


SRI SAI RAM ENGINEERING COLLEGE,CHENNAI-44

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name & Photo :	 <p>R.Sharmikha Sree</p>
Designation:	Assistant Professor
Qualification :	M.Tech, (Doing Ph.D.-SRM University)
Area of Specialization :	Cloud Computing, Cyber Security, Big Data
Experience :	Teaching : UG: 14.5 yrs PG :-
	Industry :-
No. of workshop / Conferences / FDP attended :	140
Publications :	Journal International: 41
	Conference National: 10 International: 36
	Indexed SCI : 1 WOS : 1 SCOPUS : 28 Others : 10
	Book Chapter:5 Book:2
	Patents: Published : 7 Granted : 1
Membership in Professional bodies:	<ul style="list-style-type: none"> ● Life Member, International Association

	<ul style="list-style-type: none"> of Engineers member, IAENG ● ISTE Membership ● One Year IEEE Membership ● Member in Institute for Engineering Research and Publication (IFERP)
Responsibilities :	<ul style="list-style-type: none"> ● Acted as Class Coordinator(2013-2017),(2018-2022),(2022-2026) ● Acted as Symposium Coordinator ● Acted as Project & Mini-project Coordinator,Live-in-Lab ● Acted as Dept IIC MHRD co-ordinator ● Acting as ISO Student File Coordinator,Class Committee Meeting File ● Dept website coordinator,Dept Gate Coordinator,Dept PALS coordinator ● Acting as a NAAC Criteria 5, Higher Studies File incharge in department
Achievements:	<ul style="list-style-type: none"> ● Secured University Gold Medal in M.Tech ● Published paper in reputed International Journals, ● Presented papers in various National and International Conferences ● Certified Microsoft Azure Trainer from TCS ● Producing 90 to 100% results

PROFESSIONAL EXPERIENCE:

Sl. No	College / Organization	Designation	Period	
			From	To
1	Sri Sai Ram Engineering College, Chennai	Assistant Professor-III	01.08.2012	Till Date

POSTER PRESENTATION:

Presented a paper “Forensic Investigation Analysis in Cloud Computing Environments” in DPRC-2022,held on 24th - 26th March 2022 at SRM Institute of Science and Technology, Kattankulathur-603 203, Tamil Nadu, INDIA.

BOOK CHAPTER:

1. Published a Book Chapter in Machine Learning and Cryptographic Solutions for Data Protection and Network Security, “**Chapter 4 - Utilizations of AI in Cryptography: A Study**”, IGI Global, June 2024, ISBN: 978-1-032-38517-4, DOI: 10.4018/979-8-3693-4159-9.ch004, pg: 44-52 (3rd Author) <https://www.igi-global.com/chapter/utilizations-of-ai-in-cryptography/348601>

2. Published a Book Chapter in “**Management Analytics and Software Engineering**” Handbook of Management Analytics and Software Engineering, Chapter 22-Application of Digital Analytics to Create Business Value, ESN Publication, ISBN: 978-81-950305-5-2 on 30th January 2021 and also received an Award of Honour & Recognition.

3. Published a Book Chapter in Recent Trends in Engineering and Technology, Chapter 4 - Detection and Prevention of XSS Attack, Sri Sairam Engineering College Publisher, APRIL 2021. ISBN: 978-8-1947149-8-9 (Third Author)

4. Published a Book Chapter in Healthcare Industry 4.0 - Computer Vision-Aided Data Analytics, **Chapter 6 - COVID-19 Alert Zone Detection Using OpenCV**, CRC Press, Taylor & Francis Group, September 2023, ISBN: 978-1-032-38517-4, DOI: 10.1201/9781003345411, pg: 65 (1st Author) <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003345411-6/covid-19-alert-zone-detection-using-opencv-sharmikha-sree-meera>

5. Published a Book Chapter in Healthcare Industry 4.0 - Computer Vision-Aided Data Analytics,, **Chapter 4 - Secured Data Dissemination in a Real-Time Healthcare System**, CRC Press, Taylor & Francis Group, September 2023, ISBN: 978-1-032-38517-4, DOI: 10.1201/9781003345411, pg: 91 (2nd Author) <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003345411-4/secured-data-dissemination-real-time-healthcare-system-meera-sharmikha-sree-dinesh-kumar-kalpana-valarmathi>

BOOK:

1. Published a book “Artificial Intelligence with Machine Learning” in Shanlax Publications on Nov, 2022. ISBN: 9789395422468. (4th author)
2. Published a book “Foundations of Data Science” in Charulatha Publications on 2023. ISBN: 9789355775085. (3rd author)

PATENT DETAILS:

1. Patent Grant on “**Cloud Based Water Usage Monitoring And Control Device**”, Patent Number : 469904-001 Filing Date-16/08/2025 (4th Author)
2. Filed and Published Indian Patent on “**Deep Learning-Powered Intelligent Video Analytics System for Real-Time Surveillance and Threat Detection in Public Spaces**” (Application No.202441098831) on 20.12.2024. (8th Author)
3. Filed and Published Indian Patent on “**AI-Enhanced Real-Time Water Distribution Management System for Smart Cities Using IoT and Machine Learning**” (Application No.202421074359) on 01.11.2024. (10th Author)

4. Filed and Published Indian patent on the innovation titled **“CHALLENGE OPERATING SYSTEM”** (Application No.202141002167 A) on 22/01/2021(Third Author)
5. Filed and Published Indian patent on the innovation titled **“APP VIVNA”** (Application No.20211008667 A) on 12.03.2021(First Author)
6. Filed and Published Indian Patent on **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.202321003451A) on 17.01.2023.(Eighth Author)
7. Filed and **Published** Indian Patent on **“Artificial Intelligence and Multi-feature Fusion Based Structural Deep Neural Network for Predicting Answer Time on Stack Overflow using Deep Learning Algorithms”** (Application No.202341060546A) on 06.10.2023.(10th Author)

COMMITTEE MEMBER:

1. Acted as Scientific Committee Member at the International Conference on Science, Technology, Engineering and Mathematics 2.0 (ICRSTEM- 2023) organised by Jansons Institute of Technology, Coimbatore with Institute for Engineering Research and Publication (IFERP), held on 04th May, 2023.
2. Acted as Scientific Committee Member at the International Conference on Innovations and New Product Development Through Smart Technologies (ICINPDST-2023) organized by Jansons Institute of Technology, Coimbatore with Institute for Engineering Research and Publication (IFERP) held on 06th May, 2023.
3. Acted as Session Chair & Reviewer in the 1st International Conference on Computational Science & Technology (ICCST 2022), Sri Sairam Engineering College on 09.11.2022 and 10.11.2022.
4. 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.
5. 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.
6. Acted as Session Chair & Reviewer in the Second National Conferences NCSICC'21 on Mar 24 2021 organized by CSE Dept, Sri Sai Ram Engineering College.
7. Acted as Scientific Committee Member at the International Conference on Recent Innovations in Science, Engineering and Technology (ICRISET- 2023) organized by Jansons Institute of Technology, Coimbatore with Institute for Engineering Research and Publication (IFERP) held on 05th May, 2013.

PANEL MEMBER:

1. Acted as a Panel Member for Hack Riot, Sri Sairam Engineering College on 24.04.2023.
2. Acted as Judge for the event “Fusion of Tech and Tales” conducted by NDLI Club held on 29.02.2024.

