

## Faculty Publications in National / International Journal

1. Dr. Sreejith Vignesh B P, Head, Department of information Technology, published a paper titled —An unpredictable study of 3D representation - Image Processing in Quantum state by Normalized Amplitude technique in the UGC Care listed Dickensian journal with 2022-ISSN :0012-2440||
2. Dr.R.Naveenkumar, Assistant Professor, Department of Information Technology, published a paper titled — A Comprehensive Study on the Protection of Transactional Information in Block chain and Privacy issues|| 2021 JETIR October 2021, Volume 8, Issue 10 [www.jetir.org](http://www.jetir.org) (ISSN-2349- 5162).
3. Mr.A.P.Thangamuthu, Assistant Professor, Department of Information Technology, has published an article titled “A Survey on Various Attacks and Countermeasures in Wireless Sensor Networks” in Shanlax International Journal of Arts, Science and Humanities P-ISSN No. 2321-788X-E-ISSN No. 2582-0397, Volume 9 issue No 2 October 2021
4. Dr.Sreejith Vignesh B P, Assistant Professor & Head, Department of information Technology, has published a paper titled “An investigation on Energy-Efficient Clustering Algorithm for Distributed Ad-hoc based Wireless Sensor Networks”, in the Journal, LEVANT(Scopus Indexed), Volume 20, Issue 9, September 2021.
5. Dr.K.Santhyia, Mr.I.Gobi and Dr.Sreejith Vignesh B P Assistant Professor, Department of Information Technology has published a paper titled “Data Analytics Using Knime – An Implementation View” in the Journal of Chengdu University of Technology, Volume no:26, issue number 8, 2021 with ISSN 1671-9727, August 2021.
6. Dr.K.Santhyia, Mr.V.Murugesh Assistant Professor, Department of Information Technology has published a paper titled, “Automated Crime Tweets Classification and Geo-location Prediction using Big Data Framework ” in the Turkish Journal of Computer and Mathematics Education, Volume No.12, Issue No.14,2021 with ISSN : 2133-2152, August 2021.
7. Mrs. S. Malathi and Mr. K. SathieshKumar Assistant Professor, Department of information Technology has published a paper titled “A Study on Virtual

Learning Method during Covid-19" in Journal of Chengdu University of Technology with ISSN 1671-9727, Volume no:26, issue 07, July 2021.

8. Dr.Sreejith Vignesh B P Assistant Professor & Head , Department of Information Technology has published a paper entitled "Sharing Secret With Multi Party Using Efficient Verifiable Threshold Algorithm" in the International Journal of Innovative Technology and Creative Engineering (ISSN:2045-8711) in VOL.13 NO.07 on July 2023.
9. 2. Dr. S. Ganeshmoorthy, Assistant Professor , Department of Information Technology has published a paper entitled "User Authentication Based On The Keystroke Dynamics" in the International Journal of Innovative Technology and Creative Engineering (ISSN:2045-8711) in VOL.13 NO.07 on July 2023.
10. 3. Dr. S. Ganeshmoorthy, Assistant Professor , Department of Information Technology has published a paper entitled "Parallel Mining Of Frequent Itemsets Using MapReduce" in the International Journal of Innovative Technology and Creative Engineering (ISSN:2045-8711) in VOL.13 NO.07 on July 2023.

11.4. Dr. S. Ganeshmoorthy, Assistant Professor , Department of Information Technology has has Published a paper entitled "A Maximum Residual Energy Based Multicast Protocol For Large Scale Networks Using An Novel Approach" International Journal of Innovative Technology and Creative Engineering (ISSN:2045-8711) in VOL.13 NO.07 on July 2023.

12.5. Ms. M. Kayalvizhi, Assistant Professor in the Department of Information Technology has published a paper entitled "Decisiveness PSO-Based Gaussian AOMDV(DPSO-GAOMDV) Routing Protocol: Smart Routing for Dynamic Traffic Condition in Stochastic Vehicular Ad Hoc Network" in International Journal of Computer Network and Applications (IJCNA), Volume:10, Issue 5, September-October :2023(ISSN:2395-0455)

13.6. Ms. M.Kayalvizhi, Assistant Professor in the Department of Information Technology has published a paper entitled " Efficacy Artificial Bee Colony Optimization Based Gaussian AOMDV(EABCO-GAOMDV) Routing Protocol: Smart Routing for Seamless Traffic Rerouting in Stochastic Vehicular Ad Hoc

Network" in International Journal of Computer Network and Applications(IJCNA), Volume:10,Issue 6,November-December :2023(ISSN:2395-0455).

