


Sri Sai Ram Engineering College
Department of Electrical and Electronics Engineering

1. Name : Mr. C . Jeeva	
2. Designation:	Assistant Professor
3. Qualification :	M.Tech., (Ph. D)
4. Area of Specialization :	Power Electronics & Drives
5. Experience :	Teaching : 8 years Industry : nil
6. No. of workshop : FDP attended :	No. of workshops attended : 2 No. of conferences attended :3 No. of FDP/STTP attended :11
7. Publication :	Journal National : - International : 11 Conference International :12
8. Research Guidance :	-
9. General :	Completed more than 235 online courses in various online platforms like coursera , NPTEL, Tata steel program.
10. Staff Achievements:	Winner of Disc 7 SPRINT Indian navy Challenge , Ministry of Defence . Director of Armor Grandeur Private Limited , Chennai. (A Defence Startup) Got “Certificate of Excellence award “ in SRM IST 2018 at NewDelhi.

EXPERIENCE:

Name of the Employer	Period	
	From	To
SRM Institute of science & technology , Delhi	2014	2019
Sri Sai Ram Engineering College, Chennai.	Feb 2020	Till date

AWARDS and ACCOLADES

1. . Got “Certificate of Excellence award “ in SRM IST 2018.

RESEARCH PUBLICATIONS:**International Journal**

- ✓ *“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.(SCOPUS).*
- ✓ *” AGRICULTURAL AUTOMATION SYSTEM WITH FIELD ASSISTING ROBOT- AGROBOT”. International journal of pure and applied mathematics, ISSN: 1314-3395 , Pg.no: 345-351 ,2018.(SCOPUS).*
- ✓ *“ 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.(SCOPUS)*
- ✓ *“EXISTENCE OF MULTIVERSE DUE TO INFINITE POSSIBILITIES” International Journal of Pure and Applied Mathematics ISSN: 1314-3395 Pg.no: 13211-13219 , 2018. (SCOPUS).*
- ✓ *“SCALAR WAVES AND WIRELESS ELECTRICITY TRANSMISSION” International Journal of Pure and Applied Mathematics. ISSN: 1314-3395 pg. no : 13195-13202, 2018.(SCOPUS)*

- ✓ *“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.*
- ✓ *“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.*
- ✓ *“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.*
- ✓ *“MITIGATE VOLTAGE SAG AND POWER QUALITY ENHANCEMENT IN UTILITY DISTRIBUTION SYSTEM USING D-STATCOM” on Spreizen international journal on science and technology March 2016.*
- ✓ *“BIO SOLAR CELLS MANAGEMENT SYSTEMS” International Journal of Creative Research Thoughts . Pg no: 461-471. April 2018.*

International Conferences

1. *“Optimal control of power system using UPFC” presented a paper in international conference on Recent Trends in Engineering & technology.2014.*
2. *“Atmospheric Air condensation for irrigation by the application of peltier effect “ presented in International conference on challenges and applications in clean Energy at National Institute of Technology, Kurukshetra . Dec 2020.*
3. *“Atmospheric Air Condensation for Irrigation by the application of Peltier effect using Solar energy” in International conference on Power, Energy, Control And Transmission Systems at sri Sairam engineering college.*
4. *“Smart Assistive Stick for Visually Impaired Person with Image Recognition” in International conference on Power, Energy, Control And Transmission Systems at sri Sairam engineering college.*
5. *“A REVIEW ON ELECTRIC VEHICLE ADAPTATION: CHALLENGES, STANDARDS AND POLICY OPTIONS” in International conference on Power, Energy, Control And Transmission Systems at sri Sairam engineering college.*
6. *“Arduino Based Wet Grinder System For Domestic Applications” in International conference on Power, Energy, Control And Transmission Systems at sri Sairam engineering college .*
7. *“Intelligent Image Text Reader using Easy OCR, NRCLex & NLTK “ in International conference on Power, Energy, Control And Transmission Systems at sri Sairam engineering college .*

8. *"Digital Holographic Based Food Supply Post Flood Assessment System" in International conference on Power, Energy, Control And Transmission Systems at Sri Sairam engineering college .*
9. *"Microcontroller Based Wet Grinder System For Domestic Applications" in International conference on Power, Energy, Control And Transmission Systems at Sri Sairam engineering college .*
10. *"Smart Earthquake Detector and Rescuing System for Differently Abled Person" in International conference on Power, Energy, Control And Transmission Systems at Sri Sairam engineering college .*
- 11- *"Design and Development of An Estimate Controller for a Fusion Tank System" in International Conference on Future Trends in Smart Communities (ICFTSC) Malaysia, 2022.*
12. *"Smart Assistive stick for visually impaired person with image recognition" in International conference on Power, Energy, Control And Transmission Systems at Sri Sairam engineering college*

Faculty Development Program attended/Training Program attended /Workshop Attended

- a. *Attended Faculty Development Program on "Research Methodology" at National Institute of Technology Patna.*
- b. *Completed NPTEL - FDP program on " Fundamentals of Electric drives ".*
- c. *Participated in "FRANCHISEE TRAINING PROGRAM" conducted by TANGEDCO.*
- d. *Participated in the workshop on "RENEWABLE ENERGY SOURCES" conducted by PSYEC.*
- e. *Attended a Faculty development program on " E governance" conducted by National institute of teachers training.*

- f. Attended a Faculty development program on “ transformer tap changer “ conducted by Easun MR Private Limited.*
- g. Attended Faculty development program on “AutoCAD design” conducted by ICT Academy.*
- h. Attended ‘Research summit program’ conducted by ICT academy at IIT madras Research park. Feb 2020*
- i. Attended a Faculty development program on “ Systems Engineering “ conducted by National Institute of technology , Bhopal.*
- j. Attended a Faculty development program on “Energy Engineering “ conducted by National institute of technology, Delhi.*
- k. Attended a faculty development program on “ Electric vehicle Drive System “ conducted by Jerusalem College of Engineering.*

Project Granted.

Winner of Indian Navy Disc 7 SPRINT challenge by ministry of defence . Total product Development approved budget amount is 90 lakhs .