



**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 PROFILE**

<b>Name of the Faculty</b>	Anil Kumar Chinta
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:anl9.chinta@gmail.com">anl9.chinta@gmail.com</a> & 9491346768
<b>Department</b>	Electrical and Electronics Engineering
<b>Educational Background</b>	1. Pursuing (Ph.D, Annamalai University) 2. M.Tech from VIGNAN University, Guntur 3. B.Tech from Acharya Nagarjuna University, Guntur
<b>Research Areas</b>	Soft Computing Techniques for Renewable Energy Sources Electric Vehicles
<b>Experience</b>	11 Years 2 Months



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Assistant Professor	12-08-2013 - till date
2	Mentor Insight India Private Limited	Content Developer	28 <sup>th</sup> April 2010 – 29 <sup>th</sup> March 2011

**List of Publications (National and International Journals): Six(6)**

1. "Control of Wind Energy System Driven by Permanent Magnet Synchronous Generator by Maximum Power Point Tracking Technique" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), e-ISSN: 2278 - 8875, p-ISSN: 2320 - 3765, Volume 9, Issue 10, October 2020
2. "Arduino Based Smart Meter for Distribution Line Open Fault Identification and Intimation Using GSM" Journal of Electrical and Power System Engineering, e-ISSN: 2582-5712, Volume-7, Issue-2 (May-August, 2021), <http://matjournals.in/index.php/JOEPSE/issue/view/1237>.
3. "Autonomous Sensing, Monitoring and Controlling of Fire and Gas in Industries Using Robot" Journal

of Control and Instrumentation Engineering, e-ISSN: 2582-3000 Volume-8, Issue-2(May-August,2022)

4. Chinta Anil Kumar, Dr. Kandasamy Jothinathan, Dr. Lingineni Shanmukha Rao, "A novel SIMIDCBC topology driven PMSM for PEV application", International Journal of Applied Power Engineering (IJAPE) ISSN: 2252-8792, Volume-13 No. 1, March 2024. (Scopus Indexed).
5. Chinta Anil Kumar, Dr. Kandasamy Jothinathan, Dr. Lingineni Shanmukha Rao, "A novel 7-level reduced-switch MLI topology fed PMSM drive for electric vehicle system", Indonesian Journal of Electrical Engineering and Computer Science (IJEECS) ISSN: 2502-4752, Volume-33 No. 2, February 2024. (Scopus Indexed).
6. "EV Charging Station by Solar Power" Journal of Electrical and Power System Engineering, e-ISSN: 2582-5712, Vol. 10, Issue 2 (May - August, 2024) pp: (32-42).

**National/International Conferences ((National and International): One (1)**

1. "A Novel Control Strategy for Self-Charging of a Electric Vehicle During Running Mode" International Conference on Innovations in Electronics, Electrical & Communication Technologies (ICIEECT-21), ISBN:978-93-5473-424-3.

**Patent: Three (3)**

1. "Intelligent Artificial Intelligence And IOT Powered Efficient Energy Monitoring Architecture For The Smart Grid System" PATENT APPLICATION PUBLICATION, Application No.202141049814, Publication Date: 12/11/2021.
2. "Feed Motor In Automation Of Agribot Using MI" Official Journal Of The Patent Office, Application No.202341062501 A, Publication Date: 06/10/2023.
3. "Human Behavior Analysis Using AI", Official Journal Of The Patent Office, Application No.202341062951 A, Publication Date: 06/10/2023.

**Achievements / Awards etc:**

1. "Topper Certificate" from VIGNAN University Guntur during M.Tech.
2. Received Appreciation for delivering Online lectures well during Lock Down from the Management of Dhanekula Institute of Engineering and Technology.
3. Editorial Board Member at MAT Journals (<http://matjournals.com/Editorial-Journal-of-Electrical-and-Power-System-Engineering.html>).

**Anil Kumar Chinta**