**SRI VENKATESWARA COLLEGE OF ENGINEERING**

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

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| **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**, 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** |
| **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 | 202141021548  12/5/2021 | **Published**  **11/06/2021** |
| **3.** | 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  29/06/2021 | **Published**  **16/07/2021** |
| **4.** | Mr Rajib Guhathakurtha  Dr Matam Mohan Babu  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 | Mr Rajib Guhathakurtha  Dr Matam Mohan Babu  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 | 202141042379  Filed on  19/9/2021 | **Published**  **1/10/2021** |
| **5.** | 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** |
| **6.** | Dr M Shyamalagowri  Dr A N Shankar  Dr B Anuradha  Dr R Thamil Magal  Dr S Saira Banu  **Dr N R Sheela, APH**  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 M Shyamalagowri  Dr A N Shankar  Dr B Anuradha  Dr R Thamil Magal  Dr S Saira Banu  Dr N R Sheela  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 | Development of IoT based smart irrigation System | 2021410470014  Filed on  18/10/2021 | **Published**  **29/10/2021** |
| **7.** | 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 Murugananth 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 Murugananth Gopal Raj | Design of Pulse Oxygen Meter using IOT | 202141060100  Filed on  22/12/2021 | **Published**  **28/01/2022** |
| **8.** | 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** |
| **9.** | **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** |
| **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 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 1/4/20022** |
| **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 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  Dr P Pasupuleti Subrahmanya Ranjit  Dr B Prathish Raaja  Dr V Kannan | 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  Dr P Pasupuleti Subrahmanya Ranjit  Dr B Prathish Raaja  Dr V Kannan | Appliances for Solar Energy Generation and Saving using Tent energy storing | 202241027850  14/5/2022 (Filed) | **Published**  **3/6/2022** |

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

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| **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** and  Mr R Sree Ramraj | **Dr M Prem Ananath** and  Mr R Sree Ramraj | Multi Nut Remover for Automobiles | 171/CHE/2011  24/5/2011(Filed)  15/12/2021(Granted) | **Granted**  **Patent No.384378** |
| **2.** | Ms. M. Sanyukthaa  (BTech, Biotechnology, batch 2017-2021)  Biotechnology  **SVCE** | Ms. M. Sanyukthaa  Mr. S.P. Arunram/MEC  (BE-Mechanical, batch 2016-2020)  **Dr E. Nakkeeran/BIO**  **Mr M. Nishal/MEC** | Preparation of Rice Starch-Based Biodegradable Film | 201941022368  6/6/2019 (filed)  31/1/2022(Granted) | **Granted**  **Patent**  **No.388067** |
| **3.** | **Dr C Gopinath, EEE**  **Dr R Kannadasan, EEE**  Dr P Prabhavathy  Ms K Sandhia | **Dr C Gopinath, EEE**  **Dr R Kannadasan, EEE**  Dr P Prabhavathy  Ms K Sandhia | Surveillance Camera | Filed on 1/4/2021  8/4/2022 (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: 201841015962  Filed on 27/4/2018 17/5/2022 (Granted) | **396960** |
| **6.** | **Dr A Prasanth, AP/ECE**  T Muthumanickam  T D Subha  K Kavitha  S Lavanya  M Bhavadharini  A I Sonya  R Viashnavi | **Dr A Prasanth**  **AP/ECE**  T Muthumanickam  T D Subha  K Kavitha  S Lavanya  M Bhavadharini  A I Sonya  R Viashnavi | A System for detecting fault in a network performing recovery Management and method thereof | Application No.  2022/01775 | **1775** |