

PROFILE



Name : Prof. P. Sujatha

Date of Birth : 20.08.1971

Place of Birth : Ananthapuramu

Designation : Professor of Electrical & Electronics Engineering,
Director Foreign Affairs and Alumni Matters,
JNTUA, Ananthapuramu

Official Address : JNTUA, Ananthapuramu
Ananthapuramu-515002
Andhra Pradesh, INDIA
Mobile: +91 9490121399

E-mail ID : psujatha1993@gmail.com; psujatha.eee@jntua.ac.in

Residential Address : #3-19,L.I.C.Colony,
opp. JNTUA Engg. College Guest House
ANANTAPURAMU-515002A.P.INDIA

Qualifications :

University	Degree	Class	Year	Field of specialization
Jawaharlal Nehru Technological University, Anantapur	Ph. D	-	2012	Electrical Engineering (Power Systems)
Jawaharlal Nehru Technological University, Hyderabad.	M. Tech	I class	2003	Electrical Power Systems
Jawaharlal Nehru Technological University, Hyderabad.	B. Tech	I class	1993	Electrical & Electronics Engg.

Experience: 29+years (Teaching UG&PG)

S. No.	Designation	Institute	From	To
1.	Lecturer in Electrical Engg.	Adhiyamaan Polytechnic, Hosur.	03-06-1996	30-06-1998
2.	Academic Asst. in EEE	JNTU College of Engineering, Anantapur	02-07-1998	24-10-1999
3.	Assistant Professor in EEE	Intell Engineering College, Anantapur	25-10-1999	31-05-2003
4.	Assistant Professor in EEE	JNTU College of Engg. Anantapur	31-05-2003	24-10-2004
5.	Assistant Professor (Senior scale) in EEE	JNTU College of Engg. Anantapur	25-10-2004	07-11-2006
6.	Associate Professor in EEE	JNTU College of Engg. Anantapur	07-11-2006	06-11-2012
7	Professor in EEE	JNTUA College of Engg. Anantapur	07-11-2012	Till date

Research Experience: 19 Years

M. Tech Projects guided: 227

Ph. D Scholars guided: 30

Ph. D Scholars guiding: 05

Publications: Total– 147

- International Journals - 92
- International Conferences - 43
- National Journals - 05
- National Conferences - 07

Total Citations (source):

- 480 (Google Scholar)
- 337 (SCOPUS)
- 99 (Web of Science)

Research Data base ID's:

- Google Scholar: <https://scholar.google.com/citations?hl=en&user=NA8mSFcAAAAJ>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57202996760>
- Web of Science: <https://www.webofscience.com/wos/author/record/JAN-6409-2023>
- ORCID: <https://orcid.org/0000-0001-7557-3506>

Patents:

- Published with title “Dual Axis Solar Tracking System with Weather Monitoring” on 30/06/2023
- Published with title “Sun Tracking Solar Panel” on 17/06/2022

Books Published:

- "FPGA-SHE control for CMLI using Stochastic Optimization Techniques", LapLambert publications, Dec, 2017 (ISBN: 978-6202081504)
- "Power Quality Enhancement: An Integrated Nine-switch Power conditioner for Power quality enhancement and Voltage sag mitigation", Scholar's Press, 2023 (ISBN: 9786205522745)
- "Optimal DG Placement for Voltage Improvement using PSO", Scholar's Press, 2023 (ISBN: 9786205522585)

Membership of reputed Professional Bodies:

- a) Fellow of Institution of Engineers (I)F-117150 -6
- b) Life member of Indian Society for Technical Education (I.S.T.E) :LM48705

Administrative Experience:

S. No.	Administrative Position held	Duration
1	Director, Foreign Affairs and Alumni Matters, JNTU Anantapur	06/07/2023 to till date
2	Principal, JNTUA College of Engineering, Ananthapuramu	03/05/2021 to 06/07/2023
3	Vice-Principal, JNTUA College of Engineering, Ananthapuramu	31/08/2020 to 03/05/2021
4	Head of EEE Department, JNTUA College of Engineering, Ananthapuramu	05/12/2012 to August, 2015
5	Officer in-charge Electrical Maintenance	31/07/2010 to December, 2015
6	NSS Programme Officer	30/09/2009 to 31/07/2010
7	Deputy Warden of Ladies Hostels	23/07/2003 to 28/01/2009

Other Academic and Administrative works:

