

SRI VENKATESWARA COLLEGE OF ENGINEERING

Patents submitted to IPR in the year 2018-2019 : 5

S.No.	Name of the Applicants	Name of the Inventors	Title	Application Number and Patent filed date	Current status
1.	Dr R Anitha Computer Science and Engineering	Dr R Anitha Mr.C.Muralidharan, Ms. P.Vinothiyalakshmi Ms. T Padmavathy.	Search & Place Filter(SPF) - A Probabilistic Data Structure for Virtualization	201841038564 on 2.11.2018	Published 2/11/2018
2.	Dr C Jayakumar Computer Science and Engineering	Dr C Jayakumar and Dr T P Rani	Trust aware replica detection using localization and unique identity in Wireless Sensor Networks	201841002060 16.11.2018	Published 16/11/2018
3.	Dr P Jothilakshmi Ms B Hemalatha Electronics and Communication Engineering	Dr P Jothilakshmi Ms B Hemalatha	Frequency Reconfigurable Microstrip Antenna for Satellite Applications	201841019573 On 25.5.2018	Published 8/3/2019
4.	Sri Venkateswara College of Engineering Electrical and Electronics Engineering	Mr M Rajvikram Leoponraj.S and Ram Kumar. S	Heat absorption and Dissipation Methodology for abatement of febricity in solar photovoltaic panel	201941002414 21.1.2019	Published 21/1/2019

5.	Dr C Gopinath Electrical and Electronics Engineering	Dr C Gopinath, Mr T Annamalai, Dr C Yaashuwanth Ms Anitha	Design and Development of Precision Agro-Kiosk(PAK) unmanned Aerial Vehicle(UAV)	24.5.2019	Published 24/5/2019
-----------	---	--	---	-----------	--------------------------------------

Patents submitted to IPR in the year 2019-2020 (5)

S.No.	Name of the Applicants	Name of the Inventors	Title	Application Number and Patent filed date	Current status
6.	Dr N M Balamurugan Computer Science and Engineering	Dr N M Balamurugan	An Apparatus and Method of Artificial Intelligence Security Wearable System with Internet of Things	201941031483A 30.8.2019 Page Number: 39627	Published 30/8/2019
7.	Dr G A Sathish Kumar Electronics and Communication Engineering	Dr G A Sathish Kumar Ms C T Poomagal	A Hardware Implementation of Secret Key Generation using multiple chaotic maps with secure hash algorithms for 5G and beyond Applications	6.9.2019 Page No.40640 Patent Journal No.36/2019	Published 6/9/2019
8.	Sri Venkateswara College of Engineering Electronics and Communication Engineering	Dr S Ganesh Vaidyanathan and Mr S Ashwin	An Intelligent Emergency Vehicle Identification, Traffic Light Management and Analysis system	201841010521 On 22.3.2018	Published
9.	Sri Venkateswara College of Engineering	Dr C Anand Babu, Mr R Sandeep Kumar and Dr SMuthukumar	Instant Electronic call informer Device	201841016897 On 4.5.2018 Pub: 8.11.2019	Published 8/11//2019

10.	Sri Venkateswara College of Engineering Chemical Engineering	Dr C Anand Babu, Ms S Swathi, Mr L S Bhadri Narayanan and Dr N Meyyappan	Laboratory Scale invertible and Constant flow Resin	201841015962 On 27.4.2018 Pub: 1.11.2019	Published 1/11/2019
------------	--	--	--	--	--------------------------------

Patents submitted to IPR in the year 2020-2021 (11)

S.No.	Name of the Applicants	Name of the Inventors	Title	Application Number and date on which Patent filed	Status
11	Dr M Gajendiran Mechanical Engineering	Dr. M Gajendiran	IOT based intelligent pesticide man machine system for agricultural purposes	202041022818 12.06.2020	Published Jr.24/2020
12.	Dr R Ramesh Mechanical Engineering	Dr R Ramesh Dr C Senthamaraikannan	Design and Development of Higher order device with adjustable deflection corrective Mechanism	201841015943 27.04.2018	Published Jr.50/2019 13.12.2019
13.	Mr S Arumugam Mechanical Engineering	Dr K Gurusami Mr S Arumugam Mr P Subbarayudu Mr D Jayakumar Dr N Nandanasabai	Method and System to increase tool by life by Six Sigma	202041045624 30.10.2020	Published Jr.44/2020 30.10.2020
14.	Dr S Arumugam Mechanical Engineering	Dr K Gurusami Dr S Arumugam Dr N Nandanasaba Mr D Jayakumar Mr P Subbarayudu	Lead Time Reduction Through Lean Techniques	202041055982 23.12.2020	Published 23.12.2020

15.	Dr Kalyana kiran Kumar, Dr Pramod Kumar Gouda, Dr R S R Krishnam Naidu, Mr Prasad Chongala , Dr C Gopinath Mr G Senthil Murugan	Dr Kalyana kiran Kumar, Dr Pramod Kumar Gouda, Dr R S R Krishnam Naidu, Mr Prasad Chongala , Dr C Gopinath Mr G Senthil Murugan	Solar based Smart water purification System in the ground water	202041032258 28.7.2020	Published 7.8.2020
16.	Mr G Senthil Murugan Dr C Gopinath	Mr G Senthil Murugan Dr C Gopinath	System for Monitoring and alert user about pandemic in real time and method thereof	202041048989 dated 10.11.2020	Published 20.11.2020
17.	Dr K Gurusami, Dr M Suresh, Dr P Suseela, Dr G Manimaran Dr S Arumugam	Dr K Gurusami, Dr M Suresh, Dr P Suseela, Dr G Manimaran Dr S Arumugam	System and method to improve Manufacturing using CMS	202141003788 28.01.2021	Published 5.2.2021
18.	Sri Venkateswara College of Engineering Biotechnology	Dr. S. Prabhu, Ms. A. Punithavathi Ms V. Sandhya Mr. A.C. Atul	Entrapment of Mangiferin Polyphenol in PLGA nanoparticles for Treatment of Lung Cancer	201941036882 13.9.2019	Published 19.3.2021
19.	Mr Deepak Raju, Mr Abhishek Mohan, Dr P Janarathanan, Dr A Kavitha Mr K Pavithran	Mr Deepak Raju, Mr Abhishek Mohan, Dr P Janarathanan, Dr A Kavitha Mr K Pavithran	Deep Learning Approach to Attack Handling of IoT Enabled Network Services	202041037478 11.9.2020	Published 11.9.2020
20.	Mr S Domi Evangeliene Dr G Usha Dr P Madhavan Dr S Kannimuthu Mr S Ramraj	Mr S Domi Evangeliene Dr G Usha Dr P Madhavan Dr S Kannimuthu Mr S Ramraj		202041043760	

