Dr. Ananthi M

No. 995, TNHB Main Road, Velachery,

Chennai-600 042. Tamil Nadu, India.

Mobile :+91 9444009711
Email : ananthimanikandan2001@gmail.com,

ananthi.csbs@sairam.edu.in

NAME : Dr. M. ANANTHI

DESIGNATION : PROFESSOR

DEPARTMENT : Computer Science and Business Systems

PLACE OF WORK : Sri Sairam Engineering College, Chennai, Tamilnadu

QUALIFICATION : B.E., M.E., Ph.D.,

AREA OF SPECIALIZATION : Data Stream Management

TOTAL EXPERIENCE : 25.3 Yrs

Aim:

To encourage creativity and foremost thinking among students and elevate academic and innovative research activity standards.

Experience:

2021 to Till date: Presently working as Professor and former Head of Department of Computer Science and Business Systems, Sri Sairam Engineering College, Chennai, Tamilnadu

2001 to 2020 : Lecturer to Associate Professor, Department of Information Technology, Sri Sairam Engineering College, Chennai, Tamilnadu.

1999 to 2000 : Lecturer, JJ College of Arts and Science, Pudukkottai, Tamilnadu

Education:

➢ Ph.D. in Information & Communication Engineering (Data Stream Management specialization), Anna University, **2010-2017.**

Title of Ph.D. Thesis: Efficient Data Stream Management Using Adaptive Clustered Indexing and Dynamic Heuristic Optimization Approach.

➢ M.E. in Computer Science and Engg. Sathyabama University, **2005-2007.**

➢ B.E Computer Science and Engg., Bharathidasan University, 1995-1999.

Membership in Professional Bodies:

IEEE Membership No. - 97795902

Member in IEEE TEMS society and IEEE Reliable Society

CSI Computer Society of India - F8004828

Institute For Engineering Research and Publication (IFERP) Professional Member - PMIN84629173

ISTE LIFE MEMBER – LM35698.

Member of International Association of Computer Science and Information Technology (IACSIT), Singapore - 80343593.

Member of the International Association of Engineers (IAENG), Hong Kong-118742. ORCID ID - 0000-0003-3581-6918

Scopus Author ID - 55786878500

Web of Science ResearcherID - ABG-5204-2020

Google Scholar citation :

https://scholar.google.com/citations?user=yHWogbEAAAAJ&hl=en

Publication &Citations	SCI	WoS	Scopus	Others
Count (55)	5	10 (Core) out of 21	28	19

Research Competency and Contributions:

RESEARCH SUPERVISOR:

★ Acted as a Joint Supervisor for the candidate Mr. Prabhu in SRM University

PATENT GRANTED:

❖ A Robotic Cleaning Device - Design Patent - Appln. No. 350505-001- FER generated on 10/11/202, granted on 04/01/2023

❖ Legs Exercising Machine - Design Patent - Appln. No. 365842-001-CBR generated on 10.6.2022

PATENT PUBLISHED:

❖ Effective Lighting Management System in Automobiles using Peltier and Seebeck Modules - Application No.202241076693 A Filed on ::29/12/2022 Publication date: 06/01/2023

❖ Gesture-based anti-rape device - Application. No. 202141037955 A Filed on : 21.8.2021 Publication Date: 27.8.2021

BOOK CHAPTER CONTRIBUTIONS:

1. K. Karunamurthy, G. Suganya, M. Ananthi, T. Subha, "Predicting Effectiveness of Solar Pond Heat Exchanger with LTES Containing CuO Nanoparticle Using Machine Learning", Applied Learning Algorithms for Intelligent IoT, 1st Edition, 2021, eBook: 29 October 2021, LocationBoca Raton, ImprintAuerbach Publications, DOI https://doi.org/10.1201/9781003119838, Pages 368, ISBN 9781003119838

FUNDING PROJECTS & PROJECTS GUIDED:

1. Got Rs. **2,00,000**/- funding for a project "**Effective Lighting Management System in Automobiles**" from Entrepreneurship Development Innovation Institute EDII under Startup Innovation Voucher Program IVP Category A on 30.10.2022.

2. Guided a Project "**PHALIA - A mobile app for Self Help Groups**" which won first prize in the Smart India Hackathon 2022 under the Ministry of Rural Development conducted at SAGE University, Indore.

3. Proctored to guide and oversee competing teams in IEEE Xtreme 15.0 programming competition that hosted +12,900 participants on 23rd October 2021,2022 and 2023.

4. Guided a project "**A mobile based CORONA(STAMPEDE) Control System**" in the 5th National Level IEEE Project Competition-2021 organized by IEEE Student Branch (STB17861), GSSSIETW in association with IEEE Bangalore Section and IEEE Mysore Subsection on 26th June 2021.

5. Acted as a guide for the project "**Endocrinologist - Diabetes Prediction using Machine Learning Algorithm**" and was selected as a finalist in the **IoT Innovation Contest** organized by Nasscom in 2019-20.

6. Guided the project "**A Medicare System for Personal Healthcare Management**" - **Finalists in the 7ᵗʰ CSI In-App National Student Project Awards 2018**, Trivandrum, Kerala.

7. Got funding Rs. **10000/-** for the project "**Oblimedy - Personal Healthcare Management through IoT**" from **Tamilnadu State Council for Science and Technology** under the Student Project Scheme 2017-2018.

8. Acted as a Guide for the project "**OBLIMEDY – Personal Healthcare Management through**

IoT" and has been awarded as **Best Project** in the **IoT Innovation Contest** organized by Nasscom in 2016-17.

9. Acted as a Guide for the project "**Smart Evidence Sender a Device to Monitor Crimes**" and was selected for **INAE award finalists** in 2016.

PUBLICATIONS:

INTERNATIONAL JOURNALS

1. **Ananthi, M., Valarmathi, K., Ramathilagam, A. et al., (2025) "Hybrid lion and exponential PSO-based metaheuristic clustering approach for efficient dynamic data stream management.",** Scientific Reports - Nature, ISSN: 2045-2322, https://doi.org/10.1038/s41598-025-07404-9, Vol.15, 22343 (2025), 1 July 2025. **[SCI,WoS,Scopus]**

2. **M. Ananthi, A. Nancy, A. Punitha, and Asha Gowda Karegowda, (2025) "Fog-based Health Care Monitoring System: A Deep Learning Paradigm for IoT Sector",** Journal of Circuits, Systems and Computers, https://doi.org/10.1142/S0218126624500208. **[SCI,WoS, Scopus]**

3. **M Ananthi, Annapoorani Gopal, K Ramalakshmi, P Mohan Kumar,** "**Gaussian Adapted Markov Model with Overhauled Fluctuation Analysis-Based Big Data Streaming Model in Cloud**", Big Data, 2023 Oct 30. doi: 10.1089/big.2023.0035 **[SCI, Scopus]**

4. **M. Ananthi, Rahul, Barathram (2021),** "**Distracted Driver Behaviour Recognition with ComputerVision using Deep Convolutional Neural Network in Real World Application**", International Journal on Cybernetics & Informatics, 7.5.2021.**[Google Scholar]**

5. **M Ananthi, K Vijayakumar, (2020)** "**Stock market analysis using candlestick regression and market trend prediction (CKRM)**", Journal of Ambient Intelligence and Humanized Computing, https://doi.org/10.1007/s12652-020-01892-5, pp. 1- 8, 23 Apr 2020. **[Science Citation Expanded, WoS(Publons), Scopus, UGC-Care List, ACM, Google Scholar]**

6. **M. Ananthi, K. Vijayakumar (2020)** "**An intelligent approach for dynamic network traffic restriction using MAC address verification**", Computer Communications (Elsevier), Volume 154, 15 March 2020, Pages 559-564, DOI: https://doi.org/10.1016/j.comcom.2020.02.021. **[Web of Science(Publons), Scopus, Science Citation Expanded, UGC-Care List]**

7. **Ananthi.M, Aishwarya. G, Nivedha. A, Reshma.R, (2019)** "**Online Trial Room**," Journal of Emerging Technologies and Innovative Research (JETIR), Vol 6, issue 4, pp. 193-199, ISSN: 2349-5162. **[UGC Journal(Old list), Google Scholar]**

