**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 Engineering  Department 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 Ram  Biotechnology | Ms M Sanyukthaa,  Mr Arumn Ram | Edible and bio-degradable packaging film | 201841024041  28.6.2018 | **Under review** |
| **3.** | Dr S Ramesh Babu  Dr R Ramesh  Dr C Senthamaraikannan  Mechanical Engineering | Dr S Ramesh Babu  Dr R Ramesh  Dr C Senthamaraikannan | Design and Development of Higher order device with adjustable deflection corrective Mechanism for forced vibration study | 20184101594  27.4.2018 | **Under review** |
| **4.** | Dr R Anitha  Computer Science and Engineering | Dr R Anitha  Mr.C.Muralidharan,  Ms. P.Vinothiyalakshmi Ms. T Padmavathy. | Search & Place Filter(SPF) - A Probabilistic Data Structure for Virtualization | 201841038564  on 2.11.2018 | **Published** |
| **5.** | Dr C Jayakumar  Computer Science and Engineering | Dr C Jayakumar  and Dr T P Rani | Trust aware replica detection using localization and unique identity in Wireless Sensor Networks | 201841002060  16.11.2018 | **Published** |
| **6.** | Dr P Jothilakshmi  Ms B Hemalatha  Electronics and Communication Engineering | Dr P Jothilakshmi  Ms B Hemalatha | Frequency Reconfigurable Microstrip Antenna for Satellite Applications | 201841019573  On 25.5.2018  Published on 8.3.2019 | **Published** |
| **7.** | Sri Venkateswara College of Engineering  Electrical and Electronics Engineering | Mr M Rajvikram  Leoponraj.S and Ram Kumar. S | Heat absorption and Dissipation Methodology for abasement of febricity in solar photovoltaic panel | 201941002414  21.1.2019 | **Published** |
| **8.** | Dr C Senthamaraikannan  Mechanical Engineering | Dr C Senthamaraikannan  Dinesh.S,Guna.V, Arun.A, Bharathi Mohan.S | Groundnut Harvester for Indian Farmers | 201941016928  29.4.2019 | **Under Review** |
| **9.** | Dr S Ilaiyavel  Mechanical Engineering | Dr S Ilaiyavel,  Mr V Senthilvelan  Mr S C Atul | Surface modification of metal working tools using thermal diffusion heat treatment for Enhanced PERF | 201941019169  7.5.2019 | **Under Review** |
| **10.** | Dr C Gopinath  Electrical 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. Sanyukthaa  Biotechnology | Ms. M. Sanyukthaa  Mr. S.P. Arunram/ME  Dr E. Nakkeeran/BT  Mr M. Nishal/ME | Preparation of Rice Starch-Based Biodegradable Film | 201941022368  6.6.2019 | **Under Review** |