	Mr H karthikeyan Mr N A S Vinoth Mr M V Ranjithkumar Dr K R Jothi Dr T Sukumar	Mr H karthikeyan Mr N A S Vinoth Mr M V Ranjithkumar Dr K R Jothi Dr T Sukumar	Nash Equilibrium-Based Solution for formjacking in crowd sensing Network	Filed on 12.5.2021	Published 16.6.2020
21.	S.Om Prakash, C.R Rathish, K.Karpagavadivu, N.A.Natraj, P Ashok , and V Jayaraj	S.Om Prakash, C.R Rathish, K.Karpagavadivu, N.A.Natraj, P Ashok , and V Jayaraj	Real Time Monitoring and Tracking of Motor Vehicles Using IOT	202011050686A 21.11.2020	Published 21.11.2020

Patents submitted to IPR in the year 2021-2022 (22)

S.No.	Name of the Applicants	Name of the Inventors	Title	Application Number and date on which Patent filed	Status
22.	Mr S Gokulakrishnan, Mr A R Guru Gokul, INT Ms N Devi, INT Ms P Leela Rani, INT Dr S Sathya, Dr C Sunitha Ram, Dr N Kumaran, Mr J Shyam Mohan Ms E Padma	Mr S Gokulakrishnan, Mr A R Guru Gokul, Ms N Devi, Ms P Leela Rani, Dr S Sathya, Dr C Sunitha Ram, Dr N Kumaran, Mr J Shyam Mohan Ms E Padma	A Method for Efficient and Faster Machine Learning Technique	202141017893 17/04/2021	Published 11/06/2021
	Dr S Jegan, Mr A Thiagarajan, INT Ms M Revathi, C P Jetlin,	Dr S Jegan, Mr A Thiagarajan Ms M Revathi, C P Jetlin,	IOT based elderly people activity	202141021548 12/5/2021	Published 11/06/2021

23	Dr K Deepak Thilak, Dr K Kalaiselvi, Dr K Gurunathan, Dr M Umaseelvi, Dr N Kalyana Sundaram, Mr N Nagarajan	Dr K Deepak Thilak, Dr K Kalaiselvi, Dr K Gurunathan, Dr M Umaseelvi, Dr N Kalyana Sundaram, Mr N Nagarajan	monitoring and Detecting unusual activity in Home		
24.	Dr J M Gnanasekar, CSE Mr S Prabhu Ms K Parkavi Mr S Palpandi Mr Gowtham Chinnaraju	Dr J M Gnanasekar, CSE Mr S Prabhu Ms K Parkavi Mr S Palpandi Mr Gowtham Chinnaraju	A Smart Mobile APP for fruit counting and yield estimation in farm using Image Processing Technique	202141021356 A Filed on 11/5/2021	Published 11/6/2021
25.	Rajeswari Rakappan Kavitha Algappan Gurumallesh Prabu Halliah Ananda Babu Sairam/APC	Rajeswari Rakappan Kavitha Algappan Gurumallesh Prabu Halliah Ananda Babu Sairam/APC	Preparation of Novel flower lipreparation of Novel flower like Structure Cu- ZnO/RGO composite film for Cytotoxicity activity against human embryonic kidney cell line (HEK293) E structure Cu ₀ ZnO/RGO composite film for cytotoxicity activity again	202141027599 Filed on 21/6/2021	Published 2/7/2021
26.	MPs A Sonya Ms S Hariprasath Dr S Kother Mohideen Mr Mohamad M Othman Dr B Praksah, INT Dr G Babu	Ms A Sonya Ms S Hariprasath Dr S Kother Mohideen Mr Mohamad M Othman Dr B Praksah Dr G Babu	Securing Patients Health Information using Attribute Based Encryption	202141029278 Filed on 29/06/2021	Published 16/07/2021
	Mr Rajib Guhathakurtha Dr Matam Mohan Babu	Mr Rajib Guhathakurtha Dr Matam Mohan Babu		202141042379	Published

27.	Dr G Muralikrishnan Dr Nalin kant Mohanty,EEE Mr S Senthilkumar Dr Swarnendu Kumar Chakraborty Ms Pragya Singh Tomar Ms R Uma Maheswari Dr Brahma Datta Shukla Dr Sunanda Das	Dr G Muralikrishnan Dr Nalin kant Mohanty Mr S Senthilkumar Dr Swarnendu Kumar Chakraborty Ms Pragya Singh Tomar Ms R Uma Maheswari Dr Brahma Datta Shukla Dr Sunanda Das	An Image processing and Deep learning Based System for Advertisement Communication	Filed on 19/9/2021	1/10/2021
28.	Ingeniouz Mr A Kumaraswamy, MEC Mr Bhaskar Kapoor Dr Sumanth Dr Nalini Kanta Sahoo Dr Chinmaya Keshari Sahoo Dr Banavanth Heeralal Dr Sujatha Mallapur Dr Jagadeesh Kumar Ega Dr Durgacharan Arun Bhagwat Dr Raghul Shivaji Prathibha Rahul Adnalk Mr V Gopu	Ingeniouz Mr A Kumaraswamy, MEC Mr Bhaskar Kapoor Dr Sumanth Dr Nalini Kanta Sahoo Dr Chinmaya Keshari Sahoo Dr Banavanth Heeralal Dr Sujatha Mallapur Dr Jagadeesh Kumar Ega Dr Durgacharan Arun Bhagwat Dr Raghul Shivaji Prathibha Rahul Adnalk Mr V Gopu	AI based Smart Touch less medicine dispensing System for Pharma Field	202141038793 Filed on 26/8/2021	Published 24/09/2021
29.	Dr M Shyamalagowri Dr A N Shankar Dr B Anuradha Dr R Thamil Magal Dr S Saira Banu Dr N R Sheela, APH	Dr M Shyamalagowri Dr A N Shankar Dr B Anuradha Dr R Thamil Magal Dr S Saira Banu Dr N R Sheela	Development of IoT based smart irrigation System	2021410470014 Filed on 18/10/2021	Published 29/10/2021

