

R.SARAVANAN

2/293-A1, Ponnagar, Mettur Dam, Salem Dt.

Mobile: 9025506128. Email : saranmr@gmail.com

CAREER OBJECTIVE

To accomplish my responsibilities to the best of my efficiency, prove my abilities towards perfection, acquire skills and education will be utilized towards continuous growth and achievement.

EDUCATIONAL PROFILE

| Qualification | Name of the Institution | Board / University | Marks % / Class | Year of Passing |
|-------------------------------------------------|-------------------------------------------------|------------------------------|-----------------------------------------------------|-----------------|
| M.E (Power Electronics and Drives) | Sona College of Technology, Salem. | Anna University, Chennai | CGPA 8.95 1 st Class with Distinction | 2012 |
| B.E (Electrical & Electronics Engineering) | Government College of Engineering, Salem. | Anna University, Chennai | 69.00 1 st Class | 2009 |
| Post Diploma in Computer Applications | Thiagarajar Polytechnic College, Salem. | Board of Technical Education | 84.50 1 st Class with Distinction | 2002 |
| Diploma in Electrical & Electronics Engineering | KSR Institute of Technology, Tiruchengode. | Board of Technical Education | 87.83 1 st Class with Honours | 2001 |
| HSC | Government Higher Secondary School, Mettur Dam. | State Board | 62.25 1 st Class | 1999 |
| SSLC | Government Higher Secondary School, Mettur Dam. | State Board | 69.40 1 st Class | 1997 |

WORK EXPERIENCE

| Sl. No | Name of the Post | Employer | Period of Employment | | | |
|--------|-----------------------|---------------------------------------------------------------|----------------------|---------------|-----|--------|
| | | | From | To | Yrs | Months |
| 1. | Assistant Professor | Dhirajlal Gandhi College of Technology, Salem. | June 2013 | Till date | 3 | 8 |
| 2. | Assistant Professor | CMS College of Engineering, Namakkal. | June 2012 | May 2013 | 1 | - |
| 3. | System Engineer | Sona College of Technology, Salem. | July 2009 | August 2010 | 1 | 1 |
| 4. | laboratory Technician | Sona College of Technology, Salem. | August 2004 | June 2009 | 5 | - |
| 5. | Apprentices | Tunnel Power House -Tamil Nadu Electricity Board, Mettur Dam. | December 2002 | December 2003 | 1 | - |

COMPUTER PROFICIENCY

- Certificate Course on Computer hardware and maintenance.
- Sufficient Knowledge on C,C++, MS Office.
- Specialized in computer lab maintenance.
- Operating System in Windows 9x/NT/2000/XP/Vista/7, Linux - RHEL4, RHEL5 & CENTOS

FUNDED/SPONSORED PROJECTS/ CONSULTANCY WORK

- I. Funding Agency : Indian Society for Technical Education
Funding Scheme : Workshop / Conference / Seminar
Program Title : PCB Designing and Manufacturing Techniques
Role : Coordinator
Budget : Rs. 40,000.00
Status : Received Rs 5,000.00
- II. Sponsored Agency : Indian Society for Technical Education
Sponsored Scheme : Workshop / Conference / Seminar
Program Title : ISTE Sponsored National Level Conference on Emerging Trends
in Renewable Energy (NCETRE 2016)
Role : Coordinator
- III. Sponsored Agency : Anna University, Chennai.
Sponsored Scheme : Faculty Development Training Programme (FDTP)
Program Title : FDTP on Power System Analysis
Role : Coordinator

WORKSHOP/SEMINAR/TRAINING PROGRAMME ATTENDED

- Attend Faculty Development Program on “Solid State Drives” from 14.12.16 to 20.12.16 at Knowledge Institute of Technology, Salem.
- Attend Faculty Development Program on “Control Systems” from 13.06.16 to 19.06.16 at M.Kumarasamy College of Engineering, Karur.
- Attend Faculty Development Program on “Flexible AC Transmission System” from 12.12.14 to 18.12.14 at The Kaveri Engineering College, Mecheri.
- Attend AICTE Sponsored CD-Cell Workshop on “Research Themes of High Voltage Technology” from 08.02.14 at IIT Madras.
- Attend National Seminar on “Intelligent key for Engineering Appliances using Embedded systems” organized by Knowledge Institute of technology on 25.10.13 to 26.10.13.

- Attended DRDO Sponsored National Seminar on “Recent and Research Issue Intelligent Optical Networks” organized by Dhirajlal Gandhi College of Technology on 18.10.13 to 19.10.2013.
- Attended Faculty Development Program on “Power System Operation and Control” from 06.06.13 to 12.06.13 at Paavai College of Engineering, Namakkal.
- Attend National Workshop on “Research Methodology For Engineering And Management” from 31.08.12 to 01.09.12 at Kongu Engineering College, Perundurai.
- Attend Faculty Development Program on “Electromagnetic Theory” from 01.06.12 to 08.06.12 at KSR College of Engineering, Tiruchengode.
- Attend National Conference on” Power Electronics in Sustainable Energy Development NCPSE” from 19.12.11 to 20.12.11 at Amrita Vishwa Vidyapeetham, Amrita University, Coimbatore.
- Attended ISTE Regional Conference on “Strategies for Enhancing Research in Technical Institutions” from 13.11.2009 to 14.11.2009 at Sona College of Technology Salem-5.
- Attended ISTE Workshop on “Effective Teaching/Learning of Computer Programming “conducted by IIT, Bombay from 28.06.2010 to 10.07.2010 at Sona College of Technology, Salem-5.

PUBLICATIONS

INTERNATIONAL JOURNAL

M. Priyadharshini, **R.Saravanan**, “Review of Renewable Energy Resources”, International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering (IJIREEICE), Volume 3, Issue 3, April 2016 ISSN (Online) 2321–2004, ISSN (Print) 2321–5526.

INTERNATIONAL CONFERENCES

R.Saravanan, S.Thamilselvan “DC-DC active clamped converter with three-phase high frequency boosting transformer for renewable energy applications”, International Conference on Futuristic Automation & Control Engineering (FACE 2012), Dhanalakshmi Srinivasan College of Engineering, Coimbatore, 14th December 2012.

R.Saravanan, A.Rajendran, K.S.Jayakumar “A New Technique of Harmonic Elimination In Switched Reluctance Motor By Using Fuzzy Logic Controller Based Converter”, International Conference on Computing Techniques, Embedded System and Drives (ICCED 2012), PPG Institute of Technology, Coimbatore, 7-9 March, 2012.

NATIONAL CONFERENCES

M. Priyadharshini, **R.Saravanan**, “Review of Renewable Energy Resources”, National Level Conference on Emerging Trends in Renewable Energy (NCETRE 2016), Dhirajlal Gandhi College of Technology Salem, 4th April 2016.

S.R.Viknesh, **R.Saravanan** "A New technique of Harmonic elimination of switched reluctance motor by fuzzy logic controller based converter" (**Best Paper Awarded**), National Level Conference on Soft Computing Technique Power Electronics and Power Systems (NCSAP 2016), Kuppam Engineering College, Kuppam, 26th March 2016.

R.Saravanan, A.Rajendran "Harmonics elimination for three level converter Switched Reluctance Motor", National Level Conference on Innovations in Engineering & Technology (IET2012), Gnanamani College of Technology, Namakkal, 3rd February 2012.

Dhanush Prabhakaran, **R.Saravanan** "Real time implementation of unmanned rotorcraft in disaster management for rescue operation in natural calamity", National Level Conference on Intelligent controller in Electrical & Electronics Systems (NCICEES 2013), AVS Engineering College, Salem 10th April 2013.

MEMBERSHIP OF PROFESSIONAL BODIES

- Life Member (No. 108713) in Indian Society for Technical Education- **ISTE**, INDIA.
- Life Member (No. 164412) in International Association of Engineers- **IAENG**, London, U.K.

PERSONAL SKILLS

- Ability to learn new technologies.
- Ability to deal with people diplomatically.
- Comprehensive problem solving abilities.

SUBJECTS HANDLED

- Circuit Theory.
- Control Systems and Engineering.
- Electrical Drives and Control.
- Electrical Engineering and Instrumentation.
- Basic Electrical and Electronics Engineering.
- Electric Energy Generation, Utilization and Conservation.
- Electronic Devices and Circuits.
- Measurements and Instrumentation.

PERSONAL DETAILS

Name : R.Saravanan
Father's Name : M.Ramasamy
Date of Birth : 07-04-1982
Gender : Male
Marital Status : Married
Nationality, Religion : Indian, Hindu
Languages Known : Tamil & English
Permanent Address : R.Saravanan S/O M.Ramasamy,
2/293 A1-Ponnagar,
Mettur Dam-636401,
Salem Dt.

DECLARATION

I declare that all the statement given above are true and correct to best of my knowledge and belief.

Place : Mettur Dam

Date : 08.02.16



R.SARAVANAN