by Panimalar engineering College , Chennai.

- Attended 3rd International virtual conference on "Engineering Challenges" rganized by Gulf Countries, Institution of Engineers , Kuwait Chapter, 22.1.2021

- Presented Paper titled, "Real Time Non-Invasive Continuous Glucose Monitoring Using AI", VIRTUAL IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS-2020) during December 10-11, 2020.

- Presented Paper titled," One Day Virtual International Conference on Advancement in Research and Innovation in Computer Science and Engineering and Information Technology" By CSI Allahabad Chapter On 19-12-2020.

- Presented Paper titled," Automatic Age Estimation and Majority Age Classification from Multi-Factorial MRI Data",2nd International Conference on Computational Science and Technology(ICCST 2020),in association with Computer Society of India &Institute of Engineers organized by Dept of CSE, Sri

SaiRam Engineering College, Chennai held on 5th-6th March.

- Presented Paper titled**,"** Biometric authentication in offices using iris based recognition**",**2nd International Conference on Computational Science and Technology(ICCST 2020),in association with Computer Society of India & Institute of Engineers organized by Dept of CSE,Sri SaiRam Engineering College, Chennai held on 5th-6th March.

- Presented Paper titled**,"** Composition Top-Rank Webpage Exhortation In Counting Duplicate Query**",**2nd International Conference on Computational Science and Technology(ICCST 2020),in association with Computer Society of India & Institute of Engineers organized by Dept of CSE,Sri SaiRam Engineering College, Chennai held on 5th-6th March.

- Presented Paper titled " Biometric Authentication To Ensure Security in E – Passports", International Conference on Communication, Computing & Internet of Things(IC3IoT'18) sponsored by IEEE Madras Section and IEEE Communications Society, Organized by the Department Of ECE, Sri Sairam Engineering College, 15th to 17th February 2018**.**

- Presented Paper titled " Agile agronomic approach to achieve precision agriculture using machine learning", International Conference on Contemporary Engineering and Technology Organized by Organization of Science and Innovative Engineering & Technology in association with Prince shri venkateshwara padmavathy engineering college, prince Dr K.Vasudevan college of engineering rganiz on 10th & 11th March 2018.

- Presented Paper titled, "Wiggling through Complex Traffic", International conference on Computational Science and Technology, organized by dept of CSE, Sri SaiRam Engineering College, 9th and 10th March 2017**.**

National Conferences :

- Presented a paper titled, "Early Prediction of Diabetic Retinopathy using Retinal Fundus images**"**, 2nd National Conference on Smart Innovations in Communications and Computing" (NCSICC'19) – Organised by Dept of CSE, Sri Sairam Engineering College, Chennai on **24th March, 2021.**

- Presented a paper titled, "Pancreatic cancer detection using Probabilistic Neural Network**"**, 2nd National Conference on Smart Innovations in Communications and Computing" (NCSICC'19) – Organised by Dept of CSE, Sri Sairam Engineering College, Chennai on **24th March, 2021.**

- Presented a paper titled, "Detection of Breast Cancer with Deep Convolution Neural Networks**"**, 2nd National Conference on Smart Innovations in Communications and Computing" (NCSICC'19) – Organised by Dept of CSE, Sri Sairam Engineering College, Chennai on **24th March, 2021.**

- Presented a paper titled, "Diabetes Disease Prediction Using Machine Learning**"**, 2nd National Conference on Smart Innovations in Communications and Computing" (NCSICC'19) – Organised by Dept of CSE, Sri Sairam Engineering College, Chennai on **24th March, 2021.**

- Attended the national virtual conference on "EMERGING DEMANDS OF FINANCIAL PLANNING FOR GROWTH OF BUSINESS & INDUSTRY" rganized by Indian Institute Of Business Management, Patna,23.1.2021

- Presented Paper titled "A New Biometric ATM With Representation Of Arbitary-Sized Face Authentication" National Conference on Smart Innovations in Communications and Computing (NCSICC'19)- 5 th March,2019.

- Presented Paper titled "Inspecting The Social Networks Based On Eccentric Behavior Of The User"National Conference on Smart Innovations in Communications and Computing (NCSICC'19)- 5 th March,2019.

- Presented Paper titled, " IMATE – Intelligent Mobility Assistance Technology for Visually Challenged " , National Conference on Smart Innovations in Communications and Computing (NCSICC'18) – Organised by Dept of CSE, Sri Sai Ram Engineering College Chennai on 27th March 2018.