	Dr Parrakal Satishchandra Menon Dr S Sheeja Dr Mohan Rangam Kadiresan Dr A Sanjaygandhi Dr K Karthick Mr B Prakash Dr S Gnanasekaran Dr C Samson Jerold Samuel Mr S Sivanathan Mr E Immanuvel Bright	Dr Parrakal Satishchandra Menon Dr S Sheeja Dr Mohan Rangam Kadiresan Dr A Sanjaygandhi Dr K Karthick Mr B Prakash Dr S Gnanasekaran Dr C Samson Jerold Samuel Mr S Sivanathan Mr E Immanuvel Bright			
30.	Dr B Uma Mahaeswari Ms U Jhanani Shree Mr Ramprasad Maharana Ms R Bharathy Ms M Anitha Mary Dr B Meenakshi Dr S K Nandha Kumar Dr S Vijayanand, ECE Dr B Deepa Dr Muruganath Gopal Raj	Dr B Uma Mahaeswari Ms U Jhanani Shree Mr Ramprasad Maharana Ms R Bharathy Ms M Anitha Mary Dr B Meenakshi Dr S K Nandha Kumar Dr S Vijayanand, ECE Dr B Deepa Dr Muruganath Gopal Raj	Design of Pulse Oxygen Meter using IOT	202141060100 Filed on 22/12/2021	Published 28/01/2022
31.	Dr. Rabinarayan satpathy Dr. A. Sankaran, MAR Dr. Anurad Aeron Ms. Sujatha panda Mrs. Dharshana A Naik Mrs. Reddy Anuradha Dr. K.G.S. Venkatesan Dr. Sushma Jaiswal Mr. Tarun Jaiswal Mr. Hanumaji Kantari	Dr. Rabinarayan satpathy Dr. A. Sankaran, MAR Dr. Anurad Aeron Ms. Sujatha panda Mrs. Dharshana A Naik Mrs. Reddy Anuradha Dr. K.G.S. Venkatesan Dr. Sushma Jaiswal Mr. Tarun Jaiswal Mr. Hanumaji Kantari	Multifunction heat Transmission simulator with AI and Machine learning	202131039493 31/08/2021	Published 17/09/2021

32.	Sri Venkateswara Engineering College(SVCE), School of Engineering, University of petroleum and Energy Studies, Coimbatore Institute of Technology, Karthick Kumar R, MAR Deepak Kumar Dr. M. Velliangiri Darisa Guru Sai Joal Rathinam Saleth R. kiruba sagar Sneha. G	Sri Venkateswara Engineering College(SVCE), School of Engineering, University of petroleum and Energy Studies, Coimbatore Institute of Technology, Karthick Kumar R, MAR Deepak Kumar Dr. M. Velliangiri Darisa Guru Sai Joal Rathinam Saleth R. kiruba sagar Sneha. G	Modelling and Simulation of Self-Balancing Solar Energy storage System	202141043022 22/09/2021	Published 01/10/2021
33.	Dr B Praveen Kumar, CSE Dr T Rajasekaran, CSE Mr M Suresh Kumar, CSE Mr K Kumanan, CSE Mr P Selvamani, CSE Ms S U Muthunagai, CSE Ms R Iyswarya, CSE Ms S Poorani, CSE Mr Sanoj Chakkithara Subramanian, CSE	Dr B Praveen Kumar, CSE Dr T Rajasekaran, CSE Mr M Suresh Kumar, CSE Mr K Kumanan, CSE Mr P Selvamani, CSE Ms S U Muthunagai, CSE Ms R Iyswarya, CSE Ms S Poorani, CSE Mr Sanoj Chakkithara Subramanian, CSE	A Wireless Mobile device motion capture data mining system and Method	202241005021A Filed on 30/01/2022	Published 4/2/2022
34.	Sri Venkateswara College of Engineering	Dr C Gopinath, Associate Professor, with final year students Mr S Sanjay, Mr V Varun Vishal and mr J Vishal Khummar	A System and Method for efficient Lightning in Highways	202241007018 dated 10/2/2022	Published 25/2/2022
35.	Sri Venkateswara College of Engineering	Dr C Gopinath, Associate Professor	Electronic Device with multiple batteries	202241007374 dated 11/2/2022	Published 25/2/2022

			Assigned for multiple specific functions		
36.	Dr Dheeraj Kumar Dr Savita Goyal Aggarwal Mahesh Singh Khirwar Dr Shyam Govind Singh Dr Anandveer Singh Sindhu Mr G S Amal Dr Ishan Y Pandya Dr M Gajendran, MEC	Dr Dheeraj Kumar Dr Savita Goyal Aggarwal Mahesh Singh Khirwar Dr Shyam Govind Singh Dr Anandveer Singh Sindhu Mr G S Amal Dr Ishan Y Pandya Dr M Gajendran, MEC	Experimenting Filtration Technique for Carbon Particle Collector & Method thereof	202211014903 17/3/2022(Filed)	Published 1/4/2022
37.	Sri Venkateswara College of Engineering	Dr N R Sheela, APH Mr R Joshua Praveen, Mr B Bhavesh and Mr A Ajith, III year MEC	A Mechanism to Conserve water and prevent infectious Pathogens	202241024913 A 28/4/2022 (Filed)	Published 13/5/2022
38.	R. Govindarajan, Dr. S. Meilkandsivam, Dr.D.Vijayakumar, Dr.C.Gopinath	R. Govindarajan, Dr. S. Meilkandsivam, Dr.D.Vijayakumar, Dr.C.Gopinath, EEE	A System and Method for Energy Monitoring System Based on Cloud Computing	202241033217 10/06/2022 (Filed)	Published 17/06/2022
39.	Ms. K Sofiya Dayana Ms P Jeyaseeli Dr B Doraswamy Dr A Bhaskaran, Applied Physics Dr Mohd Atif Wahid Ms Pooja Kumari Dr T Krishnaiah Dr J Senthil Murugan Mr Ch Kodandaramu	Ms. K Sofiya Dayana Ms P Jeyaseeli Dr B Doraswamy Dr A Bhaskaran, Applied Physics Dr Mohd Atif Wahid Ms Pooja Kumari Dr T Krishnaiah Dr J Senthil Murugan Mr Ch Kodandaramu	Appliances for Solar Energy Generation and Saving using Tent energy storing	202241027850 14/5/2022 (Filed)	Published 3/6/2022

