

## LIST OF PUBLICATIONS

S.No.	Author Details	Title of the Paper	Name of Journal/conference	Volume/Year of publication/pages	Student Details	Indexing
<b>2022-23</b>						
1.	B Phaneendra Babu , V Karthik , Mohammed Musharraf , Ahmed Hussein Alkhayyat , Deepika Dua	Design and Development of High Frequency Inverter for Wireless Power Transfer Application	E3S Web of Conferences 391, 01187 (2023) ICMED-ICMPC 2023	June 2023	V Karthik , Mohammed Musharraf	(Scopus +WOS)
2.	Phaneendra Babu Bobba , G Sandhya Rani, Burra Sujana Goud	A Comparative Study on Conventional and Superconducting Electrical Machines	E3S Web of Conferences 391, 01211 (2023) ICMED-ICMPC 2023	June 2023	Burra Sujana Goud	(Scopus +WOS)
3.	Phaneendra Babu Bobba, Sai Surya Vidul Ch , Vedavyas Manjunath Ahmed Hussein Alkhayyat, , Divya Pandey	Design of Wireless Power Transfer System for PMBLDC Motor driven Autonomous Vehicle	E3S Web of Conferences 391, 01188 (2023) ICMED-ICMPC 2023	June 2023	Sai Surya Vidul Ch , Vedavyas Manjunath	(Scopus +WOS)
4.	Bobba Phaneendra Babu, Allem Rama Krishna Reddy, Gujjula Pratap , Murra Harshavardhana Reddy, A. Hussien Abbas, Raj Kumar, J.Praveen	Comparison Analysis of Semiconductor Characterisation topologies using Energy Recirculation Concept	E3S Web of Conferences 391, 01188 (2023) ICMED-ICMPC 2023	June 2023	Allem Rama Krishna Reddy, Gujjula Pratap	(Scopus +WOS)
5.	Sri Vidya Devi P , Sai Krishna CH , Sai Srinivas P , Ashraf SK ,Sushith K	Computing and Monitoring various Biopotential signals using Machine Learning algorithms	E3S Web of Conferences 391, 01106 (2023) ICMED-ICMPC 2023	June 2023	Sai Krishna CH , Sai Srinivas P , Ashraf SK ,Sushith K	(Scopus +WOS)
6.	Sri Vidya Devi P , Akhila G , Manasa K , Revathi G , Deekshitha S	Analysis, Monitoring and Control of Speed Variations for Various Applications of SRM Motor with ESP32 and Thing speak	E3S Web of Conferences 391, 01105 (2023) ICMED-ICMPC 2023	June 2023	Akhila G , Manasa K , Revathi G , Deekshitha S	(Scopus +WOS)
7.	M. Rekha , K. Laxman , J. Vamshikrishna , M. Lohith , P. Pranavrai	Wind-Solar Hybrid System for Domestic Utility	E3S Web of Conferences 391, 01111 (2023) ICMED-ICMPC 2023	June 2023	K. Laxman , J. Vamshikrishna , M. Lohith , P. Pranavrai	(Scopus +WOS)
8.	Pendur Sai Teja , Nagireddy Shiva Smaran Reddy , Praveen Kumar Pandugu , Pratheek Vangari	Smart Vehicle Monitoring And Tracking System	E3S Web of Conferences 391, 01099 (2023) ICMED-ICMPC 2023	June 2023	Pendur Sai Teja , Nagireddy Shiva Smaran Reddy , Pratheek Vangari	(Scopus +WOS)
9.	Vinay Kumar Awaar , Sandhya Rani M.N , Pravardh Naragani , Sasidhar Talluri ,	Speed Control of Induction Motor using Digital Signal Processor TMS320F28027F	E3S Web of Conferences 391, 01178 (2023) ICMED-ICMPC 2023	June 2023	Pravardh Naragani , Sasidhar Talluri	(Scopus +WOS)
10.	Vinay Kumar Awaar , Sandhya Rani M.N , Kavya Kirthi D , Sindhu CH1 , Sai Keerthana P ,	IoT Enabled Speed Control of Single-Phase Induction Motor	E3S Web of Conferences 391, 01178 (2023) ICMED-ICMPC 2023	June 2023	Kavya Kirthi D Sindhu CH1 , Sai Keerthana P , Suchismita Das	(Scopus +WOS)