- Presented Paper titled, "Retina –The Real Time Interactive Solution for Visually Impaired", National Conference on Smart Innovations in Communications and Computing (NCSICC'18) –Organised by Dept of CSE,Sri Sai Ram Engineering College Chennai on 27th March 2018.

- Presented Paper titled ,"Automative Cooperation For Intelligent Transportation System Using ZIGBEE In Vehicular AD_HOC Networks", National conference on Recent Issues in Network Galaxy-RING, organized by dept of CSE, R.M.D. Engineering college, 4thApril 2017.

- Presented Paper titled" Analysis of Node Isolation Attack against OLSR Based MANET" National Conference organized by Aksheyaa College of Engineering 22nd Feb 2013.

FDP, WORKSHOP, SEMINARS		
Name of the Programme	**Organized by**	**Date**
FDP on "5 Days Online FDP on Agentic AI "	SCOPE, at Vellore Institute of Technology,Chennai.	27/01/2026 to 31/01/2026
FDP on "Future of AI and Automation in Research "	Sri Sairam Engineering College	26.05.2025 to 30.5.2025
ATAL FDP on "AI and Quantum Computing:Glimpsing the Near Future"	Sri Sairam Engineering College	20/01/2025 to 25/01/2025
FDP on Open Source Technologies : Shaping the Future of Software Development	Sri Sairam Engineering College	23.12.2024 to 28.12.2024
FDP on "Ignite Entrepreneurship course	Wadhwani Entrepreneur Network, Wadhwani Foundation	23.05.2024 - 05.07.2024
6-day Online FDP UHV-II	All India Council for Technical Education (AICTE)	16.10.2023 to 21.10 2023
FDP on "Deep Learning Case Studies"	Christ (Deemed to be university), Yeshwanthpur Campus, Bangalore	25.10.2023 and 31.10.2023
Emerging Research Trends in Block chain & Data Science	Dr.M.G.R Educational and Research Institute	8.5.2023 to 12.5.2023

Deep Learning	AICTE NPTEL	JAN 2023 –APR 2023
Hands-on Training on Data Science Tools	Sri Sairam Engineering College - ISTE	23.1.2023 to 28.1.2023
Innovative and Exploratory ideas in Data Science	Sri Sairam Engineering College	02.01.23 to 06.01.23
Cyber Crime and Forensic Tools	AICTE- NITTTR Chandigarh	23.5.2022 - 27.5.2022
Trainers Training on Entrepreneurship	Vellaichamy Nadar Polytechnic College, Virudhunagar,	9.5.2022 - 15.5.2022
Next Generation Computing : Key Trends, Challenges and Opportunities	SRM Institute of Science & Technology, Ramapuram	18-04-2022 to 23-04-2022.
Artificial Intelligence in Healthcare	Sri Sairam Engineering College	21.2.2022 - 25.2.2022
Research advancement in Intelligent Computing Technologies	Sri Krishna College of Engineering and Technology	19.12.22 to 23.12.22
Communication and Computation	Dr.MGR Educational and Research Institute	13.12.2022 to 17.12.2022 & 19.12.2022
Advanced Techniques in Computing Sciences and Applications	Saveetha College of Liberal Arts and Sciences. SIMATS.	19.11.2022 to 23.11.2022
Data Science Tools	SRM Easwari Engineering College	07.10.2022 to 20.10.2022
CS8391 - Data Structures	Karpagam College of Engineering, Coimbatore	20.6.2022 to 25.6 2022.
Insights and Open Challenges in Computing Technologies	Sri sairam Engineering College	11.7.2022 TO 15.7.2022
FDP-AI-Diving in IOT&Computer Vision	JSPM'S Rajarshi Shanhu College of Engineering, Maharashtra	17.01.2022 -22.01.2022
FDP-Artificial Intelligence in Health Care	Sri Sairam Engineering College	21.02.2022-25.02.2022
FDP-Recent Trends in Research	SRM University of Science&Technology- Vadapalani Campus	09.02.2022-10.02.2022
Webinar - Immunizing Cyber Security	University College of Engineering, Thirukkuvalai	12.01.2022
NITTT module 4 -Instructional Planning and Delivery	AICTE - National Initiative for Technical Teachers Training	SEPTEMBER 2021
WORKSHOP on Deep Learning Networks for Image Processing	IEEE India Council	22.12.2021 - 23.12.2021
FDP-AI-Natural Language Processing	University College of Engineering Kakinada (A)	29.11.2021 - 03.12.2021
FDP - Augmented Reality/Virtual Reality and its applications	Sri Sairam Engineering College	04.10.2021 - 08.10.2021
Webinar - Challenges and Opportunities in Urban Sanitation	Sri Sairam Engineering College	06.08.2021