8. **Ananthi M, Priyanka S, Kreethika G, Sai Shruthi S, (2018)** "**A Medicare System for Personal Healthcare Management**," International Journal of Engineering & Technology(IJET), vol.7, No. 4.39, special issue.39, pp. 760-763, ISSN:2227-524X, Oct 2018. **(Scopus, Google Scholar)**

9. **M. Ananthi, M.R. Sumalatha, (2018)** "**Dynamic Processing and Analysis of Continuous Streaming Stock Market Data Using MBCQ Tree Approach**," Smart and Innovative Trends in Next Generation Computing Technologies - Communications in Computer and Information Science(CCIS) Springer book series, Vol. 827, pp. 623 – 640, June 2018. **[Scopus, UGC-care list, Google Scholar]**

10. **M. Ananthi, M.R. Sumalatha, (2017)** "**Efficient data retrieval using adaptive clustered indexing for continuous queries over streaming data**," Cluster computing - The Journal of

Networks, Software Tools and Applications, Springer Journal, Vol. 20 (17), pp. 1-15, ISSN: 1386-7857 (Print) 1573-7543 (Online), 2017, IF: 2.040. **[Sci&EI Index, WoS(Publons), Scopus, Google Scholar,etc, UGC-Care list(OLD)]**

11. **M. Ananthi, Nikat Parveen (2017)** "**Network Monitoring Tools and its Parameters**", Journal of Advanced Research in Dynamical and Control Systems, Vol. 9 (1), 2017, pp. 98-102, ISSN: 1943 – 023x. **[UGC-Care List, Elsevier Scopus(Old)]**

12. **M. Ananthi, M R Sumalatha,(2016)** "**Efficient Query Processing of Streaming Data Using Dynamic Heuristic Optimization Approach,"** Asian Journal of Information Technology, Vol. 15 (15), pp. 2671-2678, 2016, ISSN: 1682-3915, Medwell Journals, 2016. **[Scopus, Google Scholar]**

13. **M.Ananthi, Ashwini.T, Bhavya.U, ShanmugaPriya.R**, **(2016)** "**Smart Evidence Sender A Device to Monitor Crimes**," International Journal of Science and Innovative Engineering & Technology, Volume 1 May issue 2016, ISBN 978-81-904760-8-9.

14. **M. Ananthi and M. R. Sumalatha,(2015)** "**Timestamp Embedding Query Stream Processing Engine**", Indian Journal of Science and Technology, Vol 8(27), 74930, October 2015, ISSN (Print): 0974-6846, DOI: 10.17485/ijst/2015/v8i27/74930. **[Additional WEB OF SCIENCE Indexes]**

15. **Marthe Ranjani A, Ananthi M, (2014) "TOP-K Queries Dispensation: A Vivacious Approach",** published in International Journal of Advanced and Innovative Research (2278-7844), pp. 70-74, Volume 3 Issue 1, 2014.

16. **M. Ananthi, A. Marthe Ranjani**, **(2013)** "**Optimal Top-K Queries Processing: Sampling and Dynamic Scheduling Approach**" published in the International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501, Vol.3, No6, December 2013, Pg. 445 – 448.

17. **M. Ananthi, P.J. Sinijoy (2013)** "**Query Prediction and Suggestion for Mobile Phones**" presented in the International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459(Online), Volume 3, Special Issue 1, January 2013.

18. **M. Ananthi, Jeevitha (2012)** "**Unique Technique Based Digital Services embedded along with semantic cluster search**" presented in the International Journal of Research in Embedded Systems Applications – IJRESA, Vol 01, Issue 01; April 2012.

NATIONAL JOURNALS:

1. "**Web Vulnerability Scanner for Detecting Vulnerabilities by Static and Dynamic Testing in Web Applications**", National Journal on SSEC TECH JOURNAL – 2008.

INTERNATIONAL CONFERENCES

1. **Ramamoorthy, Raghu & Velu, Anitha & Valarmathi, C & Ananthi, M (2025), "**Evaluating Mobility Models for IH-VANETs: A Simulation-Based Analysis", Conference: 2025 International Conference on Computing and Communication Technologies (ICCCT), 1-5. 10.1109/ICCCT63501.2025.11020005.

2. **Ananthi, M., Mangayarkarasi, T. (2024). Sector-Based Incremental Clustering and Scalable Deletion for Real-Time Big Data Streaming Application,** Deep Sciences for Computing and Communications. IconDeepCom 2023. Communications in Computer and

Information Science, vol 2177. Springer, Cham. https://doi.org/10.1007/978-3-031-68908-6_40.

3. **Sai Sunilkumar, M. Ananthi, T. Mangayarkarasi, J. Dharshini, and K. U V, "Modified Blood Oxygen Levels Detection**", IEEE Smart Cities Newsletter, Aug 2023.

4. **M. Ananthi, Aathrayee Shankara Narayanan, Dhiraj Prasad T P, Jai Vignesh R,"CARDIOVASCULAR DISEASE PREDICTION USING RANDELISTIC ALGORITHM"**, 2023 International Conference on Circuit Power and Computing Technologies (ICCPCT), 2023, pp. 20-25.

5. **M. Ananthi, Afrin Ruqayyah Fathima M, Srigomathi S, Abirami Rk, "Programmed Number Plate Recognition using Deep Learning"**, 2023 4th IEEE Global Conference for Advancement in Technology (GCAT) Bangalore, India. Oct 6-8, 2023

6. **V. Sneha, M. Ananthi, N. Jagadish Kumar, S. M. Udhaya Sankar, K. Dharshni, S. Arunkumar**, **"A Neural Radiance Field-Based Architecture for Intelligent Multilayered View Synthesis",** 2023 World Conference on Communication & Computing (WCONF), Raipur, India. July 14-16, 202.

7. **M. Keerthana, R. Harish, D. Dhinakaran, S. M. Udhaya Sankar, M. Ananthi, M. Sai Sree,(2023) "IoT Based Automated Irrigation System for Agricultural Activities",** 12th International Conference on Advanced Computing (ICoAC 2023), 18-19 Aug 2023.

8. **Mangayarkarasi T,Madhumita S, Suretha S, Harini M, Ananthi M, Hariharan V, (2022),"Adoption of Extended Reality as a Teaching Tool", 2022** 1st International Conference on Computational Science and Technology ICCST,9-10 Nov 2022.DOI:10.1109/ICCST55948.2022.10040349.

9. **M. Ananthi, J Harinarayanan and M. Muhibulleh, (2022)** " **Power generation and pollution control from unwanted noise"**, AIP Conference Proceedings 2464, 060001, International Conference on Modern Functional Materials (ICMFM-2021) organized by Department of Humanities and Science (Physics) held from 24.6.2021 to 25.6.2021, https://doi.org/10.1063/5.0082762 Published Online: 26 May 2022. **[SCOPUS, UGC Care-List]**

10. **M. Ananthi, D. Prabhu, (2021) "TARS - AI based Personal Assistant",** Fourth International Conference on Computing and Communications Technologies (IEEE) ICCCT'21 organized by Department of Information Technology, Sri Sairam Engineering College, Chennai on 16th & 17th Dec 2021, **DOI:** 10.1109/ICCCT53315.2021.9711890.

11. **M. Ananthi, Rahul, Barathram (2021),"Distracted Driver Behaviour Recognition with ComputerVision using Deep Convolutional Neural Network in Real World Application"**, AICTE sponsored the 4th International Conference on Recent Trends in Advanced Computing (ICRTAC'21) organized by School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology, Chennai in collaboration with National Cheng-Kung University, Taiwan on 11-12 Nov 2021.

12. **M. Ananthi, M. Afrin Ruqayyah Fathima, A. Kavin Prabhakar, M.Srigomathi (2021),"Nanosponges: A Review",** International Conference on Modern Functional Materials (ICMFM-2021) organized by Department of Humanities and Science (Physics) held from 24.6.2021 to 25.6.2021.

13. **M. Ananthi, Rahul, Barathram (2021),** "**Distracted Driver Behaviour Recognition with ComputerVision using Deep Convolutional Neural Network in Real World Application**", Virtual International Conference On Innovative Computational Intelligence organized by Department of Computer Applications, Francis Xavier Engineering College, in association with

Institution's Innovation Council, 7.5.2021.

