Dr.M. SURESH KUMAR

SUMMARY:

- **Ph. D in Information and Communication Engineering** having Twenty one years of experience in teaching with good knowledge in the area of Computer Science and Information Technology, currently working as **Professor, Department of Information Technology, Sri SaiRam Engineering College,** Chennai, India.

CAREER OBJECTIVE:

- To face challenges in Teaching and Administration.
- To seek a challenging career in Training, Research and Development activities.

PROFESSIONAL EXPERIENCE:

Summary

1. **June 2002 to till date**

   - Working as Professor in Information Technology.
   - Sri Sairam Engineering College, Chennai, India.

2. **Sep 2001 to June 2002**

   - Worked as Lecturer in Information Technology
   - Sri Sairam Polytechnic College, Chennai, India.

3. **April 2000 to Sep 2001**

   - Worked as a Faculty in **NIIT,** Gudiyattam Centre**.**

4. **Sep 1999 to March 2000**

   - Worked as Programmer in Shark InfoTech, Chennai.

5. **July 1998 to Aug 1999**

   - Worked as Faculty in Sri Thyagarajan Enterprises, Chennai.

EDUCATIONAL PROFILE:

HIGHEST LEVEL:

Ph. D (Information & Communication Engineering)
Anna University, Chennai, India.

Master of Engineering (M.E - Computer Science & Engg.)
Sathyabama University, Chennai, India.
Secured **First Class with Distinction**

Bachelor of Engineering (B.E - Computer Science & Engg)
University of Madras
Adhiparasakthi Engineering College, Melmaruvathur.
Secured **First Class**

ADDITIONAL QUALIFICATIONS

Master of Business Administration (MBA – Systems)
Alagappa University
Secured **First Class**

PAPERS PRESENTED – INTERNATIONAL/NATIONAL CONFERENCE:

1. **M.SureshKumar,** R.RajaMaheswari, Retortion for your Imperative Mails, **National Level Conference on Distributed Systems and Knowledge Engineering NCDK'05**, Sri SaiRam Engineering College, Sep 16th – 17th 2005.

2. **M.SureshKumar,** Multipath MultiHop Connectivity Selection for Seamless Flow of Data in Heterogenous Networks**, International Conference on Impact of Economic Crisis in Global Business Scenario**, Sri SaiRam Institute of Management Studies, Sep 24th & 25th 2009.

3. **M.SureshKumar,** Multipath MultiHop Connectivity Selection for Seamless Flow of Data in Heterogenous Networks, **AICTE Sponsored International Conference on Innovative Computing, Information and Communication Technology ICICT'09**, Sri SaiRam Engineering College, Dec 16th – 18th 2009.

4. **M.SureshKumar,** I.Anisha, Service Integration using SOA with Centralized Orchestration and Data Transformation Engine**, AICTE Sponsored National Conference on "Communication and NanoElectronics Technology 2011"** Sri SaiRam Institute of Technology, October 12-14 2011.

5. **M.SureshKumar**, I.Anisha, Service Integration using SOA with Centralized Orchestration and Data Transformation Engine, **International Conference on Information Communication and Embedded Systems ICICES 2012,   S.A Engineering College ,** 24th and 25th February 2012**.**

6. **M.SureshKumar**, D.Bhavithra, R.DeviPriya, G.Mahalakshmi, Semantic Web Search for Business Process Customization using OWL, **National Conference on Emerging Trends in Computer Science and Bio Informatics ETCSBI'12, VELS University**, March 30th 2012.

7. **M.SureshKumar,** B.Sakthivel, S.Selvakumar, T.Ashok**, "**Stability Maintain in a Multihop Wireless Network using Shortest Path Aided Back Pressure Algorithm**", National Conference on Emerging Trends in Computer Science and Bio Informatics ETCSBI'12, VELS University**, March 30th 2012.

8. **M.SureshKumar**, K.Rajeswari, E.Jeevitha, R.Stephygraph "Dynamic Web Service Composition through Network Analysis with Backtracking**" International Conference on Electrical Engineering and Computer Science (ICEECS 2012),** InterScience Research Network (IRNet), 7th 2012.

9. **M.SureshKumar**, P.Varalakshmi "A Novel Approach for Dynamic Web Service Composition through Network Analysis with Backtracking" **Fourth International Conference on Web & Semantic Technology (WeST-2012)** July 13 to 15, 2012. Chennai, India.

10. **M.SureshKumar**, P.Varalakshmi "Dynamic Web Service Composition based on Network Modelling with Statistical Analysis and Backtracking**" IEEE 7th International Conference on Computer Science and Education (ICCSE 2012)** July14-17, 2012 Melbourne, Australia

11. **M.SureshKumar,** M.Lavanya**, "**Intelligent Compression of Medical Images Based on MultiROI, **International Conference on Information Systems and Computing (ICISC-2013),** Sri SaiRam Engineering College Jan 4th & 5th 2013.

12. **M.SureshKumar,** S.Krithika, R.Kousika, S.Kirthika, "GSM based prepaid energy metering system with tampering detection, **National Conference on Information on and Communication Engineering**, RMK Engg College(NCICE 2014) Feb 24th 2014.

13. **M.SureshKumar,** J.Karthikeyan**, "**Monitoring QoS parameters of composed Web Services**"** IEEE **International Conference on Information Communication and Embedded System(ICICES 2014),** S.A Engineering College Feb 27th and 28th 2014.

14. **16M.SureshKumar**, F.Anishya, "A novel approach for travel package recommendation using Bayesian approach", **IEEE International Conference on Computing and Communications Technologies (ICCCT15),** Sri SaiRam Engg College, Feb 26th and 27th 2015.

15. **M.SureshKumar**, P.UmaSruthi, "Connectivity Restoration in WSN using minimal topology changes", **IEEE International Conference on Computing and Communications Technologies (ICCCT15),** Sri SaiRam Engg College, Feb 26th and 27th 2015.

16. **M.SureshKumar**, P.Varalakshmi,F.Anishya, "A Novel Approach for Customized Travel Package Recommendation using Collaborative Filtering", Proceedings of **International Conference on Advances in Applied Engineering and Technology, ICAAET**, Syed Ammal Engineering College, Ramnad– 2015, May 14-16, 2015.

17. **M.SureshKumar**, V.Bharath Kumar, P.Varalakshmi, "QoS Aware Web Service Selection and Composition for Travels Application", Proceedings of the **National Conference on Recent Trends In Computing And Technology, NCRTCT'16**, Sri SaiRam Engg College, 29 th Apr 2016.

18. **M.SureshKumar**, P.Varalakshmi, "A Heuristic Approach for Web service Selection with Cost Optimization", **IEEE International Conference on Computing and Communications Technologies (ICCCT'17),** Sri SaiRam Engg College, February 23-24, 2017.

19. **M.SureshKumar**, S.Rajesh, "**Energy Optimization In Scheduling The Container Load And Job Scaling**." Second IEEE International Conference on Computing and Communications Technologies (ICCCT'17), Sri SaiRam Engineering College on February 23-24, 2017.

20. **M.SureshKumar**, Rahul Mistry, "Optimized Job Scheduling Based On Workload In Hadoop", Proceedings **of International Conference on Recent Research in Engineering 2017 ICRRE 2017**, SKR Engineering College, 31st March, 2017.

