

CURRICULUM VITAE**Ramesh .L**

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Current Work Profile

Working as an **Assistant Professor** with **Dr. MGR Educational & Research Institute** (Dr. MGR University), Chennai from July 2000 to till date.

Work Experience

Worked as a **Lecturer** with Sun College of Engineering, Nagercoil from June 1999 to June 2000

Role & Responsibilities

- Chairman, **The Institution of Engineering and Technology-UK Younger Member Section, Chennai Network.**
- **Deputy HOD** Administration From 2006
- Convener, EETA (Electrical & Electronics Technical Association from) 2001 to till date.
- Faculty Advisor, **IET (UK)-Dr.M.G.R University Student Chapter.**
- Guided 2 M.Tech Thesis and 20 under Graduate Projects.

Educational Qualification

Pursuing Doctor of philosophy (Ph.D) titled
Electrical Power Distribution System Optimal Meter Placement and Loss
Minimization.,Electrical Engineering Department. Jadavpur University, Kolkata

Under guidance of
Dr.S.P.Chowdhury, Dr. Sunetra Chowdhury, Jadavpur University.
Dr.A.A.Natarajan, Director,M.V.J College of Engg ,Bangalore

Master of Business Administration (MBA) in
Operation Research ,Indira Gandhi National Open University –Delhi.
Period of study – 2000 to 2008

Master of Technology (M.Tech) in
Electrical Power Systems with First class,College of Engineering
Kerala University,ThiruvananthaPuram.
Period of study - 1997 to 1999

Thesis

Determination of weak bus ordering vector in multi machine power system from
voltage stability viewpoint, College of Engineering, Thiruvananthapuram.

Bachelor of Engineering (B.E) in
Electrical & Electronics Engineering with First Class,
N.I.College of Engineering, (M. S. University)
Period of study - 1993 to 1997

B.E Project

PC based Remote Monitoring System for acquisition and display of AC voltage,
current and frequency of generators and UPS systems using Turbo C.
SHAR Centre, ISRO, Shriharikotta, Andhra.

Certificate Course

- ❑ Short-term course on C & C++ programming Languages, February 1997 to April 1997, Noorul Islam College of Engg. Kumaracoil.
- ❑ Course on “Electrical Wiring and Winding” from June 1996 to September 1996, Government Polytechnic, Nagercoil.

Paper Accepted and Published

International Journal

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury ,“ Minimization of Power Loss in Distribution Networks by Different Techniques ” World Academy of Science ,Engineering and Technology -2009 , International Journal of Electrical Power and Energy Systems Engineering ,Vol 2 ,2009,Page 1-6.

L.Ramesh,Ravindran, Dr.S.P.Chowdhury, Dr.S.Chowdhury , "Application of CYMDIST in distribution network planning and loss minimization" Acta Press 2009,International Journal of Power and Energy Systems ,accepted and publication on the queue.

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury,Dr.P.A.Crossley. Natarajan, "Electrical Power System State Estimation meter placement Survey report", International Journal on Electrical Power and Components Systems, Vol : 36 ,No : 10,PP 1115-1129,Taylor and Francis, USA

International Conferences

L.Ramesh, AlokKumar Mishra, "Real Time Application of ANN in Wind Power Predication" Accepted for 2009 SUPERGEN Conference April 6 and 7, Nanjing China

L.Ramesh, S.P.Chowdhury, S.Chowdhury, A.A.Natarajan "Performance analysis of boiler manufacturing plant distribution system" International South African University Power Engineering Conference, SAUPEC Jan 28 ,2009

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan ,“ Planning Optimal Intelligent Metering for Distribution System Monitoring and Control ” IEEE INDICON 2008 ,DEC 12-15 ,IIT Kanpur,India

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan ,“Distribution Feeder Restructuring for Better Voltage Regulation and Line Loss Reduction ” IEEE POWERCON 2008 ,OCT 12-15 ,NewDelhi,India

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan ,” Distribution System Optimum Meter Placement –A Comparative Qualitative and Genetic Approach ” IEEE POWERCON 2008 ,OCT 12-15 ,NewDelhi,India

