**Patent Granted (As on 06.03.2024)**

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| **S. No.** | **Name of the Scientists and Discipline** | **Inventions** | **Patent Application Number** | **Patent Number** | **Date of Filing** | **Date of Patent Granted** |
| 1. | Dr.S.Mohan,  Agricultural Entomology | A Device to Remove Insect Eggs from Stored Pulse Seeds | 510/MAS/2002 | 198434 | 10.07.2002 | **24.10.2007** |
| 2. | Dr. G.Kathiresan, Agronomy | Sugarcane Detrasher | 725/CHE/2003 | 204273 | 12.09.2003 | **18.03.2007** |
| 3. | Dr.R.Jagannathan, Agronomy, | COCOLIFE (Coconut Fertilizer Briquette Embedded in Coirpith Hollow Briquette | 1044/CHE/2004 | 210050 | 11.10.2004 | **19.09.2007** |
| 4. | Dr.P.M.M. David,  Agricultural Entomology | A Multipurpose Device for the Management of Insects and Rodents | 184/MAS/2000 | 201482 | 07.03.2000 | **07.04.2008** |
| 5. | Dr.V.Udayasuriyan, Biotechnology | Construction of New Chimeric Cry2Ax1 Gene of *Bacillus Thuringiensis* Encoding Protein with Enhanced Insecticidal Activity | 1329/CHE/2006 | 244427 | 28.07.2006 | **07.12.2010** |
| 6. | Dr.R.Balasaraswathi*,*  Biotechnology | A cDNA (BAPc DNA L1) From *Bougainviilea Spectabilis*Willd Leaves Encoding a Protein with Antiviral & Ribosome Inactivating Activity and a Method for Obtaining the Same | 270/DEL/2006 | 248606 | 01.02.2006 | **28.07.2011** |
| 7. | Dr.K.Kailappan,  Agricultural Processing | Process for the Production of Ready to Cook Mix and Food from Pearl Millet | 2310/CHE/2006 | 250608 | 13.12.2006 | **12.01.2012** |
| **Patent filed after formation of IPR cell/Department/IPMC** | | | | | | |
| 8. | Dr.S.Mohan,  Agricultural Entomology | A Device to Monitor Stored Grain Insects in Bag Stacks | 1773/CHE/2008 | 284727 | 24.07.2008 | **29.06.2017** |
| **S. No.** | **Name of the Scientists and Discipline** | **Inventions** | **Patent Application Number** | **Patent Number** | **Date of Filing** | **Date of Patent Granted** |
| 9. | Dr.V.Udayasuriyan, Biotechnology | Novel Gene of Bacillus thuringiensis Encoding Insecticidal Protein | 476/CHE/2009 | 291085 | 04.03.2009 | **27.12.2017** |
| 10. | Dr. R. Poorniammal,  Asst. Professor, Agricultural Microbiology | Process for Producing A Natural Yellow Pigment by Submerged Fermentation of A Fungi Thermomycessp | 4456/CHE/2011 | 304979 | 19.12.2011 | **27.12.2018** |
| 11. | Dr.S.Prabhu,  Asst. Professor, Plant Nematology | Water Soluble Gel Formulation Comprising Of Entomo-pathogenic Nematodes and Its Preparation Thereof | 5227/CHE/2012 | 310880 | 14.12.2012 | **04.04.2019** |
| 12. | Dr.R.Umarani, Seed Science and Technology | Technology for Secondary Protein Extraction for Seed Treatment and Foliar Spray Application | 845/CHE/2010 | 351560 | 29.03.2010 | **13.11.2020** |
| 13. | Dr.P.Kamaraj, Assistant Professor of Farm Machinery | Hand Operated Farm Tool for Removing Mother Shoots of Sugarcane Crop | 3037/CHE/2013 | 351648 | 08.07.2013 | **16.11.2020** |
| 14. | Dr.K.Kailappan, Professor (Retd.) Food and Agricultural Process Engineering | Cleaner for Onion Seed | 5417/CHE/2014 | 355951 | 30.10.2014 | **15.01.2021** |
| 15. | Dr.U.Sivakumar, Agricultural Microbiology | High Level Secretion and Method of Production of Laccase (LccH) by a Novel Basidiomycetus Fungus MSF2 and Uses Thereof | 645/CHE/2015 | 356767 | 10.02.2015 | **27.01.2021** |
| 16. | Dr.K.Kailappan, Professor (Retd.), Food and Agricultural Process Engineering | Pre-thresher, Thresher and Pre-cleaner for Onion Umbels | 5413/CHE/2014 | 366720 | 30.10.2014 | **14.05.2021** |
| 17. | P.Marimuthu, Asst. Professor, Dept. of Nanotechnology, TNAU, Coimbatore | Cyclodexin based smart delivery system for hexanal to extend the shelf life of mango | 201841029511 | 392783 | 06.08.2018 | **24.03.2022** |
| **S. No.** | **Name of the Scientists and Discipline** | **Inventions** | **Patent Application Number** | **Patent Number** | **Date of Filing** | **Date of Patent Granted** |
| 18. | Dr.C.R.Ananda Kumar Plant Breeding | Relative Water Position Method For Early Identification of Drought Resistance in Rice Cultivars | 3383/CHE/2011 | 404441 | 29.09.2011 | **24.08.2022** |
| 19. | C.Sivananth and S.Amutha, BIRAC fellow | Groundnut Germ Oil Extraction By Cold Processing Thereof | 201841004040 | 412249 | 02.02.2018 | **23.11.2022** |
| 20. | Dr.K.S.Subramanian, Director of Research, TNAU, Coimbatore. | Electrospun Nano - Fibre Matrix (STICKER) technology to extend shelf-life of Mango | 201841029513 | 423341 | 06.08.2018 | **27.02.2023** |
| 21. | Dr. S. Jeyarajan Nelson Professor,  Dept. of Entomology, | Botanical Formulation Comprising Beta Asarone and Methods of Preparing the Same | 201741041859 | 437289 | 22.11.2017 | **05.07.2023** |
| 22. | Dr. S. Pugalendhi  Professor and Head, Dept. of Agricultural of Bioenergy, AC&RI, | Portable plasma torch for gasification of heterogeneous wastes | 201741015707 | 500207 | 04.05.2017 | **17.01.2024** |
| 23. | DR.P.Manidurai Manohar David,  Professor (Retd.),  Agricultural Entomology | Receptacle –Spun Honey Extractor | 201741022759 | 510978 | 29.06.2017 | **15.02.2024** |
| 24. | Dr.A.Lakshmanan, Professor and Head, Dept. of Nano Science and Technology, TNAU, Coimbatore | Decontamination and simultaneous lipid production form sago processing wastewater (SWW) by oleaginous yeast strain and uses there of | 202041025010 | 514071 | 15/06/2020 | **22.02.2024** |