**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**Patents submitted to IPR in the year 2021-2022 (15)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Name of the Applicants** | **Name of the Inventors** | **Title** | **Application Number and date on which Patent filed** | **Status** |
|  **1.** | Mr S Gokulakrishnan, **Mr A R Guru Gokul, INT****Ms N Devi, INT****Ms P Leela Rani**, INTDr 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 | 20214101789317/04/2021 | **Published****11/06/2021** |
|  **2.** | Dr S Jegan, **Mr A Thiagarajan, INT**Ms M Revathi, C P Jetlin, Dr K Deepak Thilak, Dr K Kalaiselvi, Dr K Gurunathan, Dr M Umaselvi, Dr N Kalyana Sundaram, Mr N Nagarajan | Dr S Jegan, **Mr A Thiagarajan**Ms M Revathi, C P Jetlin, Dr K Deepak Thilak, Dr K Kalaiselvi, Dr K Gurunathan, Dr M Umaselvi, Dr N Kalyana Sundaram, Mr N Nagarajan | IOT based elderly people activity monitoring and Detecting unusual activity in Home | 20214102154812/5/2021 | **Published****11/06/2021** |
|  **3.** | MPs A Sonya Ms S HariprasathDr S Kother MohideenMr Mohamad M Othman**Dr B Praksah, INT**Dr G Babu | Ms A Sonya Ms S HariprasathDr S Kother MohideenMr Mohamad M Othman**Dr B Praksah**Dr G Babu | Securing Patients Health Information using Attribute Based Encryption | 20214102927829/06/2021 | **Published****16/07/2021** |
|  **4.** | Mr Rajib GuhathakurthaDr Matam Mohan BabuDr G Muralikrishnan**Dr Nalin kant Mohanty,EEE**Mr S SenthilkumarDr Swarnendu Kumar ChakrabortyMs Pragya Singh TomarMs R Uma MaheswariDr Brahma Datta ShuklaDr Sunanda Das | Mr Rajib GuhathakurthaDr Matam Mohan BabuDr G Muralikrishnan**Dr Nalin kant Mohanty**Mr S SenthilkumarDr Swarnendu Kumar ChakrabortyMs Pragya Singh TomarMs R Uma MaheswariDr Brahma Datta ShuklaDr Sunanda Das | An Image processing and Deep learning Based System for Advertisement Communication  | 202141042379Filed on19/9/2021 | **Published****1/10/2021** |
| **5.** | Ingeniouz**Mr A Kumaraswamy, MEC**Mr Bhaskar KapoorDr SumanthDr Nalini Kanta SahooDr Chinmaya Keshari SahooDr Banavanth HeeralalDr Sujatha MallapurDr Jagadeesh Kumar EgaDr Durgacharan Arun BhagwatDr Raghul ShivajiPrathibha Rahul AdnalkMr V Gopu | Ingeniouz**Mr A Kumaraswamy, MEC**Mr Bhaskar KapoorDr SumanthDr Nalini Kanta SahooDr Chinmaya Keshari SahooDr Banavanth HeeralalDr Sujatha MallapurDr Jagadeesh Kumar EgaDr Durgacharan Arun BhagwatDr Raghul ShivajiPrathibha Rahul AdnalkMr V Gopu | AI based Smart Touch less medicine dispensing System for Pharma Field | 202141038793Filed on 26/8/2021 | **Published****24/09/2021** |
|  **6.** | Dr M ShyamalagowriDr A N ShankarDr B AnuradhaDr R Thamil MagalDr S Saira Banu**Dr N R Sheela, APH**Dr Parrakal Satishchandra MenonDr S SheejaDr Mohan Rangam KadiresanDr A SanjaygandhiDr K KarthickMr B PrakashDr S GnanasekaranDr C Samson Jerold SamuelMr S SivanathanMr E Immanuvel Bright | Dr M ShyamalagowriDr A N ShankarDr B AnuradhaDr R Thamil MagalDr S Saira BanuDr N R SheelaDr Parrakal Satishchandra MenonDr S SheejaDr Mohan Rangam KadiresanDr A SanjaygandhiDr K KarthickMr B PrakashDr S GnanasekaranDr C Samson Jerold SamuelMr S SivanathanMr E Immanuvel Bright | Development of IoT based smart irrigation System | 2021410470014Filed on 18/10/2021 | **Published****29/10/2021** |