14. **M. Ananthi, Gayathri.S, Pooja Priyadharshini.V, (2020) "Sudden Infant Death Syndrome"**, International Conference on Advances in Computing Technologies (ICACT -2020) || 18-19 June 2020, Raja Rajeswari College of Engineering, Bangalore.

15. **M. Ananthi**, **M. Yogesh, M. Balamurugan, S. Varun (2019) "Mobile Application Intervention to Enhance Motivated Behavior (MAITEMB)"**, 2019 Third International Conference on Computing & Communication Technologies (ICCCT'19), Feb 21st & 22nd 2019, Sri Sairam Engineering College, ISBN: 978-1-5386-9371-1/19. **[SCOPUS indexed]**

16. **M. Ananthi**, **M.R. Sumalatha (2017) "Dynamic Processing and Analysis of Continuous Streaming Stock Market Data using MBCQ tree Approach"**, 3rd International Conf. on Next Generation Computing Technologies NGCT 2017, Oct 30th – 31st 2017, School of Computer Science & Engg., UPES University, Dehradun, India.**[SCOPUS indexed]**

17. **M. Ananthi**, **T. Sivaranjani, P. Subhadhra, V. Vaishali, (2017) "Smart Electricity Monitoring System (SEMS)"**, 7thInternational Conference on Science and Innovative Engineering 2nd April 2017, Jawahar Engineering College, Chennai.

18. **M. Ananthi**, **Nikat Parveen (2017) "Network Monitoring Tools and its Parameters",** International Conference on Knowledge Discovery and Computational Intelligence, Mar 9-10, 2017, Vels University, Chennai.

19. **M. Ananthi**, **Azhagu Meena, Brindha, (2017) "Upgraded Living-Think IoT and Big Data"**, 2ndInternational Conference on Computing and Communication Technologies 2017, Feb 23 – 24, Sri Sairam Engineering College, Chennai. ISBN: 978-1-5090-6221-8/17. **[SCOPUS INDEXED]**

20. **M. Ananthi**, **Nikat Parveen (2017) "Data Processing for Large Database using Feature Selection"**, 2ndInternational Conference on Computing and Communication Technologies 2017, Feb 23 – 24, Sri Sairam Engineering College,
 Chennai. ISBN: 978-1-5090-6221-8/17. **[SCOPUS INDEXED]**

21. **M. Ananthi**, **T. Ashwini, U. Bhavya, R. Shanmugapriya,(2016) "Smart Evidence Sender a Device to Monitor Crimes"**, 6thInternational Conference on Science and Innovation Engineering ICSIE 2016, 3rdApril 2016.

22. **M. Anathi**, **Sridhevi, (2016) "Dynamic Continuous Query Processing Over Streaming Data,"** IEEE sponsored 5th International Conference on Computation of Power, Energy, Information and Communication ICCPEIC 2016, Adhiparasakthi Engineering College, Chennai, Apr 20,21st 2016. **[WoS(Publons), SCOPUS INDEXED]**

23. Prabu, **Ananthi. M,(2015) "Service and Data Security Enhancement On Cloud Using Multicloud Environment,"** International Conference On Electrical, Electronics And Computer Engineering – ICEECE'15, Vivekanandha College Of Engineering For Women, 11th& 12th March 2015.

24. Sundari. S, **Ananthi. M,(2015) "Secure Multi-Party Computation in Differential private data with data integrity protection"**, IEEE International Conference on Computing and Communications Technologies ICCCT'15, Sairam Engineering College, 26th and 27thJan 2015, DOI: 10.1109/ICCCT2.2015.7292742, pp. 180 – 184. **[WoS(Publons), SCOPUS INDEXED]**

25. M.R. Sumalatha, **M. Ananthi**, A. Arvind, N. Navin, C. Siddarth,**(2014) "Highly Correlated Feature set Selection for Data Clustering"**, IEEE International Conference on Recent Trends in Information Technology 2014 ISBN: 978-1-4799-4989-2/14. **[WoS(Publons), SCOPUS INDEXED]**

26. **M. Ananthi**, M. R. Sumalatha, **(2013)** "**Efficient Management of Semantic Streaming data using TOWL**" in the 4thIEEE International Conference on Computer and Communication Technology (ICCCT-2013), September 20-22, 2013 Organized by IEEE Joint Chapter UP Section and Motilal Nehru National Institute of Technology, Allahabad, India, ISBN: 978-1-4799-1570-5, IEEE Catalog Number: CFP13ICB-CDR. **[WoS(Publons), SCOPUS INDEXED]**
27. **M. Ananthi**, M.R. Sumalatha,**(2013) "Integrating WSN with Web Services for Patient's Record Management using RFID"**, 3rdIEEE International Advance Computing Conference (IACC-2013), February 22-23, 2013, Ghaziabad (UP), India. **[WoS(Publons), SCOPUS INDEXED]**
28. **M. Ananthi**, Jeevitha, **(2012)** "**Unique Technique Based Digital Services embedded along with semantic cluster search**" presented in the International Conference on Information, communication and Embedded Systems ICICES 2012,24th & 25th Feb 2012, organized by S.A Engineering College. **[GOOGLE SCHOLAR]**
29. **Ananthi. M**, Narasimhan. S **(2010)** "**Automatic Street Lamp Control System with Power Theft Detection**" presented at an International Conference on Sustainable Strategies on Technology and Management for Developing Countries held in Singapore.

NATIONAL CONFERENCES

1. **Ananthi.M,** Aishwarya. G, Nivedha. A, Reshma.R**, (2019)** "Online Trial Room," National Conference on Smart Innovations in Communication and Computing (NCSICC'19).
2. **M. Ananthi**, Pavithra. S, Ramya. S, Reshma. R, **(2018)** "Facial Expression Recognition For Autistic Children", National Conference on Recent Trends in Computing and Technology NCRTCT'18 on 7th March 2018 organized by Department of Information Technology, Sri Sairam Engineering College.
3. **M. Ananthi**, T. Ashwini, U. Bhavya, R. Shanmugapriya, **(2016)** "Smart Evidence Sender a Device to monitor crimes", National Conference on Recent Trends in Computing and Technology NCRTCT'16 on 29th April, 2016.
4. **M. Ananthi**, **(2012)** "Integrating web services with WSN to monitor Patients Information through RFID" presented in a National Conference on Advances in Computer Sciences, communication and Information Technologies organized by Jawaharlal Nehru University, New Delhi, 28thJuly 2012
5. **M. Ananthi**, Jeevitha, **(2011)** "Radio Frequency Identification based Digital Service Interoperability for Health Delivery Network" presented in the National Conference on NC-COMNET, organized by Sairam Institute of Technology, Oct 2011.
6. **M. Ananthi**, Mothil Rajan, Premanand, **(2011)** "Defence mechanism against intruders for cloud computing" presented in a National Conference on information and communication engineering organized by Sri Sairam Institute of Technology, 21st Apr,2011.
7. **M. Ananthi**, **(2008)** "Web Vulnerability Scanner for detecting Vulnerabilities by static and dynamic testing in web applications" presented in the National conference on Business Intelligence NCBI'08, organized by Sri Sairam Engineering College, July 2008.

CITATION AND INDEX OF MY RESEARCH ARTICLES:

Research articles are Indexed in Elsevier, Scopus, Sci Index, Ulrich, DOAJ, EBSCO, and Google Scholar and cited in Cite Seer, I-SCHOLAR, Freepatentsonline and Google Scholar.

