

SUMALATHA AKUNURI



Designation : Assistant Professor
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Contact at : EIE -Room No. 457, Dept. of Electronics & Instrumentation Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Instrument Technology)

Received Ph.D Award in 2020 for the work entitled “APPLICATION OF SYSTEM IDENTIFICATION TECHNIQUES TO BOILER DRUM MODELING FOR THE DESIGN AND ANALYSIS OF DRUM LEVEL CONTROL SCHEMES” from Andhra University, Visakhapatnam.

M.Tech (Industrial Process Instrumentation, Dept. of Instrument Technology)

2006, Andhra University, Visakhapatnam

B.Tech (Electronics and Instrumentation Engineering)

2003, Andhra University, Visakhapatnam

Experience

Period	Designation	Institution / Organization
2008 – Till Date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2006-2008	Assistant Professor	LBR College of Engineering

Research Interests

Broad Area of Research:

Industrial Process control, System Identification

Honors and Awards

Received Ph.D Award in 2020 for the work entitled “APPLICATION OF SYSTEM IDENTIFICATION TECHNIQUES TO BOILER DRUM MODELING FOR THE DESIGN AND ANALYSIS OF DRUM LEVEL CONTROL SCHEMES” from Andhra University, Visakhapatnam.

1. Received Best Paper Award for paper entitled Estimation of Boiler Drum Dynamics Using Nonlinear Modeling Techniques co-authored with Sumalatha Akunuri & Bhujanga Rao A in International conference on "Recent Developments on Materials, Reliability, Safety, and Environmental issues" held at NIT Jalandhar during June 25-27, 2021. Paper ID: IMRSE_2021_203.

Courses Taught

- Industrial Automation
- Process control
- Industrial communication networks
- Analytical Instrumentation
- Power Plant Instrumentation
- Electronic Measurements & Instruments
- Linear IC Applications
- Bio medical Instrumentation
- Transducers
- Computer control of processes
- PC Based instrumentation.

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=KyMU2lwAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57192544493
ORCID	https://orcid.org/my-orcid
Publons	https://publons.com/researcher/2046550/sumalatha-akunuri/
LinkedIn	https://www.linkedin.com/mynetwork/

Funded Research Projects

Completed	Nil
On-going	Nil
Applied	02

Consultancy / Industry Projects

Completed	02
On-going	Nil
Applied	Nil

Patents

Granted	Nil
Published	02
Applied	Nil

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	23
International / National Level Seminars	05/ 04
International / National Level Conferences	08 / 01
Workshops	14
Instructor Led / Self-Paced Courses	05
Webinars	10

Professional Bodies Membership Details

000033657952	International Society of Automation (ISA)
158641	International Association of Engineers (IAENG)


(Sumalatha Akunuri)