|  **7.** | Dr B Uma MahaeswariMs U Jhanani ShreeMr Ramprasad MaharanaMs R BharathyMs M Anitha MaryDr B MeenakshiDr S K Nandha Kumar**Dr S Vijayanand, ECE**Dr B DeepaDr Murugananth Gopal Raj | Dr B Uma MahaeswariMs U Jhanani ShreeMr Ramprasad MaharanaMs R BharathyMs M Anitha MaryDr B MeenakshiDr S K Nandha Kumar**Dr S Vijayanand, ECE**Dr B DeepaDr Murugananth Gopal Raj | Design of Pulse Oxygen Meter using IOT | 202141060100Filed on 22/12/2021 | **Published** **28/01/2022** |
|  **8.** | Dr. Rabinarayan satpathy**Dr. A. Sankaran, MAR**Dr. Anurad AeronMs. Sujatha pandaMrs. Dharshana A NaikMrs. Reddy AnuradhaDr. K.G.S. VenkatesanDr. Sushma JaiswalMr. Tarun JaiswalMr. Hanumaji Kantari | Dr. Rabinarayan satpathy**Dr. A. Sankaran, MAR**Dr. Anurad AeronMs. Sujatha pandaMrs. Dharshana A NaikMrs. Reddy AnuradhaDr. K.G.S. VenkatesanDr. Sushma JaiswalMr. Tarun JaiswalMr. Hanumaji Kantari | Multifunction heat Transmission simulator with AI and Machine learning | 20213103949331/08/2021 | **Published** **17/09/2021** |
|  **9.** |  **Sri Venkateswara Engineering College(SVCE),**School of Engineering, University of petroleum and Energy Studies,Coimbatore Institute of Technology,**Karthick Kumar R, MAR**Deepak KumarDr. M. VelliangiriDarisa Guru SaiJoal Rathinam SalethR. kiruba sagarSneha. G |  **Sri Venkateswara Engineering College(SVCE),**School of Engineering, University of petroleum and Energy Studies,Coimbatore Institute of Technology,**Karthick Kumar R, MAR**Deepak KumarDr. M. VelliangiriDarisa Guru SaiJoal Rathinam SalethR. kiruba sagarSneha. G | Modelling and Simulation of Self- Balancing Solar Energy storage System | 20214104302222/09/2021 | **Published****01/10/2021** |
| **10.** | **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 25/2/20022** |
| **11.** | **Sri Venkateswara College of Engineering** | **Dr C Gopinath,** Associate Professor | Electronic Device with multiple batteries Assigned for multiple specific functions | 202241007374 dated 11/2/2022 | **Published 25/2/20022** |
| **12.** | Dr Dheeraj KumarDr Savita Goyal AggarwalMahesh Singh KhirwarDr Shyam Govind SinghDr Anandveer Singh SindhuMr G S Amal Dr Ishan Y Pandya**Dr M Gajendran, MEC** | Dr Dheeraj KumarDr Savita Goyal AggarwalMahesh Singh KhirwarDr Shyam Govind SinghDr Anandveer Singh SindhuMr G S Amal Dr Ishan Y Pandya**Dr M Gajendran, MEC** | Experimenting Filtration Technique for Carbon Particle Collector& Method thereof | 20221101490317/3/2022(Filed) | **Published 1/4/20022** |
| **13.** | **Sri Venkateswara College of Engineering** | **Dr N R Sheela,** Assistant Professor, Department of Applied Physics**, Mr R Joshua Praveen, Mr B Bhavesh** and **Mr A Ajith,** Third year students of the Department of Mechanical Engineering, | A Mechanism to Conserve water and prevent infectious Pathogens | 202241024913 A 28/4/2022 (Filed) | **Published** **13/5/2022** |
