


Sri Sai Ram Engineering College
Department of Electrical and Electronics Engineering

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| 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 .