14. Dr. Sreejith Vignesh B P & Dr. M. Prakash, Assistant Professors, in the Department of Information Technology has published a paper entitled as "A Hybrid Improved Unequal Secure Cluster Based Distributed Routing Protocol with Quantum Key Distribution to Improve the Performance Measures in Wireless Body Sensor Network" in International Journal of Computer Networks and Applications (IJCNA) Volume 11, Issue 4, July – August (2024) (ISSN: 2395-0455).
- 15.8. Dr. Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology has published a paper entitled "Enhancing Tomato Leaf Disease Detection: A Deep Dive into Hyperparameter Optimization in Deep Learning Architectures" in Industrial Engineering Journal Volume: 53, Issue 6, No.1, June: 2024 (ISSN: 0970-2555).
- 16.9. Dr. Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology has published a paper entitled "Trustpathx: Enhancing Secure Routing in Wireless Sensor Networks with Secure Path Finding" in Industrial Engineering Journal Volume: 53, Issue 8, No.2, August: 2024 (ISSN: 0970-2555).
- 17.10. Dr. Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology has published a paper entitled "Quantum-enhanced Diagnosis: Revolutionizing Tomato Leaf Disease Detection" Nanotechnology Perceptions 20 No. S5 (2024) pg no: 798–818.
- 18.11. Dr. Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology has published a paper entitled "Empowering Agriculture: A Comprehensive Review of Wireless Networks in Farming" in Industrial Engineering Journal Volume: 53, Issue 8, No.2, August: 2024 (ISSN: 0970-2555).
- 19.12. Dr. M. Prakash, Assistant Professor in the Department of Information Technology has published a paper entitled "A Hybrid Improved Unequal Secure Cluster Based Distributed Routing Protocol with Quantum Key Distribution to Improve the Performance Measures in Wireless Body Sensor Network" in

International Journal of Computer Network and Applications (IJCNA), Volume:11, Issue 4, July – August: 2024 (ISSN:2395-0455).

- 20.13. Dr. M. Prakash, Assistant Professor in the Department of Information Technology has published a paper entitled “A Hybrid Framework for Improved Weighted Quantum Particle Swarm Optimization and Fast Mask Recurrent CNN to Enhance Phishing-URL Prediction Performance” in International Journal of Computational Intelligence Systems, Springer Nature, Volume: 17, Article Number: 251, September: 2024.
- 21.14. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has published a paper titled “INTEGRATION OF SIMULATED SETTINGS TESTBEDS WITH DIGITAL TWINS FOR FUTURE AI ENABLED 6G NETWORKS” in IAPQR Transactions ISSN 0970-0102 with IF=6.718 Vol. 49, Issue 02, No.02: 2024 UGC CARE Approved, Group I, Peer Reviewed.
22. Mr. I. Gobi, Assistant Professor, Department of Information Technology has published a paper titled “SENTIMENT ANALYSIS OF INTERNET MEMES” in Fuzzy Systems and Soft Computing: ISSN 1819-4362 with IF=6.35 Vol.19, No. 02(VI), July-December: 2024 Peer Reviewed, Biannual, Referred Journal
23. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has published a paper titled “Evaluating the Performance of Machine Learning Models in Cancer Prediction through ROC and PRC Metrics” in Nanotechnology Perceptions ISSN 1660-6795, Vol. 20 No. S16 (2024) :- December: 2024 Peer Reviewed Journal.
24. Ms. S. Malathi, Assistant Professor, Department of Information Technology has published a paper titled “PREDICTION OF LIVER DISEASE USING ENSEMBLE TECHNIQUES” in IAPQR Transactions ISSN 0970-0102 with IF=6.718 Vol. 49, Issue 02, No.02: JAN-JUN 2025 UGC CARE Approved, Group I, Peer Reviewed.
25. Ms. S. Malathi, Assistant Professor, Department of Information Technology has published a paper titled “DATA DISSEMINATION STRATEGY FOR UAV IN UAV-ASSISTED VANETS” in IAPQR Transactions ISSN 0970-0102 with

26.