REVIEWER:

1. Acted as Reviewer for IEEE International Conference on Communication, Computer, and Information Technology (IC3IT-2025) organised by Mysuru Royal Institute of Technology, Mandya, India on 24th and 25th October, 2025.
2. Acted as Reviewer for International Conference on Intelligent Computing and Knowledge Extraction (ICICKE - 2025) organized by School of Engineering and Technology, CMR University, Bengaluru on 6th and 7th June, 2025.
3. Acted as Reviewer for 4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics(ICDCECE-2025),25-26 April 2025 organized by Ballari Institute of Technology and Management,Ballari.
4. Acted as Reviewer for 2nd IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2024)organised by Sharnbasva University, Kalaburagi,Karnataka on 22nd and 23rd November, 2024.
5. Acted as Reviewer for 7th International Conference on Recent Trends in Advanced Computing (ICRTAC'24) organised by VIT, Chennai on 14th and 15th November, 2024.
6. Acted as Reviewer for IEEE International Conference on Software, Systems and Information Technology (SSITCON-2024) organised by Sri Siddhartha Institute of Technology, Tumakuru on 18th and 19th October, 2024.
7. Acted as Reviewer for IEEE International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC 2024) organised by Sri Krishna Institute of Technology, Bangalore on 20th and 21st September, 2024.
8. Acted as Reviewer for 2nd IEEE International Conference on Data Science and Network Security (ICDSNS - 2024) organised by Kalpataru Institute of Technology, Tiptur on 26th and 27th July, 2024.
9. Acted as Reviewer for 6th International Conference on Recent Trends in Advanced Computing (ICRTAC 2023) organized by School of Computer Science and Engineering, VIT, Chennai on 14th and 15th December, 2023.
10. Acted as Reviewer for the International Conference on Evolutionary Algorithms and Soft Computing Techniques(EASCT- 2023) organized by R V Institute of Technolgy & Management,Bengaluru on 20th and 21th December, 2023.
11. Acted as Reviewer for Journal of Cyber Security in Computer System 11 December, 2023.
12. Acted as Reviewer for Journal of Cyber Security in Computer System 1 November, 2023. Acted as Reviewer for IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON 2023) organized at NITTE Meenakshi Institute of Technology, Bengaluru on 1st and 2nd September, 2023.
13. Acted as Reviewer for 7th International Conference on Computer, Communication and Signal Processing (ICCCSP 2023) organized by Sri Sivasubramaniya Nadar College of Engineering, Chennai.
14. Acted as Reviewer for First International Conference on Data Science and Network Security (ICDSNS - 2023) organized by Kalpataru Institute of Technology, Tiptur 28th and 29th, July 2023.
15. Acted as Reviewer for Journal of Cyber Security in Computer System on 28 June, 2023.
16. Acted as Reviewer for IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC 2023) organised by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad, 16th and 17th June, 2023.
17. Acted as a Sub-Reviewer for the paper "An Ensemble Approach to Hostility Detection in Hindi Tweets" in ICCSP 2023
18. Acted as Reviewer for IEEE International Conference on Networks, Multimedia and

Information Technology (NMITCON 2023) organised at NITTE Meenakshi Institute of Technology, Bengaluru on 1st and 2nd September, 2023.

19. Acted as Reviewer for 7th International Conference on Computer, Communication and Signal Processing (ICCCSP 2023) organized by Sri Sivasubramaniya Nadar College of Engineering, Chennai.
20. Acted as a Reviewer for the IEEE Technically Sponsored First International Conference on Computational Science & Technology[ICCST 2022] held on 9th and 10th Nov 2022.
21. Advancement of Computer Technology and its Applications 9.8.23
22. Recent Trends in Information Technology and its Application 26.9.23
23. Acted as a Reviewer in Journal of Advancement in Software Engineering & Testing 7.12.23

EDITORIAL BOARD MEMBER:

1. Acted as an Editorial Board member at HBRP Publication for the Journal of Network Security and Data Mining on 11 January, 2023.
2. Acted as an Editorial Board member at MAT Publication for the Journal's Journal of Intelligent Decision Technologies and Applications and Journal of Sensor and Cloud Computing on 10 January, 2024.
3. Acted as an Editorial Board member at HBRP Publication for the Journal's Recent Trends in Information Technology and its Application and Journal of Advancement in Software Engineering and Testing on 26 September 2023.
4. Acted as an Editorial Board member at HBRP Publication for the Journal of Advancement in Software Engineering & Testing on 12th August, 2023.
5. Acted as an Editorial Board member at MAT Journals for the Journals Journal of Research & Reviews: Machine Learning and Cloud Computing and Journal of Cyber Security in Computer System on 19th February, 2022.

QUESTION PAPER SETTER:

1. Acted as Scruter - Question Paper Scrutiny in Prince Shri Venkateshwara Padmavathy Engineering College on 20.04.2023
2. Acted as Scruter - Question Paper Scrutiny in Sri Sairam Engineering College on Nov/Dec 2022..
3. Acted as University Question Paper Setter for the subject, Cyber Forensics-20CSEL502, Nov/Dec 2022 in Sri Sai Ram Engineering College.

APPRECIATION CERTIFICATE:

1. Successfully Completed NPTEL-Data Base Management System,Secured 52% Jul-Sept 2024.
2. Mentorship ATL Tinkerpreneur 2024
3. Successfully Completed NPTEL-Cloud Computing,Secured 69% Jan-Apr 2024.
4. Received Proctor Certificate from IEEE by 29-Oct-2023.
5. Successfully Completed NPTEL-Internet of Things,Secured 82%.
6. Received NPTEL-Top Mentoring for the subject Cloud Computing Jan-Apr 2023.
7. Received First Prize in Project Award in Solveathon 1. O 2022.
8. Received Certificate in Cyber Security on Microsoft CyberShikshaa for Educators Program held from 03 Aug 2022 to 12 Aug 2022 at ICT Academy.
9. Received Appreciation certificate for mentee skillrack performance on 27/12/2021 organized by Skill Development Club of Sri Sairam Engineering College @ VRR Hall.

AWARD:

Received GMRAF Young Faculty Excellence Award on 13.03.2021

PROPOSAL:

1. Submitted a proposal in NRDC National Meritorious Invention Awards on the title Automated Irrigation System and Detection of Nutrient Content in Soil by the Students Abishek Prasad G.V., Monish S for the academic year 2020 - 2021.

2. Submitted a proposal for Unnath Nharath Niyan - Atmanirbhar Bharat Project in the title Automated Irrigation System and Detection of Nutrient Content in the soil using IOT Sensors, Zigbee and Raspberry PI Technology by the Students G.V.Abishek Prasad S.Monish for the academic year 2020 - 2021.

EVENT ORGANISED:

1. Acted as organizer for Synsara'25.
2. Acted as Technical Advisor for Inforculture Fiesta - 6 hours Hackathon Sparks Innovation and Collaboration organised by NDLI Club, Sri Sairam Engineering College, held on 08.04.2024.
3. Acted as an Organizer for FDP on Integrating Generative AI and Prompt Engineering in Academia held on 26.12.2023 to 29.12.2023.
4. Acted as Trainer for Workshop on C Programming Orientation Programme held on 26.05.2023 - 02.06.2023.
5. Acted as a Coordinator for Webinar on 'C' The EverGreen Language held on 06.05.2020, 08.05.2020 and 11.05.2020 @ 6.30 PM to 8.00 PM.
6. Acted as a Coordinator for Awareness Programme on Swachh Bharat Abniyan - Online Quiz conducted by ECO AND SWACHH BHARAT CLUB on 03.12.2020 @12.00 PM to 12.30 PM.
7. 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.
8. 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.
9. Acted as a Coordinator for Workshop on Getting Started with AI/ML in association with Lema Labs held on 17.03.2021@1.45 PM.
10. Acted as a Coordinator for Workshop on Entrepreneurship and Innovation as Career Opportunity on 17.12.2020@11.00 AM.

11. Acted as one of the coordinators for Five Days Hands on Training on Python held on 5.10.2020 - 09.10.2020
12. The Department of IT is conducting MICROSOFT PHILANTHROPY CSR PROGRAM ON CYBER SECURITY in Association with ICT Academy for 60 final year students of IT,CSE,ECE,EEE from 07.11.2022 to 25.11.2022 by our trainers Ms.V.Narmadha/IT,Ms.R.SharmikhaSree/CSE,Mr.K.Gopi/ECE,Mr.K.Rajkumar/EEETraining.