	Dr P Pasupuleti Subrahmanya Ranjit Dr B Prathish Raaja Dr V Kannan	Dr P Pasupuleti Subrahmanya Ranjit Dr B Prathish Raaja Dr V Kannan			
40	Dr A Prasanth, AP/ECE Dr S Vijayprasanth, Ms Divya Francis Ms C Kohila Ms N Lavanya Devi	Dr A Prasanth, AP/ECE Dr S Vijayprasanth, Ms Divya Francis Ms C Kohila Ms N Lavanya Devi	Power sharing & Eco- friendly smart connected Vehicle System Driven by Hybrid Renewable Energy	2022141036274 A 11/8/2021(Filed)	Published 20/8/2021 Jr. 34/2021
41	Dr A Prasanth, AP/ECE Ms M Namratha Dr P Muneeshwari Ms K Kavitha Ms K Saranya Mr D Ram Nivas Ms R Vaishnavi	Dr A Prasanth, AP/ECE Ms M Namratha Dr P Muneeshwari Ms K Kavitha Ms K Saranya Mr D Ram Nivas Ms R Vaishnavi	PHN-Device: IOT based ICU Patient Notification and Health Monitoring Device	202141053774 A 23/11/202 (Filed)	Published 10/12/2021 Jr. 50/21
42.	Mr China Raju Manda Dr .P Geetha, AP/CSE Ms. R K Kapilavani, AP/CSE Dr. V.Chelladurai Ms P.Malathi Mr T.Manochandar Mr. Kannadasan	Mr China Raju Manda Dr .P Geetha, AP/CSE Ms. R K Kapilavani, AP/CSE Dr. V.Chelladurai Ms P.Malathi Mr T.Manochandar Mr. Kannadasan	Real Time Agriculture Field Monitoring System Using IOT	202241020381 A 5/4/2022 (Filed)	Published 15/4/2022 Jr. 15/2022
43.	Dr M Mohanasundari Dr V Kannan Dr A Bhaskaran/APH Dr T Senthilnathan/APH	Dr M Mohanasundari Dr V Kannan Dr A Bhaskaran/APH Dr T Senthilnathan/APH	A Market study about Laser Toner	202241000405 Filed on 4/1/2022	Published 4/2/2022

	Dr Asish Gupta Dr S Praveen Kumar Dr P Sorubarani Dr G Bala Sendhil Kumar	Dr Asish Gupta Dr S Praveen Kumar Dr P Sorubarani Dr G Bala Sendhil Kumar			
--	--	--	--	--	--

Patents Published by IPR in the year 2022-2023 (31)

S.No.	Name of the Applicants	Name of the Inventors	Title	Application Number and date on which Patent filed	Status
44.	Dr R Kannadasan Sri Venkateswara College of Engineering	Dr R Kannadasan Sri Venkateswara College of Engineering	Multi-layer-multi-purpose smart waste management system using internet of things (IoT)	202241043847 1/8/2022 (Filed)	Published 5/8/2022
45.	Dr P K Praveen Kumar, BIO Dr Nikhat Farhana Dr S Thenmozhi Ms Bhawana Kapoor Dr S Srinivasan Dr Shubhajit Halder Dr Manoj Kumar Katual Dr Amarendranath Choudhury Dr Sunil Kumar Dr Deepika Kapoor Dr Harikumar Pallathadka	Dr P K Praveen Kumar, BIO Dr Nikhat Farhana Dr S Thenmozhi Ms Bhawana Kapoor Dr S Srinivasan Dr Shubhajit Halder Dr Manoj Kumar Katual Dr Amarendranath Choudhury Dr Sunil Kumar Dr Deepika Kapoor Dr Harikumar Pallathadka	Bacillus cereus can cause experimental endophthalmitis, which can be treated with Moxifloxacin with or without dexamethasone	202241040267 13/7/2022 (Filed)	Published 22/7/2022
46.	Mr K.Prabu, Dr.T.Padmavathy, CSE Ms.S. Janani, CSE Dr.V.Vignaraj Ananth Ms. R Jayabharathi R, Mr. Arunkumar Palanichamy, Ms. A. Abinaya,	Mr K.Prabu, Galgotias Dr.T.Padmavathy, CSE Ms.S. Janani, CSE Dr.V.Vignaraj Ananth Ms. R Jayabharathi R, Mr. Arunkumar Palanichamy, Ms. A. Abinaya,	IoT-driven AI Inference System for Home Energy Management System in Smart Cities	202241040139 A 13/7/2022 (Filed)	Published 22/7/2022

	Mr. Peerzada Hamid Ahmad, Dr.T.Manikandan	Mr. Peerzada Hamid Ahmad, Dr.T.Manikandan			
47.	Mr J. Sivaramapandian, AP/MEC Mr D Karthick Thangaraj Mr R Dhanasekaran/MEC	Mr J. Sivaramapandian, AP/MEC Mr D Karthick Thangaraj Mr R Dhanasekaran/MEC	Bund Forming Machine	Application No. 202041057382 31/12/2020(Filed)	Published 1/7/2022
48.	Mr. P R Venkat, II YEAR AI&DS, Department of Computer Science and Engineering, Mr.S.Subburaj Dr. D. Vinodha Dr.E A Mary Anita Ms. T Padmavathy, AP/CSE Dr A K Sujatha a.k Dr. J Jenefa Dr R Barona Ms.S Sajini	Mr. P R Venkat, II YEAR AI&DS, Department of Computer Science and Engineering, Mr.S.Subburaj Dr. D. Vinodha Dr.E A Mary Anita Ms. T Padmavathy, AP/CSE Dr A K Sujatha a.k Dr. J Jenefa Dr R Barona Ms.S Sajini	A Low cost and High Actuation Speed 3D Printed Prosthetic Arm	Application No. 202241047867 A 23/8/2022(Filed)	Published 2/9/2022
49	Final Year EEE students Mr A Ramanathan Mr N S Sribalajy, Mr M S J Irfan Abdullah, Mr M A Mohamed Ashiq Ilahi, Dr C Gopinath, ASP/EEE Mr D S Purusthothaman ASP/EEE	Final Year EEE students Mr A Ramanathan Mr N S Sribalajy, Mr M S J Irfan Abdullah, Mr M A Mohamed Ashiq Ilahi, Dr C Gopinath, ASP/EEE Mr D S Purusthothaman ASP/EEE	A System and Method for Ensuring Safe Drive in the Vehicle using Pollution less Ultrasonic Horn	Application No. 202241050738 A 6/9/2022(Filed)	Published 16/9/2022 Jr 37/2022