### **Faculty Presentation in National / International Conference**

1. Ms. S. Malathi, Assistant Professor, Department of Information Technology, presented a paper titled —A Novel Approach for Packet Loss Recovery Methodology, in the International Conference on Interdisciplinary Research Innovations in Science and Technology (ICIRIST-2022) organized by School of Computational Sciences, Nehru Arts and Science College, Coimbatore on 10.05.2022.
2. Mr. K. Sathieshkumar, Assistant Professor, Department of Information Technology, presented a paper titled —Bus Route Timing Analyzer using QR Scanner, in the International Conference on Interdisciplinary Research Innovations in Science and Technology (ICIRIST-2022) organized by School of Computational Sciences, Nehru Arts and Science College, Coimbatore on 10.05.2022.
3. Dr. K. Santhiya, Assistant Professor, Department of Information Technology, presented a paper titled —Sentiment Analysis and Emotional Modeling of COVID 19 tweets – An Implementation View, in the International Conference on Interdisciplinary Research Innovations in Science and Technology (ICIRIST2022) organized by School of Computational Sciences, Nehru Arts and Science College, Coimbatore on 10.05.2022.
4. Dr. Sreejith Vignesh B P, Assistant Professor and Head, Department of Information Technology, presented a paper titled —Advanced Future Fusion

for Multimodal Biometric using Hybrid Approach Template<sup>1</sup>, in the International Conference on Interdisciplinary Research Innovations in Science and Technology (ICIRIST-2022) organized by School of Computational Sciences, Nehru Arts and Science College, Coimbatore on 10.05.2022

5. Mr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology, presented a paper titled —Scrambling and Descrambling process in digital Video using DWT in Chrominance Channel<sup>1</sup>, in the International Conference on Interdisciplinary Research Innovations in Science and Technology(ICIRIST-2022) organized by School of Computational Sciences, Nehru Arts and Science College, Coimbatore on 10.05.2022.
6. Dr. B. Vasumathi, Assistant Professor, Department of Information Technology has attended 7 days International Virtual FDP on “Emerging Technologies in Computer Science Research” organized by PPG College of Arts and Science from 19.12.2022 to 27.12.2022.
7. Dr.S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has attended 7 days International Virtual FDP on “Emerging Technologies in Computer Science Research” organized by PPG College of Arts and Science from 19.12.2022 to 27.12.2022.
8. Dr.Sreejith Vignesh B P Assistant Professor & Head , Department of Information Technology has attended 3 days Virtual FDP Programme on “Emerging Technologies for Education and Research” organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
9. Dr. A. Vinoth, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on “Emerging Technologies for Education and Research” organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
10. Ms. S. Malathi, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on “Emerging Technologies for

Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.

11. Mr. I. Gobi, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
12. Dr. B. Vasumathi, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
13. Dr. K. Santhiya, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
14. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
15. Dr. G. Vani, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
16. Dr. M. Prakash, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.
17. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has attended 3 days Virtual FDP Programme on "Emerging Technologies for Education and Research" organized by the Department of

CSE, ECE and EEE, Sree Sakthi Engineering College, Coimbatore from 30.01.2023 to 01.02.2023.

18. Dr.N.Kalaivani, Assistant Professor , Department of Information Technology has attended 5 days National level FDP on “Research Trends in Science & Technology” organized by Hindusthan College of Arts and Science from 06.03.2023 to 11.03.2023.
19. Dr.G.Vani , Assistant Professor , Department of Information Technology has attended 5 days National level FDP on “Research Trends in Science & Technology” organized by Hindusthan College of Arts and Science from 06.03.2023 to 11.03.2023.
20. Dr.Sreejith Vignesh B P Assistant Professor & Head, Department of Information Technology has attended 5 days National level FDP on “Research Trends in Science & Technology” organized by Hindusthan College of Arts and Science from 06.03.2023 to 11.03.2023.
21. Mr.I.Gobi, Assistant Professor, Department of Information Technology has participated in 50th Edition of Bridge 2023 - Chennai (A High Impact Industry - Institute Interaction Event of India) organized by ICT Academy held at Chennai Trade Centre, Chennai on 14.03.2023.
22. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology, Sri Krishna Adithya College of Arts and Science has presented a paper titled “Classification of Web Pages: A Comparison of Recent Machine Learning Techniques” at the 7<sup>th</sup> International Conference on Electronics , Communication and Aerospace Technology (ICECA 2023) held from 22 to 24 November 2023 at RVS Technical Campus, Coimbatore.
23. Dr. M. Prakash, Assistant Professor of Information Technology has participated and presented a paper on Safe Guarding TLS through esoteric Diffie-Hellman Algorithm. In the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