FUNDING PROPOSALS SUBMITTED:

1. Applied a Project proposal "Modified Blood Oxygen Levels Detection" for Biomedical Device and Technology Development Programme under Technology Development Transfer in DST, Temporary Registration No. : TPN / 94389, 2023.
2. Applied as Knowledge Partner for Entrepreneurship Development and Innovation Institute under the Scheme Innovation Voucher Programme (IVP) for the project titled "Annam", Sep 2022.
3. Applied as Knowledge Partner for Entrepreneurship Development and Innovation Institute under the Scheme Innovation Voucher Programme (IVP) for the "Effective Lighting Management System", Sep 2022.
4. Applied as Knowledge Partner for Entrepreneurship Development and Innovation Institute under the Scheme Innovation Voucher Programme (IVP) for the "Synthesis of Corrosion Inhibitor and Fire Retardant Paint for defense and Industrial purpose", Sep 2022.
5. Applied as Knowledge Partner for Entrepreneurship Development and Innovation Institute under the Scheme Innovation Voucher Programme (IVP) for the project titled "PHALIA", Sep 2022.
6. Applied as Knowledge Partner for Entrepreneurship Development and Innovation Institute under the Scheme Innovation Voucher Programme (IVP) for the "PACHAI KEERAI", Sep 2022.
7. Applied as Principal Investigator for "Cost-Effective Agriculture Solution for Crop Yield Prediction and Monitoring using Reinforcement Deep Learning Algorithms" under SERB-Power Grant, File no. SPG/2021/000878, 2021.
8. Applied as Principal Investigator for DST 2019 Indo-SriLanka Joint Research Programme on the topic "An Innovative Method for Enhancing the Nutrients of the Soil Fertility and Plant Nutrient Management Using CRA Neural Networks", under International Cooperation (Bilateral), Temporary Registration No. : TPN / 43054.
9. Applied as Principal Investigator for DST 2019 Indo-SriLanka Joint Research Programme in the topic "Frontiers in Applications Of Machine Learning And Internet Of Things In Agriculture", under International Cooperation (Bilateral workshop), Temporary Registration No. : TPN/ 42089.
10. Applied as Co-Investigator for SERB 2016-17 Extra Mural Research Funding (Individual Centric) in "Oblimedy-Personal Healthcare Management through IoT" under Engineering Sciences - Electrical Electronics & Computer Engineering,
Reference No: 182016009842.

AWARDS:

❖ **NPTEL Motivated Learners, Jan - Apr 2024**
❖ **NPTEL Believer Award, Jul-Dec 2023**

- ❖ **NPTEL Discipline Star Award, Jul-Dec 2023**
- ❖ **Veeramuthuvel Innovation Award - Winner, 15.3.2024, given by Sri Sairam Engineering College.**
- ❖ **Excellence in Education & Employability Award given by Making India Employable Conference & Awards on 8th September 2023 at Novotel International Airport, Mumbai.**
- ❖ **Best Teacher Award** given by Sairam Institutions - Teacher's Day Award on 5th Sep 2023.
- ❖ **Outstanding Marketer Leader** given by ASMA Higher Education Summit & Awards 2023 on 21st April 2023 at IIT Madras.
- ❖ **Best Smart India Hackathon Coordinator -** won 6 first prizes out of 11 teams in the Smart India Hackathon organized by AICTE MHRD conducted at various locations in India from 25th - 29th Aug 2022.
- ❖ **SIH Mentor -** won First Prize in Smart India Hackathon organized by AICTE MHRD conducted at SAGE University, Indore on Aug 25th - 26th 2022. ❖ **Best Women Scientist Award -** National Level Award by Dr. Kalam Educational Trust for Tribal, 12 March 2021.
- ❖ Got the **Best Research Paper award** for the paper titled "Oblimedy-Personal Healthcare Management through IoT" at the 8thInternational Conference on Innovation, Entrepreneurship, and Economy for Sustainable Development in Oct 2018 organized by Sairam Institute of Management Studies.
- ❖ **Best Women Achievers Award** on Women's Educational Achievers Award by **Kalvi Sudar**, 2014.
- ❖ **Best Teacher Award** by **LEO CLUB** 2006, Chennai.
- ❖ **Best Professor** Award for **Securing 100% Results** in Anna University Examination.

CONSULTANCY WORKS:

★ Academic Facilitator with Team Lease EdTech Ltd., responsible for delivering and managing online classes in collaboration with multiple Universities.

★ Coordinator for Industry trainers as consultancy service on behalf of BuildHr to Azentio Software Internees for consecutive two years 2023 and 2024 (3 Batches).

★ Completed a project "Annam" - App Development for Shriram Properties Ltd for 2 months from Dec 202, Cheque no. 021836, dated 10.01.2023 of Rs. 15,000/

★ Project on "Auto Routing based on Distance" App Development for Paxel Technolabs India Pvt Ltd for 3 months from Jan 2023, of Rs. 20,000/-

RESOURCE PERSON:

1. Keynote Speaker in the National Conference on AI Society, Ethics and Reliability, 2026 held on 19th & 20th January 2026, organized by Majhighariani Institute of Technology & Science, Rayagada, Odisha, India.

2. Session Chair in the International Conference on Recent Challenges in Computing Technologies-ICRCCT2K25 held on 21st & 22nd Nov 2025 organized by Sri Sairam College of Engineering, Anekal, Bangalore.

3. Jury Member in the 24-Hrs Hackathon held on 06th and 7th May 2025 organized by Sri Sairam College of Engineering, Anekal, Bangalore.

4. Guest Speaker in "Fueling Innovation with IEEE: Roadmap to Grants and Growth" organised by Sairam College of Engineering on 4th April 2025.

5. Resource person in IEEE Awareness Program on "IEEE: Powering Innovation, Connecting Professionals" organised by Sairam College of Engineering on 25th Feb 2025.

6. Session Chair in the International Conference on Recent Trends in Computational Engineering and Technologies (ICRTCET -2024) organized by RajaRajeswari College of Engineering, Bengaluru during 25" & 26" July 2024.

7. Guest Speaker in Orientation Program for First Year Polytechnic students organized by Sairam Polytechnic College, 11th July 2023.

8. Facilitator for Azestar Intern Training Program - Azentio Software as a consultancy work for Build Hr on 10.1.2023.

9. Resource Person of Faculty Development Program for the subject "Formal Language and Automata Theory" organized by TCS on Aug 30, 2022.

10. Resource Person in Orientation Program for First Year Students organized by Sairam Polytechnic College, Aug 2022.

11. Project Expo Evaluator in SANTECH 2K22 organized by Sri Sankara Senior Secondary School Adyar on 2nd December 2022.

12. SPOC in Smart India Hackathon 2022 organized by AICTE-MoE's Innovation Cell for the academic year 2021-22.

13. Resource Person as Jury Panelist on 3-day Global Project Manifestation - Technovacion'22 organized by the Department of Information Technology in association with IEEE Computer Society, MIT Square, Coding Ninjas from 16.5.2022 to 18.5.2022.

14. Resource Person in Six-days FDP on "Emerging Trends in Cyber Security" organized by Department of Information Technology, Kings Engineering College, Sriperumbudur, Chennai on 21.2.2022. Topics delivered: SQL Injection, XSS Vulnerability & Service Hacking.

15. Session Chair in Fourth International Conference on Computing and Communications Technologies (ICCCT'21) organized by the Department of Information Technology, Sri Sairam Engineering College, Chennai on 16 - 17 Dec 2021.

16. Reviewer of Papers in the Fourth International Conference on Computing and Communications Technologies (ICCCT'21) organized by the Department of Information Technology, Sri Sairam Engineering College, Chennai on 16 - 17 Dec 2021.

17. Session Chair in AICTE sponsored 4th International Conference on Recent Trends in Advanced Computing (ICRTAC'21) organized by the School of Computer Science and Engineering

(SCOPE), Vellore Institute of Technology, Chennai in collaboration with National Cheng-Kung University, Taiwan on 11-12 Nov 2021.

18. Resource person of "Orientation Programme - Academic Year 2021-2022" organized by Sri Sairam Polytechnic College on 30.7.2021.

19. Resource person of seven days FDP on Technology development on Efficient teaching methods in the topic "Magnify Teaching Skills using Digital Pedagogies" organized by PG & Research Department of History, Pachaiyappa's College, Chennai and C. Abdul Hakeem College, Melvishram on 26.6.2021.

20. Resource person of Wednesday's Webinars on "Getting Acquainted with Papers, Conferences and Journals" organized by IEEE Computer Society of Department of Information Technology, Sri Sairam Engineering College on 9.6.2021.

21. Resource Person of Webinar on "Future Scope in Data Analytics", organized by CMS College of Science and Commerce, Coimbatore on 8.4.2021.

22. Resource person of Webinar on "Introduction to Big Data Analytics and its Research Issues" organized by the Department of Computer Science and Engineering, Builders Engineering College, Kangeyam on 30.6.2020.

