

Name & Photo :	Dr.S. Meera 
Designation:	ASSOCIATE PROFESSOR SILVER
Qualification :	M.E.,Ph.D
Area of Specialization :	Cloud Computing, Big Data, Image Processing, IOT, AI
Experience :	Teaching : UG: 16 PG : 0 Industry :-
No. of workshop / Webinar/ STTP / FDP attended	144
Publicatiot :	Journal International : 50
	Conference National : 11 International : 38
	Indexed SCI : 2 WOS : 2 SCOPUS : 32 Others : 18
	Book Chapter:5 Book:2
	Patents: Published : 7 Granted : 1
Research Guidance :	-
Membership in Professional bodies:	<ul style="list-style-type: none"> ● Life Time Membership in Indian Society For Technical Education(ISTE) ● One Year IEEE Membership ● Member in Institute for Engineering Research and

	Publication (IFERP) <ul style="list-style-type: none"> Life Time Membership in International Association of Engineers (IAENG)
General :	<ul style="list-style-type: none"> Acted as Class Coordinator(2013-2017), (2018-2022), (2021-2025). Acted as Symposium Coordinator. Acted as Project & Mini-project Coordinator. Certified in Programming Domain in NPTEL. Acting as Department Coordinator for Pals VLAB and MHRD VLAB. Acting as Department Member in Innovation - Competition Team. Acting as a ISO Student Achievement file, Newsletter file, Minutes of Meeting file Incharge. Acting as a NBA Student Achievement file, DAB file Incharge, Criteria 3 Co Po Incharge. Acting as a NAAC Criteria 5, value added file, student achievement incharge in department Completed NITTTR 8 modules Completed NPTEL Programming Domain
Achievements:	<ul style="list-style-type: none"> Published papers in reputed International Journals Presented a 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	Exp: (in Years & Month)
1	Saranathan College of Engineering	Senior Lecturer	10.06.2008	16.06.2010	2 years 6 days
2	Rajarajeswari College of Engineering	Lecturer	18.11.2010	16.05.2012	1 year 6 months
3	Sri Sai Ram Engineering College, Chennai	Assistant Professor	09.06.2012	31.07.2023	11 year 1 months 24 days
4	Sri Sai Ram Engineering College, Chennai	Associate Professor	01.08.2023	Till Date	2 year 7 months 5 days
Total Year of Experience (Till 03.03.2026)					17 years 3 months 0 days

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 (1st Author)
<https://www.igi-global.com/chapter/utilizations-of-ai-in-cryptography/348601>, ISBN (Hardcover):
9798369341599 (or 9798369341605 for e-book)

2. 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: 65 (1st 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>

3. 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: 91 (2nd Author),
<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003345411-6/covid-19-alert-zone-detection-using-opencv-sharmikha-sree-meera>

4. Published a Book Chapter in 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 30.01.2021 and also received an Award of Honour & Recognition, pg: 135-142. (2nd Author)

5. 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, pg: 18. (1st Author)

BOOK:

1. Published a book “Artificial Intelligence with Machine Learning” in Shanlax Publications on Nov, 2022. ISBN: 9789395422468. (3rd author)

2. Published a book “Foundations of Data Science” in Charulatha Publications in 2023. ISBN: 9789355775085. (2nd author)

PATENT DETAILS:

1. Patent Grant on “**Cloud Based Water Usage Monitoring And Control Device**”, Patent Number : 469904-001 Filing Date-16/08/2025(5th 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.(9th 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.(7th Author)
4. 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.(9th Author)

5. 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.(9th Author)
6. Filed and Published Indian patent on the innovation titled “**APP VIVNA**” (Application No.20211008667 A) on 12.03.2021 (2nd author)
7. Filed and Published Indian patent on the innovation titled “**CHALLENGE OPERATING SYSTEM**” (Application No.202141002167 A) on 22.01.2021 (2nd author)

COMMITTEE MEMBER:

1. 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.
2. 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.
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 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 Panel Member for Hack Riot, Sri Sairam Engineering College on 24.04.2023.
2. Acted as Proctor for Competing teams for the IEEE Xtreme held on 29.10.2023 & same in 2024.
3. 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 Journal of Intelligent Decision Technologies and Applications, MAT

Journals, Nov, 2025.

4. 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.
5. Acted as Reviewer for Research & Review: Machine Learning and Cloud Computing on 21st Oct 2024.
6. Acted as Reviewer for Journal of Sensor and Cloud Computing on 22th July 2024.
7. Acted as Reviewer for Journal of Intelligent Decision Technologies and Applications on 19th July 2024.
8. 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.
9. 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.
10. 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.
11. Acted as Reviewer for the International Conference on Evolutionary Algorithms and Soft Computing Techniques(EASCT- 2023) organized by R V Institute of Technology & Management,Bengaluru on 20th and 21th December, 2023.
12. Acted as Reviewer for Journal of Cyber Security in Computer System 11 December, 2023.
13. 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..
14. Acted as Reviewer for 7th International Conference on Computer, Communication and Signal Processing (ICCCSP 2023) organized by Sri Sivasubramaniya Nadar College of Engineering, Chennai.
15. 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.
16. Acted as Reviewer for Journal of Cyber Security in Computer System on 28 June, 2023.
17. Acted as Reviewer for IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC 2023) organized by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad, 16th and 17th June, 2023.
18. Acted as a Sub-Reviewer for the paper “SD Card Interface Using FPGA for Multimedia Applications” in ICCSP 2023.
19. Acted as a Reviewer for the IEEE Technically Sponsored First International Conference on Computational Science & Technology[ICCST 2022] organized by Sri Sairam Engineering College held on 9th and 10th Nov 2022.

