**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**Patents submitted to IPR in the year 2020-2021 (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.** | **Dr M Gajendiran**Mechanical Engineering | Dr. M Gajendiran  | IOT based intelligent pesticide man machine system for agricultural purposes  | 20204102281812.06.2020 | **Published****Jr.24/2020** |
| **2.** | **Dr T Sukumar**Information Technology | Dr T Sukumar | Nash Equilibrium - Based Solution for Form Jacking in Crowd sensing network | 202041043760 | **Under Review** |
| **3.** | **Dr R Ramesh**Mechanical Engineering | Dr R RameshDr C Senthamaraikannan | Design and Development of Higher order device with adjustable deflection corrective Mechanism | 20184101594327.04.2018 | **Published****Jr.50/2019****13.12.2019** |
| **4.** | **Mr S Arumugam**Mechanical Engineering | Dr K GurusamiMr S ArumugamMr P SubbarayuduMr D JayakumarDr N Nandanasabai | Method and System to increase tool by life by Six Sigma | 20204104562430.10.2020 | **Published****Jr.44/2020****30.10.2020** |
| **5.** | **Dr S Arumugam**Mechanical Engineering | Dr K GurusamiDr S ArumugamDr N NandanasabaMr D JayakumarMr P Subbarayudu | Lead Time Reduction Through Lean Techniques | 202041055982 23.12.2020 | **Published****23.12.2020** |
| **6.** | 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 | 20204103225828.7.2020 | **Published****7.8.2020** |
| **7.** | **Dr C Gopinath**Dr C Yaashuwanth, Dr P PrabhavathyDr D Ashok Babu, Dr S Kavaskar, Ms K PrathibanandhiDr T Annamalai | Dr C GopinathDr C Yaashuwanth, Dr P PrabhavathyDr D Ashok Babu, Dr S Kavaskar, Ms K PrathibanandhiDr T Annamalai | Detachable Solar Heater | 33118900118.07.2020IPR, Kolkatta | **Under Review** |
| **8.** | 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** |
| **9.** | 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** |
| **10.** | Sri Venkateswara College of EngineeringBiotechnology | **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 | 20194103688213.9.2019 | **Published****19.3.2021** |
| **11.** | Dr C GopinathDr R Kannadasan | Dr C GopinathDr R Kannadasan | Surveillance Camera | 341742-0011.4.2021 | **Under Review****IPR****Kolkata** |
| **12.** | 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 | 20204103747811.9.2020 | **Published** **11.9.2020** |
| **13.** | Dr S Jegan**Mr A Thiagarajan**Ms M RevathiC P JetlinDr K Deepak ThilakDr K KalaiselviDr K GurunathanDr M UmaselviDr N Kalyana SundaramMr N Nagarajan | Dr S Jegan**Mr A Thiagarajan**Ms M RevathiC P JetlinDr K Deepak ThilakDr K KalaiselviDr K GurunathanDr M UmaselviDr N Kalyana SundaramMr N Nagarajan | IOT based elderly people activity monitoring and Detecting unusual activity in Home. | 202141021548Filed date12.5.2021 | **Published****11.06.2021** |
| **14.** | 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 and Ms E Padma |  | “A Method for Efficient and Faster Machine Learning Techniques | 20214101789317.4.2021(Filed) | **Published****11.6.2021** |
| **15** | 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 | 202011050686A21.11.2020 | **Published****21.11.2020** |

**Patent granted by IPR in the year 2020-2021 (2)**

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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.** | Sri Venkateswara College of Engineering | Ms. G. Havisha, Mr.M Asifullah, Ms. E. Lavanya, Dr N Meyyappan and Dr. D. G. Rao | A process for the preparation of fruit toffees by microwave heating | 201641035133 & 14/10/2016(Filed)20/4/2018(published)14/10/2020(granted) | **Granted** |
| **2.** | **Dr C Gopinath**Dr T AnnamalaiMs K Prathibanandhi, Dr S Kavaskar, Dr D Ashok Babu, Dr C Yaashuwanth, Dr P Prabhavathy | Dr C GopinathDr T AnnamalaiMs K Prathibanandhi, Dr S Kavaskar, Dr D Ashok Babu, Dr C Yaashuwanth, Dr P Prabhavathy | A System and Method for Thermal Management in Automotive seats using Solar Energy | 20204103093820.7.2020(Filed)Published (31/7/2020)2/3/2021(granted) | **Granted****Patent No.****360059** |