23. Resource Person of Webinar on "Hackathon Awareness" to IEEE CS students, Sri Sairam Engineering College on 15.4.2020 at 7 pm.

24. Resource Person and gave a motivational talk on "Skill Development" to the Tamilnadu State Level NSS Volunteers on 23.1.2020 at World University Centre, Chetpet, Chennai.

25. Session Chair in ICTRCET 18 International Conference on Recent Trends in Computational Engineering & Technology organized by Department of Computer Science and Engineering, RajaRajeswari College of Engineering in association with IEEE Bengaluru Section on 17th & 18th May 2018.

26. Session Chair in NCRTCT 18 National Conference on RECENT TRENDS IN COMPUTING TECHNOLOGY organized by the Department of Information Technology, Sri Sairam Engineering College, Chennai on 7/3/2018.

27. Resource Person in ICCCT'15 IEEE sponsored International Conference on Computing and Communication Technologies organized by the Department of Information Technology, Sri Sairam Engineering College, Chennai, Feb 2015.

REVIEW MEMBER:

1. Reviewer in the Journal of Mathematical Finance (JMF), June 27th, 2025.

2. Reviewer in the International Journal of Communication Systems, 2025.

3. Reviewer in the International Conference on Advanced Computing Technologies (ICoACT-2025) held at P.S.R Engineering College, Sivakasi, Tamilnadu during March 14th & 15th 2025.

4. Review member in the 2nd International Conference on "Vision towards Emerging Trends in Communication and Networking" ViTECON-2023, 5th-6th May 2023.

5. Program Committee Member in TQCEBT22 (Trends in Quantum Computing and Emerging Business Technologies), Aug 2022.

6. Review member in IEEE Technically sponsored First International Conference on Computational Science and Technology [ICCST 2022] held on 9th & 10th Nov 2022 organized by Department

of Computer Science and Engineering, Sri Sairam Engineering College, Chennai.

7. Review Member in International Conference on Intelligent Innovation in Engineering & Technology (ICIIET - 2022) organized by the Department of Electronics and Communication Engineering, PSG College of Technology, Coimbatore held during 22nd - 24th Sep 2022.

8. Review Member in Ci Machine Learning Journal.

9. Technical Committee Member in 3rdInternational Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021), Le Royal Meridien Hotel, Chennai, India on November 25th and 26th 2021 organized by IFERP (Institute For Engineering Research and Publication).

10. Review member in Applied Artificial Intelligence, July 2021.

11. Review member in ICSES 2021.

12. Review member for the book titled "Cloud Computing" , Universities Press(an associate of Orient BlackSwan), Kolkata, West Bengal, 2021.

13. Reviewer in Journal of Computational Intelligence and Machine Learning, a unit of Technoarete Group, Mar 2021.

14. Reviewer in the 2nd International Conference on Modern Management based on Big Data (MMBD2021), organized by Huaqiao University, Quanzhou, China, Nov 2021.

15. TPC member in International Conference on Computing, Communication, and Intelligent Systems (ICCCIS-2022) organized by Department of Computer Science and Engineering, School of Engineering and Technology, Sharda University, Greater Noida, UP, India.

16. Reviewer in International Journal of Speech Technology, ISSN: 1381-2416, Springer, {Scopus, Google Scholar, SCIMago, ACM Digital Library, DBLP, INSPEC).

17. Editorial member in the Journal of Computer Hardware Engineering.

18. Pool of Reviewers in Integrated Platform for Reviewer, Organizer, Author and Publisher, June 2020, Novel Academic Publisher Standard.

19. Review committee member in the International Journal of Energy and Power Engineering (ISSN: Print: 2326-957X, Online: 2326-960X).

20. Acted as a review committee member for papers in IEEE International Conference on Computer and Communication Technologies - ICCCT'19 organized by the Department of Information Technology, Sri Sairam Engineering College.

21. Acted as a review committee member for papers in ICCOINS 2018 – IEEE International Conference on Computer and Information Sciences organized by the Department of Computer and Information Sciences, Universiti Teknologi PETRONAS (UTP), Kuala Lumpur, Malaysia.

22. Acted as a review committee member for papers in the International Conference on Recent Trends in Computational Engineering and Technologies-ICT CET 18 organized by the Department of Computer Science and Engineering of RajaRajeswari College of Engineering, Bangalore.

23. Acted as a review committee member for papers in IEEE International Conference on Computer and Communication Technologies - ICCCT'17 organized by the Department of Information Technology, Sri Sairam Engineering College.

24. Acted as a review committee member for papers in IEEE International Conference on Computer and Communication Technologies - ICCCT'15 organized by the Department of Information Technology, Sri Sairam Engineering College.

COURSES COMPLETED:

1. Completed NPTEL course on **"Advanced R Programming for Data Analytics in Business"** during Jul-Oct 2025.
2. Completed NPTEL course on **"Deep Learning - IIT Ropar"** during Jul-OCt 2025.
3. Completed NPTEL course on **"Introduction to Machine Learning"** during Jan-Apr 2025.
4. Completed NPTEL course on **"Programming Data Structures and Algorithms using Python"** during Jan-Mar 2025.
5. Completed NPTEL course on "**Introduction to Machine Learning**" during Jan-Apr 2025.
6. Completed NPTEL course on "**Learning Analytics Tools**" during Jul-Oct 2024.
7. Completed NPTEL course on "**Data Science for Engineers"** during Jul-Sep 2023.
8. Completed NPTEL course on "**Design & Implementation of Human-Computer Interfaces"** during Jul-Oct 2023.
9. Completed NPTEL course on **"Learning Analytics Tools"** during Jul-Oct 2023.
10. Completed NPTEL course on **"Python for Data Science"** during Jul-Aug 2023.
11. Completed NPTEL course on **"Design Thinking"** during Aug-Sep 2022.
12. Completed NPTEL online course on **"The Joy of Computing using Python"** during Jul-Dec 2022.
13. Completed RedHat **"Migrating OS to Enterprise Cloud Environment" course** organized by Advantage Pro and Sri Sairam Engineering College from 12.4.2022 to 14.4.2022.
14. Completed Microsoft certified "Azure Fundamentals", 22 Feb 2022.
15. Completed NPTEL online course on **"Introduction to Internet of Things"** during Jul-Oct 2021.
16. Completed NITTT **all 8 modules** of National Initiatives for Technical Teachers Training in Sep 2021.
17. Completed NITTTR Online Orientation Training Programme for Mentors from 26th to 30th July 2021.
18. Completed NPTEL online course on **"Programming, Data Structures and Algorithms using Python"** during Jan-Mar 2021.
19. Completed course on **"Introduction to Data Analytics for Business"** by University of Colorado issued by Coursera on 12.5.2020.
20. Completed Simplilearn course on **"Internet of Things"** issued by Future Skills Nasscom on Apr 20,2020.
21. Completed Simplilearn course on **"Introduction on Data Analytics"** issued by Future Skills Nasscom on Apr 1,2020.
22. Completed a course on **"Speaking Effectively"** authorized by Harappa issued by Future Skills Nasscom on Apr 13,2020.
23. Completed course on **"Cloud Computing Basics"** authorized by LearnQuest offered through Coursera on 18.5.2020.
24. Completed course on **"Cybersecurity Awareness and Innovation"** authorized by ETI Digital issued by Coursera on 31.5.2020.
25. Completed course on **"Programming for Everybody (Getting Started with Python)"** authorized by the University of Michigan issued by **Coursera on 15.5.2020.**

26. Completed course on **"Blockchain Basics"** authorized by the University at Buffalo and The State University of New York and issued by **Coursera on 13.6.2020.**

27. Completed course on **"Introduction to Big Data"** authorized by the University of California San Diego and issued by **Coursera on 18.5.2020.**

28. Completed course on **"Fundamentals of Network Communication"** authorized by the University of Colorado System and issued by **Coursera on 21.5.2020.**

29. Completed course on **"Machine Learning for All"** authorized by the University of London and issued by **Coursera on 3.6.2020.**

30. Completed course on **"Foundations of Big Data Analysis with SQL"** authorized by Cloudera and issued by **Coursera on 30.5.2020.**

31. Completed course on **"Artificial Intelligence and Drug Discovery"** organized by Shri Vithal Education & Research Institute's college of pharmacy, Pandharpur, Maharashtra, India on 19.4.2020.