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 University Question Paper Setter for the subject Operating Systems, Nov/ Dec 2025 in Sengunthar Engineering College.
2. Acted as University Question Paper Setter for the subject Internet Programming, Nov/ Dec 2025 in Sri Sai Ram Engineering College.
3. Acted as University Question Paper Setter for the subject, Theory of Computation, Nov/Dec 2022 in Sri Sai Ram Engineering College.
4. Acted as University Question Paper Setter for the subject CS8078-Green Computing, April/May 2022 in Sri Sai Ram Engineering College.
5. Acted as University Question Paper Setter for the subject 20AI2101-INTRODUCTION TO ARTIFICIAL INTELLIGENCE in K.Ramakrishnan College of Engineering, Trichy.
6. Acted as Scruter - Question Paper Scrutiny in Prince Shri Venkateshwara Padmavathy Engineering College on 20.04.2023.

APPRECIATION CERTIFICATE:

1. Received First Prize for Project in Inspirathon 1.0 2024.
2. Received Proctor Certificate from IEEE by 29-Oct-2023
3. Received NPTEL-Top Mentoring for the subject Cloud Computing Jan-Apr 2023.
4. Received Second Prize for Project in Innovathon 1.0 2023.
5. Received Appreciation certificate for mentee skillrack performance organized by Skill Development Club of Sri Sairam Engineering College.

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 Cost Effective Smart Innovation System for Detecting Pathogens and Adulteration in Food using IOT Sensors, Zigbee and Raspberry PI Technology by the Students Manasvinii. S. R., Akshaya K for the academic year 2020 - 2021.

3. Submitted a proposal in Tamilnadu State Council for Science and Technology on the title Squad Help - An Emotion Based Music Player by the Students Chandrasekaran D K, Balakrishnan K, Sathish N for the academic year 2022 - 2023.

4. Submitted a proposal in Tamilnadu State Council for Science and Technology on the title Animal Detection Alert System by the Students Priyadharshini K, Varshitha P V, Sai Charitha R for the academic year 2022 - 2023.

EVENT ORGANIZED:

1. Acted as organizer for Synsara'24.

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 a Webinar on Coding Training in C Programming held on 04.02.2021 - 06.02.2021 @ 10.30 AM to 12.00 PM.
7. 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.
8. 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.
9. Acted as one of the coordinators for Five Days Hands on Training on Python held on 5.10.2020 - 09.10.2020
1. Acted as Coordinator for Faculty Development Programme on Grid & Cloud Computing held on 08.08.2016 & 09.08.2016.

PUBLICATION

INTERNATIONAL JOURNAL

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. **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**.
4. Kiruppazhini S, Krishnapriya K, Shrimukhi S, **Meera S** published a Paper titled “**Smart Park - An Intelligent Parking Management System**” 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, DOI: <https://doi.org/10.1109/ICPECTS62210.2024.10780335>, Dec 2024. **Scopus**.
5. **Meera S**, Sharmikha Sree R, Nithish Kumar R, Hari Kishore G, Sajin Kumar P published a Paper titled “**Traffic Rules Violation Detection**” in the 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS 2024) organized by Sri Sairam 2024Engineering College between 8th and 9th October, 2024, DOI: <https://doi.org/10.1109/ICPECTS62210.2024.10780398>, Dec 2024. **Scopus**.

6. Ram Gomathi K S, Jeeva S, Dharshwin G J, **S Meera** published a paper titled “**Website Blocker Tool: Enhancing Productivity and Security**” by Journal of Sensor and Cloud Computing, MAT Journals, Vol. 1, Issue 2 (May - August, 2024), pg: 19-23, **Google Scholar**.
7. **S. Meera**, Nithish Kumar S, Sarath Kumar published a paper titled “**Machine Learning-Based Automatic Timetable Generation**” by Journal of Soft Computing and Computational Intelligence, MAT Journals, Vol. 1, Issue 2 (May - August, 2024), pg: 25-30, **Google Scholar**.
8. S. Meera, K. Valarmathi published a paper titled “**Optimizing Cloud Resource Allocation: A Long Short-term Memory and DForest-based Load Balancing Approach**” by Journal of Intelligent & Fuzzy Systems, IOS Press, Issue 1 DOI:10.3233/JIFS-234054, ISSN 1064-1246, pg: 2311-2330, 2024, **SCI Publication**.
9. R. Sharmikha Sree, **S. Meera** published a paper titled “**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**.
10. R. Deepika, R. A. Kalpana, R. Sharmikha Sree, **S. Meera** published a paper titled “**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**.
11. R. Deepika, **S. Meera**, R. Sharmikha Sree, R. A. Kalpana, K. Valarmathi published a paper titled “**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**.
12. Dinesh Kumar S, **S. Meera**, R. Sharmikha Sree, R. Deepika, R. A. Kalpana published a paper titled “**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**.
13. **S.Meera**, R.Sharmikha Sree, Dinesh Kumar S, Sarath Kumar J, Adithya Harish Iyer, Krishnamurthy C, Akilan R published a paper titled “**A Third Eye for Visually Impaired**” by 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) **DOI: 10.1109/ICCEBS58601.2023.10448652**, Pg: 23-25, Dec 2023, **Scopus**.
14. S. Dinesh Kumar, K. Soundarapandiyam, **S. Meera** published a paper titled “**Comparative Study of Customer Churn Prediction Based on Data Ensemble Approach**” by 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) **DOI: 10.1109/ICCEBS58601.2023.10449139**, Pg: 23-25, Dec 2023, **Scopus**.
15. Sharmikha Sree R, **Meera S**, Kavya K K, Harina P published a paper titled “**Dormitory Management System**” by 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) **DOI: 10.1109/ICCEBS58601.2023.10449199**, Pg: 23-25, Dec 2023, **Scopus**.
16. Sharmikha Sree R, **Meera S**, Nithish Kumar S, Niranjana Kumar S K, Karthikeyan S V, Jaya

Kumar S published a paper titled **“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**.

