

P.VENKATA MAHESH

Assistant Professor,
EEE Department,
RVR & JC College of Engineering, Chowdavaram,
Guntur, Andhra Pradesh-522019.

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Extension number: 409

Teaching Experience: 7.5 years

Educational qualifications:



Program	Institution	Year
Ph. D. (Pursuing)	Annamalai University, Chidambaram, Tamilnadu.	Joined on DEC-2018
M.Tech (<i>Instrumentation and Control Systems</i>)	NIT Calicut, Kerala.	2014
B.Tech (<i>Electrical and Electronics Engineering</i>)	Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal, Kurnool, AP. (Affiliated to JNTUA)	2011

Achievements: GATE –All India 1487 rank in 2012.

– 4 Times GATE Qualified.

Research Interests: Machine Learning, Embedded Systems, Solar Systems and Control Systems.

Memberships in Professional Societies: Member of IAENG, IRED.

ORCID: 0000-0002-7639-7601 (<https://orcid.org/0000-0002-7639-7601>)

Scopus ID: 57189247300 (<https://www.scopus.com/authid/detail.uri?authorId=57189247300>)

Google Scholar ID: PP6UjAgAAAAJ (<https://scholar.google.com/citations?user=PP6UjAgAAAAJ&hl=en>)

Research Gate: <https://www.researchgate.net/profile/Venkata-Mahesh>

Publons: <https://publons.com/researcher/4125631/p-venkata-mahesh/>

Vidwan ID: 187848 (<https://vidwan.inflibnet.ac.in/profile/187848>)

Patent Applications Published:

- A Patent application published by Govt. of India on the title "**BIDIRECTIONAL DC-DC POWER CONVERTER CIRCUIT TO REDUCE CURRENT RIPPLES**", Patent Application No: 202041052197 A, Date of Filing: 01/12/2020, Publication Date: 11/12/2020.
- A Patent application published by Govt. of India on the title "**METHOD FOR ASSESSING OPERATING STATUS OF ELECTRICAL MOTORS USING MACHINE TRAINING (ML) MODELS**", Patent Application No: 202141056413 A, Date of Filing: 06/12/2021, Publication Date: 10/12/2021.
- A Patent application published by Govt. of India on the title "**INTEGRATING ELECTRICAL APPLIANCES WITH EMBEDDED INTERNET OF THINGS (IOT)**"

HUB FOR AUTOMATIC UPGRADATION", Patent Application No: 202241004671 A,
Date of Filing: 28/01/2022, Publication Date: 04/02/2022.

Research work / Research papers published:

Journals:

1. P. Venkata Mahesh, Shyma Muhammed, Abraham T. Mathew, T. K. Sunil Kumar, “**Model Approximation and Controller Synthesis for H_∞ Robust Control of Multiple Time Delay Transfer Functions**”, *International Review of Automatic Control (I.R.E.A.CO.)*, Vol. 9, N. 1, ISSN 1974-6059. (SCOPUS)
2. P. Venkata Mahesh. S. Muhammed. Dr. SunilKuar T.K., “**A New Approach for Approximate Modeling and Controller Design of SISO Multiple Time Delay System**”, *IJRITCC*, vol. 2, no. 5, pp. 1230 - 1234, May 2014.

Workshops /Seminars / Courses Participated:

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**recent trends in renewable energy**" from 20/09/2021 to 24/09/2021 at University Institute of Technolgy, rajiv gandhi technical university.
- One week National level Intercollegiate Online Faculty Development Program on “**Outcome Based Education & Bloom’s Taxonomy**” organised by the Internal Quality Assurance Cell of Ramakrishna Mission Vivekananda Centenary College (Autonomous), Kolkata in association with ipsr solutions limited 08 November 2021 to 15 November 2021.
- Participated in Five day Faculty Development Program on “**Recent Trends and Developments in Electrical Power Engineering**” organised by Chadalawada Ramanamma Engineering College, Tirupathi from 21st -25th June 2021.
- Participated in Webinar on “**DFIG Based Wind Emulator using WAVECT**” by WAVECT on 2nd June 2021.
- Participated in Webinar on “**FPGA Controller for Electrical Engineering**” by WAVECT on 19th May 2021.
- Participated in Three days online Faculty Development Program on “**Written Communication for Digital Teaching, Administration & Research**” organised by Dr.Babasaheb Ambedkar Technological University, Lonere Maharashtra from 22nd -24th March 2021.
- Participated in webinar on “**Online Tools for Researchers**” organised by Department of EEE, Albertain Institute of Science and Technology, Kalamassery, Kochi, Kerala on 7th July 2020.
- Participated in Two-Days webinar (SNU-WEBTECH SERIES-I) on “**Machine and Deep Learning with MATLAB**” organized by Sister Nivedita University, Kolkata, West Bengal during 3rd - 4th July, 2020.
- Participated in “**One Day Workshop on Arduino**”, at IIT Bombay Remote center, R.V.R. & J. C. College of Engineering, Chowdavaram, Guntur on 8 Feb 2020.
- Participated in workshop on “**Problem Identification, Research Methodology & Academic Writing**”, organized by Kallam Haranadhareddy Institute of Technology during 28-29 Jan, 2019.

- Participated in workshop on “**Advanced Process Control & Instrumentation System**”, conducted by NITTTR, Kolkata, organized by RVRJCCE remote centre, during 7 - 11 Jan, 2019.
- Participated FDP 201X on “**Pedagogy for online & Blended Teaching Learning Process**”, organized by IIT, Bombay at (Remote Centre) RVR & JCCE during 30 Oct - 7 Jan, 2019. (online course)
- Participated in FDP101X on “**Foundation Program in ICT for Education**”, organized by IIT, Bombay at (Remote Centre) RVR & JCCE during 13 Sep - 27 Oct, 2018.(online course)
- Participated in FDP conducted by Math Works Training Services “**Generating HDL Code from Simulink**” on 28 Feb 2018at KL University
- Participated in FDP conducted by Math Works Training Services “**Embedded Coder for Production Code Generation**” during 26 – 27, Feb 2018 at KL University.
- Participated in short term course on “**Artificial Neural Network & Fuzzy Logic through ICT**”, from 24-28, April 2017 at RVR & JC College of Engineering.
- Participated in Workshop on “**Free and Open Source Software in Teaching and Learning**” during 4 - 5, March 2017at NIT Warangal.
- Participated in TEQIP II Sponsored workshop on “**Operation and Control of Wind -driven Generators**” during15 - 16, April 2016 at NIT Trichy, Tamilnadu.
- Participated in One day seminar on “**Deregulated power systems**” organised by V.R.Siddhartha Engineering College on 27 Feb, 2016.

ACADEMIC/ADMINISTRATIVE DUTIES:

- Member of NSS committee UNIT – III (Boys)