32. Completed IBM Cognitive Course on **"Big Data 101"** powered by **IBM Developer Skills Network** issued by **Future Skills Nasscom on Feb 24,2020**.

33. Completed Udemy online course **"Python for Data Science and Machine Learning"** on Nov 15,2019.

34. Completed NPTEL Online Course on **"Data Science for Engineers" - Elite Score in Sep 2019.**

35. Completed Professional Course on **"Java Programming", Oracle Academy, 19 - 23 Aug 2019.**

36. Completed NPTEL Online Course on **"Introduction to R Software" - Elite Score on Aug-Sep 2018.**

Workshop/Conferences/FDP/SDP/SEMINAR Organized:

❖ Organized and participated in 5 days ``International Students Workshop on Data Science using Python " in association with Brainovision Solutions India Pvt Ltd from 19th Feb 2024 to 23rd Feb 2024.

❖ Organized IEEE-sponsored International Conference on Intelligent Computing and Control for Engineering & Business Systems, ICCEBS 2023, 14.12.2023 & 15.12.2023.

❖ Organized Innovation & Entrepreneurship Summit - FIKRA'23 in association with IEEE TEMS society, IEEE Reliability Society and IEEE Madras Section on 11.12.2023 & 12.12.2023.

❖ Organized National Level Technical Fest FESTX'23 in association with IEEE TEMS society and IEEE Reliability Society on 1.11.2023.

❖ Organized SAIHACKFEST - Internal Hackathon on 20.9.2023 & 21.9.2023.

❖ Organized 3 days FDP on "Deep Learning Toolkits & their Diversr Usecases" in association with LTI Mind Tree from 5.7.2023 to 7.7.2023.

❖ Organized 2 days FDP on "Harnessing the Power of Generative AI across disciplines" on 22.8.2023 & 23.8.2023

❖ Organized 1 Day interactive event "Mentor Minds: Mentoring for Aspiring Entrepreneurs" in association with Institutions Innovation Council (IIC) and IEEE TEMS society on 18.8.2023.

❖ Organized "Skillrack Appreciation Award Programme", 12.8.2023

❖ Organized ISTE sponsored Short Term Training Programme on "Deep Learning Tools and its Applications", 25.7.2022 to 29.7.2022

- ❖ Organized "Internal Hackathon - SAIHACKFEST'22" on 8.3.2022.
- ❖ Organized IEEE sponsored 3rd International Conference on Computing and Communication Technologies (ICCCT'19), 21.2.2019 & 22.2.2019.
- ❖ Organized Webinar on "How to leverage Hackathon" for CSBS students on 02-09-2021 through google meet.
- ❖ Organized Webinar on "Test Automation with Selenium Tool" for CSBS students on 20-09-2021 through google meet.
- ❖ Organized Webinar on "Statistical Analysis using Python" for CSBS students on 20-11-2021 through google meet.
- ❖ Organized Webinar on "Hands on Training on Machine learning using Python" for CSBS students on 27-11-2021 through google meet.
- ❖ Organized 5 days "Hands On Training on Python" for Sairam group of Schools - XI & XII std students from 29.7.2021 to 3.8.2021 through google meet.
- ❖ Organized IEEE Awareness Program for First year CSBS students on 6.6.2021 through google meet.
- ❖ Organized Webinar on "Virtual Orientation Program" for CSBS students on 19.8.2021 through google meet.
- ❖ Organized Webinar on "Industry Expectation From the Engineering Graduates" for CSBS students on 01-09-21 through google meet.
- ❖ Organized Webinar on "Skillrack Awareness Training" for CSBS students on 28.10.2021 through google meet.
- ❖ Organized Webinar on "IEEE TEMS society inauguration and hands-on training given to IRT polytechnic college students" for CSBS students on 28.10.2021 through google meet.
- ❖ Organized Webinar on "Training to kick your start-up" for CSBS students on 15.12.2021 through google meet.
- ❖ Organized Webinar on "Expert talk on visionary on IOT and patent filing" for CSBS students on 20.12.2021 through google meet.
- ❖ Organized Webinar on "National youth day -2022 Talentopedia" for CSBS students on 12.01.2021 through google meet.
- ❖ Organized Webinar on "Memorandum of understanding" for CSBS students on 06.01.2022 through google meet.
- ❖ Organized a webinar on "Hackathon Awareness Session" on 15.5.2021 through Google meet.
- ❖ Organized 6 weeks soft skills workshop on "Communication & Writing Skills Enhancement" from 20.3.2021 for skill development club students.
- ❖ Organized skill exhibit competition "Skillsporium 1.0" on 15.2.2021 for skill development club students.
- ❖ Organized Competitions for first year students on Netaji Subash Chandra Bose Jayanthi on 22.1.2021 through google meet and zoom.
- ❖ Organized one day webinar on "Skillrack Awareness Program" on 4.12.2020 through zoom.
- ❖ Organized two days of online hackathon "SaiHackFest'2020" on 30.10.2020 & 31.10.2020 through google meet.
- ❖ Organized one day webinar on "Skillrack Awareness Session on Impact of Covid and Future

Trends" on 27.10.2020 through zoom.

- ❖ Organized 7 days webinar on "C Programming - Skillrack Training" for First Year 2020 admitted students from 23.9.2020 to 30.9.2020 through zoom.
- ❖ Organized 5 days webinar on "skillrack Training - Problem Solving" for our second year students on behalf of Skill Development Club from 11.5.2020 to 15.5.2020 through Zoom.
- ❖ Organized 7 days webinar on "Skillrack Training - Problem Solving" for our first year students on behalf of Skill Development club from 27.4.2020 to 3.5.2020
    - ➢ through Zoom.
- ❖ Steering Committee Member of the International Conference on Computing, Communication and Control (ICCCC - 2020) in association with IFERP (Institute for Engg. Research and Publication) on 28th & 29th February 2020 at Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for Students certification program on "5 days Intensive VMWare vSphere ICF 6.5" in association with ICT Academy from 21.1.2020 to 25.1.2020.
- ❖ Coordinator for AICTE SmartIndia Hackathon SaiHackFest'2020 under skill development club on 8.1.2020.
- ❖ Organized 3 days training in C Programming for ECE, EEE, E&I, ICE, CIVIL, MECH, PROD 2nd year students from 9.12.19 to 11.12.19.
- ❖ Coordinator for Three days hands-on training Program on the C Language for 2022 passed out batch students of ECE,EEE,E&I,ICE,CIVIL,MECH,PROD students from 9.12.2019 to 11.12.2019, Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for Two days Hands-on Training on Python Programming for Kancheepuram District Govt. higher Secondary school Computer Science Teachers on 8th & 9th Nov 2019 at Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for 3 days Hands-on Training on Python Programming on behalf of Skill Development Club held from 25.9.19 to 27.9.19 for Sairam Matriculation School Students, Tambaram at Sri Sairam Engineering College, Chennai.
- ❖ Co-Chair for 3rd International Conference on Computing and Communication Technologies (ICCCT'19) held on 21st & 22nd Feb 2019 in the Department of Information Technology, Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for Two days Hands-on Training on Machine Learning Techniques on behalf of Skill Development Club & Smart India Hackathon SIH 2019 held on 1st & 2nd Feb 2019, Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for Smart India Hackathon Awareness Program SIH 2019 for Smart India Hackathon applied students held on 28.12.2018, Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for National Level Hackathon Event Hackearth – BitsnBytes2k18 held on 17th & 18th Sep 2018 in the Department of Information Technology, Sri Sairam Engineering College, Chennai.
- ❖ Coordinator for National Level Faculty Development Program on Python Programming held on 14thJune to 16thJune 2017 in the department of Information Technology, Sri Sairam Engineering College, Chennai.
- ❖ Co-ordinator for 2ndInternational Conference on Computing and Communication Technologies (ICCCT'17) held on 23rd & 24th Feb 2017 in the Department of Information Technology, Sri Sairam Engineering College, Chennai.
- ❖ Coordinator – Faculty Development Program on Software Testing in association with TCS held

on 14th Nov 2014 at TCS, SIPCOT IT Park, Siruseri, Chennai.