24. Dr.M. Prakash, Assistant Professor of Information Technology has participated and presented a paper on Routing Protocol for Vanet using Cooperating Unnamed aerial vehicles for Transport in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
25. Dr. M. Prakash, Assistant Professor of Information Technology has participated and presented a paper on Fingerprint based Voting System in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
26. Dr. M. Prakash, Assistant Professor of Information Technology has participated and presented a paper on location Based search engine using Geoparsing algorithm in php in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
27. Dr.M. Prakash, Assistant Professor of Information Technology has participated and presented a paper on Adaptive routing protocol in frequent disconnected mobile ad-hoc networks in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
28. Dr.M. Prakash, Assistant Professor of Information Technology has participated and presented a paper on Android Application for Tracking College bus in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
29. Dr. N. Kalaivani Assistant Professor of Information Technology has participated and presented a paper on Implementation of KCA approach to Overcome Smart Jamming in the International Conference on harmonizing Sustainable

Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

30. Dr. N. Kalaivani Assistant Professor of Information Technology has participated and presented a paper on Enabling Integrity Auditing for encrypted cloud data in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
31. Dr. N. Kalaivani Assistant Professor of Information Technology has participated and presented a paper on Lane change detection based on vehicle – Trajectory in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
32. Dr. N. Kalaivani Assistant Professor of Information Technology has participated and presented a paper on Product recommender system based on ranking and customers review in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
33. Dr. N. Kalaivani Assistant Professor of Information Technology has participated and presented a paper on Chronic Liver disease prediction using Machine-Learning & Algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
34. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Blocking malware / unauthorized torrent files in Peer-to-Peer Network in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

35. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Intrusion detection using Machine-Learning technique in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
36. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Predicting link quality estimation routing protocol for reliable WBSN in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
37. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Web application for Anti-Ragging system using Php and MySQL in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
38. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has presented a paper on Risk classification Based approach for malware IP-Spoofing attack detection in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
39. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Packet loss recovery in broad at for Real-time applications the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

40. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on E-Commerce info extraction using vision Based machine learning algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
41. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Identification of Phishing websites using random forest algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
42. Dr. B. P. Sreejith Vignesh, Assistant Professor and Head, Department of Information Technology has participated and presented a paper on Chronic Liver disease prediction using Machine-Learning & Algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
43. Mr. I. Gobi, Assistant Professor, Department of Information Technology has participated and presented a paper on Crypto currency price prediction based on Arima in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
44. Mr. I. Gobi, Assistant Professor, Department of Information Technology has participated and presented a paper on Self-Healing approach for fault-Tolerant Data aggression in WSN in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

45. Mr. I. Gobi, Assistant Professor, Department of Information Technology has participated and presented a paper on Data Dissemination strategy for VAN in VAN-Assisted Vanets in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
46. Mr. I. Gobi, Assistant Professor, Department of Information Technology has participated and presented a paper on Smart Timetable generation using genetic algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
47. Mr. I. Gobi, Assistant Professor, Department of Information Technology has presented a paper on Group key agreement protocol using elliptic curve secret sharing scheme in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
48. Mr. I. Gobi, Assistant Professor, Department of Information Technology has presented a paper on Securing Data Transmission in IOT in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
49. Ms. S. Malathi, Assistant Professor, Department of Information Technology has presented a paper on A Lightweight secure routing framework for IOT/WSN networks in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
50. Ms. S. Malathi, Assistant Professor, Department of Information Technology has presented a paper Online Multipurpose ID using PHP in the International

Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

51. Ms. S. Malathi, Assistant Professor, Department of Information Technology has presented a paper on An Android app for elder people voice based medicine reminder alert in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
52. Dr. A. Vinoth, Assistant Professor, Department of Information Technology has presented a paper on A parallel corpus Based approach to the crime event extraction in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
53. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
54. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on Location Based search engine using Geoparsing algorithm in php in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
55. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on Sign language recognition using python in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

56. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on A Maximum residual energy based multi cast protocol for large-scale networks in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
57. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on A Lightweight secure routing framework IOT/WSN Networks in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
58. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on Phishing attack detection using decision tree algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
59. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper on Online securing examination in networks based on distribute pair-Keys in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
60. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on Deploying balanced data deduplication in mobile edge computing in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
61. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on Traffic prediction for intelligence

transportation system using YOGO algorithm in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

62. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on Simultaneous multi-path data transmission to enhance the resource utilization in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024
63. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on multiparty quantum secret sharing based on a novel Structure and signal qubits in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
64. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has participated and presented a paper on Classification of food and its nutritional prediction using deep learning in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024
65. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on Multiscale image splitting based on manual annotation in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
66. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has participated and presented a paper on Task distribution strategy for heterogeneous cloud platform based on Markov processes in the

International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

67. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on Boundary state self-organizing networks for poor re-configurability of loom IOT Networks in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
68. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on An AI Based keystroke dynamics for user Authentication in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
69. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology as participated and presented a paper on Biometric template security using cancelable biometric system (CBS) in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
70. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper on Daenet: Making strong anonymity scale in a fully decentralized network in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
71. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has participated and presented a paper on Load balancing routing & virtualization based on SDN for IOT Applications in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of

social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

72. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper on An QIH Routing protocol for WSNs to communicate beyond boundaries in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
73. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper on Medical remote monitoring of Multiple physiological parameters based on wireless intern in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
74. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper on Secure signature scheme with multiple authorities for block chain in electronic system in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
75. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper on Students surveillance system using Android in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.
76. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper on AI based tagging and browsing approaches for efficient manual image annotation in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

77. Ms. M. Kayalvizhi, Assistant Professor, Department of Information Technology has participated and presented a paper on Theft alert using AI in the International Conference on harmonizing Sustainable Development Goals: Harnessing the Power of social media and AI for Global Impact organized by Rathinam College of Liberal Arts & Science held on 23.02.2024.

78. Dr. B. P. Sreejith Vignesh, Head and Assistant Professor, Department of Information Technology has presented a paper titled "Artificial Intelligence In College Life "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real-Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

79. Dr. B. P. Sreejith Vignesh, Head and Assistant Professor, Department of Information Technology has presented a paper titled "Developing a Advantages of Plant-Based Diets for Health "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

80. Mrs. S. Malathi, Assistant Professor, Department of Information Technology has presented a paper titled "Early Prediction of Childhood Disintegrative Disorder (CDD) Through Machine Learning Techniques "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

81. Mrs. S. Malathi, Assistant Professor, Department of Information Technology has presented a paper titled "Information Leak Detection and Prevention Using AES 256 Algorithm "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

82. Dr. A. Vinoth, Assistant Professor, Department of Information Technology has presented a paper titled "Routing Decisions Through Energy Cost Estimation for IIOT and IWSNS in Smart Industry 4.0" in 3<sup>rd</sup> International Conference

Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

83. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Developing A Biometric (Finger Print and Iris) Template Attack Detection Using Deep Learning "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
84. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Multiparty Authorization Using Data Mining "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024
85. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Interactive Multiple User Location Based Keyword Mining Queries on Road Networks "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
86. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Window Chunking Data Mining Algorithm for Eradicating Duplicate Data in Marine Observation "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24 organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024
87. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Recurrent Neural Network Based Antijamming Framework for Defense Against Jamming Attacks "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications

(ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

88. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Keystroke Based Behavioral Biometric Dynamics for User Authentication "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
89. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Mac Signature Based Audit Message Verification Process for Cloud Data Integrity "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
90. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Chronic Kidney Disease Prediction Using Machine Learning Techniques "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
91. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Brain Tumor Classification from MRI Using CNN "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
92. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has presented a paper titled "Deep Learning Techniques for Instant Food Nutrition Estimation: A Framework Proposal "in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA'24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

93. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has presented a paper titled “Fault Tolerant Task Scheduling with Neighboring Reservations for Improved Cloud Resource Utilization “in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA’24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
94. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper titled “An Integrated SDN Architecture for Mitigating Ip Spoofing Attack “in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA’24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
95. Dr. M. Prakash, Assistant Professor, Department of Information Technology has presented a paper titled “Measure pert: Arithmetic and Transducer by Kotlin” in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA’24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
96. Dr. M. Prakash, Assistant Professor, Department of Information Technology has presented a paper titled “Obstacle Detection System Using Arduino” in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA’24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
97. Dr. M. Prakash, Assistant Professor, Department of Information Technology has presented a paper titled “Student Academic Performance Tracker Using Python” in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA’24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.
98. Mrs. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper titled “Chauffer Liquor Perception Methodology for Welfare “in 3<sup>rd</sup> International Conference Enhanced Techniques in Real- Time Applications (ICETRA’24) organized by the Department of Computer Science, United College of Arts and Science, Coimbatore on 13.09.2024.

99. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled “RNN Driven Antijamming System for Enhanced Signal Protection “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024

100. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled “Secure Decentralized Data Sharing and Mining of Patients Health Records “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

101. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled “Developing Secure Fingerprint and Iris Biometric Templates Using Deep Learning “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

102. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled “Collaborative Location Based Keyword Analysis on Road Networks “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

103. Dr. M. Prakash, Assistant Professor, Department of Information Technology has presented a paper titled “Enhanced Melanoma Detection Through Advanced Deep Learning Techniques in Skin Lesion Analysis “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

104. Dr. M. Prakash, Assistant Professor, Department of Information Technology has presented a paper titled “Efficient Obstacle Detection System with Arduino Integration “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

105. Dr. M. Prakash, Assistant Professor, Department of Information Technology has presented a paper titled “Smart Academic Performance Tracker Powered by Python “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

106. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has presented a paper titled “Improving Cloud Performance Through Fault-Resilient Scheduling with Proactive Resource Allocation “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

107. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper titled “Heart Disease Prediction Using Machine Learning and Deep Learning Algorithm “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

108. Mrs. M. Kayalvizhi, Assistant Professor, Department of Information Technology has presented a paper titled “Chauffer Liquor Perception Methodology for Welfare “in International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

109. Mrs. S. Malathi, Assistant Professor, Department of Information Technology has presented a paper titled “Advanced Security: Detecting and Preventing Information Leaks with AES -256 Encryption “In International Conference on Advanced Computing (ICAC-2024) organized by the Department of Computer Science, Bharathiar University, Coimbatore on 26.09.2024 and 27.09.2024.

110. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled “Arima Time Series Based Bitcoin or Cryptocurrency Price Prediction Model That Uses Real Time Data” in National Conference on “EMERGING ISSUES AND CHALLENGES IN COMMERCE

AND INFORMATION TECHNOLOGY" organized by Department of Commerce with Computer Applications on 27.09.2024.

111. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper titled "Heart Disease Prediction Using Machine Learning and Deep Learning Algorithm" in National Conference on "EMERGING ISSUES AND CHALLENGES IN COMMERCE AND INFORMATION TECHNOLOGY" organized by Department of Commerce with Computer Applications on 27.09.2024.
112. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Secure Decentralized Data Sharing and Mining of Patients Health Records "in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
113. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Early Detection of Glioma and Meningioma Using MRI with Deep Convolutional Neural Networks" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
114. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "ARIMA Time Series Based Bitcoin or Cryptocurrency Price Prediction Model That Uses Real Time Data" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
115. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Minimizing Redundancy in Marine

Data: A Window Chunking Approach" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.

116. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Deep Learning for Detecting Attacks on Multimodal Biometric Templates" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
117. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has presented a paper titled "Enhanced Cloud Resource Utilization Through Redundant Task Scheduling with Adaptive Fault Tolerance" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
118. Dr. B.P. Sreejith Vignesh, Head and Assistant Professor, Department of Information Technology has presented a paper titled "Fire Alarm and Notification System using Python" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
119. Dr. B.P. Sreejith Vignesh, Head and Assistant Professor, Department of Information Technology has presented a paper titled "Technological Advances in Plant Based Diet Research for Health Benefits: An Analytical Study" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by

Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.

120. Mr. I. Gobi, Assistant Professor, Department of Information Technology has presented a paper titled “Hand Gesture and Face Recognition Based Virual Mouse Using Open Cv and Python” in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT’24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
121. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled “Leveraging Machine Learning for Early Detection of Chronic Kidney Disease” in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT’24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
122. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper titled “A Unified SDN Framework for Mitigating Ip Spoofing Attacks” in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT’24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
123. Dr. A. Vinoth, Assistant Professor, Department of Information Technology has presented a paper titled “Efficient Routing in Industry 4.0: Energy-Aware Decisions for IIOT and IWSNS” in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT’24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
124. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has presented a paper titled “Real -Time Nutritional Value

Estimation Framework Using Deep Learning Techniques" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.