21. **M.SureshKumar**, B.Rakshana, T.Shalini, "Train Arrival Detection to avoid Track Accidents", Proceedings of the **National Conference on Recent Trends In Computing And Technology, NCRTCT'18**, Sri SaiRam Engg College, 7th March 2018.

22. **M.SureshKumar**, S.Hariharan, Scibi.S.V, Rajkumar.M, Ramachandran.C, "Warning System from Threat of Wild Animals using IoT", Proceedings of the **National Conference on Recent Trends In Computing And Technology, NCRTCT'18**, Sri SaiRam Engg College, 7th March 2018.

23. **M.SureshKumar**, J.U.Athulya, S.Jayashri, P.Suthanthira, "Mobile Application for Dyscalculics" , 8th International **Conference on Science And Innovative Engineering ICSIE'18**, Jawahar Engg College, 1st April 2018.

24. **M.SureshKumar**, V.Gowtham, S.AjithKumar, S.Balaji, "Air Quality Information based on IoT for Mobile Environment", Proceedings of the **National Conference on Emerging Technologies for Sustainable Engg & Management, NCETSEM'18**, Sri Muthukumaran Institute of Technology, 6th April 2018.

25. **M.SureshKumar**, S.Hariharan, Santhoshkumar, Balaji, Selvamani,"Warning System from Threat of Wild Animals using IoT", "**1st IEEE International Conference on International Conference on Recent Trends in Computational Engineering and Technology-(ICTRCET'18)"** on May 17th and 18th 2018, RAJARAJESWARI COLLEGE OF ENGINEERING (RRCE), Bengaluru.

26. **M. SureshKumar,** M Parthasarathy ; R Aniruth ," Power Efficiency and Automation Based on IoT", **Third IEEE International Conference on Computing and Communications Technologies (ICCCT'19),** Sri SaiRam Engineering College on February 21-22, 2019.

27. **M. SureshKumar,** V.Soundarya ,S.Kavitha ,E.S.Keerthika E.Aswini," Credit Card Fraud Detection Using Random Forest Algorithm", **Third IEEE International Conference on Computing and Communications Technologies (ICCCT'19),** Sri SaiRam Engineering College on February 21-22, 2019.

28. **M.SureshKumar**, Preethi A, J.Akshaya, NithisKumar A.S, Tricky Learn - **International Conference on Modern Engineering Science and Technology MEST'20 ,** Dr.Kalam Institute of Engineering Research, OOTY 17th February, 2020

29. **M.SureshKumar**, Anu Valliammai, JayaKrithika - elCare – An Assistance For Elderly People- **International Conference on Computing, Communication and Control (I4C-2020)** Organized By Sri Sairam Engineering College, Chennai in association with Institute For Engineering Research and Publication (IFERP) on 28th & 29th Feb, 2020.

30. **M.SureshKumar**, Poornima, Vanmathi - Blood Leakage Detection during self dialysis - **International Conference on Research Advancements & Challenges in Engineering Sciences (ICRACE'20),** Velammal Institute of Technology, Chennai on 6/3/20 & 7/3/20.

31. **M.SureshKumar**, P.Shanmugapriya, Naveen Kumar S, Aouthithiye Barathwaj SR Y, Sai Ganesh CS, "**Scheming Electrical Wheelchair by Sensing Brain GDTAB Waves of Physically Challenged & Hamstrung People**" 2020 2nd IEEE International Conference on Power, Energy, Control and Transmission Systems(ICPECTS 2020) organized by Sri Sairam Engineering College , EEE Dept on 10/12/20 and 11/12/20.

32. **M.SureshKumar**, Dr.M.Senthilkumar, Dr.V.R.Kavitha, Dr.P.Anantha Christu Raj and D.Ruth Anita Shirley, "ROUTING IN A WIRELESS SENSOR NETWORK USING A HYBRID ALGORITHM TO IMPROVE THE LIFETIME OF THE NODES" **First International Conference on Circuits, Signals, Systems and Securities (ICCSSS 2020),** Bannari Amman Institute of Technology, December 11-12, 2020

33. **M.SureshKumar**, G.Boomija , "Video Annotation Techniques for Micro Learning Integration in Cloud", Eleventh International Conference on Advances in Computer Engineering – ACE 2021, IDES and the Association of Computer Electrical Electronics and Communication Engineers (ACEECom) May 28-29, 2021 in Trivandrum, India.

34. **M.SureshKumar**, GRekha, S.V Juno Bella Gracia, " Detection of Fraudulent Behaviours using Graph-Cluster Analysis on Unsupervised Datasets", **Eleventh International Conference on Advances in Computer Engineering – ACE 2021,** IDES and the Association of Computer Electrical Electronics and Communication Engineers (ACEECom) May 28-29, 2021 in Trivandrum, India.

35. **M.SureshKumar**, G Janaki, S.Hariharan, P.Shanmugapriya, "IoT BASED WARNING SYSTEM FROM THE THREAT OF WILD ANIMALS" **6th IEEE International Conference on Communication and Electronics Systems ICCES 2021**, PPG Institute of Technology, Coimbatore 8-10 July 2021.

36. **M.SureshKumar**, P.Shanmugapriya, M.Parthasarathy, R.Anirudh, "A Novel Recommended Approach for Optimized Smart Electricity using Deep Learning", **IEEE International Conference - ICAECA 2021, Kumaraguru College of Technology**, Coimbatore, October, 08-09,

37. **M.SureshKumar**, Krithika, and Deepika," PARKLOT-Automated Parking Vehicle System using Optical Character Recognition, **2021 FOURTH IEEE International Conference on Computing and Communication Technologies (ICCCT 21),** Sri Sai Ram Engineering College on 16th and 17th December 2021

38. **M. Sureshkumar ; M.Sella Vallal Sibi ; R.Pugazh Bharathi ; P. Shanmugapriya, "Myocardial Prediction and Identification using Convolution Neural Networks, 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT) Sri Sai Ram Engineering College** on 10th and 11th March 2022

39. **M.SureshKumar, P.Krithika, " An Impact of Preserving Private Medical Data using Blockchain", Twelfth International Conference on Advances in Computer Engineering – ACE 2022, IDES and the Association of Computer Electrical Electronics and Communication Engineers (ACEECom) May 28-29, 2022 in Trivandrum, India.**

40. **M.SureshKumar**, Niranjan Kumar S Chris Joel S Lokesh V, HELTRAK-A medical application with chatbot based on AI, **International Conference on Computational Science and Technology (ICCST22) ,** Sri Sai Ram Engineering College on 9th and 10th November 2022. .

41. **M.SureshKumar**, Annamalai G, Kishorekumar S, AI BASED UI DEVELOPMENT USING DEEP NEURAL NETWORKS (AI-UI)I, **International Conference on Computational Science and Technology (ICCST22) ,** Sri Sai Ram Engineering College on 9th and 10th November 2022.

42. **M.SureshKumar**, P.Shanmugapriya, Ms.Pooja Mohan Bengeri, Ms.Dhanya krishnamachari, AUTOMATIC SWITCHING OF HYBRID PELTIER MODULE FOR ELECTRONIC APPLICATION, **International Conference on Computational Science and Technology (ICCST22) ,** Sri Sai Ram Engineering College on 9th and 10th November 2022.

