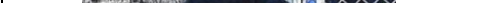


Sri Sai Ram Engin
Department of Electrical and Electronics Engineering

1.NAME: L.KURINJIMALAR	
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No. of FDP attended : 20

178:01121 attended	120

National	: 3
International	: 6

Nil

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EXPERIENCE:

Name of the Employer	Position Held	Period	
		From	To
SRI SAIRAM ENGINEERING COLLEGE	Assistant Professor	2010	Till Date
THIRUMALAI COLLEGE OF ENGINEERING	Lecturer	2006	2007

ACADEMIC ACHIEVEMENTS:

- ❖ Achieved 100% result in Special Electrical Machines in the academic year 2011.
- ❖ Achieved 100% result in Solid State Drives in the academic year 2012.
- ❖ Achieved 100% result in Electrical Engineering in the academic year 2013.
- ❖ Achieved 100% result in Analysis of Electrical Machines in the academic year 2016.

WORKSHOP:

1. Attended one day workshop on “POWER ELECTRONICS AND DRIVES” conducted by VI MICROSYSTEMS.
2. Attended pre-conference tutorial on “POWER SYSTEMS, POWER ELECTRONICS AND DRIVES” at S.S.N COLLEGE OF ENGINEERING.
3. Attended DRDO Sponsored “NATIONAL WORKSHOP ON ADVANCES IN DESIGN AND CONTROL OF PERFORMANCE ENHANCEMENT IN PERMANENT MAGNET MOTOR” at PONDICHERRY ENGINEERING COLLEGE.
4. Attended “NATIONAL WORKSHOP ON MODELING AND CONTROL OF WIND ENERGY CONVERSION SYSTEMS” at RMK ENGINEERING COLLEGE.
5. Attended “NATIONAL SEMINAR ON EXPLORING RESEARCH AREAS IN HARNESSING WIND ENERGY” at VELLORE INSTITUTE OF TECHNOLOGY.
6. Attended ONE DAY NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME ON "APPLICATIONS OF FACTS IN POWER ELECTRONICS & POWER SYSTEM" at SRI SAIRAM ENGINEERING COLLEGE.
7. Attended ONE DAY FACULTY DEVELOPMENT PROGRAMME ON “POWER FLOW SOLUTIONS AND DEMO ON CYME POWER ENGINEERING SOFTWARE” at SRI SAIRAM ENGINEERING COLLEGE.
8. Attended “Workshop on CONTROL OF POWER CONVERTERS WITH FPGA USING MATLAB XILINX INTERFACE” at S.S.N COLLEGE OF ENGINEERING.

9. Attended “National Workshop on ELECTROMAGNETIC DESIGN AND ANALYSIS OF ELECTRICAL MACHINES” at S.S.N COLLEGE OF ENGINEERING.
10. Attended Faculty Development program on “MATLAB APPLICATIONS IN ELECTRICAL ENGINEERING” at Sri Sai Ram Engineering College, Chennai.
11. Attended Short-Term Training Program on “MATLAB SIMULATION OF POWER ELECTRONIC CIRCUITS” at Sri Sai Ram Engineering College, Chennai.
12. Attended Faculty Development program on “DIGITAL SIMULATION OF POWER ELECTRONIC CIRCUITS THROUGH P-SPICE SOFTWARE” at Sri Sai Ram Engineering College, Chennai.
13. Attended Faculty Development program on “PROGRAM ON ELECTRICAL SIMULATION SOFTWARE” at Sri Sai Ram Engineering College, Chennai.
14. Attended Faculty Development Training Program on “Power System Transients” at Loyola-ICAM college of Engineering and Technology, from 16.11.2018 to 29.11.2018.
15. Attended Faculty Development Training Program on “Modeling Simulation Control and applications of Power Electronic Converters” Conducted by QISCET on 25.11.2019-29.11.2019.
16. Attended AICTE Sponsored Two week’s Faculty Development programme on “Advanced Power Electronic Applications On Power Systems” held from 19th to 31st October 2020 at Sasi Institute of Technology and Engineering , Tadepalligudem
17. Attended and Completed AICTE Sponsored ATAL Faculty Development programme on “Energy Engineering” held from 17th to 21st October 2020 at Velammal Engineering College.
18. Attended Online Workshop on Electromagnetic and Thermal Simulation of PMSM (IPM) Motor on May &, 2020 by Altair(ANZ ASEAN India)

PUBLICATIONS:

1. **Speed control of permanent magnet brushless dc motor using digital signal processor National Conference On Emerging Technologies In Electrical Engineering (Nceee-10) By Valliammai Engineering College.**

2. **Design Of Fuzzy Based Pi Control For Speed Control of Brushless DC Motor, National Conference On Emerging Technologies In Energy Systems And Control - 2010 By Federal Institute Of Science And Technology.**
3. **Indirect vector control of Induction motor using Fuzzy logic controller, National conference On Technological Advancements In Power Systems And Power Electronics Engineering, Tapspee-2012 , Easwari Engineering College, April 2012**
4. **Isolated Bidirectional Half Bridge Dc-Dc Converter With A Flyback Snubber And Two Passive Capacitor-Diode Snubber, International Journal For Trends In Engineering & Technology Volume 6 Issue 1 – ISSN: 2349 – 9303, Sri Sairam Engineering College, June 2015.**
5. **Performance Analysis of Spoke type BLDC motor considering Rotor Geometric Modifications, International Conference on computation of power, Energy Information and communication, Adhiparasakthi Engineering College, April 2016.**
6. **Design Analysis of Spoke Type BLDC Motor for Spinning Mill Application, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Vol 4, Issue 3, ISSN (Online) 2394-2320, March 2017.**
7. **A Solar PV Water Pumping System using a ZETA Converter and Buck Boost Converter in BLDC Motor, International Conference on Science and Innovative Engineering .ISBN 978-81-904760-9-6, April 2017.**
8. **Power quality research on three-phase PFC rectifier (Minnesota rectifier) International Journal of Engineering and Advanced Technology ISSN : 2249 – 8958 Volume-8, Issue-6. DOI:10.35940/ijeat.F9350.088619 ,August 2019.**
9. **Internet of things on 230kv/400 Kv switchyard operation by scada method International Journal of Engineering and Advanced Technology ISSN : 2249 – 8958 Volume-8, Issue-6. DOI:10.35940/ijeat.F9350.088619,August 2019.**

Industrial Training

Industry Internship on “**Design and Development of Dual Regulated Smart DC Power Supply**” from 25.01.2021 to 6.02.2021 conducted by Anand Techno creations.

Entrepreneur Development program

Attended, **4 Weeks Women Entrepreneurship Development Program (WEDP)** sponsored by Department of Science and Technology (DST) conducted by **IITM HTIC MedTech Incubator** virtually from 01-03-2021 to 27-03-2021.

Massive Open Online Courses

1. Participated in online course on **“Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling”** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **21-09-2020 to 25-09-2020**.
2. Completed online Course **“Structuring Your article Correctly”** on **0.103.2021** conducted by Elsevier Researcher Academy.

Chapter Contribution

“Importance of Face Mask and its role in the Covid-19 Pandemic” Chapter has been published in book entitled New Approaches in Commerce, Economics, Engineering, Humanities, Arts, Social Science and Management: Challenges Opportunities , by Global Multidisciplinary Research and Academic Foundation” E-ISBN:978-93- 87865- 44-0.