

Sri Sai Ram Engineering College
Department of Electrical and Electronics Engineering

1. Name : Dr.C.JEEVA	
2. Designation:	Assistant Professor
3. Qualification :	M.Tech., Ph.D (NITP)
4. Area of Specialization :	Power electronics and drives. Renewable energy.
5. Experience :	Teaching : 11 years Industry : 3 years
6. No. of workshop : FDP attended :	Workshop – 5 FDP : 13
7. Publication :	Journal National : 2 International: 10 Conference National : 2 International : 11
8. General :	Co founder & Director - Armor Grandeur Private limited. (Defence product startup)
9. Staff Achievements:	iDEX winner (DISC 7-Indian Navy & DISC 10- Indian Army), Certificate of excellence Award, Best project award.

EXPERIENCE:

Name Of The Employer	Position Held	Period	
		From	To
Sri Sairam Engineering College	Assistant Professor	February 2020	Till Date
SRM University	Assistant Professor	December -2014	October-2019

Funded Projects:

1. Defence India Startup Challenge (Disc 7) SPRINT challenge – Defence Innovation Organization, Ministry of Defence, India. **“Autonomous operation of starting running shutting down of diesel alternator suitable for charging lithium ion batteries”**. Total product Development approved Cost is 90 lakhs.
2. Defence India Startup Challenge (Disc 10) challenge – Defence Innovation Organization, Ministry of Defence, India. Design & **Development of (i) Converter unit and Gyro Unit**. Total product Development approved Cost is 1.75 Crore.

Faculty Development Program / Workshop / Conference Attended

1. AICTE-ATAL, Faculty development programme on Power Electronics Applications to Renewable Energy Systems, Electric Vehicles and Intelligent Control , from 10-10-2022 to 21-10-2022 at Sri Sairam Institute of Technology.
2. Attended Faculty Development Program on “Research Methodology” by National Institute of Technology Patna.
3. Conducted Faculty Development program on “ Research challenges in electrical engineering and the solution with software” in Sri Sairam Engineering college, Dec 2021.
4. Conducted Faculty interaction program with Dr. Arun K Choudhary MNRE (Ministry of New and Renewable energy) Assistant Director and Scientist at Sri sairam engineering college.
5. Conducted webinar on “ session on problem solving and ideation workshop” by Mr . Sarvananan , Dy. Manager , TVS in Sri Sairam Engineering college , Dec 2020.

6. Completed FDP on “Simulation techniques for power electronics converters” conducted by AICTE ATAL at NIT Patna.
7. Completed FDP on “Energy engineering ” conducted by AICTE ATAL at NIT Delhi.
8. Completed FDP on Systems Engineering Conducted by AICTE ATAL by NIT Bhopal.
9. Completed one week short term course on E- governance conducted by NITTTTR, Chandigarh.
10. Completed FDP on “Universal Human Values” conducted by AICTE ATAL.
11. Completed FDP on “Robotics – Advances and applications ” conducted by Maharaja Agrasen Institute Of Technology (ATAL).
12. Completed Faculty Development program at Easun MR India Pvt ltd Thiruninravur , Chennai.
13. Participated in “RESEARCH SUMMIT PROGRAM” conducted by IITM.
14. Participated in “FRANCHISEE TRAINING PROGRAM” conducted by TNEB.
15. Completed NPTEL - FDP program on “ Fundamentals of Electric drives “.
16. Completed FDP on AutoCAD conducted by ICT academy .
17. Attended Faculty Development Program on “Renewable Energy Systems” at Sri Sairam engineering college. Chennai.
18. Completed FDP on “IoT INTERFACED SMART GRID TECHNOLOGY conducted by Gayatri Vidya Parishad College of Engineering, Autonomous (ATAL)
19. Completed one week Industrial training program at Kasa Anlagen india Pvt ltd Chennai.

Papers & Conferences Published:

- “NATURAL FIBER INCORPORATED POLYMER MATRIX COMPOSITES FOR ELECTRONIC CIRCUIT BOARD APPLICATIONS” on Advances in Materials science and Engineering., volume 2022. (SCI).
- Hybrid Emperor Penguin Salp Swarm Optimized Probabilistic Neural Network Controller for Maximum Power Tracking From HRES in SSRG International Journal of Electrical and Electronics Engineering. Volume: 12 Issue: 07, ISSN: 169-183 , July 2025.
- Salp Swarm Optimized Hybrid Elman Recurrent Neural Network (SSO-ERNN) based MPPT Controller for Solar PV in International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11 Issue: 8, August 2023
- “CONTROLLING THE VARIAC THROUGH ARDUINO WITH REMOTE ACCESS CONTROL USING THE STEPPER MOTOR” on International Journal of Engineering and Advanced Technology., Pg no:2754-2758, ISSN: 2249 – 8958. August 2019(SCOPUS).
- “AUTOMATIC BILL GENERATING ENERGY METER” on Journal of Electrical and power system engineering., Volume 8 Issue 1, ISSN: 2582-5712. April 2022
- Presented the paper titled “ Atmospheric air condensation for irrigation by the application of peltier effect” in international conference on challenges and applications in clean energy- 2020 conducted by NIT Kurukshetra.
- Presented the paper titled “Transformerless high step-up DC-DC converter with voltage multiplier concept” in ISTE conference on Applied science & Engineering – October 2021 organized by ISTE research & Hexaind Technologies.
- Optimal control of power system using UPFC” presented a paper in international conference on Recent Trends in Engineering & technology At SVSU, Delhi 2014.