43. **M.SureshKumar**, P.Shanmugapriya, G P Priyanka Malar, N Harinisha, RAILWAY ACCIDENT PREVENTION USING ULTRASONIC SENSORS, **International Conference on Power Energy Control and Transmission Systems ICPECTS 2022 ,** Sri Sai Ram Engineering College on 8th and 9th December 2022..

44. **M.SureshKumar, Abisha S, Tejashree D "A**nnotation Tool and Urban Dataset for 3D point Cloud Semantic Segmentation", **Twelfth International Conference on Advances in Computer Science and Application – CSA 2023 and the Association of Computer Electrical Electronics and Communication Engineers (ACEECom) Mar 30-31, 2023; in Bengaluru, India.**

45. **M. Suresh Kumar, Niranjan Kumar S, Murari Reddy Sudarsan, Gunabalan P, Varsha R "A GPS based bus tracking and unreserved ticketing system using QR based verification and validation", T 4th International Conference on Data Intelligence and Cognitive Informatics (ICDICI 2023) SCAD College of Engineering and Technology in Tirunelveli, India. 27-28, June 2023**

46. M.SureshKumar, P.Shanmugapriya, G P Priyanka Malar, N Harinisha, Deep Learning Based Smart Alert System for Driver Drowsiness, Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023, , Sri Sai Ram Engineering College on14th and 15th December 2023.

47. **M.SureshKumar**, Theerej, C., Arathi, P., Shanmugapriya, P., **Malware Analysis Using RNN and Naive Bayes Algorithm**, **Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023, ,** Sri Sai Ram Engineering College on14th and 15th December 2023.

48. **M.SureshKumar**, Jayasundar, K., Ragavendhiran, S., **Propagation of SQL by Automatic Speech Recognition (ASR) Using NLP**, **Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023, ,** Sri Sai Ram Engineering College on14th and 15th December 2023

49. **M.SureshKumar**, Akshya, Kaviya, Shanmugapria, .,**ARchitect: Visualize Your Dream Space with Augmented Reality**, **4th International Conference on Power, Energy, Control and Transmission Systems: Harnessing Power and Energy for an Affordable Electrification of India, ICPECTS 2024 ,** Sri Sai Ram Engineering College on 8th and 9th October 2024.

50. **M.SureshKumar**, Sukhresswarun, R., Raviraaj, S.I.V., Shanmugapriya, P., .,**Smart Steps : Enhancing Dance Through AI Driven Analysis**, **4th International Conference on Power, Energy, Control and Transmission Systems: Harnessing Power and Energy for an Affordable Electrification of India, ICPECTS 2024 ,** Sri Sai Ram Engineering College on 8th and 9th October 2024

51. Shanmugapriya, P., Dheepak Raaj, P.R., Someshwar, V.S., Sureshkumar, M., P., .,**Effective Approach for Energy Management System Using Machine Learning Algorithm**, **4th International Conference on Power, Energy, Control and Transmission Systems: Harnessing Power and Energy for an Affordable Electrification of India, ICPECTS 2024 ,** Sri Sai Ram Engineering College on 8th and 9th October 2024

52. **Shanmugapriya P ; Srilekha P ; Sowndarya R ; Shanmugapriya C ; M. Suresh Kumar**, .,**Optimizing Regenerative Braking Efficiency with Supercapacitor for Electric Vehicles**, **4th International Conference on Power, Energy, Control and Transmission Systems: Harnessing**

Power and Energy for an Affordable Electrification of India, ICPECTS 2024 , Sri Sai Ram Engineering College on 8th and 9th October 2024

53. **M.SureshKumar**, Moorthi, M., Gokulprasath, R., Ragul, P .,Virtual Drive Craft, **5th International Conference on Computing and Communication Technologies Iccct 2025, ICCCT2025 ,** Sri Sai Ram Engineering College on 16th and 17th April 2025.

54. **M.SureshKumar**, Mohaamed Salman A. Sivasakthi T.a;Brindha S, ,Cardiac Signal Regeneration using Regenerative AI, **5th International Conference on Computing and Communication Technologies Iccct 2025, ICCCT2025 ,** Sri Sai Ram Engineering College on 16th and 17th April 2025

55. M.Sureshkumar.Sashmitha S K, Divyadharshini R, Sankavi S, Intelligent Waste Management: Automated Compression and Real-Time Fill-Level Monitoring, 5th International Conference on Computing and Communication Technologies Iccct 2025, ICCCT2025 , Sri Sai Ram Engineering College on 16th and 17th April 2025

56. M.Sureshkumar.Sukhresswarun R, Vishwa Raviraaj S.I, Shanmugapriya P., Graph Neural Network,Graph Neural Networks: Essentials and Use Cases Book Chapter 2025DOI: 10.1007/978-3-031-88538-9_12

PAPERS PRESENTED – INTERNATIONAL/NATIONAL JOURNALS:

1. **M.SureshKumar**, I.Anisha **"**Service Integration using SOA with Centralized Orchestration and Data Transformation Engine" published in the **International Journal of Research in Information Technology and Sciences (IJRITS)** ISSN: 3899-X539 Vol. 1 Issue 1 April 2012, pp. 43-47.

2. **M.SureshKumar** and P.Varalakshmi **"**Dynamic Web Service Composition based on Network Analysis and Backtracking" published in the **European Journal of Scientific Research (EJSR)** ISSN 1450-216X Vol.77 No.1 (2012), pp. 151-157.

3. **M.SureshKumar** and P.Varalakshmi **"**Dynamic Web Service Composition Based on Network Modeling with Statistical Analysis and Backtracking" published in the **International Journal on Web Service Computing (IJWSC)** ISSN: 0976 - 9811 (Online); 2230 - 7702 (print) Volume 3, Number 2 June 2012, pp 11-20.

4. **M.SureshKumar**, K.Rajeswari, E.Jeevitha, R.Stephygraph "Dynamic Web Service Composition through Network Analysis with Backtracking" published in the **Undergraduate Academic Research Journal (URJA)** ISSN: 2278-1129, Volume-1, Issue -1, 2012, pp 40-45.

5. **M.SureshKumar, "** A Novel Approach for Dynamic Web Service Selection and Composition based on Network Planning Model, published in the **SSEC TECH JOURNAL,** ISSN: 0975-2841, Volume 10, 2012 pp 42-50.

6. **M.SureshKumar,** M.Lavanya, "Intelligent Compression of Medical Images Based on MultiROI, published in **International Journal of Emerging Technology and Advanced Engineering (IJETAE)** ISSN:2250-2459, Volume 3, Special Issue 1, pp 490-493 January 2013.

7. **M.SureshKumar,** J.Karthikeyan**, "**Predicting Quality Measures of Composite Web Services**"** published in the **International Journal for Technological Research in Engineering,** ISSN(Online):2347-4718, Volume-1, Issue-4, pp 158-163 December 2013**.**

8. **M.SureshKumar,** P.Varalakshmi**, "An Optimal Constraint based Web Service Composition using Intelligent Backtracking"** published in **Journal of Web Engineering** ISSN(Online):1540-9589, Volume-13, Issue-5&6(2014), pp 430-449.

