

FACULTY PROFILE

Faculty Name: K. MAHESH

Faculty Photo:



Faculty Description:

K. Mahesh is the Assistant Professor, Department of Electrical and Electronics Engineering at Dr.K.V.Subba Reddy Institute of Technology, Kurnool.

Profile Tab:

Qualification

Qualification	Institution	Year
Bachelor's degree	SSCET, JNTUA, Ananthapur	2012
Master's degree	Dr.K.V.Subba Reddy Institute of Technology, Kurnool.	2018

Experience

Designation	Institution	From	To
Assistant Professor	Dr.K.V.Subba Reddy Institute of Technology, Kurnool.	2018	Till date

Teaching Tab:

Expertise / list of subjects handled

- **Under Graduate Courses:** Generation of Electrical Power, Power Quality, Electrical Distribution Systems.
- **Post Graduate Courses:** FACTS

Research Tab:

Research Interest

- Intelligent Feeder Control System in 230KV Switchyard.
- Over Voltage and under Voltage Protection System.

Journals

1. K Mahesh paper entitled “Speed Control of dc motor using isolated dc-dc converter”, International Journal of Food and Nutritional Sciences, Journal Volume 10 , Iss 1, Jan 2021.
2. K Mahesh paper entitled “Grid-based Variable Speed wind energy conversion system power quality improvement”, Material Science and Technology, Vol.20 No.05, Sep, 2021.
3. K Mahesh paper entitled “Smart Grid Power Quality improvement using modified UPQC”, POSITIF Journal, Vol 22, Issue 12, 2022.

FDPs AND STTPS TAB :

1. Participated in the Training program/FDP on “FIRST HAND EXPERIENCE ON SPSS – INTRODUCTORY MODULE “Organized by faculty of commerce-Parul University, Research foundation of India & RFI care from 06th November to 12th November 2022.
2. Participated in the online Faculty Development Programme on“Green Energy Technologies for Sustainable Development” organized by EEE Department, SSET from 23rd to 27th 2022.
3. Participated and successfully completed the AICTE Sponsored Six day online Short Term Training Program (STTP) on Novel Design & Control Strategies and Innovative Technical Practices in LV/HV Modern Switchgear from 23.07.2020 to 29.07.2020 organised by the Department of Electrical and Electronics Engineering, Saranathan college of Engineering.

Blog Tab:

Blog link : kummarimahesh.blogspot.com