Sri Sai Ram Engineering College

Department of Information Technology

Name :	**B.Renukadevi**
Designation:	Assistant Professor-III
Qualification :	M.E.,
Area of Specialization :	Programming and data structures Software Defined Networks Machine Learning Data Structures and Algorithms
Experience :	Teaching: - 10 Yrs. UG: - 10 Yrs
	Industry : - NIL
No. of workshop / Conferences / FDP attended :	FDP :- 25 National Conference:-2 International Conference:-13

Publication :	Journal
	        National : - 4
	        International : - 7

	Conference
	        National :- 1
	        International :- 10

Research Guidance : -	Nil
Membership:	Member in Indian Society for Technical Education- ISTE Member in International Association of Engineers - IAENG
Achievements:	Score 100% result in Fundamentals of computing and programming Data Structures and Algorithms Programming and Data Structures –II Computer Programming Programming and Data Structures –I Cyberforensics Software Project Management

Workshop / Conferences / FDP attended:

Faculty Development Program/Workshop

1. Participated in the Faculty Development Program on "Six Sigma for Industrial Projects" conducted by MHRD Institution Innovation Council (SEC-IIC) at Sri Sai Ram Engineering College on 1st February 2021.

2. Participated in the ATAL Faculty Development Program on "Green Technology and Sustainable Engineering" conducted by St.Joseph's Institute of Technology from 14.12.2020 to 18.12.2020

3. Participated in the Workshop on "Case Analysis and Development" conducted at Sri Sai Ram Engineering College from 18.12.2020 to 23.12.2020.

4. Participated in the Short term training program on "Medical Image Analysis" conducted by the department of ECE at V.S.B. Engineering College from 2-7.11.2020.

5. Participated in the Workshop on "Research challenges in Wireless sensor network and Opportunities in IoT" conducted at Muthayammal Engineering College on 17.10.2020.

6. Participated in the ATAL Faculty Development Program on "Datasciences" conducted by National Institute of Technology-Karnataka from 21.9.2020 to 25.9.2020.

7. Participated in the ATAL Faculty Development Program on "Cybersecurity" conducted by BMS Institute of Technology and Management from 7.9.2020 to 11.9.2020.

8. Participated in the Train the trainers program conducted by Centre or University - Industry Collaboration(CUIC), Anna University during 18.6.2020 and 19.6.2020.

9. Participated in the Faculty Development Program on "Cybersecurity Techniques and Tools" conducted by the Department of Information Technology in Sri Sai Ram Engineering College on 15.6.2020 to 19.6.2020.

10. Participated in the ATAL Faculty Development Program on "Internet of Things(IoT)" conducted by Jawaharlal Nehru University,New Delhi from 31.5.2020 to 4.6.2020.

11. Participated in the ATAL Faculty Development Program on "Augmented Reality(AR) and Virtual Reality(VR)" conducted by Indian Institute of Technology, Patna from 25.5.2020 to 29.5.2020.

12. Participated in the Faculty Development Program on "Tools explored in disruptive technologies" conducted by the Department of Information Technology, Sri Sai Ram Institute of Technology from 11th-16th May 2020.

13. Participated in the Faculty Development Program on "Robotic Process Automation" conducted by Jeppiaar Institute of Technology from 4th-6th May 2020.

14. Participated in the Faculty Development Program on "Data Science with Python" conducted Online by ICT Academy, during 23ʳᵈ-29ᵗʰ April 2020.

15. Participated in Faculty Development Program on "Methodologies & Practices for Profitable research through patents & IPR" conducted by Allinnov R&D.(P).Ltd. at Sri Sai Ram Engineering College on 4ᵗʰ January 2019.

16. Participated in Curious Program conducted by IITM's HTIC MedTech Incubator at Indian Institute of Technology Madras Research Park, Chennai from 24ᵗʰ-25ᵗʰ January 2019.

17. Participated in "Ideation and Proposal Formulation Workshop" conducted by Rural Technology Action Group, IIT Madras, Chennai from 9ᵗʰNovember 2018.

18. Participated in Faculty Development Program on "ILP XPlore Orientation Program" conducted by Tata Consultancy Services at Tata Consultancy Services ILP Centre from 22ⁿᵈ-25ᵗʰ January 2018.

19. Participated in the Faculty Development Program on "Problem Solving and Python Programming" conducted by the Department of Information Technology, Sri Sai Ram Institute of Technology from 5ᵗʰ-6ᵗʰ June 2018.

20. Participated in Faculty Development Program on "CS6703-Grid and Cloud Computing" conducted by Centre for Faculty Development, Anna University, Chennai at Sri Sai Ram Institute of Technology from 8ᵗʰ-16ᵗʰ June 2017.