9. **M.SureshKumar**, F.Anishya, "**Discovering Real Time travel package recommendation using Collaborative Tagging**", published in the **International Journal of Scientific Research and Management,** ISSN(e):2321-3418, Volume-3, Issue-1(2015), pp2023-2028.

10. **M.SureshKumar**, P.Varalakshmi, F.Anishya, "A Novel Approach for Customized Travel Package Recommendation using Collaborative Filtering" , published in International Journal of Applied Engineering and Research(IJAER), ISSN 0973-4562, Vol. 10 No. 55(2015), pp 1660-1666

11. **M.SureshKumar,** Rahul Mistry, "Optimized Job Scheduling Based On Workload In Hadoop", **International Journal Of Emerging Technology In Computer Science And Electronics (IJETCSE)** , ISSN No 0976-1353,Vol 24 Issue 6, Apr 2017.

12. **M.SureshKumar,** S.Balaji "Air Quality Information based on IoT for Mobile Environment", **International Journal of Engineering and Technology (UAE)**, ISSN No 2227-524X, Vol 7 (4.39) (2018), pp 865-867.

13. **M.SureshKumar,** Preethi A, J.Akshaya, NithisKumar A.S, Tricky Learn - **International Journal of Advanced Research in Mechanical Engineering & Technology (IJARMET),** ISSN 2456-6446, Volume 4, Issue 1, February 2020, pp 48-50.

14. **M.SureshKumar**, S Poornima, V Vanmathi - Blood Leakage Detection during self dialysis - **International Research Journal of Multidisciplinary Technovation 2020 (IRJMT),** ISSN 2582-1040 , Volume 2, Issue 2, March 2020, pp 31-36.

15. **M.SureshKumar**, B.Rakshana,"IoT based Railway Track Accident Prevention", **Journal of the Gujarat Research Society,** ISSN: 0374-8588 Volume 21 Issue 17, December 2019.

16. **M.SureshKumar**, Kavimani S , Jayasurya G-MANHOLE MONITORING SYSTEM - **International Journal of Research and Analytical Reviews (IJRAR),**E-ISSN 2348-1269, P-ISSN 2349-5138, Volume 7, Issue 2 June 2020 pp 319-322.

17. **M.SureshKumar**, Anu Valliammai, JayaKrithika - elCare – An Assistance For Elderly People, **Journal-of Critical Review**, ISSN- 2394-5125 VOL 7, ISSUE 15, July 2020 pp 1058-1062.

18. **M.SureshKumar**, Aniruth.R, Gokulakrishnan.R, Parthasarathy.M, Krishnan.V.C," Energy Audit in Households using Machine Learning", **International Journal of Recent Technology and Engineering (IJRTE)** ISSN: 2277-3878, Volume-9, Issue-2, July 2020 pp1153-1160.

19. **M.SureshKumar**, S.Rohini,"Optimization of Network Access in Data Centre", **International Journal of Innovative Research in Computer and Communication Engineering**, e-ISSN: 2320-9801, p-ISSN: 2320-9798 Volume 8, Issue 8, August 2020 pp 3438-3442.

20. **M.SureshKumar**, Dr.M.Senthilkumar, Dr.V.R.Kavitha, Dr.P.Anantha Christu Raj and D.Ruth Anita Shirley, "ROUTING IN A WIRELESS SENSOR NETWORK USING A HYBRID ALGORITHM TO IMPROVE THE LIFETIME OF THE NODES" **IOP Conf. Series: Materials Science and Engineering 1084 (2021) 012051,** IOP Publishing doi:10.1088/1757-899X/1084/1/012051, March 2021.

21. **M.SureshKumar**, VARDHINI.M, ASHMIKA.M.J - INDIAN CURRENCY IDENTIFICATION FOR VISUALLY IMPAIRED -**International Journal of Scientific Research in Engineering and Management (IJSREM),** ISSN: 2582-3930 , Volume 5, Issue 5, May 2021, pp 1-9.

22. **M.SureshKumar**, Dr. M. Nagabhushana Rao, Dr. R. Madana Mohana, Vamsidhar Talasila, PREDICTION OF CHRONIC DISEASES AT AN EARLY PHASE USING MACHINE LEARNING APPROACH, **Turkish Journal of Physiotherapy and Rehabilitation,** ISSN 2651-4451, Volume 32 Issue 3, May 2021, pp 769-777.

23. **M.SureshKumar**, D. Hepsiba Varalakshmi , Jayasudha Subburaj , P. Vijayakumar , S. Sheeba Rani, Automatic pollution sensing and control for vehicles using IoT technology, **Materials Today: Proceedings,** Volume 45, Part 2, May 2021, Pages 3019-3021.

24. Varalakshmi Perumal, **SureshKumar Murugaiyan**, Pavithran Ravichandran, R. Venkatesan, R. Sundar, "Real time identification of anomalous events in coastal regions using deep learning techniques, **Concurrency Computation Practice and Experience 2021,** June 2021 https://doi.org/10.1002/cpe.6421.

25. **M.SureshKumar**, Boomija.G, "Video Annotation Techniques for Micro Learning Integration in Cloud, **Grenze International Journal of Engineering and Technology,** ISSN (Online) : 2395-5295, Volume 7 Issue 1, June 2021, pp 405-409.

26. **M.SureshKumar**, Rekah.G, S.V,Juno Bella Gracia "Detection of Fraudulent Behaviours using Graph Cluster Analysis on Unsupervised Datasets, **Grenze International Journal of Engineering and Technology,** ISSN (Online) : 2395-5295, Volume 7 Issue 1, June 2021, pp 784-788.

27. **Suresh Kumar Murugaiyan**, Satheesh Narayanasami, Sudhakar Sengan, Saira Khurram, Farrukh Arslan, Regin Rajan, "Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT, **Wireless Personal Communications,** July 2021 https://doi.org/10.1007/s11277-021-08721-8

28. **M. SureshKumar**, P. Rizwan Ahmed, S.V.Shenoy, Govindaraj Pandith T G, Kamal Gulati and N. K. Bhasin,"DIGITAL TRANSFORMATION, IOTS AND AI APPLICATIONS IN ELECTRIC AND ELECTRICAL ENGINEERING SECTOR WITH RESPECT TO INDUSTRY 4.0",**Vidyabharati International Interdisciplinary Research Journal** (Special Issue),ISSN 2319-4979.

29. Darshana A. Naik, R. Madana Mohana, Gandikota Ramu, Y. Sri Lalitha, **M. SureshKumar**, K. V. Raghavender, "Analyzing histopathological images by using machine learning techniques, **Applied NanoScience** Feb 2022, https://doi.org/10.1007/s13204-021-02217-4

30. **SureshKumar M**, Varalakshmi P, Gowtham Y, Sakthi Jayasundar R, "Detection of Pneumonia from Chest X-Ray images using Machine Learning, **Concurrent Engineering: Research and Applications** June 2022, Vol. 0(0) 1–10 DOI: 10.1177/1063293X221106501

31. E. Dhiravidachelvi, **M.Suresh Kumar**, L. D. Vijay Anand, D. Pritima, Seifedine Kadry, Byeong-Gwon Kang and Yunyoung Nam,"Intelligent Deep Learning Enabled Human Activity Recognition for Improved Medical Services" **Computer Systems Science & Engineering** DOI: 10.32604/csse.2023.024612

32. **M.SureshKumar**, P.Krithika, " An Impact of Preserving Private Medical Data using Blockchain", **Grenze International Journal of Engineering and Technology,** June 2022 , Grenze ID: 01.GIJET.8.2.23 , India.