WORKSHOP - Big Data Analytics in Cloud Computing using Python Programming	Annamalai University	09.07.2021 - 10.07.2021
FDP - International FDP Progresses in Computer Science and its Applications	Vels Institute of Science Technology and Advanced Studies	09.07.2021 - 14.07.2021
STTP - Full Stack AI and Deep Learning Practitioner Approach	Koneru Lakshmaiah Education Foundation, Andhra Pradesh	07.06.2021 - 19.6.2021
FDP - Applied Deep Learning & AI for Medical Data Analysis	EduxLabs - E-cell IIT Hyderabad	16.6.2021 - 27.6.2021
FDP - Applied Deep Learning & Computer Vision for Image & Video Analysis	EduxLabs - E-cell IIT Hyderabad	1.6.2021 - 15.6.2021
FDP - Inculcating Universal Human Values in Technical Education	AICTE	28.06.2021 - 02.07.2021
National webinar on "Scene Understanding using Deep Learning	Sri Sivasubramaniya Nadar College of Engineering	10.4.2021
National Level FDP - Medical Image Processing using Artificial Intelligence	Easwari Engineering College	22.3.2021 to 26.3.2021
International FDP - Practical Probabilistic modelling using Deep Learning	St.Xavier's Catholic college of Engineering	09.3.2021 and 11.3.2021
FDP - Essentials of Outcome Based Education	Dr. M.G.R. Educational and Research Institute	15.03.2021 - 19.03.2021
FDP - Virtual Reality and Augmented Reality	Guru Nanak College	08.03.2021 to 11.03.2021
Microsoft AI Classroom Series	NASSCOM	09.03.2021
STTP - Speech and Image Processing using Deep Learning Techniques	Annamalai University	03.03.2021 - 09.03.2021
STTP-Big Data Analytics in Genetics	SRM Institute of Science and Technology	22.02.2021 - 27.02.2021
Online Training Programme(STTP) - LabVIEW Programming	National Institute of Technical Teachers Training and Research,chennai	15.02.2021 to 19.02.2021
FDP - Teaching Learning Methods Towards Outcome Based Education	Velammal Institute of Technology	10.02.2021 - 23.02.2021
ATAL FDP - Cloud Computing	National Institute of Technical Teachers Training and Research.	08-2-2021 to 12-2-2021
ATAL FDP -Stress-Management	GOVERNMENT COLLEGE OF ENGINEERING - SRIRANGAM.	1-2-2021 to 5-2-2021
STTP - Internet of Things (IoT) with Blockchain - Applications and Challenges	Velalar College of Engineering and Technology, Erode	01.02.2021 - 06.02.2021
FDP - Six Sigma for Industrial Projects	MHRD Institution Innovation Council, Sri Sairam Engineering College	01.02.2021