- ❖ Coordinator for the National Level Seminar on "Recent Trends in SOA" held on 5.1.12 to 6.1.12 sponsored by the Council of Scientific & Industrial Research (CSIR). Organized an IEEE International Conference on Computing and Communication Technologies (ICCCT'15) on 26/02/2015 and 27/02/2015.

OTHER ACHIEVEMENTS:

- ❖ Released videos **on "HOW TO CHOOSE YOUR DREAM ENGINEERING INSTITUTION?"** https://www.youtube.com/watch?v=cR-TQI8CIrw&t=7s
- ❖ Released videos on **"After 12th Road map to choose the best college and course"** https://www.youtube.com/watch?v=EIGl2qNWvlg&t=5s
- ❖ Launched a YouTube Channel **"EasyLearn"** and released two videos **"Conversion of CFG to CNF: A step-by-step Guide"** on 17th Dec 2024 and **"Smart India Hackathon - SIH 2024"** on 29th Aug 2024.
  - ➢ https://www.youtube.com/@Easylearn-u2d
- ❖ Released videos on **"About CSBS"**, **"Difference between CSE and Computer Science and Business Systems"**, **"Know More about CSBS"**
- ❖ https://www.youtube.com/watch?v=m0pXlYIPVas,
- ❖ https://www.youtube.com/watch?v=ueRs0YEM6fI,
- ❖ https://www.youtube.com/watch?v=JoliBzCgJc0
- ❖ Released videos in the topics on **"Compiler Design" and "Formal Language and Automata Theory"** https://www.youtube.com/watch?v=KfUXoHkZ9PI 6. **College SPOC - KAVACH Hackathon (AICTE MoE Initiative), 2023 7. College SPOC - Smart India Hacakthon (AICTE MoE and IIC Initiative) from 2017 onwards to till date.**
- ❖ **Doctoral Committee Member (Internal Examiner)** in Visvesvaraya Technological University, Karnataka, India.
- ❖ **Team Head,** Skill Development Club, Sri Sairam Engineering College 10.**Digital Awareness Coordinator** in Skill Development Club, Sairam Engineering College. **Faculty Skills Development Coordinator** for Sairam Engineering College and Sairam Institute of Technology.
- ❖ **Coordinator – AICTE Smart India Hackathon**
- ❖ **MENTOR - NITTTR**
- ❖ **Completed NITTT all 8 modules.**
- ❖ Involved in various events and activities organized by Sairam Engineering College.
- ❖ Guided more than 60 B.E/B.TECH and more than 10 M.E PROJECTS ISO Internal Auditor, Sri Sairam Engineering College

FACULTY DEVELOPMENT PROGRAM ATTENDED

1. FDP on **"Introduction to Machine Learning"** conducted by NPTEL-AICTE during Jan-Apr 2025.
2. FDP on **"Programming Data Structures and Algorithms using Python"** conducted by NPTEL-AICTE during Jan-Mar 2025.
3. FDP on **"AI Tools"** organized by Sri Sairam Engineering College in association with

BrainoVision Solutions India Pvt Ltd in collaboration with All India Council for Technical Education (AICTE) during 17th to 21st Feb 2025.

4. AICTE Training And Learning (ATAL) Academy Faculty Development Program on **"AI and Quantum Computing:Glimpsing the Near Future"** at SRI SAIRAM ENGINEERING COLLEGE from 20/01/2025 to 25/01/2025.

5. FDP on "**Python for Data Science**" organized by NPTEL-AICTE during Jul-Aug 2023.

6. FDP on "**Design & Implementation of Human-Computer Interfaces**" organized by NPTEL-AICTE during Jul-Oct 2023.

7. FDP on "**Learning Analytics Tools**" organized by NPTEL-AICTE during Jul-Oct 2023.

8. FDP on "**Data Science for Engineers**" organized by NPTEL-AICTE during Jul-Sep 2023.

9. FDP on **"Design Thinking"** organized by NPTEL-AICTE during Aug-Sep 2022.

10. Attended FDP on **"Emotional Intelligence"** organized by ICT Academy at Gurunanak College of Arts and Science, Chennai from 19 - 21, Sep 2022.

11. Attended RedHat FSP on **"Migrating OS to Enterprise Cloud Environment" course** organized by Advantage Pro and Sri Sairam Engineering College from 12.4.2022 to 14.4.2022.

12. Attended 5-days online FDP on "**Inculcating Universal Human Values in Technical Education**" organized by **AICTE** from 2.8.2021 to 6.8.2021.

13. Attended TCS FDP on **"Data Structures and Algorithms"** organized by TCS on 16.3.2021 and 18.3.2021.

14. Attended ATAL online FDP on **"Data Sciences"** organized by IFET College of Engineering, Villupuram, 28.9.2020 to 2.10.2020.

15. Attended ATAL online FDP on **"Leadership & Excellence"** organized by B.M.S College of Engineering, Bangalore from 7.12.2020 to 11.12.2020.

16. Attended ATAL online FDP on **"Robotics Process Automation: Tools and Techniques"** organized by Sri Venkateswara College of Engineering, Hyderabad from 4.1.2021 to 8.1.2021.

17. Attended TCS FDP on "C Programming" for the course on Computer Science and Business Systems organized by TCS on 11th & 12th Aug 2020.

18. Attended FDP on "Future of AI" organized by IETE-Mumbai in association with PANTECH, 20 May 2020.

19. Attended online FDP on "Ruby Programming" organized by Prof. S. Rajarajeswari School of Computer Science and Engineering, VIT, Chennai from 11 May 2020 to 12 May 2020.

20. Completed NPTEL-AICTE FDP on **Data Science for Engineers, Jul-Sep 2019.**

21. Attended Two days **FDP on Data Analytics & Machine Learning**, Imarticus Learning, Nelson Manickam Road, Chennai on 7th & 8th June 2019.

22. Attended Five days **FDP on Nextgen TechStack,** Dept. of CSE in association with CSI, Sri Sairam Engineering College, Chennai from 8th - 12th April 2019.

23. Attended Five days **FDP on Engineering Teaching Pedagogy and Effective Learning Process**, Chennai from 3rd to 7th December 2018.

24. Attended one day **FDP on Internet of Things and Blockchain Technology** conducted by TCS, Siruseri, Chennai on 27/10/18.

25. Attended Five days **FDP on Data Science and Big Data Analytics** conducted by ICTACT, Sri Sairam Engineering College, Chennai from 11/9/17 to 15/9/17.

26. Attended Five days **FDP on Hadoop (Hortonworks)** conducted by ICTACT, Sri Sairam

Institute of Technology, Chennai from 18/7/16 to 22/7/16.

27. Attended **SDP on Hadoop Based Data Analytics** organized by the Department of Computer Applications, Sri Sairam Engineering College, Chennai from 30/6/16 to 2/7/16.
28. Attended **FDP on Effective Programming Skills** organized by CTS at Siruseri IT Park on 28th May 2016.
29. Attended **FDP on Software Testing** organized by TCS at Siruseri IT Park on 14th Nov 2014.
30. Attended **FDP on Cloud Computing** organized by IT Dept. and TCS at Sri Sairam Engineering College on 5th May 2014.
31. Attended **SDP on Web Services** conducted by the Department of Information Technology, Sri Sairam Engineering College, Chennai from 2nd & 3rd Nov 2011.
32. Attended an FDP **on Wireless Sensor Networks** at Madras Institute of Technology, Anna University on 28th & 29th Nov 2011.
33. AICTE sponsored **SDP on Recent Developments in Computing** conducted by the Department of Computer Science and Engineering, Sri Sairam Engineering College, Chennai from Apr'20th to 28th Apr 2010.
34. AICTE sponsored **SDP on Mobile Networks** conducted by the Department of Information Technology, Sri Sairam Engineering College, Chennai from 19/01/09 to 28/01/09.
35. Attended an FDP **on Mobile Computing** at Madras Institute of Technology campus, Anna University from 19th to 25th May 2008.
36. Attended the **SDP on Web Services & Applications** by CSE, Sri Sairam Engineering College from 5th to 17th May 2008.
37. Attended **AICTE Sponsored SDP on Instructional Design & Delivery** organized by CSE Dept., Sri Sairam Engineering College.