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11.	Vinay Kumar Awaar , Anjali Nagilla , Sravani Bannuru , Suchitha Veeramaneni,, Prasanthi Veerla, A. Hussien Abbas	Position sensorless field-oriented control of BLDC motor for EV applications	E3S Web of Conferences 391, 01176 (2023) ICMED-ICMPC 2023	June 2023	Anjali Nagilla , Sravani Bannuru , Suchitha Veeramaneni,, Prasanthi Veerla	<b>(Scopus +WOS)</b>
12.	Rayarapu Shruthi , Rajagiri Anil Kuamr , Bonala Anusha , Megavath Uma , and Nadella Sree Samanvitha	Zeta Converter Based Battery Charger for Ev	E3S Web of Conferences 391, 01098 (2023) ICMED-ICMPC 2023	June 2023	Rayarapu Shruthi, Bonala Anusha , Megavath Uma , and Nadella Sree Samanvitha	<b>(Scopus +WOS)</b>
13.	D Karuna Kumar, B Mahesh , B Umesh , K Rohanth Reddy , M Shashank	Smart Wheelchair with Advanced Assistance and Governing System for Disabled	E3S Web of Conferences 391, 01098 (2023) ICMED-ICMPC 2023	June 2023	, B Mahesh , B Umesh , K Rohanth Reddy , M Shashank	<b>(Scopus +WOS)</b>
14.	Vedavyas Manjunath D , Student Member IEEE, Lakshmi Priya G, Vaishnavi R, Phaneendra Babu Bobba	Analysis of Different Coil Structures used in Wireless Power Transfer based UAVs	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet) November 2022	August 2022	Vedavyas Manjunath D, Lakshmi Priya G, Vaishnavi R	<b>(Scopus +WOS)</b>
15.	Phaneendra Babu Bobba, SMIEEE, R Karthik Rao., Sai Surya Vidul Chinthamaneni	Design and Development of Wireless Power Transfer System for AUV Applications	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Sai Surya Vidul Chinthamaneni3	<b>(Scopus +WOS)</b>
16.	Phaneendra Babu Bobba , SMIEEE, R Karthik Rao , Sai Surya Vidul Chinthamaneni	Wireless Power Transfer in Autonomus Underwater Vehicles	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Sai Surya Vidul Chinthamaneni	<b>(Scopus +WOS)</b>
17.	Vinay Kumar Awaar Rajshri Simhadri Praveen Jugge	Comparative Study And Experimentation of Speed Control Methods of BLDC Motor using DRV8312	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Rajshri Simhadri	<b>(Scopus +WOS)</b>
18.	Vinay Kumar Awaar Nagilla Anjali M N Sandhya Rani Sravani Bannuru Sumalatha Tangallapally Aggarapu Siri	Parameter Estimation and Speed Control of FOC Based PMSM Drive Using F28379D	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Nagilla Anjali Sravani Bannuru Sumalatha Tangallapally Aggarapu Siri	<b>(Scopus +WOS)</b>
19.	Abhignya Rajapu, Sai Anuraag Madisetty, Saisree Thokala, P.Ranadeep Mahendra, V.Vijaya Rama Raju, Ch.Sai Venkat Reddy	Cost-Effective Multispectral Imaging System For Precision Agriculture	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Abhignya Rajapu, Sai Anuraag Madisetty, Saisree Thokala, P.Ranadeep Mahendra, Ch.Sai Venkat Reddy	<b>(Scopus +WOS)</b>
20.	Vinay Kumar Awaar, Neelima Jampally, Haritha Gali	Real-Time BLDC Motor Control and Characterization Using TMS320F28069M with CCS and GUI	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Neelima Jampally, Haritha Gali	<b>(Scopus +WOS)</b>
21.	Vinay Kumar Awaar, M N Sandhya Rani,D Kavya Kirthi,Ch	Implementation of Digital Filters to Improve Dynamic Response of A Single Phase PWM Rectifier	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	D Kavya Kirthi,Ch Sindhu P Samanvita,P Sai Keerthana	<b>(Scopus +WOS)</b>

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22.	Sree Amrutha Valli Kuppa,M. Sai Hrithik Reddy,A. Sanjana,J. Sridevi,V. Usha Rani	Design and Development of Smart Wheel Chair	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Sree Amrutha Valli Kuppa,M. Sai Hrithik Reddy, A. Sanjana	<b>(Scopus +WOS)</b>
23.	Vinay Kumar Awaar,M N Sandhya Rani,G Sandhya Rani,Pravardh Naragani,Sasidhar Talluri,Satya Sreyas Vakkalanka	Design and Development of a Three Phase Induction Motor Drive using NI-myRIO	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	Pravardh Naragani,Sasidhar Talluri,Satya Sreyas Vakkalanka	<b>(Scopus +WOS)</b>
24.	M. Sai Hrithik Reddy, Sree Amrutha Valli Kuppa, A. Sanjana, J. Sridevi, V. Usha Rani	Design and Development of Front fork for Electric Tricycle	2022 IEEE 2 <sup>nd</sup> International Conference on Sustainable Energy and Future Electric Transportation(SeFet)	August 2022	M. Sai Hrithik Reddy, Sree Amrutha Valli Kuppa, A. Sanjana	<b>(Scopus +WOS)</b>
25.	Dr. D.S. Naga Malleswara Rao ,Rishi Sundara , R. Vamshi Krishna , M. Ayyan Varma , S. Srujan , B. Sai Prasad	State-of-the-art Analysis on the Design Parameters of Distributed Transformer using IoT	6 <sup>th</sup> International Conference on Intelligent Computing and Control Systems  (ICICCS 2022)	2022	Rishi Sundara , R. Vamshi Krishna , M. Ayyan Varma , S. Srujan , B. Sai Prasad	<b>Scopus</b>
26.	AVinay Kumar,Abignya R,K Goutham,Y Shiva Parasad,&M Anurag	Weight-Based Object Segregation Using 5 DOF Robotic arm	Advances in Modelling and Optiization of Manufacturing and Industrial Systems	2023	Abignya R,K Goutham,Y Shiva Parasad,&M Anurag	<b>Scopus</b>