21. Participated in Faculty Development Program on "CS6701-Cryptography and Network Security" conducted by Centre for Faculty Development, Anna University, Chennai at SSN College of Engineering from 9ᵗʰ to 16ᵗʰ June 2016.

22. Participated in Faculty Development Program on "CS6551-Computer Networks" conducted by Centre for Faculty Development, Anna University, Chennai at Sri Sai Ram Institute of Technology from 6ᵗʰ-13ᵗʰ January 2016.

23. Participated in the Faculty Development Program on "Cloud Computing and Big Data" conducted by the Department of Computer Science and Engineering from 8ᵗʰ-9ᵗʰ December 2014.

24. Participated in the Faculty Development Program on "Software Testing" conducted at Tata Consultancy Services, Siruseri on 14ᵗʰ November 2014.

25. Participated in Faculty Development Program on "Network Simulators for Research Issues in Wireless Technology, NSRIWT 2012" conducted by Department of Information Technology in Bannari Amman Institute of Technology, Sathyamangalam from 27ᵗʰ February-04ᵗʰ March 2012.

International Conferences

1. Attended International Virtual Conference on Advances in Communication, Machine Learning, Embedded with Internet of Things (IVCACME-2021) and presented a paper titled " PICKIT-BE SAFE WITH US" on 09.04.2021 to 10.04.2021 organized by Department of Electronics and Communication Engineering at Kongu Engineering College, Perundurai, Erode.

2. Attended 2nd International E-Conference on Information, Communication and Networking(eICICN - 2021) and presented a paper titled "Face Recognition Based Locker and Gesture Based Home Appliance Control System for Disabled People" on 09.04.2021 and 10.4.2021 at Easwari Engineering College,Chennai.

3. Attended First International Conference on Advances in Computational Science and Engineering (ICACSE 2020) and presented a paper titled "RASPBERRY PI BASED SECURED CLOUD DATA" held at Cloudin Technologies, Coimbatore, Tamil Nadu, India during 25-26, December 2020.

4. Attended First International Conference on Advances in Computational Science and Engineering (ICACSE 2020) and presented a paper titled "HYBRID ALGORITHM IN IDENTIFYING THE PLANT DISEASE AND TO SUGGEST MEDICAL ADVICE" held at Cloudin Technologies, Coimbatore, Tamil Nadu, India during 25-26, December 2020.

5. Attended International Conference on Computing, Communication and Control and presented a paper titled "Smart Watch - An Assistant for helping people with Respiratory problems" on 28th & 29th February 2020 at Sri Sairam Engineering College (SSEC), Sai Leo Nagar, West Tambaram, Chennai-600044

6. Attended International Conference on Computing, Communication and Control and presented a paper titled "Smart Scrutinizing System to Detect Trespassers and Alarm Ascendancy" on 28th & 29th February 2020 at Sri Sairam Engineering College (SSEC), Sai Leo Nagar, West Tambaram, Chennai-600044

7. Attended 2019 Third International conference on Computing and Communications Technologies (ICCCT'19) and presented a paper titled "Jaunt India with pre-planned Budget" in Sri Sai Ram Engineering College, Chennai during February 21st and 22nd 2019.

8. Attended international conference on "7th International Conference on Science and Innovative Engineering 2017" and presented a paper titled "Integration of Farmers and Industries using Android" in Jawahar Engineering College, Chennai during April 2nd 2017.

9. Attended international conference on "5th International Conference on Contemporary Engineering 2017" and presented a paper titled "A Digital Surveillance System for Air Pollution" in Madha Engineering College, Chennai during March 24th and 25th 2017.

10. Attended international conference on "Computing and Communications Technologies (ICCCT'17)" and presented a paper titled "Deep Packet Inspection Management Application in SDN" in Sri Sai Ram Engineering College, Chennai during February 23^{ird} and 24th 2017.

11. Attended tutorial session on "Internet of Things" in the International Conference on "Computing and Communications Technologies (ICCCT'17)" in Sri Sai Ram Engineering College, Chennai during February 23^{ird} and 24th 2017.

12. Attended tutorial session on "Advanced Computing Technologies" in the International Conference on "Computing and Communications Technologies" in Sri Sai Ram Engineering College, Chennai during February 26th and 27th 2015.

13. Attended tutorial session on "Cloud Computing and Semantic Web" in the International Conference on "Information, Systems and Semantic Web" in Sri Sai Ram Engineering College, Chennai during January 4th and 5th 2013.

