

Dr. Vinod Pottakulath

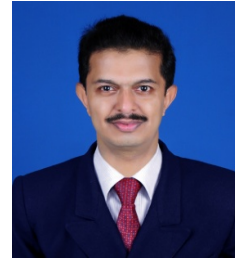
Vinod Nivas, Vellur (P.O)

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**RESUME**

Career Aspiration: To serve the society that brought me up with utmost dedication through teaching and research

Current Position : Associate Professor in Electrical and Electronics Engineering Department and Principal in Charge at College of Engineering, Trikaripur, Kerala, India

Academic Qualifications:

Sl No.	Degree	Institue/University	Year	% of Marks/ CGPA
1	PhD (Full Time-Regular) (Electrical Engineering)	National Institute of Technology Calicut	2014	10 (for Course Work)
2	M Tech (Full-Time)	National Institute of Technology Calicut	2008	8.7 (Distinction)
3	B Tech (Full-Time)	Govt. College of Engg, Kannur, Calicut University	1997	75.17 (Honours)
4	BSc (Mathematics) (Full-Time)	Payyanur College, Payyanur, Calicut University	1993	93

PhD Thesis : *Reduced Order Model for Investigations of Torsional Interactions in Large Power Systems.*

Publications

- **International Journals: 4**

i. Vinod Pottakulath, Elizabeth P. Cheriyan, R. Sreerama Kumar, "Determination of Reduced Order Model for Torsional Interaction Investigations using Selective Modal Analysis, Part I : Initial Approach ", *International Journal of Electric Power and Energy Systems (Elsevier)*, Vol 44, Issue 1, pp. 482-487, 2013

ii. Vinod Pottakulath, Elizabeth P. Cheriyan, R. Sreerama Kumar, "Determination of Reduced Order Model for Torsional Interaction Investigations using Selective Modal Analysis, Part II : Application to Practical Power Systems", *International Journal of Electric Power and Energy Systems (Elsevier)*, Vol. 44, Issue 1, pp. 454-460, 2013

iii. Vidya.S, Vinod Pottakulath and Labeeb.M, " Load Frequency Control of a Two Area Power System with Electric Vehicle and PI Controller", *International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)*, Vol.5, Issue.5, pp. 255-260, Apr. 2016

iv. Megha Muralidharan, P.T.Jabir and Vinod Pottakulath, " Voice Recognition Based Intelligent Wheelchair", *International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)*, Vol.5, Issue.5, pp. 255-260, Apr. 2016

- **International Conferences : 3**

1. Vinod Pottakulath, Elizabeth P. Cheriyan, R. Sreerama Kumar, "Synthesis of Power System Model for SSR Analysis", *IEEE International Technical Conference (TENCON 2010)*, Fukuoka, Japan, Nov. 2010

2. Vishnu Prasad and Vinod Pottakulath, "Lyapunov based Tracking Control for Wheeled Mobile Robots", *International Conference on Advances in Engineering Technology and Sciences (ICAETS)*, Munnar, Kerala, India, Apr. 2014.

3. Vishnu Prasad and Vinod Pottakulath, " Development of Backstepping Sliding Mode Control for Wheeled Mobile Robot", *IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT)*, Ramanathapuram, Tamilnadu, India, May 2014.

- **National Conferences: 5**

- i. Vinod Pottakulath, Ashok.S, "Multiobjective Approach in Maintenance Scheduling of Generators", AECT-2008, Manipal Institute of Technology (MIT), Manipal, Karnataka, 18 - 19 Apr. 2008.
- ii. Sinjna.V.S, Namiitha.N, Mohammed Ramshad and Vinod Pottakulath, “ Development of Line Follower Robot in Object Recognition Using Colour Sensing”, *National Conference SPINCOM 2013*, MES College of Engineering, Kuttippuram, Kerala, 29-30 Nov. 2013.
- iii. Mohammed Ramshad, Nabeel.K and Vinod Pottakulath, “Design and Development of Robotic Arm in Industrial Applications ”, *National Conference on Recent Advancement in Engineering and Technology (NCORETECH-2014)*, LBS College of Engineering, Kasaragod, Kerala, 25-26 Feb. 2014.
- iv Sinjna.V.S, Namiitha.N, Vinisha.P.V and Vinod Pottakulath, “Object Recognition in Industrial Applications using Digital Image Processing”, *National Conference on Recent Advancement in Engineering and Technology (NCORETECH-2014)*, LBS College of Engineering, Kasaragod, Kerala, 25-26 Feb. 2014.
- v. Vishnu Prasad S.S and Vinod Pottakulath, “Development of Tracking Control for Wheeled Mobile Robot”, *National Conference on Recent Advancement in Engineering and Technology (NCORETECH-2014)*, LBS College of Engineering, Kasaragod, Kerala, 25-26 Feb. 2014.

