

FACULTY PROFILE

Personal Details:

Name P. MANIKANDAN
Department ELECTRICAL AND ELECTRONICS ENGINEERING
Designation ASSOCIATE PROFESSOR
Area of Interest POWER SYSTEMS

Education:

Degree	Specialization	Year	College	University
U.G	EEE	2006	Kamaraj College Of Engg And Tech	Anna University, Chennai
P.G	Power Systems	2009	College Of Engg,Guindy	Anna University Chennai
Ph.D	Power Systems	Pursuing	Anna University, Chennai	Anna University Chennai

Work Experience:

Sl.No	Name of the Institution / Industry	Position held	Period		Total Experience
			From	To	
1.	Odaiyappa College of Engineering and Technology	Lecturer	03-10-2006	03-08-2007	10 Months
2	PSN College of Engineering and Technology	Assistant Professor	03.06.2009	Till Date	10 Year 4 Months

Key Publication:**Journal Publication:**

1. Published a paper “IMPLEMENTATION OF MULTI LEVEL INVERTER USING PULSE WIDTH MODULATION TECHNIQUE” on international journal of science engineering & technology research volume 2, issue 7, July 2013.
2. Published a paper “DESIGN AND IMPLEMENTATION OF SOLAR ENERGY WITH GRID INTERFACING” on international journal of science engineering & technology research volume 2, issue 7, July 2013.
3. Published a paper “SMART FAULT LOCATION FOR SMART GRIDS” on international journal of Software and hardware research in Engineering volume 2, issue 3, March 2014.
4. Published a paper “IMPLEMENTATION OF HYBRID SYSTEM (SOLAR+WIND) - CASE STUDY” on international journal of science engineering & technology research volume 3, issue 4, April 2014.
5. Published a paper “MODELLING OF CUSTOM DEVICES FOR REDUCING VOLTAGE SAG PROBLEMS” on international journal of science engineering & technology research volume 2, issue 7, July 2014.
6. Published a paper “WIRELESS POWER TRANSMISSION USING INDUCTIVE COUPLING” on international journal of emerging technology in computer science and electronics volume 8, issue 1, April 2014
7. Published a paper “LOW COST HIGH PERFORMANCE UPQC FOR CURRENT AND VOLTAGE HARMONICS COMPENSATIONS” on international journal of science engineering & technology research volume 2, issue 7, July 2015.
8. Published a paper “LOSS BASED BENEFIT MAXIMIZATION OF DISTRIBUTED SYSTEM INCORPORATING DISTRIBUTED GENERATION SYSTEMS” on international journal of applied engineering research volume 9, No.24(2014).

Conference Publication:

1. Presented a paper "SECURITY CONSTRAINED OPTIMUM GENERATION SCHEDULING IN DEREGULATED MARKET," on national Conference on soft skills applications for solid state drives conducted in Rajalakshmi Engg. College, Chennai on April 2009.
2. Presented a paper "MODELLING OF CUSTOM DEVICES FOR REDUCING VOLTAGE SAG PROBLEMS," on national Conference on methods enriching power and energy developments conducted in Jeppiar Engg. College, Chennai on March 2014
3. Presented a paper "MITIGATION OF VOLTAGE SAG AND SWELL BY USING D-STATCOM," on national Conference conducted in Kongunadu Engg. College, Trichy on March 2014.
4. Presented a paper "WIRELESS POWER TRANSMISSION USING INDUCTIVE COUPLING," on International Conference on International Conference on trends in technology and engineering conducted in Arjun College of Technology, Coimbatore on April 2014
5. Presented a paper "THREE SWITCH QUASI Z-SOURCE SERIES RESONANT INVERTER," on International Conference on control instrumentation communication and computational technologies conducted in Noorul islam University, Kumaracole during 10th-11th July 2014
6. Presented a paper "LOSS BASED BENEFIT MAXIMIZATION OF DISTRIBUTED SYSTEM INCORPORATING DISTRIBUTED GENERATION SYSTEMS," International Conference on emerging electrical systems and control conducted in Sethu Institute of Technology, Kariapatti during 4th-5th December 2014.
7. Presented a paper "LOW COST HIGH PERFORMANCE UPQC FOR CURRENT AND VOLTAGE HARMONICS COMPENSATIONS," on International Conference on technical advancements in engineering and technology in Chennai on April 2015.
8. Presented a paper "OPTIMAL PLACEMENT OF TCSC AND UPFC DEVICES FOR IMPROVE THE LOADABILITY ENHANCEMENT IN DEREGULATED POWER SYSTEM," on International Conference on EMERGING TRENDS in engineering and technology in Madurai on April 2015.
9. Presented a paper "PLANNING OF DISTRIBUTION SYSTEM BY INCORPORATING OPTIMAL ALLOCATION OF CAPACITOR USING WHALE OPTIMIZATION ALGORITHM ," on international conference on advanced computing and communication systems 2017 in coimbatore on 6& 7 january 2017.

Seminar Attended:

1. Attended the one day seminar on “INNOVATIONS IN MODERN POWER CONVERTERS” organized Department of EEE at Periyar Maniammai University, on 28 dec 2009.
2. Attended a Seminar on “RECENT RESEARCH METHODOLOGIES IN ELECTRICAL ENGINEERING” Organized by the Department of EEE, PSR Engineering College, Sivakasi on 8th and 9th June.
3. Attended a Seminar on “SMART GRID AND ITS TECHNOLOGIES” Organized by the Department of EEE, Kamaraj College of Engineering and Technology , Virudhunagar on 14th and 15th November 2014.
4. Attended the one day workshop on “SCILAB” organized by the Department of Information Technology, at Sree Sowdambika College of Engineering, Aruppukottai, on 18 July 2009.
5. Attended the one day workshop on “HANDS ON TRAINING IN MATLAB” organized Department of EEE, at Sree Sowdambika College of Engineering, Aruppukottai, on 20 July 2013.

Professional Membership:

1. Life member in ISTE.
2. Associate member in institution of engineers.
3. Life member in institution of electronics telecommunication engineers.