PUBLICATIONS:

INTERNATIONAL JOURNALS

1. **Sharmikha Sree R**, Meera S, Kirithika B, Pavitra J, Ranjeetha R B published a paper titled “**Facial Skin Recognition Technology Applied For Personalized Skincare Products**” in the 2025 International Conference on Computing and Communication Technologies (ICCCT) organized by Sri Sairam Engineering College between 16th and 17th April, 2025, DOI: <https://doi.org/10.1109/ICCCT63501.2025.11019533>, Jun 2025. **Scopus**.
2. **Sharmikha Sree R**, Meera S, Sanjai V, Parthasarathi C, Daramoni Harish, Ashish S published a paper titled “**Melanoma Cancer Detection System**” in the 2025 International Conference on Computing and Communication Technologies (ICCCT) organized by Sri Sairam Engineering College between 16th and 17th April, 2025, DOI: <https://doi.org/10.1109/ICCCT63501.2025.11019182>, Jun 2025. **Scopus**.
3. **Sharmikha Sree R**,published a paper titled “**Secure Vote:Revolutionising Democracy Through Blockchain Technology**”in the 2025 International Conference on Computing and Communication Technologies (ICCCT) organized by Sri Sairam Engineering College between 16th and 17th April, 2025, DOI: <https://doi.org/10.1109/ICCCT63501.2025.11019182>, Jun 2025. **Scopus**.
4. **Meera S**, **Sharmikha Sree R**, Mokshika T, Srilakshmi P published a paper titled “**Vertebrae Landmark Detection And Scoliosis Assessment Using Deep Learnings**” by Image and Vision Computing, Elsevier, 2024, <https://doi.org/10.1016/j.imavis.2024.2839>. **Scopus**.
5. **Sharmikha Sree R**,Dr.K.Raja published a paper titled “**Optimizing Forensic Analysis and Security in Cloud Environments Through Game Theory Optimized Recursive GRU Model and Blockchain Technology**” by IEEE-2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) 2024,[10.1109/ICPECTS62210.2024.10780398](https://doi.org/10.1109/ICPECTS62210.2024.10780398), Published in 12 December 2024.**Scopus**.
6. Meera S, **Sharmikha Sree R**,published a paper title “**Traffic Rules Violation Detection**”,IEEE-2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS),Published in 12 December 2024.**(Scopus)**
7. **R. Sharmikha Sree**, S. Meera Published a paper on “**Machine Learning-Based Fake News Detection**” by HBRP Publication, Journal of Advances in Computational Intelligence Theory, Volume 6 Issue 1, DOI: <https://doi.org/10.5281/zenodo.10560744>, pg: 38-42, 2024,

Google Scholar.

8. R. Deepika, R. A. Kalpana, **R. Sharmikha Sree**, S. Meera Published a paper on “**Fog Assisted Computing Architecture for Healthcare IOT**” by HBRP Publication, Recent Trends in Cloud Computing and Web Engineering, Volume 5 Issue 3 DOI: <https://doi.org/10.5281/zenodo.8207698>, pg: 11-16, 2023, **Google Scholar**.
9. R. Deepika, S. Meera, **R. Sharmikha Sree**, R. A. Kalpana, K. Valarmathi Published a paper on “**Handwriting Identification System using Machine Learning**” by HBRP Publication, Recent Trends in Cloud Computing and Web Engineering, Volume 5 Issue 3 DOI: <https://doi.org/10.5281/zenodo.8207810>, pg: 8-14, 2023, **Google Scholar**.
10. Dinesh Kumar S, S. Meera, **R. Sharmikha Sree**, R. Deepika, R. A. Kalpana Published a paper on “**Real-Time Parkinson’s Disease Detection**” by Journal of Xi’an University of Architecture & Technology, Volume XV, Issue 11, DOI: <https://doi.org/20.19001/JXAT>, pg: 24-28, 2023, **Google Scholar**.
11. S.Meera, **R.Sharmikha Sree**, Dinesh Kumar S, Sarath Kumar J, Adithya Harish Iyer, Krishnamurthy C, Akilan R Published a paper on “**A Third Eye for Visually Impaired**” by 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) **DOI: [10.1109/ICCEBS58601.2023.10448652](https://doi.org/10.1109/ICCEBS58601.2023.10448652)**, Pg: 23-25, Dec 2023, **Scopus**.
12. Sharmikha Sree R, **Meera S**, Kavya K K, Harina P Published a paper on “**Dormitory Management System**” by 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) **DOI: [10.1109/ICCEBS58601.2023.10449199](https://doi.org/10.1109/ICCEBS58601.2023.10449199)**, Pg: 23-25, Dec 2023, **Scopus**.
13. Sharmikha Sree R, **Meera S**, Nithish Kumar S, Niranjana Kumar S K, Karthikeyan S V, Jaya Kumar S Published a paper on “**Remote Plant Disease Diagnosis**” by 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) **DOI: [10.1109/ICCEBS58601.2023.10449052](https://doi.org/10.1109/ICCEBS58601.2023.10449052)**, Pg: 23-25, Dec 2023, **Scopus**.
14. Chandrasekaran D K, S.Meera, **R.Sharmikha Sree**, Sathish N, Balakrishnan K Published a paper on “**Squad Help – An Emotion based Music Player**” by 2023 International Conference on Computer Communication and Informatics (ICCCI) DOI:<https://doi.org/10.1109/ICCCI56745.2023.10128528>, Pg: 23-25, Jan 2023, **Scopus**.
15. S.Meera, **R.Sharmikha Sree** Published a paper on “**A Growth System Based on Zigbee and IoT for Agriculture**” by HBRP Publication, Research and Applications of Web Development and Design, Volume 6 Issue 2 DOI: <https://doi.org/10.5281/zenodo.7847952>, Pg: 7-21, Apr 2023, **Google Scholar**.
16. **Sharmikha Sree R**, Meera S, “**Hostel Management**” by 2022 1st International Conference on Computational Science and Technology (ICCST),ISBN: 978-1-6654-7655-3, DOI: <https://doi.org/10.1109/ICCST55948.2022.10040481>, Nov 2022 **Scopus Indexed**.
17. **R.Sharmikha Sree**,Dr.K.Raja published a paper on “**A Review on Forensic Investigation Analysis in Cloud Computing Environments**” by 2022 1st International Conference on Computational Science and Technology (ICCST),ISBN: 978-1-6654-7655-3, DOI:

10.1109/ICCST55948.2022.10040387, Nov 2022 **Scopus Indexed**.

18. **S. Meera, R. Sharmikha Sree, "Animal Detection Alert System"** by 2022 1st International Conference on Computational Science and Technology (ICCST) , ISBN: 978-1-6654-7655-3, DOI: <https://doi.org/10.1109/ICCST55948.2022.10040337>, pg: 538-542, Nov 2022 **Scopus Indexed**.
19. **R.Sharmikha Sree** published a paper on **"Smart Lampadaire System With Water Sensor"** by 2022 1st International Conference on Computational Science and Technology (ICCST), ISBN: 978-1-6654-7655-3, DOI: 10.1109/ICCST55948.2022.10040387, Nov 2022 **Scopus Indexed**.
20. **S.Meera,R.Sharmikha Sree** Published a paper on **"Improving Data and Identity Privacy in Online Social Networks"** by HBRP Publication, Journal of Network Security and Data Mining, Volume 5 Issue 3 DOI: <https://doi.org/10.5281/zenodo.7421748>.-**Google Scholar**
21. **R. Sharmikha Sree,S. Meera** published a paper on **"An Integration of Various Virtual Environments to Overcome Claustrophobia using Virtual Reality"**, 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC) DOI: 10.1109/ICAAIC53929.2022 9-11 May 2022 **Scopus Indexed**.
22. **S. Meera, R. Sharmikha Sree, R. Deepika, R. A. Kalpana, A. Ganga, N. Ramya** published a paper on **"SPED-Net: Speech Emotion Detection Network"**, Proceedings of the 1st International Conference on Modern Functional Materials (ICMFM 2021), AIP Conference Proceedings 2464, Pg: 060004-1–060004-4, <https://doi.org/10.1063/5.0082645>, Published Online: 26 May 2022 **Scopus Indexed**.
23. **R. Sharmikha Sree, S. Meera, R. Deepika, R. A. Kalpana, N. Ramya, A. Ganga** published a paper on **"Dealing with claustrophobia using virtual reality"**, Proceedings of the 1st International Conference on Modern Functional Materials (ICMFM 2021), AIP Conference Proceedings 2464, Pg: 060007-1 to 060007-5, <https://doi.org/10.1063/5.0082647>, Published Online: 26 May 2022.**Scopus Indexed**.
24. **R. A. Kalpana, R. Sharmikha Sree, S. Meera, N. Ramya, R. Deepika, A. Ganga, M. Kiruthiga Devi** published a paper on **"Sales Upsurge System"** Proceedings of the 1st International Conference on Modern Functional Materials (ICMFM 2021), AIP Conference Proceedings 2464, Pg.: 060002-1 to 060002-5, <https://doi.org/10.1063/5.0082649>, Published Online: 26 May 2022.**Scopus Indexed**
25. **Meera S, Sharmikha Sree R, Manasvini S R, Haritha V** published a paper on **"Object Detection for Visually Challenged using Image Processing"** in 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT), Conference Date: 10 - 11 March, 2022, Published on: 12 May 2022, IEEE Xplore, 10.1109/IC3IOT53935.2022.9767982 **Scopus Indexed**.
26. **Meera S, Sharmikha Sree R** published a paper on **"Market Basket Analysis for Designing a Product Placement Layout in Retail Shop"** in Journal of Research & Reviews: Machine Learning and Cloud Computing, January - April 2022; Volume: 1 (Issue