33. **M.SureshKumar, Varun ST, Krishna Sai K, "Tudofarm-An E-commerce Platform forAgricultural Products", IJFANS International Journal of Food and Nutritional Sciences, ISSN PRINT 2319 1775 Online 2320 7876, UGC CARE Listed (Group -I) Journal Volume 11, Iss 8, Dec 2022, pp 1570-1578.**

34. **M.SureshKumar, Varun ST, Krishna Sai K, "AI Based Gun Parts Inspection System Using Computer Vision", Industrial Engineering Journal, Dec 2022, Volume 15, Issue 2, pp 218-224.**

35. **M. Suresh Kumar, Deepak, P., Vasanthan, P., Vijayakumar, K.," Integrated global and local feature extraction and classification from computerized tomography (CT) images for lung cancer classification", Bratislava Medical Journal, 2024, 125(4), pp. 223–232**

36. **M. SureshKumar, Vasanthan, P.,G.Adiline Macriga,," IoT-based heart disease prediction in healthcare monitoring system using optimal feature integration and deep dilated network", Applied Soft Computing, 125(4), 2026**

37. **Suresh Kumar M, Vijaya Bhaskar Sadu, Mayura Shelke, Vivekanadhan V,Enhanced optimization of the diagnosis of liver disease with an intelligent adaptive neuro-fuzzy inference system, Biomedical Signal Processing and Control,Volume 117,2026,109494, ISSN 1746-8094, https://doi.org/10.1016/j.bspc.2026.109494**

BOOK PUBLICATIONS

Dr. T. Venkata Krishnamoorthy, Dr. Prasanth Yalla, **Dr. M. Sureshkumar** , Dr.D. Anitha, Dr. Pallam Ravi, Published the book titled "**ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**" South Asian Academic Publications, ISBN 978-81-956027-1-1, August 2022.

BOOK CHAPTERS

1. **M.SureshKumar,** Anu Valliammai R., "Intelligent Traffic Signal Monitoring System Using Image Processing, **Design, Applications, and Maintenance of Cyber-Physical Systems, Chapter publication, IGI Global Publisher,** ISBN13: 9781799867210, DOI : 10.4018/978-1-7998-6721-0.ch008, June 2021, pp 173-195.

2. **M. Suresh Kumar,** S. Rachel, M. V. Kaviselvan,"Machine Learning-Based Industrial Internet of Things (IIoT) and Its Applications", **Applied Learning Algorithms for Intelligent IoT,** DOI : 10.1201/9781003119838-6, Auerbach Publications Taylor and Francis, eISSN 9781003119838 First edition 8 October 2021.

3. **M. Suresh Kumar,"** LI-FI Based Human Health Monitoring System**", Renewable Energy with IoT and Biomedical Applications,** Dipti Press (OPC) Pvt. Ltd., ISBN 978-81-952585-4-3 , April 2021.

4. **M. Suresh Kumar,Vishwa Raviraj S.I, Sukrreshwaran R," Inclusion of XAI in artificial intelligence and deep learning technologies", Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications,2023 Chapter DOI: 10.1049/PBPC062E_ch4 , IET Digital Library, e-ISBN: 9781839536960 January 2024.**

PATENT DETAILS

S.No	Patent Title	Patent Number	Status	Date
1	Iot Based Automated Toilbots	202041045366 A	Published	30/10/2020

2	Voice Based Alerting And Assisting Tool For Visually Challenged	202141005842 A	Published	19/02/2021
3	Blood Leakage Detection During Self-Dialysis	202141018776 A	Published	07/05/2021
4	Smart Women Safety Detecting Wrist Band	345988-001	Granted	10/09/2021
5	IoT Based Energy Management System In Microgrid Using Lorawan	202141049030 A	Published	26/11/2021
6	IOT Controlled Hospital Room Monitoring System For Temperature And Humidity	360081-001	Granted	07.02.2024
7	ARTIFICIAL INTELLIGENCE AND IOT BASED SMART HEALTH CARE SYSTEM TO MONITOR AND PREDICT HEART ATTACK FOR ALL AGES USING WSN AND DEEP LEARNING ALGORITHMS	202221062686	Published	11.11.2022
8	HELTRAK - A MEDICAL APPLICATION WITH CHATBOT BASED ON AI	202241077128 A	Published	27/01/2023
9	VIRTUAL AI THERAPIST FOR MENTAL HEALTH MONITORING AND INTERVENTIONS	202341078526	Published 05.01.2024	05.01.2024
10	EnergetIQ:AI's Impact on industrial Energy Resilience	202441002449 A	Published	02.02.2024

FUNDED PROJECTS SANCTIONED/SUBMITTED :

1. Submitted to AICTE MODROB Project during the year 2016

2. DST proposal **submitted** as Co-Investigator **on SUPPORT TO FARMERS FOR GETTING MAXIMUM PROFIT FOR THEIR PRODUCE – A FIELD TO MARKET F-M APP [TPN / 27352]** during March 2019 cost 5177300**/-**

3. **Sanctioned Rs.3,67,500/-** for the course **Junior Software Developer** for the academic year 2018-19 under the **Pradhan Mantri Kaushal Vikas Yojana for Technical Institutes (PMKVY-TI) by AICTE, NewDelhi.**

4. **Submitted to TNSCST** for the project titled **"Intelligent Traffic Signal Monitoring System Using Image Processing"** by Anu Valliammai R, Jayakrithika K under the guidance of Dr.M.SureshKumar for year 2019-2020. Cost 6600/-

5. DST proposal **submitted** as Principal Investigator **on IoT Based Blood Leakage Detection During Self Dialysis [TPN / 59028]** during March 2019 cost 5177300**/-**

6. Project Implementation Group (PIG) Member in DST-FIST project.

7. SERB SUPRA proposal Submitted as Principal Investigator on **Design and performance evaluation of a domain extensible compiler for image processing domain-specific as well as hardware-specific optimizations [SPR/2022/000121]** during May 2022 cost 25 Lakhs.

8. Proposal submitted to **CISCO RESEARCH CENTER** titled "**Malware Analysis using combined Machine Learning Algorithms**" August 2022 cost USD 8813.