50.	Dr C Gopinath Dr D Ashokaraju, Dr P Prabhavathy and Mr Karthik Rajagopal, IV year ECE	Dr C Gopinath Dr D Ashokaraju, Dr P Prabhavathy and Mr Karthik Rajagopal, IV year ECE	Methods of Executing Multiple Functions by More than One Camera connected with Electronic Device	Application No. 202241054945 26/9/2022(Filed)	Published 7/10/2022 Jr.40/22
51.	Ms Rakhi Bakuli Dr Ponnu Kangeswari Dr P K Praveen Kumar/BIO Dr Abdul Rahman H Ali Dr Priti Nilesh Bhagat Prasanna Lohe Pranit Dinesh Thakare Mr. Jyotirmay Sarkar Mr. Soumitra Sahana Mr.J Logeshwaran Dr. V.Kannan	Ms Rakhi Bakuli Dr Ponnu Kangeswari Dr P K Praveen Kumar/BIO Dr Abdul Rahman H Ali Dr Priti Nilesh Bhagat Prasanna Lohe Pranit Dinesh Thakare Mr. Jyotirmay Sarkar Mr. Soumitra Sahana Mr.J Logeshwaran Dr. V.Kannan	Bio-medical imaging system for cancer screening using artificial intelligence	Application No. 202231059318A 17/10/2022 (Filed)	Published 21/10/2022
52.	Ms.V.Rekha Mr.K.Prabu Dr. B. Kanisha, Ms. Ajoe Sweetlin Jeena A/CSE Ms. R. Poorni/ CSE Ms. A. Abinaya, Mr Peerzada Hamid Ahmad, Dr.T.Manikandan	Ms.V.Rekha Mr.K.Prabu Dr. B. Kanisha, Ms. Ajoe Sweetlin Jeena A/CSE Ms. R. Poorni/ CSE Ms. A. Abinaya, Mr Peerzada Hamid Ahmad, Dr.T.Manikandan	Design System of Sensor Fusion with Machine Learning for the Detection of Dangerous Driver Behaviour	Application No.202241050930 6/9/2022 (Filed)	Published 16/9/2022
53.	Sri Venkateswara College of Engineering Dr M Prem Ananth, ASP/MEC Mr J Risikesh, Mr J Sidheswaren,	Sri Venkateswara College of Engineering Dr M Prem Ananth, ASP/MEC Mr J Risikesh, Mr J Sidheswaren,	Dual Shaft Leaf Shredder	Application No. 202241061116, 27/10/2022(Filed)	Published 4/11/2022

	Mr A V Shridharan, Final year UG/MEC	Mr A V Shridharan, Final year UG/MEC			
54	Mrs. Rupakesavan (AP/CSE), Mrs. Poorani S (AP/CSE), Dr. Anitha R (Professor & Head ?CSE), Ms. Nivedita VP (IV Year CSE), Mr. Sudarshan B (IV Year CSE), Ms. Neha Bhende (III Year CSE), Ms. Subasri G (III Year AI & DS) and Dr. L Vijayaraja	Mrs. Rupakesavan (AP/CSE), Mrs. Poorani S (AP/CSE), Dr. Anitha R (Professor & Head ?CSE), Ms. Nivedita VP (IV Year CSE), Mr. Sudarshan B (IV Year CSE), Ms. Neha Bhende (III Year CSE), Ms. Subasri G (III Year AI & DS) and Dr. L Vijayaraja	IoT based smart systems using ML and AI vulnerabilities and intelligent solutions	Application No. 202241070181 A, filed on 5/12/2022	Published 9/12/2022
55.	Dr. T. Sukumar, INT Mr S Swaminathan, Dr. G Venkat Babu Dr J Manikandan Mr A Mosses	Dr. T. Sukumar, INT Mr S Swaminathan, Dr. G Venkat Babu Dr J Manikandan Mr A Mosses	Multiple Sensor Data Fusion based Intruder Alert System employing IoT Embedded Module	Application No. 202241069344 Filed on 1/12/2022	Published 9/12/2022
56.	Dr R Hariharasuthan Dr T Gnanasambandan Dr A Bhaskaran, Professor and Head/APH SA Engg. College	Dr R hariharasuthan Dr T Gnanasambandan Dr A Bhaskaran, Professor and Head/APH SA Engg. College	Adsorption of Rhodamine B dye by using various compositions of Sorel Cement Ferric Chloride and their variation with temperature contact time PH and temperature and their results thereof	Application No. 202241068967 Filed on 30/11/2022	Published 9/12/2022

57.	Mr V R Vimal, AP/INT Dr N Kumartharan, Professor/ECE Dr P Anandan	Mr V R Vimal, AP/INT Dr N Kumartharan, Professor/ECE Dr P Anandan	OPTIMAL HOMOMORPHIC ENCRYPTION THEN VECTOR QUANTIZATION BASED COMPRESSION SCHEME FOR ECG SIGNAL CLASSIFICATION	Application No.202241070490 A Date of filing of Application :07/12/2022 (43) Publication Date : 30/12/2022	Published 30/12/2022
58.	Dr R Gopalakrishnan Mr G Arun , AP/CVE Mr R Mathiyazhagan, AP/CVE Mr S Dharmar Dr. S. Sivasankar, Dr N V Prabhu	Dr R Gopalakrishnan Mr G Arun , AP/CVE Mr R Mathiyazhagan, AP/CVE Mr S Dharmar Dr. S. Sivasankar Dr N V Prabhu	Optimized Geo-Polymer concrete with slag and fly-ash blends under ambient temperature	Application No 202241046883 Filed on 18/8/2022	Published 26/8/2022
59.	Dr G Suseela Dr T Sathis Kumar Dr N Gobalakrishnan, ASP/INT Mr J Uthayakumar Dr S Selvi Dr Pravin Kulurkar Prof. Vaishali Jangade Prof. Rita Bhawalkar	Dr G Suseela Dr T Sathis Kumar Dr N Gobalakrishnan, ASP/INT Mr J Uthayakumar Dr S Selvi Dr Pravin Kulurkar Prof. Vaishali Jangade Prof. Rita Bhawalkar	A Unique Identification of the Continuous monitoring Mechanism to evade cyber-attacks in Smart Healthcare	Application No. 202241074165 A Filed on 21/12/2022	Published 30/12/2022
60.	Dr Piyush Raja Dr K Premalatha Mrs D Sharmitha Dr T Senthilnathan, AP/APH Mr I Rma Staya Nageswara Rao Dr S Boobalan Vasupalli manoj Mr Thoram Saran Kumar Dr Jyoti Prasad patra	Dr Piyush Raja Dr K Premalatha Mrs D Sharmitha Dr T Senthilnathan, AP/APH Mr I Rma Staya Nageswara Rao Dr S Boobalan Vasupalli manoj Mr Thoram Saran Kumar Dr Jyoti Prasad patra	An Improvised Design and Development of Solar Charging Station for EV	Application No. 202311001494, filed on 7/1/2023	Published 13/1/2023