National Conference

1. Attended 4th National Conference on Current & Emerging Process Technologies e-CONCEPT -2021", and presented a paper titled "Analysis of Hiring a Freelance Coder Website", organized by Department of Food Technology, Kongu Engineering College, Erode, Tamil Nadu, February 20,2021.

2. Worked as an Event coordinator in "2018 National Conference on Recent Trends in Computing and Technology (NCRTCT'18) held at Sri Sai Ram Engineering College on March 7, 2018.

National Journal

1. Published a paper on "Extending OVS With Deep Packet Inspection Functionalities" in Studies in Indian Place Names, ISSN: 2394-3114 Vol 40 issue 3 (s1) February 2020.

2. Published a paper on "Courier Service Management And Tracking Using Android Application" in Studies in Indian Place Names, ISSN: 2394-3114, Vol 40 issue 3 (s1), February 2020.

3. Published a paper on "AIR CHECK-For a Safe living Environment" in Journal of Emerging Technologies and Innovative Research, ISSN 2349-5162, April 2019.

4. Published a paper on "CROWD MONITORING SYSTEM" in Journal of Emerging Technologies and Innovative Research, ISSN 2349-5162, April 2019.

International Journal

1. Published a paper on "ECLASSROOM - An application for Sharing data and information between staff and student", in Artificial & Computational Intelligence, June 2020, ISSN:2582-516X

2. Published a paper on "Flora-Hub of Nurseries" in Test Engineering & Management, Issue Vol. 83: March/April 2020.

3. Published a paper on "Smart Watch - An Assistant for helping people with Respiratory problems" in Test Engineering & Management, Issue Vol. 83: March/April 2020.

4. Published a paper on "Smart Scrutinizing System to Detect Trespassers and Alarm Ascendancy" in Test Engineering & Management, Issue Vol. 83: March/April 2020.

5. Published a paper on "Jaunt India with Pre-Planned Budget " in IEEE Explore, 2019, ISBN 978-1-5386-9371-1.

6. Published a Paper on "Deep Packet Inspection Management Application in SDN" in IEEE Explore, 2017, ISBN 978-1-5090-6221-8.

7. Published a Paper on "MANET Routing Protocols Performance Evaluation in Mobility" in a book named Digital Communication by InTech Publishers in March 2012, ISBN 978-953-51-0215-1, page number: 67-78.

Seminar Given

1. Delivered a lecture in the short term course on "Javascript Programming" on "Introduction to Web Development" conducted by the Department of CSE on 3.10.2020.

2. As a Resource person for a Webinar session on "Exploring different tools to secure personal data" on 28.5.2020 at SNS College of Technology, Coimbatore.

3. As a Resource person delivered lecture on Travelling Salesman Problem in Design and Analysis of Algorithm on 9.2.2018 at Saveetha School of Engineering, Chennai.

4. Given Seminar on "Overview of Cryptography and Network Security" in Saratha College of Arts and Science, Gobichettipalayam on 18.03.17.

Program Organized

1. Acted as Coordinator for a seminar on "Health Care Awareness through Data Analytics" in association with Computer Society of India (CSI) on 12th March 2019.
2. Acted as Co-coordinator for 2019 Third International Conference on Computing and Communication Technologies (ICCCT'19) in the department of Information Technology, Sri Sai Ram Engineering College on 21st & 22nd February 2019.
3. Acted as co-coordinator for 2018 National Conference on Recent Trends in Computing and Technology (NCRTCT'18) in the department of Information Technology, Sri Sai Ram Engineering College on 7th march 2018.
4. Acted as Co-coordinator for 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) in the department of Information Technology, Sri Sai Ram Engineering College on 23rd & 24th February 2017.

Value Added Course

1. Oracle Trainer - Java Fundamentals and Programming from 2016 onwards.
2. TCS preILP Trainer – ILPXplore Orientation Program from 2018 onwards.
3. Done Certification on Agile foundation using Jile in October 2018.

Other Achievements

1. Certified ISO 9001:2015 Internal Auditor from June 2018.
2. Mentor for the team "Attunities" in Smart India Hackathon 2018.
3. Completed NPTEL Online certification exam for the course "Internet of things" with "ELITE certificate" during January-April 2018.
4. Completed NPTEL Online certification exam for the course "Introduction to Programming in C" with "ELITE certificate" during July-September 2017.
5. Acted as Question Paper setter Vels University during Nov 2017 End Semester Exams.
6. Active Blood Donor.
7. Certified ISO 9001:2008 Internal Auditor form October 2014.
8. Mentor for the team "CHAR_SH" in Smart India Hackathon 2017.
9. Class coordinator for the batch 2013-2017.
10. Department Library In charge from 2013 to May 2020.