


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**
**ACADEMIC YEAR 2022-2023**

S.No	Applicant Name(s)	Inventor Name(s)	Title of the Patent	Application No. & Patent Filed Date	Status
<b>INDIAN/INTERNATIONAL PATENT GRANTED</b>					
1.	KCG College of Technology/HITS	Sakthi, B. Brindha and Sundari, P. Deiva	An Induction Heating Device And its Working Method	2021103244 & 10/06/2021	Granted on 20/04/2022
2.	KCG College of Technology/HITS	Karthikeyan, K., Deivasundari, P, Mothilal	A Pulsed Direct Current (PDC) Fed Electrocoagulation System and Method for Waste Water Treatment	2021103245 & 10/06/2021	Granted on 16/06/2022
3.	R.Patrick Pious A.Ananya S.Rajesh P.Deiva Sundari	R.Patrick Pious A.Ananya S.Rajesh P.Deiva Sundari	Renewable energy supporting DC ceiling grid	1860/CHE/2015 &10/08/2015	Granted on 04/08/2021
4.	KCG College of Technology of	Jacob, Annie; Sundari, P. Deiva; Anuradha, T.; Murugan, R. and Tony, A. Arvin	A Process for Designing of Cyber Physical Controller For Optimal Dispatch Of Virtual Power Plant	2021101655 & 30/03/2021	Granted on 05/05/2021
5.	G, Jeyalakshmi Mrs; G., Ayiswarya. Mrs;	K., Haribabu; K., Suresh Kumar; K., Karthikeyan;	Electric Vehicle Charge Management and Monitoring	2020102995 & 24/10/2020	Granted on 17/11/2021

	G., Kannayeram Dr; J, Durai Mr; K, Haribabu Dr; K, Karthikeyan Dr; K., Suresh Kumar Dr; M, Sivaprakash Dr; R, Ramya Mrs; R, Vijai Mr; S, Boopathi Dr; S, Kaliappan Mr	M., Sivaprakash; S., Boopathi; G., Kannayeram; G., Jeyalakshmi; R., Vijai; G., Ayiswarya.; R., Ramya; J., Durai; S., Kaliappan	system Based IoT		
<b>INDIAN COPYRIGHT GRANTED</b>					
1.	KCG College of Technology, Ms. R. Gayathri, Hareesh Rajan S.V, Jokins Bright Samuel.J, Kanimozhi.A	Ms. R. Gayathri, Hareesh Rajan S.V, Jokins Bright Samuel.J, Kanimozhi.A	Automatic Phase Sequence Corrector in Motor	5/2022-CO/L & 01/01/2022	Copyright Granted on 16/06/2022
2.	KCG College of Technology, S Gowtham, Ammal Dhanalakshmi, Dr.P.Deiva Sundari	S Gowtham, Ammal Dhanalakshmi, Dr.P.Deiva Sundari	Modelling and Experimentation of Modified Cascaded Multilevel Inverter with Optimized Output	18644/2021-CO/L & 07/08/2021	Copyright Granted on 29/10/2021
3.	KCG College of Technology , R Gayathri P Deiva Sundari	R Gayathri P Deiva Sundari	An Overview of Electrical and Thermal Analysis of Insulation Properties of Different Transformer Oils	18644/2021-CO/L & 07/08/2021	Copyright Granted on 29/10/2021

INDIAN PATENTS FILED					
1.	KCG College of Technology	Diya Agarwal .D ,Sriram .R Vaishnavi .D, Jitha Varghese, B Brindha Sakthi	Gprs Based Secured Coastal Border Alert System (CBAS) For Fishermen	202241051546 & 09/09/2022	Complete Specification & Form 18 on 09/09/2022
2.	KCG College of Technology	S.Balaji, Dr.T.Anuradha, Dr.P.Deiva Sundari, M.Ramya	Low Cost Hybrid Power Lighting And Navigation System On Boat For Fishermen community	202241051545 & 09/09/2022	Complete Specification & Form 18 filed on 09/09/2022
3.	KCG College of Technology	Karthikeyan K, Lavanya M, Suganya A V	Automated Fry Machine For Micro Industry	202241052426 & 14/09/2022	Complete Specification & Form 18 filed on 14/09/2022
INDIAN PATENTS FER RECEIVED & REPLY FILED					
1.	KCG College of Technology	Subash Chandra Bharathi P.Deiva Sundari SaiAkshaiya S Sangeetha D Vishali.D	Fail-Safe Protection System In Vehicles Using Smart Helmet	201741023012 & 30/06/2017	FER Reply Filed on 24/07/2022
2.	KCG College of Technology	Ms. Thanu James M. Balamurali R. Shinto M. Venkatesan S. Nandhagopal	Water Management System Using Internet-Of-Things (IoT)	201741023003 & 30/06/2017	FER Reply filed on 11/09/2022
3.	KCG College of Technology	M.Karthik velan V.Keerthana T.Alamelumangai A.Arvin tony	Smart Blind Stick	201941053952 & 26/12/2019	FER Received on 17/10/2022.
4.	KCG College of Technology	P S Mayurappriyan, P Naveen Honest raj, S	Energy Efficacy Using Raspberry Pi	201741023010 & 30/06/2017	Reply filed on 10-04-2022

		Naveen Kumar, J Nixon Manuel			
5.	KCG College of Technology	Gayathri R, Ashish A, Abraham Joshua Abraham Thomas Prasanalakshmi V Ramya R	Smart Railway Platform	201741023020 & 30/06/2017	Reply filed on 22-09-2021