1); Page: 1 - 9, DOI: <https://doi.org/10.46610/RRMLCC.2022.v01i01.001> **Other Journal**.

27. **Sharmikha Sree R**, Meera S published a paper on "**Online Automated Library for Reading Books**" in Journal of Research & Reviews: Machine Learning and Cloud Computing, January - April 2022; Volume: 1 (Issue 1); Page: 10 - 14, DOI: <https://doi.org/10.46610/RRMLCC.2022.v01i01.002> **Other Journal**.
28. **Sharmikha Sree R**, Meera S, Sukavanesh L, Sriram R, Priyadarshini S published a paper on "**Implementation of Blind Trolley using IoT**" in ilkogretim Online - Elementary Education Online, 2021; Volume: 20 (Issue 1); Page: 5200 - 5208, DOI: 10.17051/ilkonline.2021.01.555, **UGC Indexed** .
29. Meera S, **Sharmikha Sree R**, Kalpana R A, S. R. Manasvinii, Haritha V, Valarmathi K published a paper on "**IOT Based Weather Reporting System using Arduino and Node MCU**" in Smart Intelligent Computing and Communication Technology, Advances in Parallel Computing, IOS Press, Page: 209 - 213, 2021, DOI: 10.3233/APC38.ISBN: 978-1-64368-202-0 **Scopus Indexed** .
30. **Sharmikha Sree R**, Meera S, Deepika R, Divya S, Priyadarshini V S published a paper on "**Automatic Bridge Monitoring System using IOT**" in Smart Intelligent Computing and Communication Technology, Advances in Parallel Computing, IOS Press, Page: 209 - 213, 2021, DOI: 10.3233/APC38, ISBN: 978-1-64368-202-0. **Scopus Indexed** .
31. Kalpana R A, **Sharmikha Sree R**, Meera S, Ganga A, Shashwenth M, Vishnupriyan P, Barath M S Published Paper on "**Precognition of Content by Interpreting Human Language into Computer Automated Data Processing**" in IEEE Xplore on 13-14 May 2021 3rd International Conference on Signal Processing and Communication (ICPSC), DOI: [10.1109/icspc51351.2021.9451807](https://doi.org/10.1109/icspc51351.2021.9451807), ISBN:978-1-6654-2864-4 Page: 445 - 449. **Scopus Indexed**.
32. Meera S, **Sharmikha Sree R**, Sohna K, Roopika R, Manasvinii S R published a paper on "**Heart Care Claims Pre Processing System**" in ilkogretim Online - Elementary Education Online, 2020; Volume: 19 (Issue 2); pp. 2066 - 2075. DOI: doi: 10.17051/ilkonline.2020.02.696791 **UGC Indexed** .
33. M. Maheswari, S. Meera, **R. Sharmikha Sree**, R. A. Kalpana published a paper on "**Prostate Cancer Discernment**" in 2020 International Conference on Power, Energy , Control and Transmission Systems (ICPECTS), IEEE Xplore on 09.02.2021, DOI: 10.1109/ICPECTS49113.2020.9337027, ISBN:978-1-7281-1084-4 Conference Date: 10-11 Dec, 2020 .**Scopus Indexed**.
34. Abishek Prasad G V, **R. Sharmikha Sree**, S. Meera, R. A. Kalpana presented a paper on "**Automated Irrigation System and detection of Nutrient Content in the Soil**" in 2020 International Conference on Power, Energy , Control and Transmission Systems (ICPECTS), IEEE Xplore on 09.02.2021, ISBN:978-1-7281-1084-4 DOI: 10.1109/ICPECTS49113.2020.9337027, Conference Date: 10-11 Dec, 2020 .**Scopus Indexed**.

35. **R. Sharmikha Sree**, S. Meera, K. Valarmathi, J.K.Periasamy Published paper titled **“Integrated Ambulance service with advanced Real time Traffic Control systems”**, International Journal of Engineering and Advanced Technology (IJEAT),DOI: [10.35940/ijeat.A2954.109119](https://doi.org/10.35940/ijeat.A2954.109119) ISSN 2249-8958. Volume 9 Issue -1 ,October 2019.**Scopus Indexed.**
36. S. Meera, **R. Sharmikha Sree**, K. Valarmathi Published paper titled **“Effective shopping method for visually Impaired people using Optical Character Recognition ”**, International Journal of Engineering and Advanced Technology (IJEAT),DOI: [10.35940/ijeat.A2961.109119](https://doi.org/10.35940/ijeat.A2961.109119) ISSN 2249-8958. Volume 9 Issue -1 ,October 2019 .**Scopus Indexed.**
37. **Sharmikha Sree R**, [2] Arulmozhi A, [3]Gayathri K, [4]Nithya priya R, [5] Manikandan SPublished paper titled **“Integration of RFID Scanning and Multi Account Payment System Using Zigbee in IoT”** ,International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Vol 6, Issue 7, July 2019. **UGC JOURNAL**
38. Published paper titled **“Dam Water Level Monitoring And Flood Control Using IOT”**,“International Journal Of Science And Innovative Engineering & Technology (IJSIET)” Volume 1 May issue 2018, ISBN No. 978-81-923607-3-7.
39. S. Meera, **R. Sharmikha Sree**, R. Deepika, R.A. Kalpana Published paper titled **“Multitudinous of remedial medical image using stationary wavelet transform”**,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 : 583-587. DOI: [10.14419/ijet.v7i2.33.14840](https://doi.org/10.14419/ijet.v7i2.33.14840) Published on: 08-06-2018. **Scopus Indexed.**
40. R. Deepika, R. A. Kalpana, S. Meera, **R. Sharmikha Sree** Published paper titled **“Advanced Toll Plaza Monitoring by Utilization of WSN Modules”**, International Journal of Engineering & Technology, 7(3.34) 2018 P.No 168-171.[VOL 7 NO 3.34 \(2018\): SPECIAL ISSUE 34. DOI: 10.14419/ijet.v7i3.34.18939](https://doi.org/10.14419/ijet.v7i3.34.18939) .Published on: 01-09-2018. **Scopus Indexed.**

INTERNATIONAL CONFERENCES

1. Presented Paper on **“Contactless Dementia Detection System”**at the 2026 International Conference on Technology and Management for Sustainable Development(ICTMSD-26) organized on 6th and 7th February 2026 by the Department of Management Studies,Sri Sairam Engineering College, Chennai, Tamilnadu, India.
2. Presented Paper on **“Electchain : Reinventing Democratic Elections With Blockchain”**at the 2026 International Conference on Technology and Management for Sustainable Development(ICTMSD-26) organized on 6th and 7th February 2026 by the

Department of Management Studies, Sri Sairam Engineering College, Chennai, Tamilnadu, India.

