

Dr. S. Tara Kalyani

Ph.D

Senior Professor & Director of UIIC

SMIEEE, WIE, MISTE

Electrical & Electronics Engineering

#### **Educational Qualifications**

- 1. M.B.A. (Gold Medal), Human Resource Management, School of Management Studies, JNTUH, Hyderabad (2016), AP, India.
- 2. Ph.D., Flexible AC Transmission Systems (FACTS), Department of Electrical & Electronics Engineering (2008), JNTUH, AP, India.
- 3. M.E., Industrial Drives and Control, Department of Electrical & Electronics Engineering (1998), JNTUH, Hyderabad, AP, India.
- 4. B.E., Electrical and Electronics Engineering (1995), Osmania University, Hyderabad, AP India.

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# Professional Experience

- 1. Senior Professor January 2021 till date
- 2. Professor, JNTUH January 2011 December 2020
- 3. Associate Professor, JNTUH July 2003 December 2010
- 4. Associate Lecturer, Govt. Polytechnic, Warangal November,1996 July 2003.

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### Administrative Experience

- 1. Director, Affiliations and Academic Audit February 2024 to till date
- 2. Director, University Industry Interaction Centre June 2021- January 2024
- 3. Controller of Examinations, Examination Branch, JNTUH, October 2016 June 2021
- 4. Chair, EEE Board of Studies, JNTUHCEH, October 2014 October 2016
- 5. HEAD, Department of EEE, JNTUHCEH, October 2014 October 2016
- 6. Officer In charge of Examinations, Nodal Centre-6 JNTU Examination Branch, February, 2010 August 2010.
- 7. Co-ordinator, School of Continuing Distance Education, JNTUH, November 2010 -
- November 2012.
- 8. Deputy Director, UGC-Academic Staff College, JNTUH, September 2009 August 2010.
- 9. Assistant Director, UGC-Academic Staff College, JNTUH, October 2008- September 2009

#### Â <u>Awards:</u>

- 1. University Gold Medal for MBA (PTPG) 2016.
- 2. Best paper awards
- 3. Telugu Vignana Parithoshakam in 10th class from the government.
- 4. Telugu Vignana Parithoshakam in 7th class from the government.

#### Â Additional Activities

- 1. Coordinator, TGEAPCET- 2024
- 2. Member, Executive Council, JNTUH February 2020 February 2024
- 3. Co-convener, TSNPDCL Recruitment tests for Sub-Engineers, Asst. Engineers, Jr. Account Officers notified in 2018
- 4. Co-convener, TSECET- 2016
- 5. Coordinator, TSECET- 2012
- 6. Coordinator, TSECET- 2011
- 7. General Secretary, JNTUH Teaching Staff Association, 2013 2015

#### Â Consultancy Project:

Lead for the Third-party evaluation and technical support team for Project Management Unit (PMU) of Hyderabad Traffic Integrated

Management Systems (HTRIMS) project for Greater Hyderabad Municipal Corporation (GHMC) and Department of Traffic – Sponsored by GHMC (Rs. 13.28 Lakhs).

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### Courses organized:

1. Organized 17 refresher courses of 3-week duration, 5 orientation courses of 4-week duration and 6 short term courses for the Engineering College faculty as Assistant Director and Deputy Director of UGC – Academic Staff College, JNTUH, Hyderabad.

2. Organized several seminars/workshops/guest lectures as by inviting professors from country wide IITs, NITs and University Engineering colleges as Head of the Department.

3. As a Head of the department, formed an Industrial Advisory Committee in the department of Electrical and Electronics Engineering to improve institute industry interaction.

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#### Session Chair & Keynote speaker at International Conferences

1. †Topologies of transformerless PV inverters' at 4th IET Clean Energy and Technology Conference, Kuala Lumpur, Malaysia, Nov 14-15, 2016.

2. Session Chair at The 2016 International Conference of Electrical and Electronics Engineering in World Congress on Engineering 2016, London, U.K., 29 June-1July, 2016.

3. †Emerging Trends in Power Electronics and Drives' at College of Engineering and computing, Alghurair University, Dubai, UAE, April 22-25, 2015.

4. Session Chair at Third International Conference on Emerging trends in Electrical, Electronics & Instrumentation Engineering, Dubai, UAE, April24-25, 2015.

### **Research Paper presentations in other countries:**

1. "NPC full bridge topology for transformerless PV Inverters with improved clamping branch―' - 4th IET International Conference on Clean energy and Technology, November 2016, Malaysia.

2. â€∞*Comparison of Voltage Stability Indices and its Enhancement Using Distributed Generationâ*ۥ, World Congress on Engineering 2016 - Vol I - WCE 2016, June 29 - July 1, 2016, London, U.K.

3. "Evaluation of single phase transformerless photovoltaic inverters― International conference on Emerging trends in Electrical, Electronics and Instrumentation Engineering, 24-25 April 2015, Dubai, UAE.

4. â€∞*Control and performance of UPFC connected to a transmission line*―, at IEEE-PES International Power Engineering Conference (IPEC-07), **Singapore**, December 2007.

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## List of Research Publications

International Journals/Conferences: 86

National Journals/Conferences: 8

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## Membership in Professional Organizations

1. Senior Member of Institute of Electrical and Electronics Engineers (IEEE)

- 2. Member of Women in Engineering (WIE)
- 3. Fellow of Institute of Engineers (FIE)
- 4. Life member of Indian Society for Technical Education (ISTE)
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### Patent Filed

1. 201841036399 A - SPARTAN 6A based online fuzzy & ANN estimators for temperature dependent parameters in feed forward vector controlled asynchronous drive.

Countries Visited

London, Malaysia, Dubai-UAE, Singapore

Contact :

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