**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 | 202041022818  12.06.2020 | **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 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** |
| **4.** | **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** |
| **5.** | **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** |
| **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 | 202041032258  28.7.2020 | **Published**  **7.8.2020** |
| **7.** | **Dr C Gopinath**  Dr C Yaashuwanth,  Dr P Prabhavathy  Dr D Ashok Babu,  Dr S Kavaskar,  Ms K Prathibanandhi  Dr T Annamalai | Dr C Gopinath  Dr C Yaashuwanth,  Dr P Prabhavathy  Dr D Ashok Babu,  Dr S Kavaskar,  Ms K Prathibanandhi  Dr T Annamalai | Detachable Solar Heater | 331189001  18.07.2020  IPR, 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 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** |
| **11.** | Dr C Gopinath  Dr R Kannadasan | Dr C Gopinath  Dr R Kannadasan | Surveillance Camera | 341742-001  1.4.2021 | **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 | 202041037478  11.9.2020 | **Published**  **11.9.2020** |
| **13.** | 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 | 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  Filed date  12.5.2021 | **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 | 202141017893  17.4.2021(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 | 202011050686A  21.11.2020 | **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 Annamalai  Ms K Prathibanandhi,  Dr S Kavaskar,  Dr D Ashok Babu,  Dr C Yaashuwanth,  Dr P Prabhavathy | Dr C Gopinath  Dr T Annamalai  Ms 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 | 202041030938  20.7.2020(Filed)  Published (31/7/2020)  2/3/2021(granted) | **Granted**  **Patent No.**  **360059** |