CONFERENCE ATTENDED

1. AICTE sponsored the **4th International Conference on Recent Trends in Advanced Computing (ICRTAC'21)** organized by School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology, Chennai in collaboration with National Cheng-Kung University, Taiwan on 11-12 Nov 2021. 2.
2. Attended International Conference on **International Conference on Modern Functional Materials (ICMFM-2021)** organized by Department of Humanities and Science (Physics) held from 24.6.2021 to 25.6.2021.
3. Attended **Int. Conf. on Management of Data** organized by Dept. of CSE & ACM KDD at IIT, Madras in 2017.
4. Attended **tutorial session for Advanced Computing Technologies in 2015 Int. Conf. on Computing & Communications Technologies ICCCT'15** organized by Dept. of It, Sri Sairam Engg. College on 26th – 27th Feb 2015.
5. Attended **Tutorial Session on Cloud Computing & Semantic Web in Int. Conf. on Information, Systems and Computing ICISC'13**, organized by the Dept. of IT on 4th Jan 2013.

6. Attended **National conf. on Communication & Nano Electronics Technology** organized by Dept. of ECE, Sri Sairam Engineering College on 12th – 14th Oct 2011.

7. Attended **International Conference on Recent Trends in Information Technology** organized by Department of Information Technology and IEEE Madras Section at MIT Campus, Chennai on 3rdJune 2011.

8. Attended the **National conference on Business Intelligence NCBI'08** organized by MCA, Sri Sairam Engineering College on July'08.

9. Attended the **International conference – INCON organized by SIMS**, Sri Sairam Engineering College on 22/09/07.

10. Attended the N**ational conference on Information & Communication Technology** organized by CSE, SSEC, Sri Sairam Engineering College on 10/3/07.

11. Attended **National Conf. on Distributed Systems & Knowledge Engg. NCDK'05** organized by Dept. of IT, Sri Sairam Engg. College, on 16th & 17th Sep 2005.

SHORT TERM COURSE ATTENDED

1. Attended **STTP on Middleware Technologies** by MCA,Sri Sairam Engineering College on 5th and 6th Apr'06.

2. Attended the **Training programme on Rational Rose IBM** organized by Sri Sairam Engineering College on 3rd & 4th Sep'05.

3. Attended the **Training programme on Linux OS** conducted by Advantage Pro at Computer Center-III, Sri Sairam Engineering College from 03/06/03 to 10/06/03

4. Attended the **Training programme on ISO- Internal Quality Audit Training** organized by Sri Sairam Engineering College on 10/05/03

5. Attended the **Training Programme on .Net,Java.NET,ASP.NET** conducted by Microsoft,Meenakshi College on 23/09/03.

WORKSHOP / SEMINARS ATTENDED

1. Attended one day training on "Accelerating computing with OneAPI AI Toolkit" organized by the Boston Training Academy powered by Intel Software, Feb 2023.
2. Attended one day webinar on Oracle Faculty Day organized by OracleAcademy on Aug 10,2021.
3. Attended one day National Level seminar on "Data Analytics" organized by Dept of Computer Applications, Mahendra Engineering College on 25.6.2020.
4. Attended one day webinar on "An Introduction to Internet of Things" organized by St. Joseph's Institute of Technology on 24.6.2020.
5. Attended a one day workshop on "Latex Training" organized by St. Joseph's Institute of

Technology in association with IIT Bombay on 17th May 2020.

6. Attended webinar on "India's First Leadership Talk Series" with Prof. D.P.Singh, UGC Chairman organized by MHRD's Innovation cell on 9th May 2020.

7. Attended webinar on " Robotic Process Automation : Basics and Beyond - Technology for Future" organized by ICT Academy on 10 Apr 2020.

8. Attended webinar on "Introduction to VMWare Cloud - Technology for Future" organized by ICT Academy on 11 Apr 2020.

9. Attended webinar on "Accelerating Experiential Learning in Engineering -Technology for Future" organized by ICT Academy on 13 Apr 2020.

10. Attended webinar on "The Future of Making -Technology for Future" organized by ICT Academy on 14 Apr 2020.

11. Attended webinar on "Accelerating Experiential Learning in Engineering -Technology for Future" organized by ICT Academy on 13 Apr 2020.

12. Attended webinar on "Leading in a VUCA World - Introduction Keynote session" organized by ICT Academy on 20 Apr 2020.

13. Attended webinar on "Leading in a VUCA World - Expert Sessions" organized by ICT Academy on 21 Apr 2020.

14. Attended webinar on "Leading in a VUCA World - Expert Sessions" organized by ICT Academy on 24 Apr 2020.

15. Attended super session webinar on "The Power of A Teacher" held on 04 May 2020 conducted by ICT Academy.

16. Attended Online Super Session on "Change is the Essence of Life" expert session by Bharathi Baskar conducted on 25 May 2020 by ICT Academy.

17. Attended online Super Session on "Accelerating Industry 4.0 - A Post Covid Paradigm" organized by ICT Academy on 25 May 2020.

18. Attended a one day **workshop on "How to publish technical paper with IEEE**" conducted by IEEE Madras section at IIT, Chennai on 20th Aug 2015.

19. Attended a one day **workshop on "How to write papers for Refereed Journal",** conducted by Dept. of ECE, Sri Sairam Institute of Technology on 24thJan 2015.

20. Attended a one day **workshop on "Programming the Semantic Web with Java"** conducted by the Department of Computer Science at VIT University Chennai on 11th Oct 2014.

21. Attended National level **workshop on Semantic Web Technologies in Enterprise DB Applications** conducted by School of Computing Sciences & Engg., VIT, Chennai, 29th Mar 2014.

22. Attended a one day **workshop on "Intro to Semantic Web Technologies-RDF, RDFS, OWL"** conducted by the Department of Computer Science at VIT in Jan 2014.

23. Attended a one day national **workshop on "Semantic Web Mining"** conducted by the Department of Computer Science at VIT University Chennai on 25th Oct 2013.

24. Attended National **workshop on Network Design – A Practical Approach** conducted by Dept. of CSE & IT, Sri Sairam Engineering College, Chennai on 3rd & 4th Oct 2013.

25. Attended one day **Seminar on "Research Methodology, techniques of Writing Research Articles for SCi Journals and PhD thesis Preparation**" on 7th March 2013 conducted by the Department of Automobile Engineering, MIT campus, Anna University.

26. Attended a one day **workshop on "Zigbee based Wireless Sensor Networks"** conducted by the

department of computer science at VIT University, Chennai on 13th April 2013.

27. Attended **Workshop on "Oracle 11 certification course"** organized by ICT Academy and Oracle Corporation at VIT University, Chennai from 6th Feb to 10th Feb 2012.

28. Attended **National Seminar on Semantic Information Retrieval** organized by Dept. Of MCA, National Institute of Technology (NITT), Trichy on 30th Jan 2012.

29. Attended a one day **workshop on Art of Journal and Thesis Writing** organized by Dept. of R&D, Sri Sairam Engineering Colleg, 19th Jan 2012.

30. Attended two days **workshop on Recent Trends in WSN** organized by Dept. of Electronics Engg., Madras Institute of Technology, 28th – 29th Nov 2011.

31. Attended **International Workshop on Data Mining for Web Intelligence** organized by Dept. of Information Technology, AU at MIT Campus, and Chennai on 20th & 21st Jan 2011.

32. Attended **International Workshop on Cloud Computing** organized by Dept. of Computer Technology, AU and University of Melbourne, Australia at MIT Campus, Chennai on 20th Oct 2010.

33. Attended **Seminar on Data Structures through C** organized by Dept. of Computer Science, Loyola College and Pearson Publications at Loyola College,
Chennai on 21st Aug 2010.

34. Attended **National level Seminar on Research Methodologies in Next Generation wireless Network using OPNET** by Dept. of IT, SSEC sponsored by Ministry of Communications and IT from 19th to 21st Aug 2010.

35. Attended the **workshop on Grid Computing** conducted by the Dept. of IT,MIT,Anna University on 5th and 6th Aug '04.

Declaration:

I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

(M. ANANTHI)