L.Ramesh, S.P.Chowdhury, S.Chowdhury, Y.H.Song, A.A.Natarajan ,“Voltage Stability Analysis and Real Power Loss Reduction in Distributed Distribution System ” IEEE PES TD 2008, April 21-24, Chicago,USA

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan, Dr. Y.H. Song, “Power System Optimal Meter Placement a Comparative Numeric & Genetic Approach ”, IET Conference ICTES 2007, Dec 20-22,Chennai,India

P.Sreenivasa Reddy ,L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr. Y.H. Song, “Power System PMU Placement a Comparative Survey Report ”, IET Conference ICTES 2007, Dec 20-22,Chennai,

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan, Dr. Y.H. Song, “*Intelligent Approach for Distribution system load estimation*”, IEEE PES 2007 General Meeting, June 24-28, Tampa, Florida, U.S.A.

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan, Dr. Y.H. Song, “*Distributed State Estimation Technique for Active Distribution Networks*”, UPEC 2007, Sep 24-28, London, UK

S.Ravindiran L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan, Dr. Y.H. Song, “*Distribution System Loss Minimization and Planning using Cymdist* ”, UPEC 2007, Sep 24-28, London, UK

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan, “*Power System State Estimation meter placement Survey report*”, International Conference RACE-2007, Bikaner Engineering College, Rajasthan.

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, Dr.A.A. Natarajan, “*Neural Power System static state estimator based on Back Propagation technique*”, International Conference NPSC-2006, IIT Roorkee, 27-29 December 2006

L.Ramesh, Dr.S.P.Chowdhury, Dr.S.Chowdhury, A.K.Saha, Y.H.Song, “*Efficiency optimization of Induction motor using a fuzzy logic based optimum flux search controller*”, IEEE Conference, PEDES-2006, IIT Delhi.

National Conferences

L.Ramesh, AlokKumar Mishra ,” Road Traffic Safety using Wireless Magnetic Sensors” IET National Safety Conference , 23-24 Sep 2008 ,SiCUREZZA 2008.

L.Ramesh, S.Balamurugan “Retina Based Mouse Control” International IET India Symposium ISACT, 25, 26 September 2008 ,St Xavier Engg. College.

L.Ramesh, AlokKumar Mishra, "Survey on Application of ANN in Wind Power Generation " National Conference RAEE 2008 ,NIT Himanchal ,Dec 26-27 2008.

L.Ramesh and P. Ragavendar," *Efficiency Optimization of Induction Motor using Fuzzy Logic*", March-2006, NACPAD, College of Engineering, Tirunelveli.

L.Ramesh and Mr. S. Velmanikandan, "*Energy Efficient lighting*", National Conference on Energy conservation, July 2004 at PSG College of technology.

Article Publication

Published Article titled "Energy Efficient Lighting" in IETYMS Chennai News Letter THE GRID, dated July 2008, Volume 1, Issue 1, and Page 4

Appreciation Award

Received Appreciation Award from the Chairman IET-UK Chennai Network for a Grand Success of **IET-UK International Conference, ICTES 2007** as Organizing Secretary

Received Appreciation Award from the Chancellor, Dr.M.G.R University for a Grand Success of **IET-UK International Conference, ICTES 2007** as Organizing Secretary

International Award

Received **SIR HENRY ROYCE AWARD 2008** from IET_UK for demonstrating exceptional commitment to the profession, 3rd November 2008, Savoy Place London,UK.I am the first Indian to received this prestigious award.
(The award includes a cash prize of 250 pounds, a medal and an inscribed certificate. Sir Henry Royce Medal is awarded to Young Engineering or IT professional who have shown excellence in the previous year in their work. This award was set up by Sir Henry Royce Memorial Foundation and The Institution of Engineering and Technology -UK in 1990.)

Appreciated by The Hindu, dated Feb 15, 2009 for **SIR HENRY ROYCE AWARD 2008** in the name of **Honor for Academician**.

Achievements

Participated and presented activity report in **IET-UK April Week End Conference-2008** representing Chennai Network, April 24-25, 2008, Savoy Place,London,UK.

Attended **IET Younger Member Section Conference** representing India Network, Nov 8-10 2007, Amsterdam, Netherlands.