125. Dr. S. Ganeshmoorthy, Assistant Professor, Department of Information Technology has presented a paper titled "Homomorphic Encryption for Secure Cloud Data Processing" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) held on 4th October 2024 organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai-600 089.
126. Dr. B.P. Sreejith Vignesh, Head and Assistant Professor, Department of Information Technology has presented a paper titled "Developing a Advantages of Plant-Based Diets For Health" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
127. Dr. G. Vani, Assistant Professor, Department of Information Technology has presented a paper titled "Heart Disease Prediction Using Machine Learning and Deep Learning Algorithm" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.
128. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has presented a paper titled "Enhancing Household Voltage Fluctuations with IT: PYTHON, Microprogramming and IOT" in National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24) organized by Department of Computer

Science and Applications, FSH, SRM Institute of Science and Technology, Ramapuram, Chennai on 04.10.2024.

## **Invited Expert Talk by Faculty**

1. Dr.Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology acted as resource person and delivered a talk on “Ways to discover the Entrepreneur in you” in the Mahalashmi Women’s College of Arts and Science on 31.10.2021
2. Mr. I. Gobi, Assistant Professor, Department of Information Technology, acted as a Resource Person for a Seminar on “EDP and its impact on Society”, organized by Sri Narayana Guru College, Coimbatore on 08.11.2022.
3. Dr.Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology acted as resource person and delivered a talk on “Role of IPR for Successful Startups” through research circle app on 18.05.2022
4. Dr.Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology acted as resource person and delivered a talk on “Design Thinking for Teacher Learners” at KSR College of Education on 11.05.2022
5. Ms. S. Malathi, Assistant Professor, Department of Information Technology, acted as a Resource Person for a Webinar on “Data Science and its Applications”, organized by Angappa College of Arts and Science, Coimbatore on 04.04.2022.
6. Dr. B.Vasumathi , Assistant Professor, Department of Information Technology, acted as Resource Person in Online National Level Webinar on “Big Data Analytics Tools” Organized by the Department of Computer Science and Computer Application in Collaboration with IQAC, Veltech Ranga sanku Arts college, Chennai. held on 25.03.2022.
7. Dr. R. Naveen Kumar , Assistant Professor, Department of Information Technology acted as resource person and delivered a talk on “ Hack against

hunger at “ Sree Narayana Guru College Of Arts and Science, Coimbatore on 18.03.2022.

8. Dr.Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology acted as resource person and delivered a talk on “Design Thinking, Critical Thinking and Innovation Design” at PPG College of Arts and Science on 31.01.2022
9. Dr. Vinoth A, Assistant Professor, Department of Information Technology acted as resource person and delivered a talk on “IoT and its Applications”, at Vels Institute of Science, Technology and Advanced Studies (VISTAS), Pallavaram, Chennai, on 31.01.2022.
10. Dr.Sreejith Vignesh B P, Assistant Professor & Head, Department of Information Technology acted as resource person and delivered a talk on “Ways to discover the Entrepreneur in you” in the Mahalashmi Women’s College of Arts and Science on 31.10.2021
11. Dr.Sreejith Vignesh B P, Head, Department of Information Technology, acted as resource person for the webinar on the topic “Transition from School Education to College education” Excel College for Commerce and Science - Kumarapalayam, on 21.09.2021.
12. Mr. V. Murugesh, Assistant Professor of Information Technology has delivered a Webinar on “Why understanding coding is important for an IT career?”. Excel college for commerce and science, on 23.09.2021.
13. Dr.A.Vinoth, Assistant Professor of Information Technology has delivered A Webinar on “IoT and its Applications”, at Srimad Andavan Arts and Science College, Trichy, on 17.08.2021.
14. Dr.A.Vinoth, Assistant Professor of Information Technology has delivered A Webinar on “Internet of Things”, at Mahalakshmi Women’s College of Arts and Science, on 20.08.2021.
15. Dr.A.Vinoth, Assistant Professor of Information Technology has delivered A Webinar on “Java and Data Structure”, Mar Gregorios College, Chennai, on 26.08.2021.
16. Dr.K.Santhiya , Assistant Professor of Information Technology acted as a resource person in “Two Days State Level FDP on Recent Trends in Information Technology ” and delivered a session on “ Data Visualization Using Tableau” Organized by PG Department of Computer Science,

Department of Computer Applications, Information System Management and IQAC, M.M.E.S Women's Arts and Science College, Vellore, on 27.08.2021.

