

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY  
 DOTE Campus, Chennai-600025

STUDENT PROJECTS SCHEME 2021-2022

LIST OF APPROVED PROJECTS - SCIENCE

No.	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amt. Rs.
<b>AGRICULTURAL SCIENCES</b>					
1.	Ms.V.Praba Assistant Professor Department of Computer Science Engineering Sri S.Ramasamy Naidu Memorial College Sattur, Virudhunagar-626 203	Smart crop leaf disease detection using IoT and machine learning algorithms	S.Nandhini	AS-006	7500/-
2.	Mrs.S.Balasaraswathi Assistant Professor Department of Home Science V.V. Vanniyaperumal College for Women Virudhunagar-626 001	Development and analysis of immunity boosting food products to avert infectious diseases	A.Gowsalya	AS-188	7500/-
3.	Dr.M.Sridevi Professor and Head Department of Biotechnology Vinayaka Mission's Kirupanandha Variyar Engineering College Periya Seeragapadi Salem-636 308	Production of mulch film from sugarcane bagasse and chicken feathers- A novel approach	E.Elanchezhiyan, E.Subalashmi	AS-008	7500/-
4.	Dr.E.Dilipan Assistant Professor Department of Biotechnology Selvam College of Technology Pappinaickenpatti Namakkal-637 003	Understanding genetic variability in green gram (Vigna radiata L.) using two gene targeted CAAT box- derived polymorphism (CBDP) and start codon targeted (SCoT) polymorphism markers under salt stress	M.Blessi, A.Jawahar Nisha, S.Sindhuja, K.Swarna Prabha	AS-253	7500/-
5.	Dr.P.A.Raajeswari Assistant Professor Department of Food Science and Nutrition Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore-641 043	Upscaling Bio waste- Ground nut shell to Eco-friendly packaging materials	N.Roshini	AS-010	7500/-
6.	Dr.C.Kavitha Assistant Professor Department of CSE Sri Kaliswari College A.Meenakshipuram Sivakasi-626 123	Smart agriculture using evana sensor	K.T.Kirubasekar, G.Rajkumar	AS-179	7500/-
7.	Dr.K.R.T.Asha Assistant Professor and Head Department of Biochemistry Government Arts College Paramakudi-623 701 Ramanathapuram Dt.	Effect of barracuda fish waste as fertilizer for photosynthetic yield of centella asiatica	S.Mukila	AS-012	7500/-

335.	Prof.Dr.Ragunathan Muthuswamy Assistant Professor, Department of Microbiology Vivekananda Pharmacy College For Women Sankari, Veerachipalayam, Salem- 637 303	Antifungal Activity of Matured Stem And Bark Extract of Murraya Koenigii	S.Angelin, D.Bhuvana, S.Keerthana, M.Lavanya	MS-482	7500/-
336.	Dr.Shyam Sivasamy Associate Professor, Department of Public Health Dentistry Meenakshi Ammal Dental College and Hospital Maduravoyal, Chennai-600095	Assessment of remineralizing efficacy of black seed extract and its comparison with grape seed extract on incipient carious lesion: an invitro study	Mohammed Meera Riyaz.S	MS-147	7500/-
337.	Dr.M.Subaraja Assistant Professor Department of Biochemistry Vivekanandha College of Arts and Sciences for Women Elayampalayam Tiruchengode - 637205	Assesment of neuropathology and neuronal behaviour on probiotic food induced in drosophilla melanogaster model	S.Pradeebha	MS-425	7500/-
338.	Dr.P.Thirunavukkarasu Assistant professor Department of Biotechnology Nehru Arts and Science College Coimbatore-641105	Bacterial Polyhydroxyalkanotes (Biopolymers) Biosynthesis, Structural Characterization and Polymeric based Nanoparticles of Interest in Biomedical Applications	Mariya George	MS-160	7500/-
339.	Dr.N.Hemalatha Assistant Professor Department of Microbiology Periyar University PG extension centre Salem-636011	Biosynthesis of Silver Nanoparticles (AgNPs) using Aspergillus flavus and its application as antibiofilm agent against Multi Drug Resistant Staphylococcus aureus (MDRSA) biofilm	Kavya.S	MS-384	7500/-
340.	Dr.J.Thanka Vice Principal and Professor Department of Pathology Sree Balaji Medical College & Hospital, Chennai-600044	Immunohistochemical study of p53 expression in endometrial hyperplasia and endometrial carcinoma	Gayathri.E	MS-499	7500/-
341.	Dr.K.Deepalakshmi Head of the Department Department of Biotechnology Prince Shri venkateshwara college of arts and science Sembakkam, Chennai-600073	Crab Shell Extract Against Cervical Cancer Cell Line (HT-3)	Rakeshwaran.A	MS-173	7500/-
342.	Dr.E.M.Rajesh Assistant Professor, Department of Applied Microbiology PSG College of Arts and Science, Coimbatore - 641014	Enhancement of antimicrobial activity of TiO <sub>2</sub> Nanoparticles modified by Selenicereus undatus extract	Siddiq Fayaz.A	MS-179	7500/-
343.	Dr.Sunitha kumari Assistant Professor, Department of Botany PSGR Krishnammal college for women, Coimbatore-641004	Anthocyanin rich biocolourant extraction to prevent anaemia in women	Varshini S	MS-471	7500/-