	Mr Ketan Kishore Tonpe Mr Ram R Wayzode Mr Kalyani K Sengar	Mr Ketan Kishore Tonpe Mr Ram R Wayzode Mr Kalyani K Sengar			
61.	Sri Venkateswara College of Engineering	Ms. S. Rajalakshmi, ASP/CSE Ms. J. Buvana, AP/CSE Ms. R. Gayathri, AP/CSE Ms. S. Kalavathi, AP/INT Dr. N. Revathi, ASP/CSE	A modern Digital framework for cities based on Block chain and Fog Computing technologies	Application No.202241072740A Filed on 16/12/2022	Published 30/12/2022 Jr No.52/2022
62.	Ms V Rajalakshmi, Associate Professor/CSE Ms G R Khanagavalle, Assistant Professor/CSE, Dr A.Kala, Associate Professor/INT, Dr P Sharon Femi Associate Professor/INT, Dr R Jayabhaduri Professor/CSE, Mr B Divamsh, III Year AD Mr R Iyyappan, III Year AD, and Mr S Nanda Kumar, III Year AD	Ms V Rajalakshmi, Associate Professor/CSE Ms G R Khanagavalle, Assistant Professor/CSE, Dr A.Kala, Associate Professor/INT, Dr P Sharon Femi Associate Professor/INT, Dr R Jayabhaduri Professor/CSE, Mr B Divamsh, III Year AD Mr R Iyyappan, III Year AD, and Mr S Nanda Kumar, III Year AD	IOT Based WiFi Enabled Smart Gardening System	Application No. 202341006434 A Filed on 1/2/3023	Published 10/2/2023
63.	Dr. R. Gayathri, Prof./ECE Mrs. S. M. Mehzabeen, AP/ECE Dr. M. Kavitha (RS) and Dr. P R. Buvanewari(RS)	Dr. R. Gayathri, Prof./ECE Mrs. S. M. Mehzabeen, AP/ECE Dr. M. Kavitha (RS) Dr. P R. Buvanewari(RS)	Computer-Aided Diagnosis system for Cancer histology images analysis using clustering and Deep Learning	Application No. 202341008954 A Filed on 11/2/2023	Published 17/2/2023
	Mr M Mohideen Abdul Kader Ms R. Saranya	Mr M Mohideen Abdul Kader Ms R. Saranya	Artificial Intelligence implementation in data	202341003852 Filed on	Published 17/2/2023

64.	Ms D Praveena Anjelin SHOBHANJALY P NAIR , AP/CSE and Dr. Rajdeep Singh solanki	Ms D Praveena Anjelin SHOBHANJALY P NAIR , AP/CSE and Dr. Rajdeep Singh solanki	management system with digital currency in commercial banks using Block chain Technology	19/01/2023	
65.	Dr P Sharon Femi , ASP/INT, Dr A Kala , ASP/INT, Ms V Rajalakshmi , ASP/CSE, Ms G R Khanaghavalle , AP/CSE, Ms R Saktheeswari , AP/INT, and students II year Ms M Harini Padma , and Ms.L.Krithika , II Year/INT	Dr P Sharon Femi , ASP/INT, Dr A Kala , ASP/INT, Ms V Rajalakshmi , ASP/CSE, Ms G R Khanaghavalle , AP/CSE, Ms R Saktheeswari , AP/INT, and students II year Ms M Harini Padma , and Ms.L.Krithika , II Year/INT	Smart electricity generation using piezoelectric effect	Application No.202341010070 A Filed on 15/2/2023	Published 24/3/2023 Jr 12/2023
66.	Dr.T. Rajasekaran ASP/CSE Mr. M. Suresh Kumar ASP/CSE, Mrs. S.U. Muthunagai ASP/CSE, Dr. M.S. Girija AP/CSE, Mrs R Iyswarya AP/CSE, Mr P Selvamani AP/CSE, Mr Sowmya Narayanan AP/CSE	Dr.T. Rajasekaran ASP/CSE Mr. M. Suresh Kumar ASP/CSE, Mrs. S.U. Muthunagai ASP/CSE, Dr. M.S. Girija AP/CSE, Mrs R Iyswarya AP/CSE, Mr P Selvamani AP/CSE, Mr Sowmya Narayanan AP/CSE	IoT Module for Smart Agriculture Monitoring and Early Flood Detection and Avoidance	Application is No. 202341010318 A Filed on 16/2/2023	Published 24/3/2023
67.	Dr.R.Ramesh, Ms.G.Deepa, . Mr.T.Selva Kumar, Mr.N.Selvaganesh ,AP/CSE- Dr.S.M.Prabin, Ms.N.Indumathi,.	Dr.R.Ramesh, Ms.G.Deepa, . Mr.T.Selva Kumar, Mr.N.Selvaganesh ,AP/CSE- Dr.S.M.Prabin, Ms.N.Indumathi,.	Develop a Trusted Blockchain Auction Platform with Preferred Pricing Recommendations using Machine learning	Application No. 202341008631 Filed on 10/2/2023	Published 17/2/2023