- “TAPPING THE WAVE POWER OF SEAS AND OCEANS USING PIEZOELECTRIC CRYSTALS ON SALTER DUCK TO GENERATE ELECTRICAL POWER”. International journal of pure and applied mathematics .ISSN: 1314-3395 , pg no: 353-361, 2018.
- ” AGRICULTURAL AUTOMATION SYSTEM WITH FIELD ASSISTING ROBOT-AGROBOT”. International journal of pure and applied mathematics, ISSN: 1314-3395 , Pg.no: 345-351 ,18.
- “ ULTRASONIC AUTOMATIC BRAKING SYSTEM FOR FORWARD AND REVERSE COLLISION AVOIDANCE WITH DROWSINESS DETECTION OF THE DRIVER “ . International journal of pure and applied mathematics ISSN: 1314-3395. Pg.No: 363-374 , 2018.(SCOPUS).
- “ INDIAN RURAL ELECTRIFICATION-CHALLENGES AND SOLUTIONS TO SOME OF THE CONVENTIONAL PROBLEMS WITH RESPECT TO THE INDIA’S PERSPECTIVE“ .International journal of pure and applied mathematics ISSN: 1314-3395, Pg.No: 2839-2849, 2018.
- “EXISTENCE OF MULTIVERSE DUE TO INFINITE POSSIBILITIES” International Journal of Pure and Applied Mathematics ISSN: 1314-3395 Pg.no: 13211-13219 , 2018.
- “SCALAR WAVES AND WIRELESS ELECTRICITY TRANSMISSION” International Journal of Pure and Applied Mathematics. ISSN: 1314-3395 pg. no : 13195-13202, 2018.
- “BIO SOLAR CELLS MANAGEMENT SYSTEMS” International Journal of Creative Research Thoughts . Pg no: 461-471. April 2018.
- “VOICE BASED VEHICLE PARAMETER CONTROL” on International Journal of Advanced Research in Computer Science and Software Engineering., Pg no:687-693, ISSN: 2277 128X. May 2016.
- “MITIGATE VOLTAGE SAG AND POWER QUALITY ENHANCEMENT IN UTILITY DISTRIBUTION SYSTEM USING D-STATCOM” on Spreizen international journal on science and technology 16.
- “A MODIFIED BUCK CONVERTER WITH IMPROVED PERFORMANCE FOR THE MITIGATION OF POWER QUALITY ISSUES”. International Journal Of Engineering Research & Management Technology, pg no: 131-138, ISSN: 2348-4039. May 2014.

Patent Published:

- Published a patent in “ Gateway Clustering Energy – Efficient Centroid integrated protocol for wireless sensors to increase the productivity in the agriculture field “ On Aug 2021.
- Published a patent in “ Experimental Investigation on hybrid double slope solar still integrated with PV/T system“ On Jan 2022.
- Patent published on the title of “Bio Inspired optimization based maximum power point tracking system for hybrid renewable energy systems. Patent no – 202531088308 .
- Patent published on the title of “Adaptive multi-objective MPPT controller using HESS-Tuned neural networks for hybrid renewable energy systems . Patent No – 202531576504
- Method and system for optimized control of DC Servo motors using PID and Fuzzy PD Controllers March 2023.
- Patent published on the title of Intelligence platform for automated assistance to electric vehicles May 2023.
- Patent published on the title of “Implementation of RF Controlled Solar Panel Based Robotic Vehicle may 2023.

Certification/Training Courses Completed:

- Advanced Electrical Vehicle Design
- PLC & Drives.
- NITTR – Training on Engineering Teaching and Learning Methodologies.
- Entrepreneur Development Skill.

Awards:

- Certificate of excellence in 2018 from SRM institute of science and technology.
- Received Emerging Entrepreneur award at South Indian Defence Association.
- Received Best Project award at Sairam engineering college.

Memberships:

- Editorial board member of MASK International journal of science and technology.
- IEEE Member.
- IEEE Sight membership.