17. Chandrasekaran D K, **S.Meera**, R.Sharmikha Sree, Sathish N, Balakrishnan K published a paper titled **“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**.
18. **S.Meera**, R.Sharmikha Sree published a paper titled **“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**.
19. **S.Meera**, K. Valarmathi published a paper titled **“Load Balancing Techniques in Cloud Environment - A Big Picture Analysis”** by 2022 1st International Conference on Computational Science and Technology (ICCST) , ISBN: 978-1-6654-7655-3, DOI: <https://doi.org/10.1109/ICCST55948.2022.10040387>, pg: 307-310, Nov 2022 **Scopus Indexed**.
20. 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>, pg: 71-73, Nov 2022 **Scopus Indexed**. (4th Author)
21. S. Dinesh Kumar, K. Soundarapandian, **S. Meera**, **“Commiserating Customers’ Purchasing Pattern using Market Basket Analysis”** by 2022 1st International Conference on Computational Science and Technology (ICCST) , ISBN: 978-1-6654-7655-3, DOI: <https://doi.org/10.1109/ICCST55948.2022.10040320>, pg: 903-906, Nov 2022 **Scopus Indexed**.
22. **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**.
23. **S.Meera**, R.Sharmikha Sree published a paper titled **“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>, pg: 1-8, Dec 2022, **Google Scholar**.
24. R. Sharmikha Sree, **S. Meera** published a paper titled **“An Integration of Various Virtual Environments to Overcome Claustrophobia using Virtual Reality”**, 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC), ISBN: 9781665497114 DOI: <https://doi.org/10.1109/ICAAIC53929.2022.9792837>, pg: 1621 - 1627, 9-11, May 2022 **Scopus Indexed**.
25. **S. Meera**, R. Sharmikha Sree, R. Deepika, R. A. Kalpana, A. Ganga, N. Ramya published a paper titled **“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**

26. R. Sharmikha Sree, **S. Meera**, R. Deepika, R. A. Kalpana, N. Ramya, A. Ganga published a paper titled "**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**
27. R. A. Kalpana, R. Sharmikha Sree, **S. Meera**, N. Ramya, R. Deepika, A. Ganga, M. Kiruthiga Devi published a paper titled "**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**
28. N. Ramya, M. Shakthi Sree, R. Srija, R. A. Kalpana, M. Kiruthiga Devi, **S. Meera** published a paper titled "**Breast cancer invasive carcinoma detection using deep convolutional neural networks**" Proceedings of the 1st International Conference on Modern Functional Materials (ICMFM 2021), AIP Conference Proceedings 2464, Pg.: 060006-1 to 060006-7, <https://doi.org/10.1063/5.0082646>, Published Online: 26 May 2022. **Scopus Indexed**
29. **Meera S**, Sharmikha Sree R, Manasvini S R, Haritha V published a paper titled "**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**
30. **Meera S**, Sharmikha Sree R published a paper titled "**Market Basket Analysis for Designing a Product Placement Layout in Retail Shop**" in Journal of Research & Reviews: Machine Learning and Cloud Computing, MAT Journal, January - April 2022; Volume: 1 (Issue 1); Page: 1 - 9, DOI: <https://doi.org/10.46610/RRMLCC.2022.v01i01.001>. **Other Journal**
31. S. Dinesh Kumar, K. Soundarapandian, **Meera S** published a paper titled "**Sentience of Career Opportunities and Career Development using Social Media - A Study with Reference to Tamil Nadu**" in Journal of Big Data Technology and Business Analytics, January - April 2022, MAT Journal; Volume: 1 (Issue 1); Page: 7 - 14, DOI: <https://doi.org/10.46610/JBDTBA.2022.v01i01.002>. **Other Journal**
32. Sharmikha Sree R, **Meera S** published a paper titled "**Online Automated Library for Reading Books**" in Journal of Research & Reviews: Machine Learning and Cloud Computing, MAT Journal, January - April 2022; Volume: 1 (Issue 1); Page: 10 - 14, DOI: <https://doi.org/10.46610/RRMLCC.2022.v01i01.002>. **Other Journal**
33. Sharmikha Sree R, **Meera S**, Sukavanesh L, Sriram R, Priyadharshini S published a paper titled "**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** .
34. **Meera S**, Sharmikha Sree R, Kalpana R A, S. R. Manasvini, Haritha V, Valarmathi K published a paper titled "**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/APC210038](https://doi.org/10.3233/APC210038), ISBN: 978-1-64368-202-0 **Scopus Indexed**.

35. Sharmikha Sree R, **Meera S**, Deepika R, Divya S, Priyadarshini V S published a paper titled "**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/APC210051](https://doi.org/10.3233/APC210051), ISBN: 978-1-64368-202-0. **Scopus Indexed**.
36. Kalpana R A, Sharmikha Sree R, **Meera S**, Ganga A, Shashwath M, Vishnupriyan P, Barath M S published a paper titled " **Precognition of Content by Interpreting Human Language into Computer Automated Data Processing**" in 2021 3rd International Conference on Signal Processing and Communication (ICPSC), Page: 445 - 449 IEEE Xplore on 13-14 May, 2021, DOI: [10.1109/icspc51351.2021.9451807](https://doi.org/10.1109/icspc51351.2021.9451807), **ISBN:978-1-6654-2864-4 .Scopus Indexed, SCI Indexed**
37. **Meera S**, Sharmikha Sree R, Sohna K, Roopika R, Manasvini S R published a paper titled "**Health 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](https://doi.org/10.17051/ilkonline.2020.02.696791) **UGC Indexed** .
38. M. Maheswari, **S. Meera**, R. Sharmikha Sree, R. A. Kalpana published a paper titled " **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**.
39. Abishek Prasad G V, R. Sharmikha Sree, **S. Meera**, R. A. Kalpana published a paper titled "**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, **DOI: 10.1109/ICPECTS49113.2020.9336990**, **ISBN:978-1-7281-1084-4**, Conference Date: 10-11 Dec, 2020 **.Scopus Indexed**.
40. **S. Meera**, B. Nithilesh Kumar, P. Vikram, Gadde Bala Krishna, K. Jayandan, S. Sugumar published a paper titled "**Smart Cane For Blind Persons**", Journal of the Gujarat Research Society", ISSN 03748588, Volume 2 Issue -1 , December 2019. **UGC Journal**.
41. **S. Meera**, B. Maheswari M, Aswini Udhaya A published a paper titled "**Creation of the Irrigation and Cultivation Method for Agriculture based on IoT and Zigbee**", Journal of the Gujarat Research Society", ISSN 03748588, Volume 2 Issue -1 , December 2019. **UGC Journal**.
42. 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),ISSN 2249-8958. DOI: [10.35940/ijeat.A2954.109119](https://doi.org/10.35940/ijeat.A2954.109119), Volume 9 Issue -1 ,October 2019 **.Scopus Indexed**.
43. **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),ISSN 2249-8958. DOI: [10.35940/ijeat.A2961.109119](https://doi.org/10.35940/ijeat.A2961.109119), Volume 9 Issue -1 ,October 2019 **.Scopus Indexed**.