Attended **IET Younger Member Section Conference** representing India Network, Nov 8-10 2006, Glasgow, UK.

Received Finance Grand of **Rs. 10, 50,000** from **IET-UK** for conducting International IET India Conference ICTES 2007.

Successfully guided **SPIRCE ("Passive Infra Red Based Automatic Control for a Closed Environment")** project for the final year students 2008, which was highly rewarded and recognized by the The Hindu, dated 08/12/2008).

Successfully guided **SEVE ("Solarized Secured Electric Vechile")** project for the final year students 2007, which was highly rewarded and recognized by the Media of Tamil Nadu (A Weekly Magazine Kumutham dated 20/06/2007).

Successfully guided **ATO ("Automatic Train Operation")** project for the final year students 2006, which was highly rewarded and recognized by the Media of Tamil Nadu (A Weekly Magazine Dhinathandi Ilaynarmalar dated 20/05/2006).

Successfully guided **"RMAPA ("Remote Monitoring and Automatic Parking of Aircraft"** project for the final year students 2005, which was highly rewarded and recognized by the Media of Tamil Nadu (A Weekly Magazine dated Dhinathandi Ilaynarmalar 21/05/2005).

Successfully guided **"RCRV (Remote Control Recognizing Vehicle)"** project for the final year students 2004, which was highly rewarded and recognized by the Media of Tamil Nadu (A Weekly Magazine Dhinathandi Ilaynarmalar (10/04/2004) and leading Television Network Sun TV).

Subjects Handled

Under Graduate

- Electrical Machines I & II
- Transmission & Distribution
- Power System Protection & Switch Gear
- Power System Operation & Control
- Power System Economics
- High Voltage Engineering
- Electrical Machine Design
- Electronic Circuits
- Solid State Relays
- Basic Electrical Engineering

Post Graduate

- Generalized Machine Theory

Training Course Attended

- ❑ Attended Life Skill Development workshop, Sep 2008, Hotel Chennai Deluxe,, Organized by IET YMS Chennai Network.
- ❑ Attended workshop on “Research Methodology” July 2008, Hotel Chennai Delux, and Organized by IET YMS Chennai Network.
- ❑ Attended one day seminar on Real Time ETAP software package in Power System, Hotel Accord ,June 2008.
- ❑ Attended workshop on “Artificial Intelligence” Feb 2007, SKR Engineering College, and Chennai.
- ❑ Attended Short Term Course on “Performance Testing of Small Hydro Plants –Its Need and Methodology” June 12-15, 2006, Jadavpur University, Kolkotta.
- ❑ Attended workshop on “Energy Conservation and Management” Feb 2006, Sree sastha Institute of Engineering and Technology, Chennai.
- ❑ Attended three week UGC Sponcer Refresher course on “Soft Computing in Power Systems” on Nov 28 to Dec 17th, 2005, SRM Deemed University, and Chennai.
- ❑ Attended two weeks AICTE Training Programme on “Emerging Trends in Power System Operation and Control” on July 01 to 12, 2004, Annamalai University, and Chidambaram.
- ❑ Attended Workshop on “Genetic Algorithm for Power System Optimization Problem”, May 2004, AKCE Krishanankoil, Srivilliputhoor.
- ❑ Attended workshop on “FACTS”, Feb 2004, Jerusalem College Of Engineering, and Chennai.
- ❑ Participated in “Student Entrepreneur Business Plan Competition 2003”, December 2003, Center for Entrepreneurship development, Anna University, Chennai.
- ❑ Attended workshop on “Evaluation of Students Performance”, November 2003 at “Technical Teacher’s Training Institute”, Chennai.

- ❑ Participated in short-term training program on “Networking and Video Conferencing”, AICTE – ISTE, 15th May to 21st May 2003,”Noorul Islam College of Engineering”, Kumara coil.
- ❑ Participated Seminar on “Energy Conservation – From Concept to Commissioning”, March 2003,”DR MGR Educational and Research Institute”, ISTE Chapters, Chennai.
- ❑ Participated in AICTE, Seminar on “Modeling and Simulation of Electrical Systems”, March 2003,”Sri Venkateswara College of Engineering”, Sriperumputhooor.