3. Presented Paper on **“Detection and Prevention of Keylogger Attacks”** at the 2026 International Conference on Technology and Management for Sustainable Development (ICTMSD-26) organized on 6th and 7th February 2026 by the Department of Management Studies, Sri Sairam Engineering College, Chennai, Tamilnadu, India.
4. Presented Paper on **“AD-GPT4 Assisted Anomaly Detection For Optimizing Load Balancing In Network Traffic** in the 2026 International Conference on Technology and Management for Sustainable Development (ICTMSD - 26) organized by Sri Sairam Institute of Management Studies between 6th and 7th Feb, 2026.
5. Presented Paper on **“LEMDA-based Kolmogorov-Arnold Network model for the Detection of Cyber Attacks’** at the 4th International Conference on Applied Artificial Intelligence and Computing (ICAAIC 2025) organized by S P Sarathy Institute of Technology on Dec 17-19 2025, Salem .
6. Presented Paper on **“Facial Skin Recognition Technology Applied For Personalized Skincare Products”** in the 2025 International Conference on Computing and Communication Technologies (ICCCT) organized by Sri Sairam Engineering College between 16th and 17th April, 2025, DOI: <https://doi.org/10.1109/ICCCT63501.2025.11019533>, Jun 2025. **Scopus**.
7. Presented Paper on **“Melanoma Cancer Detection System”** in the 2025 International Conference on Computing and Communication Technologies (ICCCT) organized by Sri Sairam Engineering College between 16th and 17th April, 2025, DOI: <https://doi.org/10.1109/ICCCT63501.2025.11019182>, Jun 2025. **Scopus**.
8. Presented Paper on **“Secure Vote: Revolutionising Democracy Through Blockchain Technology”** in the 2025 International Conference on Computing and Communication Technologies (ICCCT) organized by Sri Sairam Engineering College between 16th and 17th April, 2025, DOI: <https://doi.org/10.1109/ICCCT63501.2025.11019182>, Jun 2025. **Scopus**.
9. Presented Paper on **“Enhanced IP Trace System Using Blockchain Integrity”** Conference on Advances in Communication Networks & Systems (COACONS 2025) organized by SRM Institute of Science & Technology, between 26th and 27th March 2025.
10. Presented Paper on **“Vertebrae Landmark Detection And Scoliosis Assessment Using Deep Learnings”** by Image and Vision Computing, Elsevier, 2024, <https://doi.org/10.1016/j.imavis.2024.2839>. **Scopus**.
11. Presented Paper on **“Traffic Rules Violation Detection”**, IEEE-2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Published in 12 December 2024.
12. Presented Paper on **“Optimizing Forensic Analysis and Security in Cloud**

- Environments Through Game Theory Optimized Recursive GRU Model and Blockchain Technology**" in the 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS 2024) organized by Sri Sairam Engineering College, between 8th and 9th October 2024.
13. Presented Paper on **"Smart Lampadire System With Water Sensor"** in the 2022 1st International Conference on Computational Science and Technology (ICCST) organized by Sri Sairam Engineering College, between 9th and 10th November 2022.
 14. Presented Paper on **"Animal Detection Alert System"** in the 2022 1st International Conference on Computational Science and Technology (ICCST) organized by Sri Sairam Engineering College, between 9th and 10th November 2022.
 15. Presented Paper on **"A Review On Forensic Investigation Analysis In Cloud Computing Environments"** in the 2022 1st International Conference on Computational Science and Technology (ICCST) organized by Sri Sairam Engineering College, between 9th and 10th November 2022.
 16. Presented Paper on **"Hostel Management"** in the 2022 1st International Conference on Computational Science and Technology (ICCST) organized by Sri Sairam Engineering College, between 9th and 10th November 2022.
 17. Presented Paper on **"An Integration of Various Virtual Environments to Overcome Claustrophobia using Virtual Reality"** in the 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC - 2022) organized by Narasu's Sarathy Institute of Technology, Salem between 9th May 2022 to 11th May, 2022.
 18. Presented Paper on **"Squad Help - An Emotion Based Music Player"** in the 2022 AICTE Sponsored International Conference on Next Generation Wireless Communication and Networking Technology for Smarter World (ICNTSW-2022) organised by R.M.K. Engineering College between 28th & 29th April 2022.
 19. Presented Paper on **"Object Detection For Visually Challenged Using Image Processing"** in the 2022 International Conference on Communication Computing & Internet of Things IC3IOT organised by Sri Sai Ram Engineering College, between 10th & 11 March 2022.
 20. Presented Paper on **"Real Time Parkison Disease Detection"** in the 2022 International Conference on Newer Engineering Concepts and Technology (ICONNECT-2K22) organized by K. Ramakrishnan College of Technology, Trichy between 28th & 29th April 2022.
 21. Presented Paper on **"Dealing With Claustrophobia Using Virtual Reality"** in the 9th International Conference on Contemporary Engineering & Technology (ICCET 2021) organised by Prince Shri Venkateshwara Padmavathy Engineering College between April 10 and 11, 2021.
 22. Presented Paper on **"IOT Based Weather Reporting System Using Arduino and Node MCU"** in the 4th International Conference on Intelligent Computing (IconIC) organised

by Panimalar Engineering College between March 26 and 27, 2021.

23. Presented Paper on "**Deciding Bank Clients Credit Limit and Home Loan using Machine Learning**" in the 4th International Conference on Intelligent Computing (IConIC) organised by Panimalar Engineering College between March 26 and 27, 2021.
24. Presented Paper on "**Automatic Bridge Monitoring System using IOT**" in the 4th International Conference on Intelligent Computing (IConIC) organised by Panimalar Engineering College between March 26 and 27, 2021.
25. Presented Paper on "**Prostate Cancer Discernment**" in the IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS'20) organised by Sri Sairam Engineering college between December10 and December 11,2020.
26. Presented Paper on "**Hash Algorithm Approach for video Steganography Using Hybrid Neural Network**" in the IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS'20) organised by Sri Sairam Engineering college between December10 and December 11,2020.
27. Presented Paper on "**Automated Irrigation System and detection of Nutrient Content in the Soil**" in the IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS'20) organised by Sri Sairam Engineering college between December10 and December 11,2020.
28. Presented Paper titled,"**Automated Irrigation System And Detection Of Nutrient Content In The Soil**",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.
29. Presented Paper titled,"**AISLE Spotter for Blind and Deaf using Wearable Sensors**",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.
30. Presented Paper titled," **APP VIVNA**", 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.
31. Presented Paper titled," **Modulation of Cortical Excitability with BCI for Stroke Rehabilitation**", 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.

32. Presented Paper titled, "**Effective shopping method for visually people using optical character recognition**", International Conference on Latest trends in Engineering and Management organized by Institute for Engineering Research and publication(IFREP) held on 20th -21st October 2019 at Pondicherry.
33. Presented Paper titled, "**Integrated Ambulance service with advanced real time traffic control systems**", International Conference on Latest trends in Engineering and Management organized by Institute for Engineering Research and publication(IFREP) held on 20th -21st October 2019 at Pondicherry.
34. Presented Paper titled, "**Dam Water level monitoring and flood control using IOT**", 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 Chennai on 10th & 11th March 2018.
35. Presented Paper title "**Aadhar enabled E-ballot system**", 4th International Conference on Science engineering & Technology (ICONEST'18), Role of Robotics engineering in Science and Technology organized by Jeppiaar Engineering College Chennai ,on 23rd & 24th March 2018.
36. Presented Paper title "**Ameliorating Mouse to Detect Temperature-Specially Designed Mouse**", International Conference on Engineering & Technology 2013

NATIONAL CONFERENCE:

1. Presented a paper titled, "**Dealing With Claustrophobia Using Virtual Reality**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organised by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
2. Presented a paper titled, "**Sales Optimization System Using Association Rule Algorithm**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organised by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
3. Presented a paper titled, "**Implementation of Blind Trolley Using IOT**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organised by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
4. Presented a paper titled, "**Automatic Bridge Monitoring System Using IOT**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organised by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
5. Presented Paper titled, "**Toll And Multi Account: Integration Of Rfid Scanning And Multi Account Payment System Using Zigbee**", National Conference on Smart Innovations in Communications and Computing (NCSICC'19)- 5 th March, 2019.