44. R. A. Kalpana, **S. Meera**, R. Deepika, B.U.Roobini published paper titled “**IOT Based Fire Exterminating Robot**”, International Journal of Engineering and Advanced Technology (IJEAT), DOI: [10.35940/ijeat.A2964.109119](https://doi.org/10.35940/ijeat.A2964.109119), ISSN 2249-8958. Volume 9 Issue -1 ,October 2019 .**Scopus Indexed**.
45. **S. Meera**, R. Deepika, R. Kalpanaa, V. Lakshmi Priya published paper titled “**Smart Voting System using ATM**”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), ISSN 2394-2320. Volume 5 Issue -3, July 2019 .**UGC Journal**.
46. **S. Meera**, R. Sharmikha Sree, R. Deepika, R.A. Kalpana published a 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) Part of ISSN: [2227-524X](https://doi.org/10.2227-524X), Published on: 08-06-2018. **Scopus Indexed**.
47. 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.SCOPIUS INDEXED. 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**.
48. **S. Meera**, S. Oviya, M. Chitra, S. Sandhiya published a paper, "**Multi-farious Coadunation of Corrective Image in Aesculapian Domain**", International Journal of Science and Innovative Engineering & Technology (IJSIET), Volume 1, May Issue, **May – 2018**.ISSN No: 978-81-923607-3-7. **UGC Journal**
49. Bharadwaj S, Dev Ragul V S, Kishore Venkkat U, **Meera S** published a paper titled "**Enhancing Privacy Of Data Identity In Online Social Networks**", IAETSD- International Journal of Multi-Disciplinary Research, Volume 3, Issue 2, March-April 2017.ISSN NO:2454-1524.
50. B.S.Hari Bhaskar, J. Ram Sundar, M. Saravana Guru, **S. Meera** published a paper titled "**Secured Data Dissemination in Real Time Health Care System**", IAETSD- International Journal of Multi-Disciplinary Research, Volume 3, Issue 2, March-April 2017 ISSN NO:2454-1524.

INTERNATIONAL CONFERENCE

1. Presented Paper on “**Detection and Prevention of Keylogger Attacks**” 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.
2. 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.
3. Presented Paper on “**Contactless Dementia Detection System**”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.

4. 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.
5. 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.
6. 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>.
7. Presented Paper on “**Traffic Rules Violation Detection**”, IEEE-2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Published in 12 December 2024.
8. Presented a Paper titled “**Smart Park - An Intelligent Parking Management System**” 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.
9. Presented a Paper titled “**Traffic Rules Violation Detection**” 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.
10. Presented a Paper titled “**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.
11. Presented a Paper titled “**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.
12. Presented a Paper titled “**Load Balancing Techniques in Cloud Environment-A Big Picture Analysis**” in the 2022 1st International Conference on Computational Science and Technology (ICCST) organized by Sri Sairam Engineering College, between 9th and 10th November 2022.
13. Presented a Paper titled “**Commiserating Customers Purchasing Pattern Using Market Basket Analysis**” 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 a Paper titled “**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.

15. Presented a Paper titled "**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) organized by R.M.K. Engineering College between 28th&29th April 2022.
16. Presented a Paper titled "**Object Detection For Visually Challenged Using Image Processing**" in the 2022 International Conference on Communication Computing & Internet of Things IC3IOT organized by Sri Sai Ram Engineering College,between 10th&11 March 2022.
17. Presented a Paper titled "**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.
18. Presented a Paper titled "**Dealing With Claustrophobia Using Virtual Reality**" in the 9th International Conference on Contemporary Engineering &Technology (ICCET 2021) organized by Prince Shri Venkateshwara Padmavathy Engineering College between April 10 and 11, 2021.
19. Presented a Paper titled "**IOT Based Weather Reporting System Using Arduino and Node MCU**" in the 4th International Conference on Intelligent Computing (IConIC) organized by Panimalar Engineering College between March 26 and 27, 2021.
20. Presented a Paper titled "**Deciding Bank Clients Credit Limit and Home Loan using Machine Learning**" in the 4th International Conference on Intelligent Computing (IConIC) organized by Panimalar Engineering College between March 26 and 27, 2021.
21. Presented a Paper titled "**Automatic Bridge Monitoring System using IOT**" in the 4th International Conference on Intelligent Computing (IConIC) organized by Panimalar Engineering College between March 26 and 27, 2021.
22. Participated in the Virtual 3rd International Conference on Engineering Challenges in Gulf Countries, The Institution of Engineers, Kuwait Chapter on 22 Jan, 2021.
23. Presented a Paper titled, "**Automated Irrigation System And Detection Of Nutrient Content In The Soil**", VIRTUAL IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS-2020) during December 10-11, 2020.
24. Presented a Paper titled, "**Prostate Cancer Discernment**", VIRTUAL IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS-2020) during December 10-11, 2020.
25. Presented a Paper titled, "**Hash Algorithm Approach for Video Steganography Using Hybrid Neural network**", VIRTUAL IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS-2020) during December 10-11, 2020.
26. Presented a Paper titled, "**Comfortable - An App for Emergency**", 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, 2020.