	Ms.L.Dharshana Deepthi, Dr.S.Chakaravarthi,	Ms.L.Dharshana Deepthi, Dr.S.Chakaravarthi,			
68.	R Prashanna Rangan, MEC Dr S Ramesh Babu , Professor and Head/MEC S Pooja	R Prashanna Rangan, MEC Dr S Ramesh Babu , Professor and Head/MEC S Pooja	Multifunctional Smart wearable wrist assist	Application No.202341013681 A Filed on 1/3/2023	Published 24/3/2023
69.	Dr. N. M. Balamurugan Prof. /CSE , Dr. J M Ganasekar Prof./CSE , Dr. P Janarthanan Prof/CSE and Mr. R Gnanavel AP/CSE	Dr. N. M. Balamurugan Prof. /CSE , Dr. J M Ganasekar Prof./CSE , Dr. P Janarthanan Prof/CSE and Mr. R Gnanavel AP/CSE	An IoT and deep learning-based system for forecasting electricity consumption by user in a particular time period	Application No. 202341026967 A Filed on 12/04/2023	Published 5/5/2023 Jr.18/2023
70.	Dr. D. Jayanthi , ASP/INT Dr. G. Sumathi , Professor/INT , Mr. T. Robin Thomas , Mr. N. Alagappan , and Mr. M. Dakshin Aravind of IV Year Information Technology	Dr. D. Jayanthi , ASP/INT Dr. G. Sumathi , Professor/INT , Mr. T. Robin Thomas , Mr. N. Alagappan , and Mr. M. Dakshin Aravind of IV Year Information Technology	Smart Crop Yield Prediction Using Deep Learning and IOT	Application No. 202341037204 A, filed on 30/05/2023	Published 16/06/2023

71.	Dr R Umadevi, AP/APM Dr K Vijayalakshmi, AP/APM Ms R Sumathy (FT-SVCE-RF) Mr S Prabhakar(PT-E) Ms M Goamthi (FT)	Dr R Umadevi, AP/APM Dr K Vijayalakshmi, AP/APM Ms R Sumathy (FT-SVCE-RF) Mr S Prabhakar(PT-E) Ms M Goamthi (FT)	Comparative study of reversible (esterification process) and irreversible flows on three dimensional upper convective Maxwell fluid model for rate of heat transfer due to activation Energy	202341035158 A 19/5/2023 (Filed)	Published 16/6/2023
72.	Dr K Kiruthika Devi, ASP/INT Mr J Sri Hari Soundar, Mr B Sreevardhan, Mr S Vinodh Kanna, Mr V R varun Sah and Mr S Vinesh Sha, First Year/INT	Dr K Kiruthika Devi, ASP/INT Mr J Sri Hari Soundar, Mr B Sreevardhan, Mr S Vinodh Kanna, Mr V R varun Sah and Mr S Vinesh Sha, First Year/INT	Stove Timer Control System	Application No. 202341032664 A, filed on 9/5/2023	Published 16/6/2023
73.	Dr R Ramesh, Professor/MEC Dr C Senthamaraikannan , ASP/MEC and Mr J Sivaramapandian, AP/MEC	Dr R Ramesh, Professor/MEC Dr C Senthamaraikannan , ASP/MEC and Mr J Sivaramapandian, AP/MEC	A Method of preparing metal matrix composite made form reinforced carbon fiber, for use in electric vehicles	Application No. 202341007968 A, filed on 7/2/2023	Published 24/2/2023
74.	Mr R Suresh, AP/INT Mr V Rajaram Mr V Ranjith Ms S Sindhu Ms S Srividhya	Mr R Suresh, AP/INT Mr V Rajaram Mr V Ranjith Ms S Sindhu Ms S Srividhya	IOT and Machine language based Wireless network modelling on Genetic Algorithms for Robotics	Application No. 202141035666 A filed on 6/8/2022	Published 13/8/2022

Patents Published by IPR in the year 2023-2024 (17)

S.No.	Name of the Applicants	Name of the Inventors	Title	Application Number and date on which Patent filed	Status
75.	Dr D Menaka, ASP/ECE Ms D Uma Maheswari, Mr N S Sribalaji Mr Rakesh Valavaluri, 2023 Passed out students of SVCE	Dr D Menaka, ASP/ECE Ms D Uma Maheswari, Mr N S Sribalaji Mr Rakesh Valavaluri, 2023 Passed out students of SVCE	Innovating Interface- Exploring Hand Gesture Recognition For Smart Interaction	Application No: 202341038733 Filed on 6/6/2023	Published 1/9/2023
76.	Mr M Lakshmanan, AP/CSE Dr G S Anandha Mala Dr K M Anand Kumar	Mr M Lakshmanan, AP/CSE Dr G S Anandha Mala Dr K M Anand Kumar	Merkle tree-block chain assisted privacy preservation of electronic medical records on offering medical data protection through hybrid heuristic algorithm	Application No.202341063024 A Filed on 20/9/2023	Published 6/10/2023
77.	Dr S Anandhavelu, AP/ACH Dr A Dhandapani Dr V Hariharan Dr S Prakash Dr Ajay Singh Yadav Dr P Vijayakumar Dr U Rizwan Sulthana	Dr S Anandhavelu, AP/ACH Dr A Dhandapani Dr V Hariharan Dr S Prakash Dr Ajay Singh Yadav Dr P Vijayakumar Dr U Rizwan Sulthana	Synthesised Titanium Dioxide for Photocatalytic Degradation	Application No. 202341058876 A Filed on 1/9/2023	Published 6/10/2023
78.	Ms.K.Srividhya, AP/ECE, Dr.D.Menaka, ASP/ECE, Ms.K.S.Subhashini,AP/ECE Ms.S.Kalyani, AP/ECE and L.Anju, AP/ECE	Ms.K.Srividhya, AP/ECE, Dr.D.Menaka, ASP/ECE, Ms.K.S.Subhashini,AP/ECE Ms.S.Kalyani, AP/ECE and L.Anju, AP/ECE	A system based on ML for determining a channel state for Wireless Communication	Application No. 202341058912 A Filed on 2/9/2023	Published 6/10/2023

