**Dr.T.MAGESH**

## Professor/EEE

**R.M.K Engineering College R.S.M.Nagar, KavaraiPettai– 601 206. Tamilnadu**

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# Educational Qualification

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| --- | --- | --- | --- |
| **Sl.No. Name of the****course** | **Name of the Institute/ university** | **Academic year** | **Class/CGPA** |
| **1. B.E.** | **R.M.K Engineering College/Madras** **University****CollCollege** | **1999** | **I class** |
| **2. M.E.** | **Thigarajar College of Engineering/Madurai Kamarajar University** | **2002** | **7.4** |
| **3. Ph.D** | **College of Engineering, Guindy, Chennai/Anna University** | **2016** | **-** |

**Academic Experience**

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| --- | --- | --- | --- | --- |
| **Sl.No. Designation** | **Institution** | **Department** | **Period of service** | **Total service** |
| **1. Professor** | **RMK Engineering College** | **Electrical & Electronics Engineering** |  **2016 to Till Date** | **2.3yearmonth** |
| **2. Associate** **Professor** | **RMK Engineering** | **Electrical &** |  **2011 to** | **5.1yearss years** |
|  **Professor**  | **College** | **Electronics** | **2016** |  |
|  |  | **Engineering** |  |  |
|  |  |  |  |
| **3. Senior Lecturer** | **RMK Engineering Electrical & College Electronics** **Engineering** | **2008 to 2011** | **2.11 years** |

|  |  |  |  |  |
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| **4. Lecturer** | RMK Engineering College | **Electrical & Electronics Engineering** | **2006 - 2008** | **2.4years** |
| 5. Lecturer | Madha Engineering College  | **Electrical &** | **1999 - 2006** | **6.7 years** |
|  | College Kundrathur | **Electronics** |  |  |
|  |  | **Engineering** |  |  |
|  |  |  |  |
|  | **Total Years of Experience** |  | **18.7Years** |

**Publications- Journal**

1.T.Magesh, Dr.C. Chellamuthu ,” Simulation and Study of Power Quality Issues in a Fixed Speed Wind Farm Substation” The Scientific World journal, Volume 2015, Article ID 367540 , 2015.

2. T Magesh, Geetha Ramadas, C Chellamuthu and M. Parameswari “Measurement and Analysis of Power Quality Issues in Wind Farms-A Real case study” International Journal of Applied Engineering Research - Volume 10,issue 14,2015.

3. T Magesh, M.Gomathi, Dr. C Chellamuthu ‘Tie line control on two area system with wind farm’ International Journal of Applied Engineering Research -Volume 8,Issue 8,2015.

#### 4. **M.Kalaivani1** **T.Magesh2** Design of Optimal Pi Controller for Permanent Magnet Synchronous Generator Driven By Variable Speed Wind Turbine Using Genetic Algorithm- International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering

5. M.Pazhamalai ,P.R.Jeevarathinam P.Naveen kumar ,Dr.T. Magesh “Multi-purpose mirror using single board Computers” International Journal of Engineering and Techniques , Volume 4 Issue 2, Mar – Apr 2018

6.Dr.N.M Jothi Swaroopan , Dr.T. Magesh, A.Vinith, N.Yuvaraj, 5 C.Naveen “mplementation of Single Phase Cascaded Multilevel Inverter with Multi-Carrier PWM Technique Connected to Grid” International Journal of Engineering and Techniques , Volume 4 Issue 6, Mar-Apr 2018

# Publications- Conference

1.T.Magesh Tuning of pi controller for variable Speed wind turbine using genetic Algorithm optimization National conference on innovative techniques in power engineering and drives -2016

2.T.Magesh, S.Mohanasundaran -Analysis of power quality issues in a grid connected fixed speed wind energy conversion system,

ICPAR-2014

**Workshop/conference/FDP Attended**

1. Work Shop on “Power quality improvement in wind energy conversion system” at Sri Krishna Engineering college Coimbatore.

2. Workshop on **“High Impact Teaching Skills - Mission 10X”** conducted by Wipro Technologies, Chennai, during 27th to 31st December 2009.

3. Workshop on “**Researchers Meet 2009**” conducted by IET,UK Young Professional

4. Attended AICTE sponsored seminar on Application of renewable energy resources toward smart grid at VEC Chennai-66

5. International seminar on Power Sector sustainability in emerging renewable energy era conducted by National power training institute.

**Academic Projects**

* + 1. Coordinator- Completed a Project on study of power quality issues in grid connected wind farm , sanction by MNRE-Rs 150000during year 2010-2014
		2. Improving the efficiency of solar cell – project sanction by IEDC cell in RMK Engineering College for Rs10000 during the year 2014.1 KW Wind Power Plant

# Special Lectures Delivered

1. Advisory Committee for International conference on **Energy efficient technology for sustainability**, at T.J S Enginnering College -2015
2. Guest lecturer on classification of transmission lines –seven day FDP sponsored by Anna University

# Additional Responsibilities

* **Project coordinator** for B.E innovative projects
* Symposium coordinator
* Conference coordinator
* NBA coordinator
* **Vice Chairman/ Chief examiner** for Anna University Examinations
* **Flying squad** for Anna University Examinations
* **Coordinator** for NBA Accreditation

# Subjects Handled

* Power System Dynamics
* Power System Control and Operation
* Flexible AC Transmission Systems
* Power System Analysis
* Solid State Devices
* Power Electronics
* Transmission and Distribution
* Electrical machines 1 & 11
* Power System Protection & Switch Gear
* Electronic Devices

# Professional Society

Indian Society for Technical Education

Institution of Engineering and Technology -

# Personal Data

Date of birth : 14-03-1978

Age : 39

Martial status : Married

Nationality : Indian

Languages Known : Tamil, English and Malayalam