27. Presented a Paper titled, "**i see stick**", 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, 2020.
28. Presented a Paper titled, "**XSS Attack Detection and Avoidance**", 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, 2020.
29. Presented a Paper titled, "**Prostate Cancer Discernment**", 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, 2020.
30. Presented a 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.
31. Presented a 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.
32. Presented a Paper titled, "**IOT Based Firs Exterminating Robot**", 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 a paper "**System for Passenger Comfort and Services in Railways based on IOT**", International Conference on Science Engineering & Technology Organized by Jeppiaar Engineering College on **23rd & 24th March, 2018.**
34. Presented a paper "**Multi-farious Coadunation of Corrective Image in Aesculapian Domain**", 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 a paper titled, "**Mobile VR Simulation With Navigation**", International Conference on Science and Innovative Engineering at Jawahar Engineering college on **2nd April 2017.**
36. Presented a paper titled, "**Development of IOT and ZIGBEE based Irrigation And Cultivation system for Agriculture**", International conference on Computational Science And Technology,Organized by Dept of CSE, Sri SaiRam Engineering College, **9th March 2017 & 10th March 2017.**

37. Presented a paper titled, "**Potent Statistics Distribution With Multi User Modification in Public Integrity Auditing**", Proceedings on International conference on Electrical ,Electronics,computer science ,Mathematics, physical Education & Management Institute of Research and Journals, **10th April 2016.**
38. Presented a paper titled, "**Fingerprint Image Enhancement using Preprocessing and Matched Filtering**", International conference on Advances in Computer, Communication & Management – Organized by Sun College of Engineering and Technology, Erachakulam, on **18th, 19th and 20th February, 2013.**

NATIONAL CONFERENCE

1. Presented a paper titled, "**Speed-net : Speech Emotion Detection Network**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organized by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
2. Presented a paper titled, "**IOT Based Weather Reporting System Using Arduino And Node Mcu**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organized by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
3. Presented a paper titled, "**Healthcare Claims Pre Processing System** ", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organized by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
4. Presented a paper titled, "**Design of Product Placement Layout in Retail Shop using Market Basket Analysis**", National Conference on Smart Innovations in Communications and Computing(NCSICC-2021) - Organized by Dept. of CSE, Sri Sairam Engineering College on 24th March, 2021.
5. Presented a paper titled, "**A Smart Shopping for Visually Impaired People using Optical Character Recognition**", National Conference on Smart Innovations in Communications and Computing" (NCSICC'19) – Organized by Dept of CSE, Sri Sairam Engineering College, Chennai on **05th March, 2019.**
6. Presented a paper titled, "**Smart Voting System using ATM**", National Conference on Smart Innovations in Communications and Computing" (NCSICC'19) – Organized by Dept of CSE, Sri Sairam Engineering College, Chennai on **05th March, 2019.**
7. Presented a paper titled, "**Multitudinous of Remedial medical Image Using Stationary Wavelet Transform**" National Conference on Smart Innovations in Communications and Computing (NCSICC'18) – Organized by Dept of CSE,Sri SaiRam Engineering College Chennai on **27th March 2018.** (certificate missing)
8. Presented a paper titled, "**Seclusive Web-based Disease Inference and Decision Support System**", National conference on Communication and Informatics, Sri Venkateswara College of Engineering, on **01st & 02nd April, 2016.**
9. Presented a paper titled, "**Fingerprint Image Enhancement using Preprocessing and Matched Filtering**", National conference on Recent Trends in Information Technology and Communication – Organized by Karpaga Vinayaga College of Engineering and Technology, on **20th February, 2013.**

10. Presented a paper titled, "**Robust Hash-Based Authentication for Digital Images**", National conference on Emerging Technologies – Organized by M. Kumarasamy College of Engineering, on **02nd February, 2008**.
11. Presented a paper titled, "**Image Authentication with Robust Hash-Based Technique**", National conference on Innovation in Information Technology – Organized by Saranathan College of Engineering, on **01st March, 2008**.

FDP/ WORKSHOP/ SEMINAR

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	FDP - Emerging Trends in Artificial Intelligence (AI): Innovations and Applications	Sri Sairam Engineering College	16.12.2024 - 21.12.2024
8	PDP-ICT for Teaching & Learning	National Institute of Technical Teachers Training & Research	10.06.2024 - 14.06.2024
9	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
10	FDP - ChatGPT	ASET College of Science and Technology	27.11.2023 - 01.12.2023
11	Workshop - Art of Writing	Sri Sairam Engineering C...	20.11.2023

12	Workshop - International Online Workshop on “Academic Writing: Ethical Issues”	Global Institute of Statistical Solutions	25.02.2023 - 27.02.2023
13	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
14	Workshop - Journal Paper Writing	Ramco Institute of Technology, Rajapalayam	10.02.2023
15	FDP - Platforms & System Security in Cyber Space	VNR Vignana Jyothi Institute of Engineering and Technology	30.01.2023 - 04.02.2023
16	FDP - Hands-on Training on Data Science Tools	Sri Sairam Engineering College	23.01.2023 - 28.01.2023
17	FDP - Innovative and Exploratory Ideas in Data Science	Sri Sairam Engineering College	02.01.2023 - 06.01.2023
18	FDP - No Code and Low Code Machine Learning Techniques	Dept of IT,SSEC & L&T Mindtree	19.12.2022 -23.12.2022
19	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
20	FDP - Research Advancements in Intelligent Computing Technologies	Sri Krishna College of Engineering and Technology	19.12.2022 - 23.12.2022
21	FDP - Emerging Research Trends in Computing Technologies	Dr. M.G.R. Educational and Research Institute	28.11.2022 to 02.12.2022
22	FDP - Advanced Techniques in Computing Sciences and Applications	Saveetha College of Liberal Arts and Sciences	19.11.2022 to 23.11.2022
23	Webinar - Upcoming Trends in Wearable Electronics and Internet of Things (IoT)	National Institute of Technical Teachers Training and Research	15.10.2022
24	FDP - Data Science Tools	Easwari Engineering College	07.10.2022 to 20.10.2022
25	FDP - Foundations of Data Science	VNR Vignana Jyothi Institute of Engineering and Technology	02.08.2022 - 07.08.2022
26	FDP - Insights and OPen Challenges in Computing Technologies	Sri Sairam Engineering College	11.07.2022 to

			15.07.2022
27	FDTP - Data Structures	Karpagam College of Engineering, Coimbatore	20.06.2022 to 25.06.2022
28	ISTE-STTP “Data Science & Machine Learning	SRM Institute of Science and Technology, Ramapuram,	06.06.2022 to 11.06.2022
29	FDP - Cyber Crime & Forensic Tools	NITTTR, Chandigarh.	23/05/2022 to 27/05/2022
30	FDP- TNST Trainer's Training on Entrepreneurship	Government College of Technology, Coimbatore	09.05.2022 to 15.05.2022
31	Quiz - World IP Day	National Level Quiz, Sri Sairam Engineering College	26.04.2022
32	FDP - Next Generation Computing: Key Trends, Challenges and Opportunities	SRM Institute of Science and Technology, Chennai	18.04.2022 - 23.04.2022
33	Training Program - National Intellectual Property Awareness Mission	Ministry of Commerce and Industry, Intellectual Property Office, India	18.04.2022
34	Workshop - Cybersecurity	World Resources Webinar, Bannari Amman Institute of Technology, Taylor’s University	10.04.2022
35	Webinar - MOOC’s & Cyber Security	Silicon City College, Bengaluru	26.02.2022
36	FDP-Artificial Intelligence in Health Care	Sri Sairam Engineering College	21.02.2022- 25.02.2022
37	FDP-Recent Trends in Research	SRM University of Science & Technology-Vadapalani Campus	09.02.2022- 10.02.2022
38	FDP-AI-Diving in IOT & Computer Vision	JSPM’S Rajarshi Shanhu College of Engineering, Maharashtra	17.01.2022 -22.01.2022
39	Webinar - Immunizing Cyber Security	University College of Engineering, Thirukkuvalai	12.01.2022
40	FDP - AI -Natural Language Processing`	University College of Engineering Kakinada (A)	29.11.2021 - 03.12.2021
41	FDP - Augmented Reality/Virtual Reality and	Sri Sairam Engineering	04.10.2021 -

	its applications	College	08.10.2021
42	Webinar - Mathematician Enroute to Data Analytics and Machine Learning	Voorhees College Vellore	15.09.2021
43	Webinar - Oracle Academy Faculty Day	Oracle Academy	10.08.2021
44	Workshop - Art of Research	Sri Sairam Engineering College	23.08.2021 - 24.08.2021
45	Webinar - Challenges and Opportunities in Urban Sanitation	Sri Sairam Engineering College	06.08.2021
46	Workshop - Big Data Analytics in Cloud Computing using Python Programming	Annamalai University	09.07.2021 - 10.07.2021
47	FDP - International FDP Progresses in Computer Science and its Applications	Vels Institute of Science Technology and Advanced Studies	09.07.2021 - 14.07.2021
48	STTP - Full Stack AI and Deep Learning Practitioner Approach	Koneru Lakshihaiiah Education Foundation, Andhra Pradesh	07.06.2021 - 19.6.2021
49	FDP - Inculcating Universal Human Values in Technical Education	AICTE	28.06.2021 - 02.07.2021
50	Webinar - Outcome Based Learning Process in Technical Education	National Institute of Technical Teachers and Research, Chennai	06.05.2021
51	Webinar - International Webinar on Blockchain Technology	Kombolcha Institute of Technology, WOLLO University	07.05.2021
52	Webinar - Implementation of National Education Policy 2020	Sathyabama Institute of Science and Technology	23.04.2021
53	Workshop - 6 Days National Workshop on Research Methodolgy	Queens College of Arts and Science for Women, Punalkulam	19-04-2021 -24.04.2021
54	Webinar - Scene Understanding using Deep Learning	Sri Sivasubramaniya Nadar College of Engineering	10.04.2021
55	FDP - Essentials of Outcome Based Education	Dr. M.G.R. Educational and Research Institute	15.03.2021 - 19.03.2021
56	FDP - Virtual Reality and Augmented Reality	Guru Nanak College	08.03.2021 - 11.03.2021

57	Microsoft AI Classroom Series	NASSCOM	09.03.2021
58	STTP - Speech and Image Processing using Deep Learning Techniques	Annamalai University	03.03.2021 - 09.03.2021
59	STTP-Big Data Analytics in Genetics	SRM Institute of Science and Technology	22.02.2021 - 27.02.2021
60	Online Training Program - LabVIEW Programming	National Institute of Technical Teachers Training and Research (NITTTR), Chennai	15.02.2021 - 19.02.2021
61	FDP - Teaching Learning Methods Towards Outcome Based Education	Velammal Institute of Technology	10.02.2021 - 23.02.2021
62	STTP - Internet of Things (IoT) with Blockchain - Applications and Challenges	Velalar College of Engineering and Technology, Erode	01.02.2021 - 06.02.2021
63	FDP - Six Sigma for Industrial Projects	MHRD Institution Innovation Council, Sri Sairam Engineering College	01.02.2021
64	Webinar - Copyright is an Intellectual Property	Sri Sairam Engineering College	28.01.2021
65	International Workshop on Automatic Speech Recognition(IWASR 2021)	SRM Institute of Science and Technology	18.01.2021 - 20.01.2021
66	ATAL FDP - Immersive Virtual Reality (IVR) online	S R University, Warangal, Telangana State	04.01.2021 - 08.01.2021
67	Microsoft AI Classroom Series	NASSCOM	18.12.2020
68	Webinar-35 th Indian Engineering Congress	The Institution of Engineers	18.12.2020- 20.12.2020
69	Virtual Conference-Innovation in Computer Science and Engineering and Information Technology	CSI Allahabad Chapter	19.12.2020
70	STTP - Computer Forensics and Cyber Crime	JSS Academy of Technical Education, Noida	14.12.2020- 19.12.2020
71	Workshop-AICTE Marghadarshan NBA	Sri Sairam Engineering College	02.12.2020- 08.12.2020
72	FDP - Redefining the Role of Teachers	Sri Kanyaka Parameswari Arts and Science College for Women	13.12.2020
73	FITP - Emerging Trends and Scope in Data Science	SRM Institute of Science and Technology	23.11.2020 - 04.12.2020