9. DST proposal **submitted** as Co-Investigator **on** *Facial expression-based music recommendations for people with disabilities* [TPN / 99222] during September 2023 cost 2947200**/-**

10. DST proposal **submitted** as Co-Investigator **on** A LIDAR INCORPORATED ARTIFICIAL INTELLIGENCE ENABLED, SMART VISION EMPOWERED GLASSES FOR VISUALLY IMPAIRED [TPN / 99146] during September 2023 cost 2673000/-

11. Proposal submitted to BIS as Principal Investigator on Study of Constructional Performance and Safety Requirements for School Bags during Sep 2025 cost 7,00,000/-

12. Proposal submitted to BIS as Principal Investigator on Review of Indian Standards on Data Presentation, Visualization, Summarization Analysis and Fitting with Statistical Distributional Models on during Sep 2025 cost 7,00,000/-

13. **Submitted to TNSCST** for the project titled **"InsightMate: An Inclusive Assistive App for the Visually Impaired"** by Dhanushini, Sivayogitha, Deepika under the guidance of Dr.M.SureshKumar for year 2025-2026. Cost 10000/-

MEMBERSHIP WITH PROFESSIONAL BODIES

- Life Member of Indian Society for Technical Education (**ISTE**). **Membership No : LM35699**
- **IEEE Senior Membership -** Membership No : 92283897 Valid Upto December 2022
- **IEEE Systems, Man, and Cybernetics Society Membership** Valid Upto December 2022
- **IEEE Computer Society Membership** Valid Upto December 2022
- Membership in International Association of Computer Science and Information Technology (**IACSIT**), Singapore, Membership No: **80341683.**
- Membership in International Association of Engineers (**IAENG**)
- Professional Member in Institute for Engineering Research and Publication (**IFERP**)- **Membership ID no PMIN03618257.**

EDITORIAL MEMBER / JOURNAL REVIEWER DETAILS

- Reviewer in Journal of Engineering Research and Sciences (JENRS) **Reviewer Code: JSR00755**
- Appointment as Member of the Editorial Board of **International Engineering Journal For Research & Development**
- Reviewer in Advances in Science, Technology and Engineering Systems Journal (**ASTESJ**) in the CAI. Computer Science, Artificial Intelligence, **Reviewer Code: RVCAI0541** (ISSN: 2415-6698)
- Reviewer in International Journal of Research and Analytical Reviews(**IJRAR**) journal - **Member ID 115314**
- Reviewer in **Elsevier Materials Today Proceedings**
- Reviewer in **Computational Intelligence and Machine Learning Journal.**
- Reviewed Articles in **Concurrent Engineering: Research and its Applications SCI Indexed Journal.**
- Reviewed Articles in **IGI Global Journal**
- Reviewed various articles in **IEEE conference and National Level conferences.**
- **Reviewed Articles in IOT, BSPC Elsevier Journals**

GUIDE/DC MEMBER DETAILS

- Guiding / Guided more than 70 Projects at various levels UG and PG students
- Acting as a **Doctoral Committee member in Anna University**
- Acting as a **Doctoral Committee member in SRM University**.
- Acting as a DC member in **Bharath Univeristy**

CERTIFICATE COURSES COMPLETED

1. Successfully Completed and received **CREDLY badges from CISCO in Cyber Threat Management (CTM) during Sep 2022**

2. Completed **AWS Cloud Practitioner Essentials course** in Sep 2022.

3. Successfully completed the **Microsoft certified Azure Fundamentals** course during Feb 2022.

4. Successfully participated and received **CREDLY badges from CISCO in Networking Academy Learn-a-thon 2022**

5. Completed **Cisco recognized Network Defense** course during Feb 2022.

6. **NPTEL Certificate** on
   a. Cloud Computing – 8 Weeks Course
   b. Internet of Things – 12 Weeks Course
   c. Ethical Hacking - 12 Weeks Course

7. Completed **NITTTR Module 2, Module 3, Module 4 and Module 5 Courses**

8. Completed **NSE 1 and NSE 2 Network Security Associate Certification from FORTINET.**

9. Successfully completed the **Online Orientation Training Program for Mentors** organized from 26th to 30th July 2021 under **NITTT and AICTE**

10. Completed **CISCO Certified CCNA V7 Module 1, Module 2** and **Module 3** course at **Amrita Vishwa Vidyapeetham, Instructor Training Centre.**

11. Completed **IEEE Certified** course on **Enterprise Blockchain for Healthcare** with 3 Professional Development Hours in October 2019

12. Completed **41.5 hours of UDEMY online Course on Machine Learning A-Z: Hands on Python & R in Data Science** during Nov 2019.

13. Completed **MATLAB Onramp** self-paced online course by **MathWorks Training Services** on Nov 2019

14. Completed **IITBX** course on **LaTeX for Students, Engineers, and Scientists** from Sep24 to Dec 3 2019.

15. Completed more than **50 courses in Coursera**

16. Completed **PALO ALTO certified Firewall: Install Configure and Manage** course in Jan 2017.

17. Complete **CISCO Certified courses on**

- Introduction to IoT

- Introduction to Cyber Security

- Cyber Security Essentials

- Introduction to Packet Tracer

- Introduction to PCAP-Programming Essentials in Python

- Emerging Technology Workshop - Network Programmability with Cisco APIC-EM

18. Completed **UDEMY Online Courses** on

- Programming with Python: Hands-On Introduction for Beginners

- Cool Cisco IOS commands. Master CLI tips = CLI like a Boss!

- CompTIA Network+ Certification Preview".

19. **Completed MS-TRILOGY (Diploma in RDBMS) in Software Solution Integrated Limited**, Chennai, August 1998.

20. **Brainbench Certified Java2 Programmer** – Transcript ID I694528 – December 2000.

21. **C**ompleted **Technical Enhancement Training on LINUX Administration** in Advantage from 03rd –10th June 2003.

AWARDS AND ACHIEVEMENTS

- Elevated as **IEEE Senior Member**

- Through **CISCO IDEATHON 2020, 2021 2022 2024 2025** totally **16 students (2+2+8+1+3)** got **Internship with Monthly stipend of Rs.98,000/- per month** and **Full Time Placement offer of Rs.17 Lakhs Per annum**
- Got best **faculty performer award from CISCO Networking Academy** during the conference conducted at CISCO Campus 2025.
- Awarded two times first prize in Girls in ICT event conducted globally.
- Acted as a **Remote Center Host Institution Coordinator** for one week short term course on **Cyber Crime and Forensic Tools 23/05/2022 to 27/05/2022** organized by **NITTTR Chandigarh**
- Received **Award from CISCO Networking Academy along with AICTE** for mentoring the students for **Cyber Security Virtual Internship Program 2021 (VIP)**
- Received **Best Teacher Award 2021 from Education Today Magazine**.
- Got **Certificate of Appreciation for Expert committee Member** in evaluating the courses **NEAT2.0- AICTE**
- Got Certificate for **Most Consistent and Active Mentors ATL Tinkerprenuer Summer Boot Camp 2021**
- Got **FIVE YEARS of active participation and dedicated services Award in CISCO Networking Academy**
- Received **Expert Level Instructor Award** for Contributions to CISCO Networking Academy 2017.
- Received **Best Teacher Award 2020 from Institute of Scholars**
- **IEEE Brand Ambassador** for promoting IEEE events
- Got **Best Teacher Award** for the year 2006 from **LIONS CLUB OF METROPOLITAN SOUTH,** Chennai**.**

WORKSHOPS/SEMINARS/SDP/FDP/CONFERENCES -ATTENDED/ORGANIZED:

- Completed 6 Days Faculty Development Program On Offensive Security From 30/06/2025 To 05/07/2025 Conducted By Cyberheals
- Participated in one week Professional Development program on Applications of Cloud Computing in Media and Internet **05.08.24 to 09.08.24** organized by **NITTTR Chennai**

- Participated in one week Faculty Development Program on "**Fundamentals of Data Science from 20.06.2022 to 25.06.2022"** organized by **Center for Faculty Development, Anna University** at St.Joseph's Institute of Technology, Chennai

- Participated in one week short term course on **Cyber Crime and Forensic Tools 23/05/2022 to 27/05/2022** organized by **NITTTR Chandigarh**

- Participated in One-week National Faculty Development Program on "**Research Trends in Data Analytics, Information Security and its Applications" conducted by Department of Computer Science and Engineering, Chandigarh University, Mohali,** from 9th March to 13th March, 2022.

