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| Name & Photo : |  R.Sharmikha Sree |
| 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 of Engineers member, IAENG ● ISTE Membership ● One Year IEEE Membership |

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| | <ul style="list-style-type: none"> ● 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](https://doi.org/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:

28. **Sharmikha Sree R**, Meera S, Sukavanesh L, Sriram R, Priyadharshini 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:978-1-6654-2864-4Page: 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 Parkinson 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 December 10 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 December 10 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 December 10 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 Sai Ram 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 Sai Ram 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 Sai Ram 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 Sai Ram 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 Sai Ram 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 Sai Ram 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 | SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89 | 10.06.2024-14.06.2024 |

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| | Application of IOT with Deep Learning Models” | | |
| 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 Science and Technology | SRM Institute of Science and Technology, Ramapuram, Chennai | 20.02.2023 - 24.02.2023 |
| 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 |

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| 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: Key Trends, Challenges and Opportunities | SRM Institute of Science and Technology, Chennai | 18.04.2022 - 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, | 10.04.2022 |

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| | | Bannari Amman Institute of Technology, Taylor's University | |
| 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 Lakshihai Education Foundation, Andhra Pradesh | 07.06.2021 - 19.6.2021 |

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| 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 |

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| 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 |

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| 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 Technical Sciences(SIMATS), | 13/5/ 2020. |
| 112 | FDP - "Machine Learning For Beginners", | SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY In | 9/5/2020 |

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| | | Association With Indian Servers. | |
| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |