

**Mr.Dhanaselvam. J**

Designation : Assistant Professor

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Teaching Experience : 10 Years

Qualification : PhD (Pursuing), M Tech (Control &amp; Instrumentation), BE (EEE)

Special Areas of Interest : Renewable Energy Management, Intelligent Controllers.

<b>Continuing Education Programmes</b>	
<b>PROGRAMME</b>	<b>HELD AT</b>
Webinar on Renewable grid Integration Studies using MATLAB and Simscape Electrical	Webinar by Mathworks
FDP on Real time simulation monitoring and controlling of electric drives	PSG College of Technology, Coimbatore
National Safety week Rally	Besten Pumps, Coimbatore.
STTP on “Medical Electronics”	Dept. of ICE, SKCT, Coimbatore
FDP on Robotics process automation,	Cognizant Technologies Services, Coimbatore
FDP on Linear & Digital Integrated Circuits	Dept. of EEE, Sri Krishna College of Technology, Coimbatore
FDP on Intelligent Controllers	Sri Krishna College of Technology, Coimbatore
7 days FDTP on logic & distributed control systems	Sri Ramakrishna Engineering College , Coimbatore.
3 days workshop on Internet of Things	Sri Krishna College of Engineering & Technology, Coimbatore
1 day Industrial training	FCRI, Palakad, Kerala
2 days workshop on swarm robotics	Indian Institute of Technology, Mumbai
Seminar on “ Industrial Automation”	Sri Krishna College of Engineering & Technology, Coimbatore
One day workshop on “ Data Modeling and visualization tool Tableau”	Sri Krishna College of Technology, Coimbatore
Orientation training programme	Sri Krishna College of Engineering & Technology, Coimbatore
Faculty Development Programme on, “National Level Youth Entrepreneurship Development Programme”	Info Institute of Engineering, Coimbatore.
workshop on “Embedded Based System Design”	Kathir College of Engineering, Coimbatore
Staff Development programme on “Recent trends in Bio-Medical Instrumentation”	Tamilnadu College of Engineering, Coimbatore
2days National level Seminar on “Recent Trend in Monitoring and Control of Power System Disturbances”,	Park College of Engineering and Technology.

<b>Course materials / Monographs prepared</b>
Circuit Theory
Electro Magnetic Theory
Measurement and Instrumentation
Control Systems
Electronic Devices and Circuits
Medical Instrumentation
Principles of Management
Linear Integrated Circuits
Electrical Machines
Digital Control Systems

<b>Paper Publications (Conferences)</b>	
<b>TITLE</b>	<b>CONFERENCE</b>
ANN Based Battery Management System for Electrical Vehicles	International conference on Smart City, January 2019 at IIT Madras.
An Integrated Energy Storage Control model for Wind-Grid Connected Systems	105th International Conference, Dubai, UAE, November 2018.
Weld Strength Analysis of Ultrasonic Polymer Welding using Adaptive Neuro-Fuzzy Inference System	1st International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2018).
Classification of Lung Nodules with Feature Extraction using CT Scan Images	IEEE International National Conference, ICPCI-2017, Saveetha Engineering College, Chennai.
Controlling of Torque and Flux in 3 phase Induction Machine Drive System (IMDS) using Fuzzy Controller (Theory and Introductory Concepts)	IEEE International National Conference, ICPCI-2017, Saveetha Engineering College, Chennai.
An investigation of stability analysis of electrical drives based control applications:(Non-linearity consideration)	International Conference iCIRET 2017, 30, 31 March 2017 at Park College of Engineering and Technology
Implementation of micro-controller based Automated Water Level Sensing & Controlling using GSM technique	National conference On advances in Computing Technologies (NCACT'17), 23 & 24 Feb 2017 at Hindustan Institute of Technology.
An efficient electromechanical coupling of parallel hybrid system using SCADA	National Conference, 28th April 2013 at Excel College of Engineering, Salem.

An efficient electromechanical coupling of parallel hybrid system using SCADA	National Conference, 15th March 2013 at Easa College of Engineering, Coimbatore.
Literature review on design and vibration control strategy of electromechanical coupling of hybrid system using SCADA	International Conference , on 2,3&4 <sup>th</sup> January 2013 at Park College of Engineering & Technology ,Coimbatore
Embedded Based Intelligent Voting Machine	International Conference, 3&4 <sup>th</sup> September at Kathir College of Engineering, Coimbatore
Digital Analog Neuro-Fuzzy Inference control System for Enhanced Learning Applications	National Conference, on 14 <sup>th</sup> September 2012 at Tamil Nadu College of Engineering, Coimbatore.
Overview of Electrical losses in Power System	National level Conference, on 4&5 September 2009.at Park College of Engineering and Technology.

<b>Paper Publications (Journals)</b>	
<b>TITLE</b>	<b>Journal</b>
An efficient electromechanical coupling of parallel hybrid system using SCADA	International Journal of Scientific & Engineering Research, Volume 4, Issue 5, May-2013,ISSN 2229-5518
SCADA based an efficient electromechanical coupling of parallel hybrid system.	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622.
A theoretical approach of non-linear analysis for an electric-drive system using state space technique	North Asian International Research Journal of Science, Engineering & I.T, ISSN:2454-7514, volume 2, issue 10, Oct 2016.
Literature Review on Non-linear Analysis of an Electric Drive System using State Space Technique	International Journal of Electronics Engineering Research. ISSN 0975-6450 Volume 9, Number 4 (2017) pp. 455-465 © Research India Publications.
Design Concepts of DFIG based wind turbine control system using Neuro-fuzzy controller for industrial Applications	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; ISSN (E): 2249-8001, Vol. 8, Issue 2, Apr 2018, 167-172.

<b>Online Course completed</b>	
<b>Name of the course</b>	<b>Name of the MOOC/University</b>
Fundamental of management	Coursera authorized by University of California in 2017.
Effective Engineering Teaching in Practice	NPTEL in March 2018.
Ethics in Engineering Practice	NPTEL in November 2018
Wind Energy	Coursera authorized by Technical University of Denmark in January 2019.