| **14.** | R. Govindarajan, Dr. S. Meilkandsivam, Dr.D.Vijayakumar, **Dr.C.Gopinath** | R. Govindarajan, Dr. S. Meilkandsivam, Dr.D.Vijayakumar, **Dr.C.Gopinath** | A System and Method for Energy Monitoring System Based on Cloud Computing | 202241033217      10/06/2022 (Filed) | **Published****Jr.No. 24/2022, page No. 37335 Dated 17/06/2022** |
| **15.** | Ms. K Sofiya DayanaMs P JeyaseeliDr B Doraswamy**Dr A Bhaskaran, Applied Physics** Dr Mohd Atif WahidMs Pooja KumariDr T KrishnaiahDr J Senthil MuruganMr Ch KodandaramuDr P Pasupuleti Subrahmanya RanjitDr B Prathish RaajaDr V Kannan | Ms. K Sofiya DayanaMs P JeyaseeliDr B Doraswamy**Dr A Bhaskaran, Applied Physics** Dr Mohd Atif WahidMs Pooja KumariDr T KrishnaiahDr J Senthil MuruganMr Ch KodandaramuDr P Pasupuleti Subrahmanya RanjitDr B Prathish RaajaDr V Kannan | Appliances for Solar Energy Generation and Saving using Tent energy storing | 20224102785014/5/2022 (Filed) | **Published****3/6/2022** |

**Patents granted by IPR in the year 2021-2022 (6)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Name of the Applicants** | **Name of the Inventors** | **Title**  | **Application Number and date on which Patent granted** | **Status** |
| **1.** | **Dr M Prem Ananath** andMr R Sree Ramraj | **Dr M Prem Ananath** andMr R Sree Ramraj | Multi Nut Remover for Automobiles  | 171/CHE/201124/5/2011(Filed)15/12/2021(Granted) | **Granted****Patent No.384378** |
| **2.** | Ms. M. Sanyukthaa(BTech, Biotechnology, batch 2017-2021)Biotechnology**SVCE** | Ms. M. SanyukthaaMr. S.P. Arunram/MEC(BE-Mechanical, batch 2016-2020) **Dr E. Nakkeeran/BIO** **Mr M. Nishal/MEC** | Preparation of Rice Starch-Based Biodegradable Film | 2019410223686/6/2019 (filed)31/1/2022(Granted) | **Granted****Patent** **No.388067** |
| **3.** | **Dr C Gopinath, EEE****Dr R Kannadasan, EEE**Dr P PrabhavathyMs K Sandhia | **Dr C Gopinath, EEE****Dr R Kannadasan, EEE**Dr P PrabhavathyMs K Sandhia | Surveillance Camera | Filed on 1/4/20218/4/2022 (Granted) | Design No.**341742-001** |
| **4** | Dr B Jegajothi**,** **Dr C Yaasuwanth,** Associate Professor, ,Information Technology,Dr K Prathibanandhi and Dr S Ramesh, | Dr B Jegajothi**,** **Dr C Yaasuwanth,** Associate Professor, Information Technology,Dr K Prathibanandhi and Dr S Ramesh, | A Convection Turbine Renewable Energy Converter | Filed on 14/8/2021 29/4/2022 (Granted) | **Design No.****34926-001** |
| **5.** | Sri Venkateswara College of Engineering | Dr C Ananda Babu, Retd. Professor, Ms S Swathi, Mr L S Badhri Narayanan, and **Dr N Meyyappan**, Professor and Head, Chemical Engineering | Laboratory Scale Invertible and Constant flow resin Column | Application No: 201841015962Filed on 27/4/2018 17/5/2022 (Granted) | **396960** |
| **6.** | **Dr A Prasanth, AP/ECE**T MuthumanickamT D SubhaK KavithaS LavanyaM BhavadhariniA I SonyaR Viashnavi | **Dr A Prasanth****AP/ECE**T MuthumanickamT D SubhaK KavithaS LavanyaM BhavadhariniA I SonyaR Viashnavi | A System for detecting fault in a network performing recovery Management and method thereof | Application No. 2022/01775 | **1775** |