- Served as Chairman, Board of Studies(UG-EEE),JNTUA Ananthapuramu during 2021-23
- Served as Chairman, Board of Studies (PG-EEE), JNTUA Ananthapuramu during 2019- 2021
- Served as Chairman, Board of Studies (UG&PG-EEE), JNTUA CEA, Ananthapuramu during 2013-2015
- Served as Member, Board of Studies (EEE), SKU College of Engineering and Technology, Ananthapuramu during 2018-2021
- Serving as Member, Board of Studies (EEE), SV College of Engineering, Tirupathi from 2021 to till date
- Served as Member, Board of Studies (EEE), Siddartha Institute of Technology, Puttur during 2019-2022
- Acted as a Chair for the 1st IEEE International Conference on Computing,

Communication and Green Engineering 2021(CCGE21) conducted during 23-25, September 2021

- Acted as a Chair for the World Academy of Science, Engineering and Technology Conference conducted during 14-15, February 2013 at Kuala Lumpur, Malaysia
- Ph. D Evaluator for JNTU Kakinada, Acharya Nagarjuna University, Andhra University, Anna University, Cochin University, SV University and KLU
- Served as Research Review Committee member, ANU, Guntur during 2020-2022
- Serving as Research Review Committee member, JNTUA Ananthapuramu since 2016
- Serving as a Editorial Member for the Journal "ISA Transactions"(An ELSEVIER Journal)since 2022

Awards Received:

- Received best National level NSS unit award from Honorable president of India, Smt .Droupadi Murmu in the year 2022 in my tenure as the Principal of JNTUA CEA
- Received Best Women Engineering Teacher award for the year 2021 from ISTE AP.
- Received best performer certificate as an administrator from District Collector, Ananthapuramu during Republic day celebrations in the year 2022
- Appreciation Certificate of Merit from JNTUA in the year 2023

CONFERENCES / WORKSHOPS /SEMINARS ORGANISED:

1. A two day national level students technical symposium (EYE-2K7) on 16th and 17th March, 2007
2. A two day national level conference (EAR-2K8) during 26th and 27th December, 2008
3. A one day national level students technical symposium (EYE-2KX) on 11th March, 2010
4. A one day national level students technical symposium (EYE-2K11) on 2nd April, 2011
5. A one day national level students technical symposium (EYE-2K13) on 15th March, 2013
6. A one day national level students technical symposium (EYE-2K14) on 17th March, 2014
7. A one day national level students technical symposium (EYE-2K15) on 15th March, 2015
8. A one week PDP on “EV Design and Applications to Aerospace Systems” during 25-29, November 2024 in association of JNTUA and Aeronautical Society of India
9. A Ten day online FDP on “AI based Technologies for Electrical Engineering Applications” during 10-20, February 2025 in Association with E&ICT Academy, IIITDM, Kurnool and NIT Warangal

Reviewer for Journals:

- ISA Transactions (Elsevier)
- Journal of Energy Research and Reviews
- Heliyon (Elsevier)
- iScience(Elsevier)

Foreign visit for the academic purpose:

- Visited Kuala Lumpur, Malaysia during 14-15, February 2013 to present a paper titled “A Comparative Analysis of Modulation Control Strategies for Cascaded H-Bridge 11 Level Inverter” in the International Conference on Electrical Engineering (ICEE 2013), Organized by World Academy of Science, Engineering and Technology

SUBJECTS TAUGHT:

S. No.	Name of the Course taught	Level of Graduation
1	Electrical Circuits	UG
2	Power Systems – II (Transmission of Electric Power)	
3	Power Systems – III (Switchgear and Protection)	
4	Electrical Machines	
5	Basic Electrical Engineering	
6	Electrical Technology	
7	Power System Operation and Control	
8	Basic Electrical Engineering Lab	
9	Electrical Machines – I Lab	
10	Electrical Machines – II Lab	
11	Power Systems & Simulation Lab	
12	Electrical Circuits Lab	
13	Electrical Power Distribution Systems	PG
14	Advanced Power System Protection	
15	EHV AC Transmission	
16	Power System Stability and Control	
17	Reliability Engineering and Applications to Power Systems	
18	Reliability Tools Lab	
19	Power System Simulation Lab	
20	Machines & Simulation Lab	
21	Reliability Testing Lab	Pre Ph. D
22	Renewable Energy Sources	

Prof. P. Sujatha