74	STTP - Computer Forensics and Cyber Crime	JSS Academy of Technical Education, NOIDA	04.12.2020 - 19.12.2020
75	STTP - Incorporating the technique of Blockchain and Artificial Intelligence to face the Security and Privacy Challenges of IT Infrastructure	KCG College of Technology	14.12.2020 - 19.12.2020
76	Quiz - Awareness Programme on Disaster Management and Safety	Disaster Management and Safety Club, Sri Sairam Engineering College	19.12.2020
77	Webinar-35 th Indian Engineering Congress	The Institution of Engineers	18.12.2020 -20.12.2020
78	National FDP - Redefining the Role of Teachers	Sri Kanyaka Parameswari Arts and Science College for Women	13.12.2020
79	STTP-Cybersecurity And Blockchain Technology	Sanjivani College Of Engineering, Kopargaon	07.12.2020 - 12.12.2020
80	Atal Fdp-Data Sciences	Sri Krishna College Of Engineering And Technology	07.12.2020 - 11.12.2020
81	STTP-Supervised And Unsupervised Machine Learning Using Google Cloud	R.M.K. College Of Engineering And Technology.	16.11.2020 - 21.11.2020
82	WEBINAR-Quantitative Data Analysis In R Using STATCRAFT	Sri Sivasubramaniya Nadar College Of Engineering	11.11.2020
83	International Webinar-Full Stack Development	Srm Valliammai Engineering College	07.11.2020
84	Atal Fdp-Iot	Governments Engineering College, Rajkot	02.11.2020 - 06.11.2020
85	FDP-Research Perspectives In Machine Intelligence And Computing	Sri Sairam Institute Of Technology	27.10.2020 - 31.10.2020
86	Webinar-IEEE Benefits To Research Community	Srinivas University,Karnataka	23.10.2020
87	National Program for IP Literacy and Awareness	MHRD - Kapila	15.10.2020 to 23.10.2020
88	STTP - Zero-Shot Learning By Convex Combination of Semantic Embeddings	Sri Krishna College Of Engineering & Technology, Coimbatore	12.10.2020 -25.10.2020
89	STTP-Building Intelligent Applications With Deep Learning Using Pytorch	Rajalakshmi Institute Of Technology	05.10.2020 - 10.10.2020
90	STTP - AICTE -Big Data Analytics	Vels University	21.09.2020 -26.09.2020
91	Atal Fdp-Data Sciences	Erode Sengunthar Engineering College	07.09.2020 -11.09.2020

92	Fdp-Data Science	Rajalakshmi Institute Of Technology	24.08.2020 - 28.08.2020
93	International FDP-Insight And Trend In Data Analytics	Karpagam College Of Engineering	21.08.2020 -26.08.2020
94	Webinar- Artificial Intelligence for BioInformatics	St. Aloysius College (Autonomous), Mangaluru	13.08.2020
95	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
96	FDP-Blue Chips Of The Current Industry - ML And Big Data	Sathyabama Institute Of Science And Technology	30.07.2020 - 04.08.2020
97	Fdp-A Journey With Entrepreneurs	Sathyabama Institute Of Science And Technology	29.07.2020 - 04.07.2020
98	Quiz - Natural Language Processing	Mandsaur University, Mandsaur	03.07.2020
99	E-Quizing	WoWWW Cell & Fine Arts Club	23.06.2020
100	Quiz - TeckSkill in Computer Programming	ComSTA (Computer Science Technical Association)	13.06.2020 - 17.06.2020
101	Quiz - NET/SLET Paper - II (Computer Network)	AG Arts and Science College	13.06.2020
102	Webinar - International Webinar IIOT- Real Time Approach	R.V.S. College of Engineering	13.06.2020
103	Webinar -R&D Proposal Writing For Faculties	Sri Sairam Engineering College	12.06.2020
104	Quiz - Aspects of Curriculum	S.B.T. College of Special Education	10.06.2020
105	Webinar -Recent Advancements In AI,IOT &Datascience	B.S.Abdur Rahman Cresecent Institute Of Science & Technology	08.06.2020 -12.06.2020
106	Seminar-Virtual Power Seminar-Oracle Db,Query&Trends	Kings Engineering College , Chennai	08.06.2020
107	Expert Talk - Blockchain Technology: A Potential Game Changer	SRM Institute of Science and Technology	2.06.2020
108	Fdp-Big Data Engineering	Kings Engineering College , Chennai	01.06.2020 - 05.06.2020
109	Fdp-Arduino	Kings Engineering College , Chennai	01.06.2020 - 05.06.2020
110	Workshop - International Workshop on Big Data Analytics	SSN College of Engineering	28.05.2020 - 30.05.2020

