



Department of Electronics and Instrumentation Engineering

Patent Details

Patents Filed & Published: 23-24 & 22-23

S. No.	Country & Patent No.	Name of the Inventor(s)	Title	Date of Filing of Patent	Date of publication
1	202341053554A	1)Anirudhan Adukkathayar C. 2)Dr. Chithra K 3)Ismail Keshta 4)Gnanaprakasam C. N. 5)Dr. Shikha Kumari Pandey 6)Dr. Haewon Byeon	An Image processing and Deep Learning Based system for advertisement	10/08/2023	01/09/2023
2	202341051699 A	1)Mr.Gude Ramarao 2)Dr.P.Thangavel 3)Ms.Y.Meghamala 4)Dr.P.Deepa 5)Ms.A.Naga Kalyani 6)Mrs.Archanareddy Vuppula 7)Mrs.Kavita Janardan Kolpe 8)Dr.Kammili Jagan Mohan 9)Dr.Asmita Manna 10)Mr.Anandbabu Gopatoti	Novel Classification Model for Infected Tree Leaves Classification using Deep Convolutional Neural Network	01/08/2023	01/09/2023
3	Indian Patent 202341031913 A	1)Dr. B.Vijaya Prakash 2)Dr. S. Ranganathan 3)Mr. L. Vetrivendan 4)Mr. Mohan S R 5)Dr. P. Suresh 6)Dr. B.Senthil Kumar 7)Mr. M.Hariprabhu	Voice Based Product Recognition For Visually Impaired	04/05/2023	23/06/2023
4	Indian Patent 202341028982 A	1)R. Sivakumar 2)S. Bala Naresh Manikandan 3)T. Cibi Chakkaravarthy, 4)Varsha Varghese	Edu go: a visual positioning system-based augmented reality navigation Guide for educational institutions	21/04/2023	16/06/2023
5	UK Design number: 6274599 (Adam Williams Comptroller- General of Patents, Designs and Trade	Dr.Valli Madhavi Koti, Mr.Gunna Kishore, Mr.Tarun Jaiswal, Dr.P. Deepa	Autonomous seeding robot in agriculture	07/04/2023	20/04/2023 (Grant Date)

	Marks)				
6	Indian Patent 202221069879 A	1)Vinay Nagarad Dasavandi Krishnamurthy 2)Ms. Swati Atre 3)Renato R. Maaliv III 4) Dr. S. Meena 5)Deep Chatterjee 6)Prasanta Pratim Bairagi	A Novel Method For Preparing Data For Processing By Artificial Intelligence And Machine Learning Systems	:04/12/2022	16/12/2022
7	Indian Patent 202241069191 A	1)Mohamed J. Saadh 2)Dr. Arun R. Nair 3)Abdelhamid ZAIDI 4) R. Angel Sujitha 5)Dr. Tariq Hussain 6)Dr. Sheshang Degadwala	Cloud Based Technique Integrated With Artificial Intelligence To Predict The Heart Diseases In Advance And Avoiding The Sudden And Massive Heart Attacks	:30/11/2022	9/12/22
8	Indian Patent 202241066973 A	1) Gnanaprakasam C. N. 2)Mukta Sandhu 3)Roopadevi B. Birajdar 4)Dr. Shilpa Prashant Kodgire 5)Dr. Shikha Kumari Pandey 6)Rajendran Shobha Ajin	Smart IOT based system integrated with Artificial Intelligence Framework for Prediction of Air and Water Pollution	:22/11/2022	:25/11/2022
9	Indian Patent 202241062936 A	1) Natarajan hariprasad 2) D Dinesh Kumar 3)G.Lathaselvi 4)D Sankaran 5)A K Nambi Ezhilarasu 6)Veena M 7)B Kumaran 8)Kamalesh S 9)Padmavasan A 10)Periyasamy Shiva	A Novel Method for Manufacturing Kajal using Cow dung and Coconut Shell	:03/11/2022	:18/11/2022
10	Indian Patent 202241047499 A	1)Dr.C.S.Boopathi 2)Mrs.Jyothi Prasad 3)Ms.Priyanka Koduru 4)Dr.C.Balarengadurai 5)Dr.V.Lokeswara Reddy 6)Mrs.Bingi Manorama Devi 7)Mrs.V.Sudha 8) Dr.P.Deepa 9)Dr.Animesh Kumar Sharma 10)Dr.Chinnala Balakrishna	A METHOD AND SYSTEM FOR COLLABORATIVE SECURITY KEY GENERATION FOR AD- HOC INTERNET OF THINGS (IOT) NODES	:20/08/2022	:26/08/2022