79	Dr K Prathibanandhi Mr R Sivaprasad Ms V Malini Dr C Yaashuwanth, Professor/INT	Dr K Prathibanandhi Mr R Sivaprasad Ms V Malini Dr C Yaashuwanth Professor/INT	Motor and Battery Overheat Detection in Electric Vehicle	Application No. 202341070533 A Filed on 17/10/2023	Published 3/11/2023
80.	Dr A Saravanan, AP/MEC	Dr A Saravanan, AP/MEC	Fixture for Cylindrical Work piece	Application No. 202341058706 A Filed on 1/9/2023	Published 12/01/2024
81.	Dr P Sharon Femi ASP/INT Dr A Kala, ASP/INT Ms R Saktheeswari AP/INT Dr V Rajalakshmi ASP/CSE Dr A Indumathi ASP/INT Ms N Uma, AP/INT Ms M Sugacini, AP/INT	Dr P Sharon Femi ASP/INT Dr A Kala, ASP/INT Ms R Saktheeswari AP/INT Dr V Rajalakshmi ASP/CSE Dr A Indumathi ASP/INT Ms N Uma, AP/INT Ms M Sugacini, AP/INT	Smart Walker for Managing body alignment	Application No. 202341054066 A Filed on 11/8/2023	Published 12/01/2024
82.	Dr R Kannadasan, AP/EEE K Sandhiya, Dr G Malarvizhi	Dr R Kannadasan, AP/EEE K Sandhiya, Dr G Malarvizhi	Integrated Dynamic Emergency Vehicle Evacuation System with Enhanced Traffic Control and Routing Optimization	Application No. 202341074626 A, filed on 02/11/2023	Published 15/2/2024
83.	SVCE	Dr. S. Rajalakshmi, ASP/CSE Ms S Bhavya, IV CSE(2024) Mr. T. K. Anantha Krishnan IV CSE (2024) Mr S Dharan, IV CSE(2024) Ms J Buvana, AP/CSE	A framework for plant leaf disease classification	Application No. 202441001259 A filed on 7/1/2024	Published 9/2/2024

		Dr S Kalavathy, ASP/INT Dr V M Sivagami, Professor/INT			
84.	Dr C Gopinath, Professor/EEE Ms P Bharathi Priyadharshini, Final Year UG/EEE Mr T Dafinny Final Year UG/EEE Mr Ajay Rohith Final Year UG/EEE Mr R Srihari	Dr C Gopinath, Professor/EEE Ms P Bharathi Priyadharshini, Final Year UG/EEE Mr T Dafinny Final Year UG/EEE Mr Ajay Rohith Final Year UG/EEE Mr R Srihari	A system and method for thermoelectric and photovoltaic charging of battery packs for electric vehicle application	Application No.202441032680 A Filed on 25/4/2024	Published 3/5/2024
85.	Dr J Kesavan Dr SS Sethuraman, ASP/EEE Mr S Rajasulochana Mr R Siddhardhan Mr Suresh Mr S Nachimuthu	Dr J Kesavan Dr SS Sethuraman, ASP/EEE Mr S Rajasulochana Mr R Siddhardhan Mr Suresh Mr S Nachimuthu	Cluster electric vehicle charging behaviour optimization method based on deep reinforcement learning	Application No.202441029453 A Filed on 11/4/2024	Published 19/4/2024
86.	Dr.A.Kala, ASP/INT, Mr S Hariharan, Final year UG/INT, Mr B Madhavan, Final year UG/INT , Mr M H Mohammed Sakeeb, Final Year students/INT, Dr P Sharon Femi, ASP/INT	Dr.A.Kala, ASP/INT, Mr S Hariharan, Final year UG/INT, Mr B Madhavan, Final year UG/INT , Mr M H Mohammed Sakeeb, Final Year students/INT, Dr P Sharon Femi, ASP/INT	CAREMATE-An integrated elderly support system	Application No. 202441035992 A, filed on 7/5/2024	Published 17/5/2024

	Dr V Rajalakshmi, ASP/CSE	Dr V Rajalakshmi, ASP/CSE			
87.	Dr S Vijayanand Associate Professor Dr Venkatesh Kanagaluru, Assistant Professor Ms. Abinaya G Ms.Ashratha M R Ms.Uma Maheshwari R Final year students of ECE 2024 batch	Dr S Vijayanand Associate Professor Dr Venkatesh Kanagaluru, Assistant Professor Ms. Abinaya G Ms.Ashratha M R Ms.Uma Maheshwari R Final year students of ECE 2024 batch	IoT-Based Anesthesia Control and Monitoring System	Application No. 202441040462 A Filed on 24/5/2024	Published 31/5/2024
88.	Dr. P Janarthanan, Professor/CSE Ms Yerragogu Rishitha, Ms Sunandita R, Ms Shwetha Sadanand, Mr Vinay Varshigan S J, Mr Srihari S A	Dr. P Janarthanan Professor/CSE Ms Yerragogu Rishitha, Ms Sunandita R, Ms Shwetha Sadanand, Mr Vinay Varshigan S J, Mr Srihari S A	Web based water infrastructure mapping and water flow rate monitoring	Application No. 202441043155, filed on 4/6/2024	Published 14/6/2024
89.	Dr C Gopinath Professor/EEE Ms R Kousalya Assistant Professor/ECE Mr K Raja Pandi, Mr K. Vaduganathan Mr M. Vikashkrishna Final year students of ECE 2024 batch	Dr C Gopinath Professor/EEE Ms R Kousalya Assistant Professor/ECE Mr K Raja Pandi, Mr K. Vaduganathan Mr M. Vikashkrishna Final year students of ECE 2024 batch	An accessible system and method for water dispensing to individuals with visual impairments	Application No. 202441051943 A, filed on 7/7/2024 Design patent	Published 12/7/20024
	Dr K Kiruthika Devi, Associate Professor/INT Mr J Sri Hari Soundar Mr B Sreevardhan Mr S Vinodh Kanna	Dr K Kiruthika Devi, Associate Professor/INT Mr J Sri Hari Soundar Mr B Sreevardhan Mr S Vinodh Kanna	SMART Medicine Dispenser	Application No. 202441033203 A Filed on 26/4/2024	Published 3/5/2024

90.	Mr V R Varun Sah Mr S Vinesh Sah Mr R Sathyam Kumar Mr M Vijay Third Year INT students	Mr V R Varun Sah Mr S Vinesh Sah Mr R Sathyam Kumar Mr M Vijay Third Year INT students			
91.	Dr C Yaashuwanth Professor/INT and along with others	Dr C Yaashuwanth Professor/INT and along with others	A SMART Mirror with emotional awareness	Application No. 202441055532 A Filed on 21/7/2024	Published 26/7/2024