

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Patent/ Design/ Copyright

S.No	Academic Year	Type of IP (Patent / Design/ Copyright)	Applicant's Name	Inventor's name	Affiliation of the inventor with email	Title	Application No. & IP Filed Date	IP Status (Filed/ Published/ Granted/ Licensed)
1.	2023-24	Patent	Dr.S.Umamaheswari	Sri Suvetha.C.S, Harine.M.S, Nivetha.K.K	KCT	Crop monitoring device and its method thereof between	202441038956 & 08.03.2024	Filed on 17.05.2024
2.	2023-24	Patent	Dr.K.Thilagavathi	Dr.M.Nirmala ,Dr.K.Thilagavathi,	KCT	Automatic CAN water Dispenser with self balancing Mechanism	202441008877 & 9.02.2024	Published on 16.02.2024
3.	2023-24	Patent	Dr.K.Thilagavathi	Dr.M.Nirmala, Dr.K.Thilagavathi, Ms.Maithili P ,Ms.Jasmine.K, Mrs.G.Anushree	KCT	Auto Temperature Control of Furnace Using Intelligent Modular Controller	202441007891 & 6.02.2024	Published on 08.03.2024
4.	2023-24	Patent	Dr.K.Thilagavathi	Dr.R.Suresh Kumar,Dr.M.Nirmala, Dr.K.Thilagavathi,Mr. N.Hariharan,Ms.Manju. K,Mr.Maniprabhu K,Mr.Muniyappan R,Mr Harinesh J,Mr Nandeshwaran N	KCT	Design And Implementation of Virtual Control In Industrial Automation.	202441019810 & 18.03.2024	Published on 31.05.2024
5.	2023-24	Patent	Dr. Sudipta Banerjee	Dr. S. Chamundeswari, Dr. P. Mynar Babu, Dr. M. Koilraj	KCT	Smart Solar Pump for Sustainable Agriculture	202441031075 A & 18.04.2024	Published on 26/04/2024

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				Gnanadason, Dr. Ch. Asha Immanuel Raju, Dr. Koushik Sarkar Dr. Koushik Sarkar				
6.	2023-24	Patent	Prasanna Kumar S	Prasanna Kumar S	KCT	IOT enabled Silicon Photonic interconnect for Network monitoring system	402987-001	Published on 23.12.2023
7.	2023-24	Patent	Dr.S.A.Pasupathy	Dr.S.A.Pasupathy	KCT	Function Control Device for industrial sewing machines	201741023777 6.7.2017	Granted on 19.9.2023
8.	2022-23	Patent	Dr. Ramalatha Marimuthu	Dr. Ramalatha Marimuthu M.Sibi Sangamesh J.Sanjay Venkatesh Sujith Roy et al	KCT	Improved Ankle Foot Orthosis	201841002214 & 19.01.2018	Granted on 06.02.2023
9.		Patent	Kumaraguru College of Technology	Mr.Karthikeyan R Mr.Jeyanivedita J	KCT	System For Ultra-Wide Band Based Real-Time Location Sensing	202241061737 & 29.10.2022	Provisionally Filed
10		Patent	Kumaraguru College of Technology	Ms.S.Umamaheswari Ms.S.Sasikala Ms.B.V.Dharanikrishna Mr,S.Harish, Mr.C.Kavinprabhu	KCT	Identification of Fresh Organic Fruit Using Non-Invasive Technique	202241052350 & 13.9.2022	Published on 23.09.2022
11		Patent	Kumaraguru College of Technology	Ms.Lokitha Thangavel Ms.Nithyaa Shri R B Mr.S.Arun Kumar Dr.S.Sasikala	KCT	Smart blind assistance for visual and vocal impaired people	202241051507 A & 09.09.2022	Published on 16.09.2022

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12		Copyright	Prasanth A	Mr.A.Prasanth Mr.S.Praveen kumar Ms.K.Sharon Jenefor Ms.Jaspar Vinitha Sundari	KCT	ALU Design of Fubet alpha 8-bit CPU	13480/2022-CO/A &23/06/2022	
13	2021-22	Patent	Kumaraguru College of Technology	Mr. J Darshan Kumar Mr. M Mathankumar Dr. S A Pasupathy Ms. G Anushree Dr. N Vinothkumar Dr. Rani Thottungal Mr. S Suryaprakash	KCT	Design and Development of Smart Drone for Agricultural Sprayer	202241020375 A / 05.04.2022	Published on 15.04.2022
14		Patent	Mohana Geetha	Sophia S Muneera Begum.H Mohana Geetha D Amsaveni A Anusha K et al	SKCET SKCET SKCET KCT KCT	An Intelligent Clean Rainwater Harvesting System with IOT Interface	202141039901 A/ 02.09.2021	Published on 24.09.2021
15		Patent	Dr. Rani Thottungal Dr. N. Prakash Dr. B. Vaikundaselvan	Dr. Rani Thottungal Dr. N. Prakash Dr. B. Vaikundaselvan Dr. R. Kannan Dr. P. Gomathi Dr. M. Maheswaran Dr. P. Raghunayagan	KCT	A Dual Rotor Permanent Magnet Generator Using Finite Element Analysis (FEA) Tool	202141037737 A & 19.08.2021	Published on 27.08.2021

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16		Patent	Navaneethakrishnan R Nekilesh. S Indrajith. N Dr.Ramalatha Marimuthu, Dr.Alagummenaakshi Ms.Nagarathinam Dr.S.N.Shivappriya Banu Priya S	Navaneethakrishnan R Nekilesh. S Indrajith. N Dr.Ramalatha Marimuthu, Dr.Alagummenaakshi Ms.Nagarathinam Dr.S.N.Shivappriya Banu Priya S	KCT	An Apparatus For External Manual With Automatic Transmission System And A Method Thereof	202141029333 & 30/06/2021	Provisionally Filed
17		Patent	Navaneethakrishnan R Kowsalya T Deekshaa B, Jayananden M, Nithyaa Shri R B, Moni Sree H	Navaneethakrishnan R Kowsalya T Deekshaa B, Jayananden M, Nithyaa Shri R B, Moni Sree H	KCT	Automated Voice Based Page Turner Device and Method Thereof	202141029382 & 30.06.2021	Provisionally Filed
18	2020-21	Patent	Mr.S.Boopathy	Mr Sujin J S Mr.S.Ramkumar Mr.T.Sankaramorrthy Ms.T.Sowmya Mr.Mathankumar Mr.S.Boopathy	KCT	Smart on-board Safe Driving System	202041044168 A/ 09.10.2020	Published on 06.11.2020