6. Presented Paper titled, **“Integrated Ambulance Services With Advanced Real Time Traffic Control Systems Using IOT”**, National Conference on Smart Innovations in Communications and Computing (NCSICC’19)- 5 th March,2019.
7. Presented Paper titled **“Dam Water level monitoring and flood control using IOT”**, National Conference on Smart Innovations in Communications and Computing (NCSICC’18) – Organized by Dept of CSE,Sri Sai Ram Engineering College Chennai on 27th March 2018.
8. Presented Paper titled **“Aadhar enabled E-ballot system”**, National Conference on Smart Innovations in Communications and Computing (NCSICC’18) – Organized by Dept of CSE,Sri Sai Ram Engineering College Chennai on 27th March 2018.
9. Presented Paper titled National Conference on **“Identification and Broadcast of Malicious Nodes using Nodes History in BIGM”**, Signals, Computing & Communication, organized by Rajiv Gandhi College of Engineering, 22nd March 2017.
10. Presented Paper titled National conference on **“Recent Issues in Network Galaxy-RING”**, organized by dept of CSE, R.M.D.Engineering College, 4th April 2017.

SDP, WORKSHOP, SEMINARS			
S.No	Name of the Programme	Organized by	Date
1	FDP-Cybersecurity-CISCO	ICT Academy-Sri SaiRam Engineering College	15.12.25-20.12.25
2	FDP-Machine Learning Techniques for Data Analytics	SRM Institute of Science and Technology, Ramapuram	08.12.25-13.12.25
3	FDP-AI Driven Pedagogy: Transforming Teaching Practices with Intelligent Tools	Sri SaiRam Engineering College	01.12.25-05.12.25
4	FDP - Recent Advancements in Machine Learning: Emerging Tools, Techniques and Applications	Prathyusha Engineering College	24.11.2025 - 28.11.2025
5	FDP - Offensive Security	CyberHeals	30.06.2025 - 05.07.2025
6	Workshop - Application Development with AI & Essential Skills	Sri Sairam Engineering College & Brainovision Solutions India PVT. LTD.	23.06.2025 - 27.06.2025
7	Empowering Image Processing and Artificial Intelligence Techniques with MATLAB	SRM Institute of Science and Technology, Ramapuram	09.12.24-14.12.24
8	FDP: Emerging Trends in AI: Innovations & Applications	Sri Sai Ram Engineering College	16.12.24-21.12.24

9	ISTE-STTP “Exploring AI,Data Science and Cyber Security in Modern Computing”	SRM Institute of Science and Technology, Ramapuram	15.07.24-19.07.24
10	FDP on Cloud Computing Course	NPTEL-AICTE	Jan-Apr 2024
11	SERB Sponsored Five Days National Seminar on “Unraveling the Real-Time Application of IOT with Deep Learning Models”	SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89	10.06.2024-14.06.2024
12	International Seminar on “Data Science and Management of Data”	Dr.M.G.R. Educational and Research Institute	12.06.2024
13	International Workshop/Training Program “Capacity Building Program In Cybersecurity & its Investigation”	Research Foundation of India & RFI-CARE	10.06.2024-17.06.2024
14	PDP-ICT for Teaching & Learning	National Institute of Technical Teachers Training & Research	10.06.2024-14.06.2024
15	Malaviya Mission Teacher Training Programme (MMTTP)-NEP 2020 Orientation & Sensitization Programme	Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce,New Delhi	02.04.2024-12.04.2024
16	FDP-ChatGPT&AI Tools	ASET College of Science & Technology	27.11.2023-01.12.2023
17	Workshop on “Art of Writing”	Sri Sai Ram Engineering College	20.11.2023
18	FDP-IOT	NPTEL	Jul-Oct 2023
19	Workshop on “Effective utilization of Research Metrics,Tools and Techniques,Research Intelligence and Scholarly Communication	SRM Institute of Science and Technology, Ramapuram, Chennai	26.08.2023
20	FDP-Cloud Computing with Machine Learning	SRM Institute of Science and Technology, Ramapuram, Chennai	10.07.2023-15.07.2023
21	Cyber Carnival-”Cyber Strategies to Secure a Digitized Future”	SRM Institute of Science and Technology, Ramapuram, Chennai	13.03.2023
22	Workshop - International Online Workshop on “Academic Writing: Ethical Issues”	Global Institute of Statistical Solutions	25.02.2023 - 27.02.2023
23	Webinar - International Webinar Series on Emerging Trends in Computer	SRM Institute of Science and Technology,	20.02.2023 - 24.02.2023

	Science and Technology	Ramapuram, Chennai	
24	Workshop - Journal Paper Writing	Ramco Institute of Technology, Rajapalayam	10.02.2023
25	FDP - Platforms & System Security in Cyber Space	VNR Vignana Jyothi Institute of Engineering and Technology	30.01.2023 - 04.02.2023
26	FDP - Hands-on Training on Data Science Tools	Sri Sairam Engineering College	23.01.2023 - 28.01.2023
27	No Code and Low Code Machine Learning Techniques	Dept of IT,SSEC & L&T Mindtree	19.12.2022 -23.12.2022
28	FDP-ECE Dept - 6 days Communication and Computation	Dr. M.G.R. Educational and Research Institute	13.12.2022 to 17.12.2022 & 19.12.2022
29	FDP - Research Advancements in Intelligent Computing Technologies	Sri Krishna College of Engineering and Technology	19.12.2022 - 23.12.2022
30	FDP - Emerging Research Trends in Computing Technologies	Dr. M.G.R. Educational and Research Institute	28.11.2022 to 02.12.2022
31	FDP - Advanced Techniques in Computing Sciences and Applications	Saveetha College of Liberal Arts and Sciences	19.11.2022 to 23.11.2022
32	Webinar - Upcoming Trends in Wearable Electronics and Internet of Things (IoT)	National Institute of Technical Teachers Training and Research	15.10.2022
33	FDP - Data Science Tools	Easwari Engineering College	07.10.2022 to 20.10.2022
34	FDP - Foundations of Data Science	VNR Vignana Jyothi Institute of Engineering and Technology	02.08.2022 - 07.08.2022
35	FDP - Insights and Open Challenges in Computing Technologies	Sri Sairam Engineering College	11.07.2022 to 15.07.2022
36	FDTP - Data Structures	Karpagam College of Engineering, Coimbatore	20.06.2022 to 25.06.2022
37	ISTE-STTP “Data Science & Machine Learning	SRM Institute of Science and Technology, Ramapuram,	06.06.2022 to 11.06.2022
38	Cyber Crime & Forensic Tools	NITTTR, Chandigarh.	23.05.2022 to 27.05.2022
39	FDP- TNST Trainer's Training on Entrepreneurship	Government College of Technology,Coimbatore	09.05.2022 to 15.05.2022
40	Quiz - World IP Day	National Level Quiz, Sri Sairam Engineering College	26.04.2022
41	FDP - Next Generation Computing:	SRM Institute of Science	18.04.2022 -