111	Virtual Session On Research & Post Doctoral Fellowship Opportunities In Foreign Universities	Sri Sairam Engineering College	29-05-2020
112	FDP -Data Science Using Python	Jeppiaar Institute Of Technology	18-05-2020 - 22-05-2020
113	Fdp - Cs6701 Cryptography And Network Security	Panimalar Institute Of Technology	11-05-2020 - 15-05-2020
114	Webinar On “E-Learning Tools For Empowering Quality Of Education”	Saveetha School Of Management, Saveetha Institute Of Medical And Technical Sciences(SIMATS),	13-05- 2020
115	FDP - “Machine Learning For Beginners”,	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY In Association With Indian Servers.	09-05-2020
116	Fdp -Python 3.4.3	Sathyabama Institute Of Science And Technology,-Iit Bombay Spoken Tutorial	04.05.2020 - 08.05.2020
117	FDP - Recent Trends In Information, Computing, Communication And Teaching Methodology Competency	Sri Sairam Engineering College - Dept CSE, ECE & IT	04-05-2020 - 17-05-2020
118	International FDP - Develop The Ability To Write Research Proposal	Adarsh Group Of Institutions, AIMT, KARNATAKA	24-04-2020
119	Webinar - Recent Trends In Computer Science	St. Joseph College, Trichy	24-04-2020 - 25-04-2020

120	Webinar - Season 1-Technology For Future Design -	Ict Academy - Skycampus	09-04-2020 - 18-04-2020
121	Fdp -R	Adhiparasakthi Engineering College-Iit Bombay Spoken Tutorial	22.04.2020
122	FTP On State Of The Art Technologies In Information Security	Anna University(CEG Campus) Chennai	02-12-2019 - 06-12-2019
1232	FDP on CS6701 - Cryptography and Network Security	Panimalar Institute Of Technology	11.05.2020 - 15.05.2020
124	FDP On Nextgen Techstack	Dept Of CSE(SSEC)	08.04.2019 - 12.04.2019
125	FDP on "Outcome Based Education"	IAQC, Sri Sairam Engineering College	05.04.2019 - 06.04.2019
126	FDP on "Engineering Teaching Pedagogy and Teaching Learning Process"	Sri Sairam Institute of Management Studies, Sri Sairam Engineering College	03.12.2018 - 07.12.2018
127	National Seminar on "Cyber Security"	SSN College of Engineering	14.03.2019 -14.03.2019
128	FDP on Problem Solving & Python Programming	Sri Sairam Engineering College	11.06.2018 - 18.06.2018
129	Tech Workshop on Redhat(open source) Technology and industry Adaptation	Sri Sairam engineering college associated with Advantage pro,Redhat Linux	05.12.2017
130	FDP On Cloud and Automation. Train the Trainers on Microsoft Azure cloud	TCS	28.12.2016 - 06.01.2017
131	FDP on Grid and Cloud Computing	Sri Sai Ram Engineering college	08.08.2016 -09.08.2016
132	FTP on Grid & Cloud Computing Lab	Jeppiar SRR Engineering College	05.05.2016- 07.05.2016

133	Workshop on Mobile Application Development	Sri Sai Ram Engineering College dept of Cse	17.02.2016 – 20.02.2016
134	FDTP on “Compiler Design”	Jeppiar Engineering College	22.01.2016- 29.01.2016
135	Workshop on “Compiler Design”	Jeppiar Engineering College	21.01.2016
136	Workshop on "How to publish a Technical Paper with IEEE"	IIT Madras	20.08.2015
137	FDP on Cloud Computing and Virtualization	Department of CSE, Sri Sai Ram Engineering College	02.03.2015 06.03.2015
138	FDP on Cloud computing and Big Data	Department of CSE Sri Sai Ram Engineering College	08.12.2014 -09.12.2014
139	FDP on Cloud Computing	Department of IT And TCS at Sri Sai Ram Engineering College	05.05.2014
140	FDP on Big Data and Internet of Things	Department of CSE, Sri Sai Ram Engineering College	10.02.2014 – 14.02.2014
141	FDP on Recent Trends in Cloud Computing and Virtualization	Department of CSE, Sri Sai Ram Engineering College (Certificate Not Available)	04.11.2013 – 08.11.2013
142	Seminar on “Cloud Computing and Semantic Web”	International Conference on Information, Systems and Computing	04.01.2013 – 05.01.2013
143	Workshop on Network Simulator NS2	Jeppiar Engineering College	19.11.2012 - 20.11.2012
144	FDP - Instructional Methodolgy Enhancement Programme on Fundamentals of Computing and Programming	Centre for Academic Excellence, Anna University Trichy	15.09.2008

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	Introduction to Operating Systems	NPTEL	Jul-Sep 2023

2	Introduction to Internet of Things	NPTEL	Jul-Sep 2023
3	Design & Implementation of Human-Computer Interfaces	NPTEL	Jul-Sep 2023
4	Foundations: Data, Data, Everywhere	Coursera	28.04.2023
5	Module 2: Professional Ethics and Sustainability	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
6	Module 6: Student Assessment and Evaluation	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
7	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
8	Module 8: Institutional Management and Administrative Procedures	NITTT, All India Council for Technical Education (AICTE)	Feb 2023
9	Artificial Intelligence with Python	Great Learning Academy	Dec 2022
10	Programming in Java	NPTEL	Jul - Oct 2022
11	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTT, All India Council for Technical Education (AICTE)	July 2022
12	Module 3: Communication Skills, Modes and Knowledge Dissemination	NITTT, All India Council for Technical Education (AICTE)	July 2022
13	Module 5: Technology for Technical Teachers Training	NITTT, All India Council for Technical Education (AICTE)	July 2022
14	Module 4: Instructional Planning and Delivery	NITTT, All India Council for Technical Education (AICTE)	30.11.2021
15	Cloud Foundations	Great Learning Academy	May 2022
16	Capstone: Retrieving, Processing and Visualizing Data with Python	Coursera	09.06.2020
17	Introduction to Data Science in Python	Coursera	27.05.2020
18	Python Data Structures	Coursera	25.05.2020
19	Build a Full Website using Wordpress	Coursera	20.05.2020
20	Introduction to Web Development	Coursera	02.06.2020
21	Beyond the Sustainable Development Goals (SDGs): Addressing Sustainability and Development	Coursera	25.07.2020

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

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