17. Mr.I.Gobi , Assistant Professor of Information Technology acted as a resource person one Day Webinar on "Generic View of DBMS " Organized by Department of Computer Science, Ramakrishna College of Arts and Science, on 19th August,2021.Dr.Sreejith Vignesh B P, Certified Career Coach, Convener - Institute Innovation Council cum Head, Department of Information Technology, acted as a Resource Person for the session on "How to Plan for Startups? Legal and Ethical Steps", Faculty of Pharmacy, Karpagam Academy of Higher Education, on 07.07.2021.
18. Dr.Sreejith Vignesh B P, Head, Department of Information Technology, acted as resource person for the webinar on the topic "Employability Skills to grab placements in IT sector", Sri Krishnaswamy college for women on 11.07.2021.
19. Dr.Sreejith Vignesh B P, Head, Department of Information Technology, acted as resource person for the webinar on the topic "Digital tools facilitating faculty in pedagogy", Nehru Arts and Science College - Coimbatore on 10.07.2021
20. Dr.Sreejith Vignesh B P, Head, Department of Information Technology, acted as resource person for the webinar on the topic "Research Innovation and Ranking", Sardar Vallabhai Patel International School of Textiles and Management - Coimbatore, on 09.07.2021.
21. Dr.K.Santhiya , Assistant Professor of Information Technology acted as a resource person in AICTE Sponsored Online One Week Short Term Training Programme (STTP)- Phase II on "Data Science and Big Data Analytics" organized by Department of Computer Science, School of Physical Sciences and Computational Sciences, Avinashilingam Institute for Home Science and Higher Education for Women, on 08.07.2021 and 11.07.2021.
22. Dr.K.Santhiya , Assistant Professor of Information Technology acted as a resource person in AICTE Sponsored Online One Week Short Term Training Programme (STTP)- Phase III on "Data Science and Big Data Analytics" organized by Department of Computer Science, School of Physical Sciences and Computational Sciences, Avinashilingam Institute for Home Science and Higher Education for Women, on 15.07.2021 and 18.07.2021

23. Dr.K.Santhyia , Assistant Professor of Information Technology acted as a resource person in AICTE Sponsored Online One Week Short Term Training Programme (STTP)- Phase IV on “Data Science and Big Data Analytics” organized by Department of Computer Science, School of Physical Sciences and Computational Sciences, Avinashilingam Institute for Home Science and Higher Education for Women, on 29.07.2021 and 02.07.2021.

## **Book Publications**

1. Dr.Sreejith Vignesh B P, Assistant Professor and Head, Department of Information Technology, has published a chapter in the Book chapter titled “Challenges in the Information Technology” in the book “Recent Issues in Information Technology and Management” with ISBN : 978-3-96492-254-0 , August 2021.
2. Dr. Sreejith Vignesh B P, and Dr. Ganeshmoorthy, Assistant Professors, Department of Information Technology has published a book titled “Java Programming” and appreciated as best award of the year with ISBN: 978-81-19313-98-3 published in Oct 2023.
3. Ms. S. Malathi, Assistant Professor, Department of Information Technology has published a book titled “Machine Learning with Python” with ISBN: 978-81-19313-06-8, by Global Aasan Research, Virudhunagar, in June 2023.
4. Ms. S. Malathi, Assistant Professor, Department of Information Technology has published a book titled “Cloud Computing” with ISBN: 978-81-19980-08-6, by SK Research Group of Companies, Madurai, November 2023.
5. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has published a book titled “C++ Programming” with ISBN: 978-93-5757-116-6, by Scientific International Publications, June 2023.
7. Dr. Ganeshmoorthy S, Assistant Professor, Department of Information Technology has published a book titled “Linux and Shell Programming” with ISBN :978-81-96829-42-1 in Jan 2024.

8. Dr. Ganeshmoorthy S, Assistant Professor, Department of Information Technology has published a book titled “Visual Basic” with ISBN :978-81-973752-9-3, published by Global Aasan Research, Virudhunagar, Tamilnadu in July 2024.
9. Dr. Sreejith Vignesh B P, Assistant Professor and Head, Department of Information Technology, has published a book titled “Business Intelligence” with ISBN 978-81-972522-7-3 published by Global Aasan Research, Virudhunagar, 626204, Tamil Nadu, India, 2024.
10. Dr. G. Vani, Assistant Professor, Department of Information Technology has published a book titled “Revolution of IoT: the New Frontier” with ISBN: 979-8-30-15-9378-9, by Scientific Research Publications, January 2025.
11. Dr. N. Kalaivani, Assistant Professor, Department of Information Technology has published a book titled “Decoding Digital Network Applications – How Social Media Worksout” with ISBN: 97-8-93-34-16718-4, by Scientific Research Publications, January 2025.