	Key Trends, Challenges and Opportunities	and Technology, Chennai	23.04.2022
42	Training Program - National Intellectual Property Awareness Mission	Ministry of Commerce and Industry, Intellectual Property Office, India	18.04.2022
43	Workshop - Cybersecurity	World Resources Webinar, Bannari Amman Institute of Technology, Taylor's University	10.04.2022
44	DPRC-2022 Poster Presentation-Forensic Investigation Analysis in Cloud Computing Environments	SRM Institute of Science and Technology, Kattankulathur	24.03.2022-26.03.2022
45	Webinar - MOOC's & Cyber Security	Silicon City College, Bengaluru	26.02.2022
46	FDP-Artificial Intelligence in Health Care	Sri Sairam Engineering College	21.02.2022-25.02.2022
47	FDP-Recent Trends in Research	SRM University of Science & Technology-Vadapalani Campus	09.02.2022-10.02.2022
48	FDP-AI-Diving in IOT & Computer Vision	JSPM'S Rajarshi Shanhu College of Engineering, Maharashtra	17.01.2022-22.01.2022
49	Webinar - Immunizing Cyber Security	University College of Engineering, Thirukkuvalai	12.01.2022
50	FDP-AI-Natural Language Processing	University College of Engineering Kakinada (A)	29.11.2021 - 03.12.2021
51	FDP - Augmented Reality/Virtual Reality and its applications	Sri Sairam Engineering College	04.10.2021 - 08.10.2021
52	Webinar - Mathematician Enroute to Data Analytics and Machine Learning	Voorhees College Vellore	15.09.2021
53	Webinar - Oracle Academy Faculty Day	Oracle Academy	10.08.2021
54	Workshop - Art of Research	Sri Sairam Engineering College	23.08.2021 - 24.08.2021
55	Webinar - Challenges and Opportunities in Urban Sanitation	Sri Sairam Engineering College	06.08.2021
56	Workshop - Big Data Analytics in Cloud Computing using Python Programming	Annamalai University	09.07.2021 - 10.07.2021

57	FDP - International FDP Progresses in Computer Science and its Applications	Vels Institute of Science Technology and Advanced Studies	09.07.2021 - 14.07.2021
58	STTP - Full Stack AI and Deep Learning Practitioner Approach	Koneru Lakshihaiiah Education Foundation, Andhra Pradesh	07.06.2021 - 19.6.2021
59	FDP - Inculcating Universal Human Values in Technical Education	AICTE	28.06.2021 - 02.07.2021
60	Webinar - Outcome Based Learning Process in Technical Education	National Institute of Technical Teachers and Research, Chennai	06.05.2021
61	Webinar - International Webinar on Blockchain Technology	Kombolcha Institute of Technology, WOLLO University	07.05.2021
62	Webinar - Implementation of National Education Policy 2020	Sathyabama Institute of Science and Technology	23.04.2021
63	Workshop - 6 Days National Workshop on Research Methodology	Queens College of Arts and Science for Women, Punalkulam	19-04-2021-24.04.2021
64	Webinar - Scene Understanding using Deep Learning	Sri Sivasubramaniya Nadar College of Engineering	10.04.2021
65	FDP - Essentials of Outcome Based Education	Dr. M.G.R. Educational and Research Institute	15.03.2021 - 19.03.2021
66	FDP - Virtual Reality and Augmented Reality	Guru Nanak College	08.03.2021 to 11.03.2021
67	Microsoft AI Classroom Series	NASSCOM	09.03.2021
68	STTP - Speech and Image Processing using Deep Learning Techniques	Annamalai University	03.03.2021 - 09.03.2021
69	STTP-Big Data Analytics in Genetics	SRM Institute of Science and Technology	22.02.2021 - 27.02.2021
70	Online Training Program - LabVIEW Programming	National Institute of Technical Teachers Training and Research (NITTTR), Chennai	15.02.2021 - 19.02.2021
71	FDP - Teaching Learning Methods Towards Outcome Based Education	Velammal Institute of Technology	10.02.2021 - 23.02.2021
72	STTP - Internet of Things (IoT) with Blockchain - Applications and Challenges	Velalar College of Engineering and Technology, Erode	01.02.2021 - 06.02.2021

73	FDP - Six Sigma for Industrial Projects	MHRD Institution Innovation Council, Sri Sairam Engineering College	01.02.2021
74	Webinar on COPYRIGHT IS AN INTELLECTUAL PROPERTY	Sri Sairam Engineering College	28th January, 2021
75	3rd International Conference for Engineering Challenges in Gulf Countries	Kuwait Chapter of The Institution of Engineers (India)	22nd January, 2021.
76	International Workshop on Automatic Speech Recognition(IWASR 2021)	SRM Institute of Science and Technology	18.01.2021 - 20.01.2021
77	ATAL FDP - Immersive Virtual Reality (IVR) online	S R University, Warangal, Telangana State	04.01.2021 to 08.01.2021
78	Microsoft AI Classroom Series	NASSCOM	22.12.2020
79	Webinar-35 th Indian Engineering Congress	The Institution of Engineers	18.12.2020-20.12. 2020
80	Virtual Conference-Innovation in Computer Science and Engineering and Information Technology	CSI Allahabad Chapter	19.12.2020
81	Computer Forensics and Cyber Crime	JSS Academy of Technical Education, Noida	14.12.2020-19.12. 2020
82	National FDP	Sri Kanyaka Parameswari Arts and Science College for Women	13.12.2020
83	STTP-Cybersecurity And Blockchain Technology	Sanjivani College Of Engineering, Kopargaon	07.12.2020 - 12.12.2020
84	Atal Fdp-Data Sciences	Sri Krishna College Of Engineering And Technology	07.12.2020 - 11.12.2020
85	Workshop-AICTE Marghadarshan NBA	Sri Sairam Engineering College	02.12.2020-08.12. 2020
86	FITP -"EMERGING TRENDS & SCOPE IN DATA SCIENCE"	SRM Institute of Science&Technology	23.11.2020-04.12. 2020
87	STTP-Supervised And Unsupervised Machine Learning Using Google Cloud	R.M.K. College Of Engineering And Technology.	16.11.2020 - 21.11.2020
88	WEBINAR-Quantitative Data Analysis In R Using STATCRAFT	Sri Sivasubramaniya Nadar College Of Engineering	11.11.2020
89	International Webinar-Full Stack Development	Srm Valliammai Engineering College	07.11.2020
90	Atal Fdp-Iot	Governments Engineering College, Rajkot	02.11.2020 - 06.11.2020
91	FDP-Research Perspectives In Machine Intelligence And Computing	Sri Sairam Institute Of Technology	27.10.2020 - 31.10.2020
92	Webinar-IEEE Benefits To Research Community	Srinivas University, Karnataka	23.10.2020

93	National Program for IP Literacy and Awareness	MHRD - Kapila	15.10.2020 - 23.10.2020
94	AICTE-ONLINE SHORT TERM PROGRAMMING-Zero-Shot Learning By Convex Combination of Semantic Embeddings	Sri Krishna College Of Engineering&Technology,Co imbatore	12.10.2020-25.10.2020
95	STTP-Building Intelligent Applications With Deep Learning Using Pytorch	Rajalakshmi Institute Of Technology	05.10.2020 -10.10.2020
96	AICTE-Online Short Term Programming-Big Data Analytics	Vels University	21.09.2020-26.09.2020
97	Atal Fdp-Data Sciences	Erode Sengunthar Engineering College	07.09.2020 - 11.09.2020
98	Fdp-Data Science	Rajalakshmi Institute Of Technology	24.08.2020 - 28.08.2020
99	International FDP-Insight And Trend In Data Analytics	Karpagam College Of Engineering	21.08.2020 - 26.08.2020
100	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
101	FDP-Blue Chips Of The Current Industry - ML And Big Data	Sathyabama Institute Of Science And Technology	30.07.2020 - 04.08.2020
102	Fdp-A Journey With Entrepreneurs	Sathyabama Institute Of Science And Technology	29.07.2020 - 04.07.2020
103	Webinar -R&D Proposal Writing For Faculties	Sri Sairam Engineering College	12.06.2020
104	Webinar -Recent Advancements In AI,IOT &Datascience	B.S.Abdur Rahman Cresecent Institute Of Science & Technology	08.06.2020-12.06.2020
105	Seminar-Virtual Power Seminar-Oracle Db,Query&Trends	Kings Engineering College , Chennai	08.06.2020
106	Fdp-Big Data Engineering	Kings Engineering College , Chennai	F
107	Fdp-Arduino	Kings Engineering College , Chennai	01.06.2020 - 05.06.2020
108	Virtual Session On Research &Post Doctoral Fellowship Opportunities In Foreign Universities	Sri Sairam Engineering College	29/5/2020
109	FDP -Data Science Using Python	Jeppiar Institute Of Technology	18/5/2020 - 22/5/2020
110	Fdp - Cs6701 Cryptography And Network Security	Panimalar Institute Of Technology	11/5/2020 - 15/5/2020
111	Webinar On "E-Learning Tools For Empowering Quality Of Education"	Saveetha School Of Management, Saveetha Institute Ofmedical And	13/5/ 2020.

