


## Profile

<b>Name of the Faculty</b>	Mr. K. Mahender	
<b>Designation</b>	Associate Professor	
<b>Department</b>	EEE	
<b>Area of Interest</b>	Power System	
<b>Subjects Taught</b>	Power System, High voltage Engineering, UEE, BEE, EM-1 & EM-II	
<b>JNTUH Registration Id</b>	29150331-154942	
<b>College Staff Code</b>	SC0179	
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### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	M.E	Electrical Power Engineering	Acharya Nagarjuna University	2007
2	B. Tech	EEE	JNTUH- Anwar-UL-Uloom College of Engineering and Technology	2002

### Publications Details :

S. No.	Publication details
1.	Mahender, K., Malvekar, S. N., Naveen, R., & Kumar, W. P. (2024, December). Designing of Electrical Vehicle Using Simulink. In 2024 International Conference on Sustainable Communication Networks and Application (ICSCNA) (pp. 507-512). IEEE
2.	Mahender, K., Rao, G. S., Kamalakar, G., Venkateshwarlu, S., Polasa, S., & Pulluri, H. (2025). Optimizing Combined Heat and Power Economic Dispatch Using a Differential Evolution Algorithm. In E3S Web of Conferences (Vol. 616, p. 02025). EDP Sciences.

3.	N. Katta, M. P. Kumar, K. Mahender, D. N. Santoshi Rupa Priyanka Malla and S. G. Malla, "Whale Optimization based MPPT of Single Stage Grid Connected PV System with $\mathbf{H}\infty$ Controller," 2022 1st IEEE International Conference on Industrial Electronics: Developments & Applications (ICIDeA), Bhubaneswar, India, 2022, pp. 220-226, doi: 10.1109/ICIDeA53933.2022.9970020
4	K. Mahender, S. N. Malvekar, R. Naveen, W. P. Kumar and K. Chenchireddy, "Smart Energy Meter with Theft Detection and Voice Alert," 2025 7th International Conference on Inventive Material Science and Applications (ICIMA), Namakkal, India, 2025, pp. 213-217, doi: 10.1109/ICIMA64861.2025.11074139

**Experience:**

<b>Teaching</b>	18
<b>Industry</b>	Nil
<b>Research</b>	Nil
<b>Total Experience</b>	18