Additional Responsibilities

- ❑ Chief Editor for IET YMS Chennai Technical News Letter “THE GRID” released quarterly and circulated to all engineering institutions in south India.
- ❑ Convenor, IETMGR Innovative Project Competition ,Novidade 2009,” April 17,18 , 2009, Organised by IETMGR Student Chapter and IETYMS Chennai.
- ❑ Convenor, IETMGR Workshop on Right To Information Act 2009,” March 6, 2009, Organised by IETMGR Student Chapter and IETYMS Chennai.
- ❑ Convenor, IET National Conference on Safety and Security ,SiCUREZZA 2008,” September 23,24, 2008, Organised by IETMGR Student Chapter and IETYMS Chennai.
- ❑ Convenor, IET Workshop ,DEPENAGE 2008,Two Day Workshop on “Trouble shooting in Electrical Appliances” September 9,10 2008, Organised by IETMGR Student Chapter and MSME Guindy.
- ❑ Convenor, IET Two Day Workshop on “Introduction to Matlab for Engineers” March 7, 8 2008, Organised by IETMGR Student Chapter, Dr.M.G.R University.
- ❑ Organizing Committee, **IET YMSC “National Conference on Network Image and Security”**, NIS 2008, Mar 15-16, Organized by IETYMS Chennai Network and NI College of Engineering.
- ❑ Organizing Secretary, **IET India “International Conference on Information and Communication Technology in Electrical Sciences”**, ICTES 2007, Dec 20-22, Organized by IET-UK Chennai Network and Dr.MGR University.
- ❑ **Co-Coordinator, NAAC Accreditation, 2007,, Dr. MGR University.**
- ❑ Convenor, Newsletter, “The Grid”, Released by IET and EETA, September 2006.

- ❑ Placement Coordinator ,Dr. MGR University , 2006-2007
- ❑ Faculty Advisor ,ISTE Dr. MGR University Chapter ,2003-2007
- ❑ Organizer of “Workshop on Soft Computing “conducted by Dr M.G.R.University, Dec 2006.
- ❑ Organizer of “Workshop on Energy Efficiency “conducted by M.G.R. Deemed University, March 2005.
- ❑ Organizer of “ PRANAM “, Conducted by Dr.M.G.R Educational and Research Institute for cancer patient, at Nehru Indoor Stadium, on Oct 10,2005
- ❑ Convenor, E [lect] rudite 04, National Level Technical Symposium, March 2004, EETA, Dr . MGR Educational & Research Institute.
- ❑ Convenor, Newsletter, “The Grid”, Released by EETA, September 2003.
- ❑ Coordinator, One-week short term course on Web Designing. July 1st Week 2003, ISTE Student Chapter, Dr. MGR Educational & Research Institute.
- ❑ Convenor for “workshop on Personality Development” program, conducted by March 2003, ISTE Student Chapter, Dr. MGR Educational & Research Institute.
- ❑ Organizer, Cenozoic 03, February 2003,”Intra College Cultural Fest”, Dr. MGR Educational & Research Institute.
- ❑ **Co-Coordinator, Deemed University Inspection, 2003,, Dr. MGR Engineering College**
- ❑ **Co-Coordinator, NBA Accreditation, 2003,, Dr. MGR Engineering College.**
- ❑ Convener, Magazine, MIN (DEW) 2K2, Released by EETA, March 2002.
- ❑ Convenor, “Electrudite 01”, August 2001, National Level Technical Symposium, Dr. MGR Educational & Research Institute.
- ❑ Organizer, Le-Talectia-01, Intra College Cultural Festival, February 2001, Dr. MGR Educational & Research Institute.

Personal Info

Sex	Male
DOB	Jan. 1st, 1977
Marital Status	Married
Permanent Address	24/53 B, Kesavan Puthoor, Puthenthurai post, Kanyakumari District, 629 501, Tel. 04652-250083.
Passport No	F3316238

Membership in professional Society

Indian Society for Technical Education	: LM42556
Institution Of Engineering and Technology -UK	: 097910733
Institute of Electrical and Electronics Engineers	: 90385269
Institution of Engineering (India)	: 094244/0

References

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