




DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE

Name of the Faculty	P.T.Krishna Sai	
Designation	Assistant Professor	
Email & Phone No	tsee051thandavakrishna@gmail.com & 9912200927	
Department	Electrical and Electronics Engineering.	
Educational Background	1. Pursuing Ph.D in Christ University, Bengaluru. 2. M.Tech From affiliation college of JNTU, Kakinada. 3. B.Tech From affiliation college of JNTU, Hyderabad.	
Research Areas	Renewable Energy Systems, Control Systems, Power Systems.	
Experience	10 Years	

Sl. No	Institute	Designation	Period
1	DhaneKula Engineering College	Asst.Prof	2012 - till date
2	Vijaya Institute of Technology for Women	Asst.Prof	2010 - 2012

List of Publications (National and International Journals)

1. **P.T.Krishna Sai, K.Murali,Dr.G.R.K.Murthy.** "FLC and NN based alpha compensation of three phase controlled rectifier fed DC-motor drive." International Journal of Computer Science and Emerging Technology (E-ISSN: 2044-6004) Volume1, Issue 4, December 2010.
2. **P.T.Krishna Sai, Mahammad Iliyas.** "Power Quality Improvement by 11 level multilevel inverter with reduced number of switches." International Journal of engineering Research (ISSN: 2319-6890) (online), 2347-5013(print) VolumeNo.4, Issue No.8, pp: 470-474 01 August, 2015.
3. **P.T.Krishna Sai, I.Sairam.** "Overview of shunt active filter used for reduction of harmonics in 3-phase 3-wire system." International Journal of engineering Research (ISSN: 2319-6890) (online), 2347-5013(print) VolumeNo.5, Issue No.6, 2015.
4. Dr.J.Vara Prasad, P.T.Krishna Sai, "Static Voltage Stability of Reconfigurable Radial Distribution System Considering Voltage Dependent Load Models." International Information and Engineering Technology Association (IIETA), Mathematical modeling of engineering problems (MMEP)(ISSN:2369-0739)(print),2369-0747(online) <https://doi.org/10.18280/mmep.070316>. (Scopus - Indexed).
5. Dr.J.Vara Prasad, P.T.Krishna Sai, U.Kamal Kumar, "Future Search Algorithm for Optimal Integration of Distributed Generation and Electric Vehicle Fleets in Radial Distribution Networks Considering Techno-Environmental Aspects" Springer Nature Applied Sciences <https://doi.org/10.1007/s42452-021-04466-y>. (ESCI/Scopus - Indexed).

National/International Conferences ((National and International): 02

S.No	Title of the Paper	Conference
i)	Butterfly Optimization Algorithm Based Optimal Sizing and Integration of Photovoltaic System in Multi-Lateral Distribution Network for Interoperability	2nd International Conference on Communication and Intelligent Systems ICCIS 2020*, Jointly Organized in Virtual Format by GLOBAL INSTITUTE OF TECHNOLOGY, JAIPUR AND RAJASTHAN TECHNICAL UNIVERSITY, KOTA IN ASSOCIATION WITH BIRLA INSTITUTE OF APPLIED SCIENCES, UTTARAKHAND AND SOFT COMPUTING RESEARCH SOCIETY, DECEMBER 26-27, 2020.
ii)	A Novel Hybrid GMPPT Scheme based on P&O-MM with Reduced Output Power Oscillations under PSC for PV System	International Online Conference on Smart Grid Energy Systems and Control (SGESC-2021[#]) to be held during March 19-21, 2021, at NIT Kurukshetra.

*** THE AFTER-CONFERENCE PROCEEDING OF THE ICCIS20 WILL BE PUBLISHED IN SCOPUS INDEXED SPRINGER BOOK SERIES, 'LECTURE NOTES IN NETWORKS AND SYSTEMS'.**

THE AFTER-CONFERENCE PROCEEDING OF THE SGESC-2021 WILL BE PUBLISHED IN SCOPUS INDEXED SPRINGER BOOK SERIES, 'LECTURE NOTES IN ELECTRICAL ENGINEERING BOOK SERIES'.

FDPS/Workshops Attended:

S . NO	Type of Event	Total Count
1	FACULTY DEVELOPMENT PROGRAMS	15
2	WORKSHOPS	8
3	WEBINARS	6
4	COURSERA COURSES	4

Achievements / Awards:

- 1. Received Best Teacher Award for the Academic Year 2016-17**
- 2. Received Best Mentor Award for the Academic Year 2017-18,2018-19**

Thandava Krishna Sai P