


SRI SAI RAM ENGINEERING COLLEGE,CHENNAI-44

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

| | |
|---|--|
| Name & Photo : | <p>K.SUSITRA</p>  |
| Designation: | Assistant Professor |
| Qualification : | M.E |
| Area of specialization : | IMAGE PROCESSING |
| Experience : | Teaching: 7.02 YRS |
| | Industry : Nil |
| No. of workshop / Conferences / FDP attended | Workshop : Conferences : 3 FDP : 15 STTP :nil ISTE : nil |
| Publication : 6 | Journal : National : International : 5 |
| Conference : 3 | National : International : 3 |
| General : | <ul style="list-style-type: none"> ● Technical Member in the IEEE Conference Organized . ● Volunteer in events organized. ● IEEE Member ● Ranger leader for our department ● Attended 2 Jumboree event in Tamilnadu and Chatishgarh |

Professional Experience:

| Sl. No | College / Organization | Designation | Period | |
|--------|------------------------|-------------|--------|----|
| | | | From | To |
| | | | | |

| | | | | |
|----|--|---------------------|------------|------------|
| 1. | Sri Ganesh college of Engineering and Technology | Assistant Professor | 14.07.2017 | 24.07.2018 |
| 2. | Sri Sai Ram Engineering College | Assistant Professor | 20.01.2020 | Till Date |

Publications: National/ International Journals

1. K Susitra, K Vijayalakshmi, PN Jeipratha, Real-Time Transferring of Optimized Levels with Carbon and Nitrogen Gases” International Journal of Scientific Research & Engineering Trends Volume 3, Issue 2, Mar.-2017..
2. K Susitra, T Mahalakshmi ,E Madhumitha, Cerebrovascular Stroke Detection Using Machine Learning Algorithms ,1st International Conference on Computational Science and Technology.(ICCST), Nov 2022.
3. S Ganapathy, M Palanivendhan, P Balasubramanian, K Susitra ,” Process parameter of EDM to optimize material Removal Rate using Box Behnken’s design”,Materials Today: Proceedings,Elsevier, Nov 2022.
4. S Ganapathy, M Palanivendhan, K Susitra, P Balasubramanian,”Optimization of machining parameters in EDM using Taguchi based grey relational analysis”,Materials Today: Proceedings,Elsevier, Nov 2022,.
5. K.Susitra, Venkata Sai Krishna ,Dineshsakthi M,Sheik Mohamed S “Various Technologies on Object Detecton and Natural Language Processing for Visually Impaired People”,2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS),19 March 2024.
6. M.Iswarya, K. Susitra, A Harinarayanan, S Lakshmi Narayanan, A Elaiyavanan “Mental Health Tracker” , 2025 International Conference on Computing and Communication Technologies (ICCCT), 01 July 2025.

| FDP, WORKSHOP, SEMINARS,NPTEL | | |
|---|---|--------------------------|
| Name of the Program | Organized by | Date |
| FDP | | |
| Inculcating Universal Human Values in Technical Education | All India Council for Technical Education (AICTE) | 11.07.2022 to 15.07.2022 |
| Insight and open challenges in computing technologies | ISTE and CSI | 11.07.2022 to 15.07.2022 |

| | | |
|---|--|--------------------------|
| Research advancement in computing Technologies | Sri Krishna College of Engineering and Technology | 19.12.22 to 23.12.22 |
| Innovative and Exploratory Ideas in Data Science | Sri Sai Ram Engineering College with CTS association | 2.1.23 to 6.1.23 |
| Online UHV-II | All India Council for Technical Education (AICTE) | 13.2.23 to 18.2.23 |
| Microsoft Azure AI Engineer Associate | ICT ACADEMY - S.A Engineering College | 28.3.23 to 1.4.23 |
| One week National level Faculty Development program on Cloud Infrastructure | AICTE + Brain O Vision | 21.8.23 to 8.3.23 |
| Robotic Process Automation | ICT ACADEMY - Loyola Institute of Technology | 25.9.23 to 29.9.23 |
| FDP on OBE&NEP2020 | IQAC.PBR- VITS , VIT AP UNIVERSITY | 10.6.24 to 14.6.24 |
| Emerging trends in AI and Innovation and Applications | Sri Sai Ram Engineering College | 16.12.24 to 21.12.24 |
| 6 Days Faculty development program on offensive security | Sri Sai Ram Engineering College, CYBER HEALS | 30.06.25 to 05.07.25 |
| Faculty Development Program on GEN AI – RAG(Retrieval-Augmented Generation) | Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana. MVSr Engineering College (Autonomous), Nadergul, Hyderabad. in Collaboration with ExcelR Edtech Pvt. Ltd | 08.09.25 to 12.09.25. |
| 7 Days FDP on The Gen Z Effect : Innovation, Impact and the Future of Industry | Star International Foundation for Research and Education | 02.10.25 to 08-10.25. |
| Faculty Development Program on Cyber Security | ExcelR Edtech Pvt. Ltd. in collaboration with Saraswati College of Engineering, Kharghar & Jawaharlal Nehru New College of Engineering, Shivamogga | 13.10.25 to 17.10.25 |
| AICTE ATAL Academy Faculty Development Program on "Artificial Intelligence in Healthcare - Intelligent systems application for Modern Medical needs | AICTE, Sreenidhi Institute of Science and Technology | 05.01.2026 to 10.01.2026 |

| NPTEL COURSES/ FDP/AWARDS | | |
|--|--------------------------|--------------------------|
| Problem Solving Through Programming in C | 62 | Jul-Oct 2023 |
| Problem Solving Through Programming in C | FDP | Jul-Oct 2023 |
| Big Data Computing | 69 | Aug-Oct 2024 |
| Introduction to Database Systems | 56 | Jan-Apr 2025 |
| Introduction to Operating Systems | 56 | Jul-Sep 2025 |
| Ethical Hacking | 54 | Jul-Oct 2025 |
| NPTEL DISCIPLINE STAR | STAR AWARD | Jul-Dec 2025 |
| NPTEL STAR event | PARTICIPATION | Feb 2026 |
| OTHER EVENTS / COURSES | | |
| BASIC RANGER LEADER COURSE | BHARAT SCOUTS AND GUIDES | 26.07.2024 to 01.08.2024 |
| JUMBOREE - GLOBAL DEVELOPMENT VILLAGE | Govt. OF TAMILNADU | 28.01.25 TO 04.02.2025 |
| Social Emotional Education: Knowledge to Practice (SEEK) | UNESCO MGIEP | 06.11.2025 |
| NHQ staff at JUMBOREE | Govt of Chatishgarh | 09.01.2026 to 13.01.2026 |