		Technical Sciences(SIMATS),	
112	FDP - “Machine Learning For Beginners”,	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY In Association With Indian Servers.	9/5/2020
113	Fdp -Python 3.4.3	Sathyabama Institute Of Science And Technology,-Iit Bombay Spoken Tutorial	04.05.2020 -08.05.2020
114	FDP - Recent Trends In Information,Computing,Communication And Teaching Methodology Competency	Sri Sairam Engineering College - Dept CSE,ECE &IT	04/5/2020 - 17/5/2020
115	International FDP - Develop The Ability To Write Research Proposal	Adarsh Group Of Institutions, AIMIT,KARNATAKA	24/4/2020
116	Webinar - Recent Trends In Computer Science	St.Joseph College,Trichy	24/4/2020 & 25/4/2020
117	Webinar - Season 1-Technology For Future Design -	Ict Academy - Skycampus	9/4/2020 - 18/4/2020
118	Fdp -R	Adhiparasakthi Engineering College-Iit Bombay Spoken Tutorial	Jan 2020
119	FTP On State Of The Art Technologies In Information Security	Anna University(CEG Campus) Chennai	02/12/2019 - 06/12/2019
120	FDP On Nextgen Techstack	Dept Of CSE(SSEC)	08/04/2019 – 12/04/2019
121	National Seminar On Cyber Security	SSN College Of Engineering	14/3/2019 & 15/3/2019
122	FDTP On GE8151-Problem Solving & Python Programming	Anna University (SSEC)	11/06/2018 – 18/06/2018
1232	Internal Auditor.ISO 9001:2015 Quality Management System And Audit Training	Creative Management Consultants (SSEC)	08/06/2018
124	Tech Workshop On Redhat(Open Source) Technology And Industry Adaptation	Sri Sairam Engineering College Associated With Advantage Pro,Redhat Linux	5/12/2017
125	FDP On Cloud And Automation. Train The Trainers On Microsoft Azure Cloud	TCS	28/12/2016 - 6/1/2017

126	FDP On Teaching Excellence In Engineering & Management Curriculum	Sri Sai Ram Institute Of Technology	20/06/16 – 21/06/16
127	FDP On Grid And Cloud Computing	Sri Sai Ram Engineering College	08/08/2016-09/08/2016
128	Workshop On Mobile Application Development	Sri Sai Ram Engineering College Dept Of Cse	17/2/2016 – 20/2/2016
129	FTP On Grid & Cloud Computing Lab	Jeppiar SRR Engineering College	5/5/2016-7/5/2016
130	FDP On “Compiler Design”	Jeppiar Engineering College	22/1/16-29/1/16
131	Workshop On “Compiler Design”	Jeppiar Engineering College	21/1/16
132	Workshop On How To Publish A Technical Paper With IEEE	IIT Madras	20/8/15
133	FDP On Design And Analysis Of Algorithm	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	17/12/14 To 23/12/14
134	FDP On Cloud Computing And Big Data	Department Of CSE Sri Sai Ram Engineering College	8/12/2014 -9/12/2014
135	FDP On Cloud Computing And Virtualization	Department Of CSE, Sri Sai Ram Engineering College	2/3/2015 6/3/2015
136	FDP On Big Data And Internet Of Things	Department Of CSE, Sri Sai Ram Engineering College	10/2/2014 – 14/2/2014
137	FDP On Recent Trends In Cloud Computing And Virtualization	Department Of CSE, Sri Sai Ram Engineering College	04/11/2013-08/11/2013
138	FDP On Cloud Computing	Department Of IT And TCS At Sri Sai Ram Engineering College	05/05/2014
139	Workshop On Network Simulator NS2	Dept Of CSE,Sri Sai Ram Engineering College	9/07/2013 – 13/07/2013
140	Workshop On Zigbee Based Wireless Sensor Networks	VIT Chennai	13/04/2013

COURSES COMPLETED:

S. No.	Name of the Course	Certified by	Date
1	Apple Teacher	Apple	24.11.2025

2	Social Emotional Education: Knowledge to Practice (SEEK)	UNESCO MGIEP	Nov 2025
3	Panchayat Administration and Rural Development Schemes	State Institute of Rural Development and Panchayat Raj (SIRD)	Sep 2025
1	Module 2: Professional Ethics and Sustainability	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
2	Module 6: Student Assessment and Evaluation	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
3	Module 8: Institutional Management and Administrative Procedures	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
4	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
5	Module 3: Communication Skills, Modes and Knowledge Dissemination	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
6	Module 5: Technology for Technical Teachers Training	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
7	Cyber Security	Great Learning	Dec 2022
8	Module 4: Instructional Planning and Delivery	NITTT, All India Council for Technical Education (AICTE)	30.11.2021
9	Cloud Foundations	Great Learning Academy	May 2022
10	Capstone: Retrieving, Processing and Visualizing Data with Python	Coursera	09.06.2020
11	Introduction to Data Science in Python	Coursera	27.05.2020
12	Python Data Structures	Coursera	25.05.2020
13	Build a Full Website using Wordpress	Coursera	20.05.2020
14	Introduction to Web Development	Coursera	02.06.2020
15	Beyond the Sustainable Development Goals (SDGs): Addressing Sustainability and Development	Coursera	25.07.2020

16	The Sustainable Development Goals - A Global, Transdisciplinary Vision for the Future	Coursera	17.06.2020
17	Algorithmic Toolbox	Coursera	01.06.2020
18	PY0101EN: Python Basics for Data Science	edX	12.07.2020
19	Foundational Artificial Intelligence	SkillUp	07.04.2020
20	Agile Meets Design Thinking	Coursera	14.05.2020
21	AI for Everyone	Coursera	16.05.2020
22	Build a Table Layout App in Android Studio	Coursera	20.05.2020
23	Cybersecurity and the Internet of Things	Coursera	20.05.2020
24	Getting Started with Google Sheets	Coursera	20.05.2020
25	Introduction to Big Data	Coursera	08.05.2020
26	Introduction to Data Analytics for Business	Coursera	13.05.2020
27	Introduction to Google Docs	Coursera	17.05.2020
28	Introduction to HTML5	Coursera	19.05.2020
29	Programming for Everybody (Getting Started with Python)	Coursera	04.05.2020
30	R Programming	Coursera	24.05.2020
31	Spreadsheets for Beginners using Google Sheets	Coursera	17.05.2020
32	Data Analysis with Python	Coursera	03.04.2020
33	Data Visualization with Python	Coursera	03.04.2020
34	Introduction to Cybersecurity	Simplilearn	01.05.2020
35	Introduction to Artificial Intelligence	Simplilearn	08.05.2020
36	Introduction to IOT	Simplilearn	09.05.2020
37	Introduction to Robotic Process Automation	Simplilearn	08.05.2020
38	Introduction to Project Management	Simplilearn	11.04.2020
39	Introduction to Cybersecurity	Simplilearn	01.05.2020

40	Introduction to Data Analytics	Simplilearn	08.04.2020
41	Introduction to Data Science	Cognitive Class	05.04.2020
42	Machine Learning with Python	Cognitive Class	07.04.2020
43	Python Programming	Udemy	02.11.2019
44	Python 101 for Data Science	Cognitive Class	03.04.2020
45	Support Vector Machines in Python - SVM in Python 2019	Udemy	05.04.2020
46	AWS Certified Cloud Practitioner	Udemy	03.04.2020
47	Data Science A-Z: Real-Life Data Science Exercises Included	Udemy	15.11.2019
48	Decision Trees, Random Forests, AdaBoost & XGBoost in R	Udemy	03.04.2020
49	Exploring RPA Automation Technology & Tool	Udemy	18.02.2020
50	Java Programming Fundamentals	Udemy	02.04.2020
51	Learn Javascript - For Beginners	Udemy	02.04.2020
52	Introduction to Python Programming	Udemy	02.11.2019
53	Microsoft SQL Server for Beginners	Udemy	02.04.2020