Patents Filed & Published: 21-22

S. No.	Country & Patent No.	Name of the Inventor(s)	Title	Date of Filing of Patent	Date of publication
1	Indian Patent 202141001881	1 . Mr. A.Udhayakumar 2 . Mrs. Varsha Rahul Dange 3 . Mrs.Asmita Adhikar Pawar 4 . Mrs. Anita Laxman Devkar Shingade 5 . Dr. M.Ramesh 6 . Ms. M.Tamilnidhi 7 . Dr.B.Senthil Kumar 8 . Mr.Rahul Bhaurao Diwate 9 . Dr. Manish Kumar 10 . Shekhar 11 . Dr. Seema Tinker 12 . Mrs.Rupali S. Patil	Emotional Communication Based Infant Facial Expression Monitoring System	15/01/2021	22/01/2021
2	Indian Patent 202141020741	1 . Dr.S.Sridharan 2 . Dr.Gnanaprakasam C N 3 . Mr.D.Dineshkumar 4 . Mrs.M.Nivethitha Devi 5 . Mr.D.Sankaran 6 . Mr.R.Elavarasan 7 . Dr.P.Velmurugan 8 . Dr. G. Brindha 9 . Mrs. J. Gnanasoundharam 10 . Dr C.Pandeeswaran	Framework for Stability and Risk Analysis of Electrical Locomotive Power line System under Heavy risk situations	06/05/2021	14-05-2021
3	Indian Patent 202141047247	1 . Dr. Gnanaprakasam C N 2 . Mohit Pandya 3 . Dr. Kartik N. Shinde 4 . Dr. Harish Chandra Joshi 5 . Dr. Nitika Garg	A low cost Blue Emitting EC 2 + Activated phosphor for new excited welds and solar cell.	18-10-2021	29/10/2021
4	Indian Patent 202121046052	1 . Mrs. Kretika Tiwari 2 . D. Dinesh Kumar 3 . Dr Arun Khatri 4 . Dr Karamath Ateeq 5 . Dr. Abolfazl Mehbodniya	A Diseased Person Identification And Tracking System Based On Block Chain And IoT	08/10/2021	29-10-2021
5	Indian Patent 202141049341	1 . R. Elavarasan 2 . IRFANKHAN IQBALBHAI POLADI 3 . Malik Mustafa 4 . Tien Anh Tran 5 . Dr. R. Karthikeyan 6 . B Rasina Begum	Method For Recognizing Abnormal Activity In Vehicles Through The Use Of Artificial Intelligence And Machine Learning	28/10/2021	05/11/2021
6.	Indian Patent 202141049230	1 . Dr. V. VIJAYAN 2 . Dr. Shibili Nuhmani 3 . Simi Afroz	Sensor based intelligent Gadget for early detection heart abnormalities in	27/10/2021	05/11/2021

		4 . Jamshed Ali 5 . Dr. Ashok Kumar Sah 6 . Dr. M. Sangeetha	patients		
7.	Indian Patent 202141050782	1 . Rajib Guhathakurta 2 . Dr. Padavala Sai Prasad 3 . Mr. D. Sankaran 4 . Dr. Ashok Kumar 5 . Yogesh Kumar Rathore 6 . Dr. Avijit Bhowmick	Rfid Based Vehicle Identification System And Access Control Into Parking	05/11/2021	19/11/2021
8.	Indian Patent 202141050174	1 . Mrs. J. Gnanasoundharam 2 . Mrs. Nivethitha Devi M 3 . Sumit Kumar 4 . Dr. M. Chandran 5 . Dr. Parvinder 6 . Dr Ihtiram Raza Khan	An Cloud Computing Enabled 5g Wireless Sensor Network Comprises Iot Sensor For Smart City	01/11/2021	19/11/2021
9.	Indian Patent 202141050781	1 . Dr. G. BRINDHA 2 . Dr. Manish Joshi 3 . Tien Anh Tran 4 . Dr. Sumegh Shrikant Tharewal 5 . Dr. Kalpana Sengar 6 . Dr. Siddhartha Roy	A Block Chain-based System And Method For Personal Identity Verification	05/11/2021	19/11/2021
10.	Indian Patent 202141050949	1 . Natarajan hariprasad 2 . Kirthini Godweena A 3 . Angelin Ponrani M	A Novel method for Aircraft Pitch Control	08/11/2021	10/12/2021
11.	Indian Patent 202141048076	Natarajan hariprasad	A system for emotion recognition using speech signal	22/10/2021	17/12/2021

Patents Filed & Published: 20-21

S. No.	Country & Patent No.	Name of the Inventor(s)	Title	Date of Filing of Patent	Date of publication
1.	Indian Patent 202041033273	Dr. E. DHIRAVIDACHELVI Dr. E. ANNA DEVI Dr.E.AHILA DEVI Ms. E. JAYANTHI Ms.I.S.SUGANTHI Mr. J.RAJA Mr. NAVEENKUMAR SUBRAMANIAM Dr.P.DEEPA	Vehicular Edge Computing Using A Smart Embedded System For Intelligent Transportation	03/08/2020	21/08/2020
2.	Indian Patent 202141016773	1. Dr.P.Pattunnarajam 2 . Dr. B Yamini 3 . Dr. S. Meena	Low complex security mechanism for implantable medical devices against	09/04/2021	23/04/2021

		4 . Mrs. Meenakshi Shunmugam 5 . Dr.A. Jesudoss 6 . Dr.M.Mercy Theresa	non-repudiation violations		
--	--	---	----------------------------	--	--

Patents Filed & Published: 19-20

S. No.	Country & Patent No.	Name of the Inventor(s)	Title	Date of Filing of Patent	Date of publication
1.	Indian Patent 201941017349A	Venkatesan, Rajinikanth	Disease Diagnosis System Based on Electromyography	01/05/2019	17/05/2019
2.	Indian Patent 201941023060	Dr.N. Sri Madhava Raja, K.Revanth	Indicative Phonological And Visual Recognition System	11/06/2019	05/07/2019
3.	Indian Patent 201941033653	Dr. K. Sundaravadivu	A Method For Stress Identification	21/08/2019	06/09/2019