

# CURRICULUM VITAE



**Name** : Prof. P. Sujatha

**Date of Birth** : 20.08.1971

**Place of Birth** : Ananthapuramu

**Community** : BC-B (Thogataveera Kshatriya)

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

**Official Address** : JNTUA, Ananthapuramu  
Ananthapuramu – 515 002  
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 – 515 002 A.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.

**About childhood and Education:**

Born and brought up in Ananthapuramu town. Did school education from Guild of Service school, Ananthapuramu in the year 1986, Intermediate education from Satya Sai Institute of higher learning, Ananthapuramu in the year 1988, B. Tech from JNTU College of Engineering, Anantapur in the year 1993, M. Tech from JNTU College of Engineering, Anantapur in the year 2003 and Ph. D from JNTU Anantapur in the year 2012.

**About Family:**

Born in a middle class family in the year 1971 and married Prof. K. S. R. Anjaneyulu (Late), former Professor of EEE and OSD to Vice-Chancellor, JNTUA who expired in 2016 due to health issues. Have two children, first one K. S. Amrutha Valli doing M. S in UST, Texas in Computer Engineering and second one K. S. Ananda Valli finished B. Tech in ECE and got placement in Cognizant Technologies Pvt. Ltd.

**Experience: 27+ 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: 17 Years**

**M. Tech Projects guided : 167**

**Ph. D Scholars guided : 20**

**Ph. D Scholars guiding : 05**

**Publications : Total – 123 (SCOPUS Citations: 183 and h-index: 9)**  
 International journals - 78  
 International Conferences - 34

National Journals - 05  
National conferences - 06

**Patents** : **Two patents are registered for the works on**  
**(1) Solar- Effluent Treating System**  
 Patent Application #1477/CHE/2009 dt.24.6.2009  
**(2) Silkworm Pupae-Solar Dehydrator**  
 Patent Application #2638/CHE/2010 dt.9.9.2010

**Books Published:**

- "FPGA-SHE control for CMLI using Stochastic Optimization Techniques", Lap Lambert 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)

**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:**

*Director Foreign Affairs & Alumni Matters, JNTUA: 06<sup>th</sup> July, 2023 to till date*

*Principal of JNTUA CEA: May, 2021 to July, 2023*

**Nature of duties:** Administrative head of the institution to look after all the administrative, financial and academic activities.

**Achievements:**

1. Celebrated 75 years of celebrations of JNTUA College of Engineering, Ananthapuramu in the month of December, 2021 in well organized manner.
2. Conducted many number of Alumni activities and procured 1 crore rupees from alumni to conduct various developmental works in the institution.
3. Conducted Police Recruitment examination prelims successfully (Police Conistable and SI) in Ananthapuramu district as Regional coordinator for the year 2023 in the month of January and February
4. Conducted APPSC Group-I (Mains) examination in Ananthapuramu successfully for 07 days and acted as centre head.
5. Conducted UPSC Civil Services Preliminary examinations in the year 2022 and 2023 successfully as a centre head.
6. Conducted UPSC CDS (Defense Services) examinations in the year 2022 and 2023 successfully as a centre head.

7. Conducted POLYCET examinations in the year 2022 and 2023 successfully as a centre head.
8. Established Innovations Lab in the campus with the help of alumni
9. Worked hard to achieve NBA accreditation for all UG programs of the Institution in the year 2022 and 2023. With the efforts all UG programs are accredited by NBA.
10. Got ISO 9001:2015 certification for the Institution

***Vice Principal of JNTUA CEA: August, 2020 to May, 2021***

**Nature of duties:** Monitoring the various activities of the College especially academic activities, examinations and student support systems.

**Achievements:** Conducted examinations for all the UG and PG programs in Pandemic situation, provided very good awareness among the students and released the results on time. Established student committees to perform various other activities in the college.

***Head of Electrical & Electronics Engg Dept.: January. 2013 to August, 2015***

**Nature of duties:** Monitoring the various activities of the department like teaching load distribution, conduct of classes work, preparation of timetables, maintenance and development of various labs etc.

**Achievements:** Organized the following workshops/conferences successfully thereby establishing the competence of the Department in arranging such events.

1. National Students' Technical Symposium (**EYE – 2K13**) on 15.3.2013
2. Conducted UG & PG Board of Studies meeting to frame the syllabus
3. Participated in Conferences and Workshops

Introduced student-counseling scheme by allocating 15 students for each teaching staff member in order to have close attention and guide the student in a right direction.

Arranged number of Guest lectures by the faculty of premier institutes for the benefit of PG students and faculty.

Special efforts are put to achieve perfection in executing better B.Tech & M.Tech projects by interacting with various industries and organizations like BHEL, CPRI, SHAR, ECIL, PRDC etc.

Special programs are organized for the benefit of the students to improve their communication skills and personality.

***NSS Program Officer 2009 to 2010***

**Nature of duties:** Arranging & Conducting of various development programs for the students towards service to the public

**Achievements:** Succeeded in my attempts of developing students interaction with outside world.

***Deputy Warden of Ladies Hostels: 2003 to 2009***

**Nature of duties:** Maintenance of Ladies hostels.

**Achievements:** Provided good environment to students like their home, periodic checking, prevented ragging activities, provided Internet facility, Gymnasium, Guest Lectures for students career growth.

***In-charge of Machines, Networks Laboratory: (2003-2013)***

**Nature of duties:** Maintenance and Development of Laboratories, Planning of experiments as per the syllabi and regular monitoring of conduct of laboratory classes.

**Achievements:** Developed Machines laboratory by adding new equipment with simulation software in order to facilitate PG Laboratory classes and research. New experimental manuals were prepared.

**Other Academic and Administrative works:**

- Serving as Chairman, Board of Studies (UG-EEE), JNTUA Ananthapuramu since 2021
- 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 1<sup>st</sup> 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

**CONFERENCES/WORKSHOPS/ SEMINARS ORGANISED:**

1. A two day national level students technical symposium (EYE-2K7) on 16<sup>th</sup> and 17<sup>th</sup> March, 2007
2. A two day national level conference (EAR-2K8) during 26<sup>th</sup> and 27<sup>th</sup> December, 2008
3. A one day national level students technical symposium (EYE-2KX) on 11<sup>th</sup> March, 2010
4. A one day national level students technical symposium (EYE-2K11) on 2<sup>nd</sup> 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

## **SUBJECTS TAUGHT**

### **U.G. Courses:**

1. Electrical Science/ Electrical Engg. /Electrical Technology
2. Power Systems I, II, III
3. Electrical Machines/ Electro mechanics –I, II, III
4. Power System Operation & Control
5. Network Theory/ Network Analysis /Electrical Circuits
6. Artificial Neural Networks

### **P.G. Courses:**

1. Advanced power system protection
2. EHV AC Transmission
3. Electrical Distribution Systems
4. Power System Stability
5. Reliability Engineering

**Prof. P. Sujatha**