**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**Patents submitted to IPR in the year 2018-2019 : 11**

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| **S.No.** | **Name of the Applicants** | **Name of the Inventors** | **Title**  | **Application Number and Patent filed date** | **Current status** |
| **1.** | Sri Venkateswara College of EngineeringDepartment of Chemical 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 & 20/04/2018 | **Published**  |
| **2.** | Ms M Sanyukthaa,Mr Arumn RamBiotechnology | Ms M Sanyukthaa,Mr Arumn Ram | Edible and bio-degradable packaging film | 20184102404128.6.2018 | **Under review** |
| **3.** | Dr S Ramesh BabuDr R RameshDr C SenthamaraikannanMechanical Engineering | Dr S Ramesh BabuDr R RameshDr C Senthamaraikannan | Design and Development of Higher order device with adjustable deflection corrective Mechanism for forced vibration study | 2018410159427.4.2018 | **Under review** |
| **4.** | Dr R AnithaComputer Science and Engineering | Dr R AnithaMr.C.Muralidharan, Ms. P.VinothiyalakshmiMs. T Padmavathy. | Search & Place Filter(SPF) - A Probabilistic Data Structure for Virtualization | 201841038564on 2.11.2018 | **Published** |
| **5.** | Dr C JayakumarComputer Science and Engineering | Dr C Jayakumarand Dr T P Rani | Trust aware replica detection using localization and unique identity in Wireless Sensor Networks | 20184100206016.11.2018 | **Published**  |
| **6.** | Dr P JothilakshmiMs B HemalathaElectronics and Communication Engineering | Dr P JothilakshmiMs B Hemalatha | Frequency Reconfigurable Microstrip Antenna for Satellite Applications | 201841019573On 25.5.2018Published on 8.3.2019 | **Published** |
| **7.** | Sri Venkateswara College of EngineeringElectrical and Electronics Engineering | Mr M RajvikramLeoponraj.S and Ram Kumar. S | Heat absorption and Dissipation Methodology for abasement of febricity in solar photovoltaic panel | 20194100241421.1.2019 | **Published** |
| **8.** | Dr C SenthamaraikannanMechanical Engineering | Dr C SenthamaraikannanDinesh.S,Guna.V, Arun.A, Bharathi Mohan.S | Groundnut Harvester for Indian Farmers | 20194101692829.4.2019 | **Under Review** |
| **9.** | Dr S IlaiyavelMechanical Engineering | Dr S Ilaiyavel,Mr V SenthilvelanMr S C Atul | Surface modification of metal working tools using thermal diffusion heat treatment for Enhanced PERF | 2019410191697.5.2019 | **Under Review** |
| **10.** | Dr C GopinathElectrical 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** |
| **11.** | Ms. M. SanyukthaaBiotechnology | Ms. M. SanyukthaaMr. S.P. Arunram/ME Dr E. Nakkeeran/BT Mr M. Nishal/ME | Preparation of Rice Starch-Based Biodegradable Film | 2019410223686.6.2019 | **Under Review** |