- Participated and Completed **AICTE-ISTE approved orientation program on Active Learning Based Visual Computing" at Maharaja Agrasen Institute of Technology , New Delhi** from 09.02.2022 to 15.02.2022

- Participated in **IEEE TRYEngineering – Autonomous Vehicles** virtual event.

- Participated in an Online session on **Commercialization, its importance and challenges and way forward during Innovation Week organized by CIPR Anna University** on 10th January 2022.

- Participated and Completed **AICTE Training and Learning (ATAL) Academy Online FDP on Artificial Intelligence at MNNIT, Allahabad** from 04.05.2020 to 08.05.2020

- Successfully completed the module "**How to get your book published" on Monday 21 February, 2022 conducted by Researcher Academy, Elsevier**.

- Participated and Completed **AICTE Training and Learning (ATAL) Academy Online FDP on Cyber Security at BMS Institute of Technology and Management** from 07.09.2020 to 11.09.2020

- Participated and Completed **AICTE Training and Learning (ATAL) Academy Online FDP on Cyber Security at Sri Venkateswara College of Engineering, Allahabad** from 30.11.2020 to 04.12.2020

- Participated and Completed **AICTE Training and Learning (ATAL) Academy Online FDP on Cyber Security at National Institute of Technology, Nagaland** from 19.10.2020 to 23.10.2020

- Participated and Completed **AICTE Training and Learning (ATAL) Academy Online FDP on FOUNDATIONS OF OF CYBER SECURITY & DIGITAL FORENSICS at V R SIDDHARTHA ENGINEERING COLLEGE (AUTONOMOUS).** from 26.07.2021 to 30.07.2021

- Participated and Completed **AICTE Training and Learning (ATAL) Academy Online FDP on Learning Management System, National Institute of Technical Teachers**

Training Institute (NITTTR) Chennai from 15.03.2021 to 19.03.2021.

- Attended **AICTE FDP conducted by National Institute of Technical Teachers Training Institute (NITTTR) Chandigarh in the topic "Linux Applications in Engineering Education"** from 27.04.2020 to 01.05.2020

- Attended **AICTE FDP conducted by National Institute of Technical Teachers Training Institute (NITTTR) Chandigarh in the topic "Neural Networks and CNN"** from 11.05.2020 to 15.05.2020

- Attended **AICTE FDP conducted by National Institute of Technical Teachers Training Institute (NITTTR) Chandigarh in the topic "Open Source Cyber Security Tools"** from 18.05.2020 to 22.05.2020

- Attended the Six Days **AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME on "Leveraging the Power of Serverless Computing: Architectural and Economic Impact, Research Challenges and Issues" organized by Kongu Engineering College** during 23.11.2020 – 28.11.2020.

- Attended the six days **AICTE sponsored online short term training programme on "Recent Trends and Challenges of Internet of Things in Automation- I" organized by RMD Engineering College** from 13.07.2020 to 18.07.2020.

- Attended AICTE Sponsored **SIX DAYS ONLINE SHORT TERM TRAINING PROGRAM ON SERVICE ORIENTED APPLICATIONS: CONCEPTS, TECHNOLOGY, DESIGN AND DEVELOPMENT organized by RMK Engineering College** from 23rd November 2020 to 1st December 2020.

- Participated in the **One Week Faculty Development Programme on "CYBER SECURITY AND CYBER FORENSICS"** held from 21/09/2020 to 25/09/2020 at **Poornima College of Engineering, Jaipur.**

- Attended the Faculty Development Program on '**VIRTUAL LABS**', held virtually from 24-Aug-2020 thru 28-Aug-2020 as part of the "PALS-VLABS 2020-21 INITIATIVE with NITK Surathkal"

- Participated in five days **Online FDP on "Insights into cutting Edge Technologies" organized by RMD Engineering College** from 16.06.2020 to 20.06.2020

- Completed **NPTEL AICTE Faculty Development Programme on 12 weeks Course on Introduction to Internet of Things** Jan Apr 2021.

- Participated in the **Faculty Development Programme on "Creative and Innovative Teaching Strategies for the New Normal" organized by the Institution's Innovation Council of Sri Sivasubramaniya Nadar College of Engineering** during May 24-31,2021.

- Participated in 2 Hours of **Faculty Development Program on Next-Generation Firewall (Online Live FDP) conducted by ICT Academy** on 29 May 2020 to 29 May 2020

- Attended Three days **Online FDP program on eSIM organized by Vellore Institute of technology in association with Spoken Tutorial Project of IIT Mumbai** from 14 May 2020 to 16 May 2020.

- Attended two days **Online FDP program on Ruby Programming organized by Vellore Institute of technology in association with Spoken Tutorial Project of IIT Mumbai** from 11 May 2020 to 12 May 2020.

- Attended the Faculty Development Programme on "**End-to-End Processes in Data Analytics", held during November 02 - 06, 2020, SSN College of Engineering,**

- Participated in the **AFRO-ASIA SUMMIT 2021 an International Summit** on May 22nd, 2021

- Participated in the **Research Scholars' Colloquium (RSC'20) conducted by SSN College of Engineering during 23rd & 24th October, 2020** in online mode

- Attended two days workshop on **Understanding of Routing and Switching Concepts in Data Communication Networking using CISCO Packet Tracer** during 25-26 June 2021

- Received **IEEE certificate of participation in attending IEEE Authorship and OA Symposium on 26 th August 2021**.

- Participated in the Online Webinar on "**Outcome Based Teaching Learning Process in Technical Education" Conducted by National Institute of Technical Teachers Training Institute (NITTTR) Chennai** on 06.05.2021

- Participated in the **Three-Day Workshop on Cyber Forensics Organized by National Institute of Technical Teachers Training and Research Chandigarh** from 5th May 2021 to 7th May 2021.

- Eight Weeks Online FDP on **"Courseware creation using Moodle for Outcome based Education (Second run)"** from Nov 2019 to Jan 2020.

- Participated in **India Innovation Challenge Design Contest 2019 powered by AICTE and anchored by NSRCEL@IIMB - ID NO- 1505843**

- Acted as a **Panel member in M-APPS Club event on 06.09.2019**

- Attended **AWS Innovate Online Conference on 18th July 2019**

- Attended one day **Workshop on Intellectual Property Rights & Innovations on 20th July 2019** conducted by the Dept. of R&D, Sri SaiRam Engineering College

- Attended two days **FDP on Emerging Trends of Cloud Computing & Industrial Application from 16.07.2019 to 17.07.2019** conducted by CSE Dept, Sri SaiRam Institute of Technology

- **Attended t**he **FDP program on Robotics** conducted by Department of Mechanical Engineering in association with Indian Society for Technical Education (ISTE) from 13.05.2019 to 18.05.2019 .