Professional Experience: 20 Years

Sl No.	Institution/ Organisation	Designation	From	To
1	College of Engineering, Trikaripur	Associate Professor Principal in Charge	01-01-2016 11-05-2016	Till date Till date
2	MES College of Engg., Kuttippuram	Professor	01-11-2014	31-12-2015
3	MES College of Engg., Kuttippuram	Associate Professor	08-04-2013	31-10-2014
4	MES College of Engg., Kuttippuram	Lecturer/Asst. Professor	04-03-2003	07-04-2013
5	Govt. College of Engg., Kannur	Lecturer	08-10-2001	03-03-2003
6	Kerala State Electricity Board	Assistant Engineer (Operator)	05-07-1998	17-07-2001
7	Energy Conservation Society, Kerala	Electrical Engineer	01-01-1998	31-05-1998

Number of short term courses/workshop attended : 21

(Details attached in Separate sheet)

Number of short term courses co-ordinated : 1

Area of interest : Power system stability, Energy studies & SSR

Professional Activities

Reviewers in Journals

1. International Journal of Electrical Power and Energy Systems (**Elsevier**).
2. Mechatronics (**Elsevier**).
3. International Journal of Electrical Power Components and Systems (**Taylor&Francis**).
4. Institution Electronics and Telecommunication Engineers (**IETE**) Journal

Resource Person

1. Resource person for the training programme, Early Career Faculty Development Programme (ECFDP), for young faculty members of Engineering Colleges organized by IEEE Kerala section at MES College of Engineering, Kuttippuram during 9-13 June 2014.
2. Resource person for the Faculty Development Programme, Power System- Applications of Simulation Softwares, organized by Dept. of EEE, Govt. College of Engineering, Kannur.
3. Resource person for the Faculty Development Programme, Power Electronics for Grid Connected Renewable Energy Systems organized by Dept. of EEE, College of Engineering, Thalassery from 29-01-2016 to 04-02-2016.
4. Conference chair for the National Conference **NMEEIE'16** organized by Dept. of EEE, College of Engineering, Vadakara during 14-15 October 2016.
5. Conference chair for the Inter International Conference on Signal, Power, Communication, Security and Computing Applications (**ICSPCSCA-2016**) organized by Dept. of EIE, College of Engineering, Vadakara during 18-20 October 2016.

Professional body Member ship

1. Senior Member Institution of Electrical and Electronics Engineers (**IEEE**),
2. Member **IEEE POWER AND ENERGY SOCIETY**
3. Life Member (**ISTE**)

Honours and Appreciations Received

1. Best Faculty appreciation at MES College of Engineering, Kuttippuram for the excellent performance in the Academic year 2014-'15.
2. Honored by Alumini Association, MES College of Engineering for 10 Years of Continuous service in the College on 15th August 2013.
3. Appreciated on the basis of hard work and support as the Organization Team for the National Conference on Electrical Systems and Control Technologies (ECST 2007) at National Institute of Technology, Calicut during 3-5 May 2007.
4. Received the best paper appreciation for the Energy Session of the National Conference, AECT-2008, Manipal Institute of Technology (MIT), Manipal, Karnataka, 18 - 19 Apr. 2008.

Administrative/Academic Leadership Activities

1. The Vice Chair Student Activity Committee (VSAC) of IEEE Kerala Section in charge of IEEE Malabar Hub in the Academic Years 2014-2015 and 2015-2016.
2. Member Executive Committee, IEEE Malabar Subsection 2016 onwards
3. Subject expert in the Doctoral Committee for three PhD students under KTU in the Dept. of EEE at Govt. College of Engineering, Kannur
4. Approved Research Supervisor of APJ Abdul Kalam Technological University.
5. Camp Director, University of Calicut Centralized Valuation Camp at M E S College of Engineering, Kuttippuram in the year 2014-'15.
6. Assistant Chief Superintendent of University Examinations for University of Calicut in MES College of Engineering, Kuttippuram from April 2004 to March 2005.
7. Staff Co-ordinator for the *three – day Faculty Development Programme* organized by MES College of Engineering, Kuttippuram during 20-22 March 2006.
8. Co-ordinated the National Students Conference, FREQUENZ '05, organised by Association of Electrical & Electronics Engg. at MES College of Engineering, Kuttippuram during 30-31 March 2005.
9. Co-ordinated the National Students Conference, FREQUENZ '06, organised by Association of Electrical & Electronics Engg. at MES College of Engineering, Kuttippuram during 29th March 2006.
10. Overall Co-ordinator (General) for BTech First year (S₁S₂) in the Academic Year 2014-2015 at MES College of Engineering, Kuttippuram.

11. M Tech Seminar and Project Co-ordination 2014-2015.

12. Co-ordinator for the National Level Conference (SPINCOM - 2013) at MES College of Engineering, Kuttippuram.

Training and Visits

1. Undergone 3 day training programme at NTPC, Kayamkulam during 10th – 12th September 2003
2. One day visit at LDC, Kalamasserry as a part of the Industry-Institute interaction.
3. One day visit at 110 kV substation Edappal and 400kV substation Madakkathara, Thrissur as a part of the Industry-Institute interaction.

Personal Informations:

Date of Birth & Age : 29/03/1973, 44 Years.

Nationality : Indian.

Place of Birth : Vellur P.O, Payyanur Via, Kannur Dist., Kerala – 670307.

Marital Status : Married.

Height : 179 CM.

Weight : 62Kg.

Phone (Res.) : 04985 266755

Mob : 9447336424