WEBINAR on "Demystifying Patents"	CBIT - School of Management Studies	30.1.2021
WEBINAR on "Copyright is an intellectual property"	SRI SAIRAM ENGINEERING COLLEGE	28.1.2021
International WORKSHOP on "Automatic Speech Recognition(IWASR 2021)	SRM Institute of Technology	18.1.2021 to 20.1.2021
WEBINAR-35th Indian Engineering Congress	The Institution of Engineers	18.12.2020-20.12.2020
AICTE-ISTE Sponsored One Week Induction / Refresher programme on "Role of ICT in Teaching-Learning Process"	Sanjivani College of Engineering , Maharashtra	14.12.2020 to 19.12.2020
National FDP - Redefining The role of teachers	Sri Kanyaka Parameswari Arts and Science College for Women	13.12.2020
STTP-Cybersecurity And Blockchain Technology	Sanjivani College Of Engineering, Kopargaon	07.12.2020 - 12.12.2020
AICTE - FDP - Cutting Edge Trends in Deep Learning Approaches	Kongu Engineering College	07.12.2020 - 12.12.2020
Atal FDP-Data Sciences	Sri Krishna College Of Engineering And Technology	07.12.2020 To 11.12.2020
Faculty Industry Training Programme(STTP) - Emerging Trends and scope in Data Sciences	SRM Institute of Technology	23.11.2020 to 4.12.2020
STTP-Supervised And Unsupervised Machine Learning Using Google Cloud	R.M.K. College Of Engineering And Technology.	16.11.2020 - 21.11.2020
WEBINAR-NEP -2020Challenges in Implementation	Sri Krishnadevaraya Institute of Management(SKIM)	20.11.2020
WEBINAR-Quantitative Data Analysis In R Using STATCRAFT	Sri Sivasubramaniya Nadar College Of Engineering	11.11.2020
WEBINAR-Social Media in the age of Artificial Intelligence	St.Aloysius College, Mangaluru	11.11.2020
International WEBINAR-Full Stack Development	Srm Valliammai Engineering College	07.11.2020
National Level WEBINAR on Pedagogical Innovations of the 21st century	CSI , kancheepuram Chapter	07.11.2020
Atal FDP-IOT	Governments Engineering College, Rajkot	02.11.2020 To 06.11.2020
FDP-Research Perspectives In Machine Intelligence And Computing	Sri Sairam Institute Of Technology	27.10.2020 To 31.10.2020
WEBINAR-IEEE Benefits To Research Community	Srinivas University,Karnataka	23.10.2020
AICTE-ONLINE SHORT TERM PROGRAMMING-Zero-Shot Learning By Convex Combination of Semantic Embeddings	Sri Krishna College Of Engineering & Technology, Coimbatore	12.10.2020-25.10.2020
STTP-Building Intelligent Applications With Deep Learning Using Pytorch	Rajalakshmi Institute Of Technology	05.10.2020 To 10.10.2020
Aicte-Online Short Term Programming-Big Data Analytics	Vels University	21.09.2020-26.09.2020
Atal FDP-Data Sciences	Erode Sengunthar Engineering College	07.09.2020 To 11.09.2020
FDP-Data Science	Rajalakshmi Institute Of Technology	24.08.2020 To 28.08.2020
International FDP-Insight And Trend In Data Analytics	Karpagam College Of Engineering	21.08.2020 To 26.08.2020

WEBINAR-It's Time To Talk- An Interactive Session - Women On Common Life Stress&How To Manage Them	Sri Sairam Engineering College	01.08.2020
FDP-Blue Chips Of The Current Industry - ML And Big Data	Sathyabama Institute Of Science And Technology	30.07.2020 To 04.08.2020
FDP-A Journey With Entrepreneurs	Sathyabama Institute Of Science And Technology	29.07.2020 To 04.07.2020
WEBINAR -R&D Proposal Writing For Faculties	Sri Sairam Engineering College	12.06.2020
WEBINAR -Recent Advancements In AI,IOT & Data science	B.S.Abdur Rahman Crescent Institute Of Science & Technology	08.06.2020-12.06.2020
Seminar-Virtual Power Seminar-Oracle Db,Query & Trends	Kings Engineering College , Chennai	08.06.2020
FDP-Big Data Engineering	Kings Engineering College , Chennai	01.06.2020 To 05.06.2020
FDP-Arduino	Kings Engineering College , Chennai	01.06.2020 To 05.06.2020
Virtual Session On Research &Post Doctoral Fellowship Opportunities In Foreign Universities	Sri Sairam Engineering College	29/5/2020
FDP -Data Science Using Python	Jeppiaar Institute Of Technology	18/5/2020 To 22/5/2020
FDP - Cs6701 Cryptography And Network Security	Panimalar Institute Of Technology	11/5/2020 To 15/5/2020
WEBINAR On "E-Learning Tools For Empowering Quality Of Education"	Saveetha School Of Management, Saveetha Institute Of medical And Technical Sciences(SIMATS),	13/5/ 2020.
FDP - "Machine Learning For Beginners",	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY In Association With Indian Servers.	9/5/2020
FDP -Python 3.4.3	Sathyabama Institute Of Science And Technology,-Iit Bombay Spoken Tutorial	04.05.2020 To 08.05.2020
FDP - Recent Trends In Information,Computing,Communication And Teaching Methodology Competency	Sri Sairam Engineering College - Dept CSE,ECE &IT	04/5/2020 To 17/5/2020

International FDP - Develop The Ability To Write Research Proposal	Adarsh Group Of Institutions, AIMIT,KARNATAKA	24/4/2020
WEBINAR - Recent Trends In Computer Science	St.Joseph College,Trichy	24/4/2020 & 25/4/2020
WEBINAR - Season 1-Technology For Future Design -	Ict Academy - Skycampus	9/4/2020 To 18/4/2020
FDP -R	Adhiparasakthi Engineering College-IIT Bombay Spoken Tutorial	Jan 2020
FTP On State Of The Art Technologies In Information Security	Anna University(CEG Campus) Chennai	02/12/2019 - 06/12/2019