DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STAFF / FACULTY PUBLICATIONS

(a) Journals: **Academic year: 2023-2024**

S.No	Faculty /Staff name	Paper / Book title	Events / Journals / Publisher	Type of Journal	Publication Month	DOI/ISSN	Impact Factor
1	Ch Anil Kumar	A novel SIMIDCBC topology driven PMSM for PEV application	International Journal of Applied Power Engineering (IJAPE)	SCOPUS	March 2024	ISSN: 2252-8792	1.06061
2	Ch Anil Kumar	A novel 7-level reduced-switch MLI topology fed PMSM drive for electric vehicle system	Indonesian Journal of Electrical Engineering and Computer Science (IJEECS)	SCOPUS	Feb 2024	ISSN: 2502-4752	Cite Score: 2.9, SNIP: 0.528, SJR: 0.272
3	P.T.Krishna Sai	Profit Expansion of a Solar Integrated Day-Ahead System by Placement of TCSC and Fuel Cell in the Presence of Disequilibrium Price	IEEE Access	SCI/Scopus indexed	15 September 2023	DOI: 10.1109/ACCESS.2023.3315747 Electronic ISSN: 2169-3536	Impact Factor: 3.9 Eigen factor: 0.32872 Article Influence Score: 0.685 CiteScore: 9
4	P.T.Krishna Sai	An Enhanced Pathfinder Algorithm for Optimal Integration of Solar Photovoltaics and Rapid Charging Stations in Low-Voltage Radial Feeders	Journal of solar energy	Scopus Indexed	Volume 8, Issue 4 October 2023 Pages 1680-1690	DOI-0.22059/JSER.2023.359041.1300 Print ISSN 2588-3097 Online ISSN 2588-3100	CiteScore: 1.1
5	P.T.Krishna Sai	Optimally Tuned Gated Recurrent Unit Neural Network-based State of Health Estimation Scheme for Lithium Ion Batteries	IEEE Access	SCI/Scopus indexed	22 April 2024	DOI: 10.1109/ACCESS.2024.3392432	Impact Factor: 3.9

| 6 | Dr. K Venkata Ramireddy | Assessment of Performance Degradation Due to Electromagnetic Interference in Network Applications | Aegaeum Journal | UGC-CARE Approved (Group-II) Multidisciplinary Journal | 23 Feb 2024 | https://aegaum.com/CURRENT_ISSUES.php?id=83&Archives | Impact Factor: 6.1 |

(b) List of Conferences:

S.No	Faculty/Staff name	Paper / Book title	Events / Journals / Publisher	Type of Conference	DOI/ISBN
1	P.T.Krishna Sai	Hybrid Deep Learning Technique for Optimal Wind Mill Speed Estimation	IEEE XPLORE (Conference) 09 February 2024	ESCI/Scopus Indexed	DOI: 10.1109/ICECA58529.2023.10395587 Electronic ISBN:979-8-3503-4060-0 DVD ISBN:979-8-3503-4059-4 Print on Demand(PoD) ISBN:979-8-3503-4061-7

(c) List of Patents:

S. No	Faculty/Staff name	Patent Title	Patent Publisher	Application Details	Publication Date
1	Mr Anil Kumar Chinta	FEED MOTOR IN AUTOMATION OF AGRIBOT USING ML	OFFICIAL JOURNAL OF THE PATENT OFFICE	Application No.202341062501 A	06/10/2023
2	Mr Anil Kumar Chinta	HUMAN BEHAVIOR ANALYSIS USING AI	OFFICIAL JOURNAL OF THE PATENT OFFICE	Application No.202341062951 A	06/10/2023
3	Mr. P T Krishna Sai	FEED MOTOR IN AUTOMATION OF AGRIBOT USING ML	OFFICIAL JOURNAL OF THE PATENT OFFICE	Application No.202341062501 A	06/10/2023

(d) List of Book Chapters/Books:

S. No	Faculty/Staff name	Book/Book Chapter Title	Publisher	Details	Publication Date
Nil					

Signature of R&D Member   Signature of HOD