- Attended 5 days **FDP program on Cloud Security and BlockChain Technology** from 22.4.19 to 26.4.19 conducted by IT Dept, Sri SaiRam Engineering College

- Attended **FDP on Outcome Based Education** conducted by IQAC of Sri SaiRam Engineering College on 5th and 6th April 2019.

- Attended 5 days **FDP program on NextGen TechStack** from 8.4.19 to 12.4.19 conducted by CSE Dept, Sri SaiRam Engineering College.

- Attended **5 days FDP program TCS TECH WEEK from 18.3.19 to 22.3.19** conducted by Sairam Placement Cell.

- **Event Coordinator, Reviewer, Session Chair for International Conference on Computing and Communication Technologies (ICCCT'19)** on 21st & 22nd Feb 2019.

- Acted as an Overall In charge for **Hands on Training for D2D program on Feb15th 2019** for CSE/IT department

- Attended **2019 Cisco Networking Academy Conference-India on 11th and 12th Feb 2019** at Bangalore

- Coordinator **for INTERNSMELA'19 - Internship Hiring Process on 28th January 2019**

- Coordinator for **Hands on Training on CCNA-Advanced Routing and Switching Techniques on 7th January 2019 for CISCO NETWORKING ACADEMY STUDENTS.**

- Attended one day FDP program titled **" Methodologies and Practices for profitable research through patents and IPR" sponsored by ALLINNOV R&D Pvt. Ltd., India on 4th January 2019**

- Attended 5 days FDP on **FIREWALL 7.1: INSTALL, CONFIGURE AND MANAGE** by **ICTACT** at Sri SaiRam Engineering College from 9th Jan 2017 to 13th Jan 2017.

- Attended **Workshop on Network Design-A Practical Approach**, Sri SaiRam Engg College, 3rd and 4th October 2013.

- Attended **Two Days National Level Workshop on "Semantic Web Vision and Technologies using PROTEGE", Sathyabama University, 6th and 7th December 2012.**

- Attended **One day Faculty Development Workshop on "Service Oriented Architecture", CTS,10th Feb 2012.**

- **Workshop on Art of Journal and Thesis Writing**, Sri SaiRam Engineering College, 19th January 2012.

- **Staff Development Programme (SDP) on Web Services,** Sri SaiRam Engineering College, November 2nd and 3rd 2011.

- **AICTE Sponsored National Conference** on "Communication and NanoElectronics Technology 2011" Sri SaiRam Institute of Technology, October 12-14 2011.

- **Internal Quality Auditor Training Programme on Quality Management System and Audit Training ISO 9001-2008** Creative Management Consultants, Chennai, 11th and 12th October 2011

- **International Workshop on Data Mining and Web Intelligence**, Madras Institute of Technology, Anna University, Chennai – 20th and 21st January 2011.

- **Two** Days **Workshop on Distributed Service Models, Anna University,** Chennai, 14th and 15th, October 2010.

- **Ministry of Communication & Information Technology(MOCIT) Sponsored National Level Seminar** on **Research Methodologies in Next Generation Wireless Network using OPNET**, Sri Sairam Engineering College, Chennai – 19th – 21st August 2010.

- Participated in **Mission 10X Workshop** at Sri SaiRam Engineering College, Nov 2- Nov 6 2009 conducted by WIPRO.

- **Two Days Workshop on Component Based Technology,** SSN College of Engineering, Chennai –18th & 19th September 2009.

- **AICTE Sponsored Staff Development Programme** (**SDP**), Mobile Networks, Sri SaiRam Engineering College, Chennai – 19th to 30th Jan 2009.

- **AICTE Sponsored Staff Development Programme** (**SDP**), **Web Services & Applications**, Sri Sairam Engineering College, Chennai – 5th to 17th May 2008.

- **Faculty Development Programme** (**FDP**), **Unix and Network Programming** Centre for Faculty Development, Anna University, Chennai – 3rd – 15th December 2007.

- National Conference on Information & Communication Technology NCICT '07, Sri Sairam Engg College, Chennai, 9th and 10th of March 2007.

- **A National Level Workshop on Current Trends in Communication & Networking CTCN 2006**, Madras Institute of Technology, Anna University, Chennai – 24th and 25th

February 2006.

- **Short Term Training Programme (STTP) on Middleware Technologies**, Sri Sairam Engineering College - 5th & 6th April 2006.

- **A National Level Workshop** on Fundamental Principles of Psyo & Counseling for Engg Faculty, Sri Sairam Institute of Management Studies, Chennai, 18th & 19th August 2006.

- **Faculty Development Programme (FDP) on Computer Architecture**, Sri SaiRam Engineering College, November 3rd and 4th 2005.

- **A National Level Seminar on Research Methodology**, Sri Sairam Engineering College, Chennai - 9th February 2005.

- **Workshop on Distributed and Mobile Computing**, Madras Institute of Technology, Anna University, Chennai, 15th March 2005.

- **Two Day Workshop on .NET and C#** , Computer Society of India, Chennai Chapter and Sri Sairam Engineering College, 17th & 18th December 2004.

- **Faculty Development Programme (FDP) on Data Structure and Algorithms**, Sri SaiRam Engineering College, 11th to 14th November 2004.

- **International Conference on Computer, Communication and Control**, Sri Sairam Engineering College, Chennai, 20th – 22nd of August 2004.

- **Internal Quality Auditor Training Programme on Quality Management System and Audit Training,** Creative Management Consultants**,** Chennai - 10th May 2003.

- **Seminar on Effective Teaching,** G.K.M College of Engineering & Technology, Chennai, 12th August 2002.

INSTITUTIONAL LEVEL RESPONSIBILITIES

- Taking care of **Overall Campus Networking (Both Internet and Intranet), Website Maintenance** in the college
- Taking care of Server administration and Firewall Configuration
- Overall Incharge of College ERP software – EDUMATE

- Administering all Staff and Student Email.
- Recognized **Cisco Networking Academy Instructor for CCNA Module 1, 2 and Module 3 and Handling value added courses** for CSE/IT students

- Coordinating all **Online based Examinations for Placement and other consultancy based Examinations**

- Acting as a **Criteria Coordinator for NBA, NAAC, NIRF for** the college.

- **Computer Lab Overall Incharge**, Sri Sairam Engg College, Chennai.

- Coordinator for **Anna University Practical Examination**

- **Committee member in** Online **Student Feedback System.**

- **Examiner and Question Paper setter** in various Universities.
- **Chairman/Vice Chairman /Chief Examiner** – Centrral Valuation –M.I.T , Anna University

- **Actively involved in all Departmental Activities** like Technical Symposium, Industrial Visit, Educational Tours, Workshops and Seminars.

PERSONAL PROFILE

Address for Communication	:	LINDA ENCLAVE
		F2, Plot No.20, Lakshmi Nagar Main Road
		Madipakkam, Chennai – 600 091
		9940371151
Email	:	sureshkumar.it@sairam.edu.in
Date of Birth	:	14th April 1977
Sex	:	Male
Martial status	:	Married
Hobbies	:	Music & Reading books

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

(M.SureshKumar)