

S.No.	Academic Year	Department	Application Number, Date of Filing Application & Publication Date	Name of the Faculty Member(s)	Title of the invention(s)
1	2017 to 2018	Mechanical	201741033877 A, 25/09/2017 & 06/10/2017	1) Nandha College of Technology 2) P.Manickavasagam 3)C.P.Santhosh Ananda 4) M.Abdul Rahaman 5)Satheesh-UG Student /Mechanical 6)Aman Kumar--UG Student /Mechanical 7) S.Gowtham-UG Student /Mechanical 8)V.Gowtham-UG Student /Mechanical 9)T.Jeevanantham-UG Student /Mechanical	Universal Power Plug
2.		Mechanical	201841003323 A, 02/02/2018 & 02/02/2018	1.J.Devaraj -UG Student /Mechanical 2)K.Gokul -UG Student /Mechanical 3)S.Kaviyaranan -UG Student /Mechanical 4)P.Kalaiyaranan -UG Student /Mechanical 5)U.Dinesh Kumar -UG Student /Mechanical	A Double Picks Insertion Loom

3.	2017 to 2018	ECE	201841004814 A, 08/02/2018 & 16/02/2018	Palanisamy Vinoth kumar	Cognitive Radio System Method And Apparatus For Distributing Processing Load For Decoding Radio Frequency Transmission
4.	2018 to 2019	Mechanical	201941005202 A, 09/02/2019 & 15/02/2019	1)C.Poovarasam-UG Student /Mechanical 2)B.Keerthiraja-UG Student /Mechanical 3)V.Tamilzharasu-UG Student /Mechanical 4)K.Kannan-UG Student /Mechanical	Smart Seat Belt System
5.	2018 to 2019	CSE	201941050822 A, 09/12/2019 & 27/12/2019	Dr.M.Vijayakumar	IVC-Detection Intelligent Vehicle Crash Detection using Machine Learning
6.	2019 to 2020	EEE	202041009026 A, 03/03/2020 & 06/03/2020	J.Kumaresan	Construction And Adjustment Of A Vibration Machine Based on A Complete Electric Drive
7.	2019 to 2020	Mechanical	202041015807 A, 11/04/2020 & 22/05/2020	P.Manickavasagam	Remotely Controlled Target Sheet Holding Apparatus
8.	2020 to 2021	ECE	202041054884 A, 17/12/2020 & 24/06/2022	1.D.Baskaran (Research Scholar & Associate Professor/ECE,NCT 2.Dr.J.Vijayakumar	Novel Electronic Cultivation Tool and Their usage in Agriculture

9.	2020 to 2021	Mechanical	202141018531 A, 22/04/2021 & 30/04/2021	1).R.Girimurugan 2)Dr.N.Senniangiri 3)B.Pitchia Krishnan	Optimum Parameter Selection and Prediction of Granite Solar Still
10.		Mechanical	202141021564 A, 13/05/2021 & 11/06/2021	R.Girimurugan	Sustaining Solar Distillation using Energy Storage Materials
11.	2021 to 2022	EEE	202141025592 A, 09/06/2021 & 25/06/2021	1)Dr.J.Kumaresan 2)S.Parthiban	IOT Based Mobile APP to control Home Appliances Remotely Ensuring Safety and Cost Reduction
12.	2021to 2022	CSE	202141057895 A 13/12/2021 & 17/12/2021	B.M.S.Javed Ahamed	A Smart IOT Based Air Cooler System with Touch Screen Display Unit
13.	2021 to 2022	IT	202141057748 A 21/01/2022	S.Devarajsamy	Employment Seeking System over the cloud using Machine Learning Approach
14.	2021 to 2022	ECE	202241006310 A, 07/02/2022 & 11/02/2022	1)Dr.R.Jayanthi 2)P.Vinoth Kumar	New Computer Health Update Software Technology
15.		ECE	202241006319 A, 07/02/2022 & 11/02/2022	D.Gowthami	New Digital Software Technology To Identify The Variety Of Dangerous Virus

16.	2021 to 2022	EEE	202211027527 A, 13/05/2022 & 20/05/2022	1)S.Hemasilviavinothini 2)P.Hemalatha	Grid Monitoring Based Adaptive Electric Vehicle Charging System
17.	2022 to 2023	Mechanical	202241035488 A, 21/06/2022 & 24/06/2022	B.Pitchia Krishnan	Nanotechnology Based Water Purification System with Automated Assembly WAPURE
18.	2022 to 2023	ECE	202241059487 A 18/10/2022 & 28/10/2022	1)Dr.S.Parthiban 2)P.Vinothkumar 3)T.Rajkumar	Solar Drier Integrated with HSU for Crops
		Mechanical		1)B.Pitchia Krishnan	
19.		ECE	202241059986 A, 20/10/2022 & 18/11/2022	P.Vinoth Kumar	Design of Automatic Welding Machine
		Mechanical		1)B. Pitchia Krishnan 2)N. Viswanathan 3)V. Vimala 4)S.A.Srinivasan 5)T. Krishnamoorthi	
20.		ECE	202241066517 A, 19/11/2022 & 23/12/2022	P.Vinoth Kumar	Design of Four Slope solar Still
		Mechanical		1)K.Anandu 2)V.Abishek-UG Student/Mechanical 3)C.Sounder-UG Student /Mechanical	

21.	2022 to 2023	ECE	202241068297 A 28/11/2022 & 23/12/2022	1)Dr.R.Jayanthi 2) P.Vinoth Kumar 3)D.Gowthami 4)S.Amsaveni	One Dimensional CNN-Based High Risk Maternal and Fetal Monitoring System with IoT
		CSE		1)V.S.Sureshkumar 2)R.Sudhakar 3)S.Thiruvekatasamy	
22.	2022 to 2023	EEE	202241071811 A 13/12/2022 & 30/12/2022	S.Hemasilviavinothini	Recognition of emotions in real-time for customer service using Deplens Face Detection Application

**Design Patent Published:**

	Academic Year	Department	Application Number, Date of Filing Application & Publication Date	Name of the Faculty Member(s)	Title of the Design(s)
1.	2022 to 2023	CSE &IT	Design No:328195-001, 13/03/2020 & 11/11/2022	1)Dr.S.Nandagopal, Professor/CSE 2)Dr.P.Saveetha,Professor/IT 3)T.Sureshkumar ,AP/IT 4)T.Krishnakarthik, AP/IT 5)K.C.Rajavenkateswaran, AP/IT 6)E.Prabhakar, AP/CSE	VR Headset for Smart Phones

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<b>S.No.</b>	<b>Academic Year</b>	<b>Department</b>	<b>Diary Number, &amp; Date</b>	<b>Name of the Faculty Member(s), Designation, Department</b>	<b>Title of the Copyright(s)</b>
1.	2021-22	ECE & Mechnaical	6079/2022-CO/SW	B. Pitchia Krishnan,AP/Mech,NCT P.Vinothkumar,AP/ECE,NCT	Vapour Compression System Simulator(VACSI)