

ASWATHI.C.R

M-Tech in Instrumentation and Control Systems (Hi Infinity Controller for Robust Load Frequency Control and Power System Stabilizer Design)

CONTACT

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Language Skills: English, Hindi, Malayalam

PERSONEL SKILL

- Problem Solving and decision making.
- Communication
- Leadership.
- Critical Thinking.
- Willingness to Learn
- Initiative
- Dependability
- Confidence.
- Team Player.
- The ability to work effectively in terms but also independently, and to take responsibility.
- Time Management.
- Professionalism.
- Work Ethic.
- Computer Literacy
- Technical Drawing.

AREA OF INTEREST:-

- Control Systems.
- Power Systems.
- Renewable Energy integration and Power system
- Electric drives and control, E-Vehicle
- Research interest in Instrumentation and Control System, Solar Energy, Aviation Engineering and Space industry etc.
- Human resource management.
- Guidance and Counselling.
- Academic Industry
- Administration.

WORK EXPERIENCE:

COLLEGE OF ENGINEERING (Under CAPE, Kerala Govt., Vadakara, Kerala)

ASSISTANT PROFESSOR-Full time (2021 Present till date)

COLLEGE OF ENGINEERING (Under CAPE, Kerala Govt., Thalassery, Kerala)

ASSISTANT PROFESSOR-Full time (August 2016 -2021)

COLLEGE OF ENGINEERING (Under CAPE, Kerala Govt., Vadakara, Kerala)

ASSISTANT PROFESSOR-Full time (July 2010-August 2016)

K.S.E.B (Kerala State Electric Board, Kerala)

ASSISTANT ENGINEER-Full time (March 2010-June 2010)

CIPCO TEXTILE PARK (Mannankavu, Kerala)

TECHNICIAN-full time (May 2009-July 2009)

ADDITIONAL POSITION HELD:

- **Head of the department** -Department of Electrical and Electronics Engineering, College of Engineering, Vadakara, Kerala
- **Convener** - Counselling and Grievance Redressal Committee, College of Engineering, Vadakara, Kerala.
- **Coordinator**-Criterion 4,SAR preparation for NBA(National Board Of Accreditation)visit, Department of Electrical and Electronics Engineering, College Of Engineering ,Thalassery, Kerala, India
- **Convener**-Maintenance and Replacement Committee, College Of Engineering , Thalassery,Kerala,India
- **Group Tutor**-Student Admission-2016, Department of Electrical and Electronics Engineering, College Of Engineering ,Thalassery, Kerala,India
- **Resident Tutor**-Ladies Hostel, College Of Engineering Thalassery, Kerala,India



PRESENTATION OF RESEARCH PAPERS/PRINCIPAL PUBLICATIONS

Title of Papers	Name & Nature of Conference.	Held In	Year Of Journal
1. Robust PSS design HI infinity Loop Shaping method over variations in inertia constant of SMIB System.	1 st IEEE International Conference on power Electronics, Intelligent Control and Energy system.	Delhi Technological University, New Delhi, India	2016
2. Power System Stabilizer for single machine infinite BUS system for Robustness against inertia constant variations.	International Conference of Advanced Communication Control and Computing Technologies.	Syed Ammal Engineering College, Tamilnadu, India	2016
3. OCR Reader for visually impaired people using RASPBERRY PI	International Conference on recent scientific research in Engineering and Technology	John Cox Memorial CSI Institute of Technology, Kerala	2019

PROFESSIONAL SKILLS: -

- ❖ Having 12 years of work experience in the academic industry with multi-tasking activities apart from the academic.
- ❖ High interest in research and teaching aptitude.
- ❖ Consistent and outstanding academic records throughout my education.
- ❖ Perfect knowledge about the common job duties of a lecturer and ability to perform them efficiently.
- ❖ A Familiarity with the general administrative environment at educational institutes and idea about their practices.
- ❖ Experience in NBA criteria team coordinators.
- ❖ Totally attended 21 workshops, national level seminars and other short term training programs conducted by IIT Bombay, IIT Madras and other leading Engineering colleges in India.
- ❖ Highly innovative in depicting the subject matter to the students/audience, using traditional methods as well as modern aids.

ACADEMIC DETAILS

• **Master Of Technology in Instrumentation and control Systems**, National Institute Of Technology, Calicut, Kerala, 2014-2016

• **Bachelor Of Technology in Electrical & Electronics Engineering**, College Of Engineering, Thrikaripur, Kerala

• **Plus Two (Higher Secondary) in Science**, Naduvannur Higher Secondary School, Vakayad, Kerala.

• **S.S.L.C (Secondary School Leaving Certificate)** Naduvannur Higher Secondary School, Vakayad, Kerala.

SOFTWARE SKILLS

- MS Word, MS PowerPoint, MS Excel