

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

STUDENT PROJECT SCHEME 2019-2020
APPROVED LIST OF PROJECTS - SCIENCE STREAM

No.	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amt. Rs.
Agricultural Sciences					
1.	Dr. G. Srinivasan Professor Dept. of Agronomy Agricultural College & Research Institute Madurai - 625 104	Bio-Efficacy of Sequential Appliation of Herbicides in Maize	R. Arockia Infant Paul	AS-001	7500/-
2.	Dr. V. Perasiriyar Professor Dept. of Food Business Mangt. College of Food and Dairy Technology, Tamil Nadu Vertinary and Animal Science University (TANUVAS) Chennai - 600 052	Super Food Greens Blend: A Low Cost Strategy to Combat Micronutrient Deficiencies	S.S. Preetha	AS-002	7500/-
3.	Dr. E. Subramanian Assistant Professor Dept. of Agronomy Agricultural College & Research Institute Madurai - 625 104	Study on Irrigation Regime and Feasibility of Intercropping in Aerobic Rice	M. Mahalakshmi	AS-003	7500/-
4.	Dr. T. Thirumurugan Assistant Professor Dept. of Plant Breeding and Genetics Anbil Dharmalingam Agricultural College and Research Institute Trichy - 620 027	Screen and Identification of Salt Tolerant Rice Landraces under Sodcity	S. Manju	AS-004	7500/-
5.	Dr. S. Banumathy Associate Professor Dept. of Plant Breeding & Genetics Agricultural College & Research Institute Madurai - 625 104	Phenotyping and Genotyping of Saltol introgressed Lines of Rice for Salinity Tolerance	U. Kiruthikadevi	AS-005	7500/-
6.	Dr. M. Chandrasekaran Assistant Professor Dept. of Plant Protection Anbil Dharmalingam Agricultural College and Research Institute Trichy - 620 027	Studies on Fruit Fly Diversity and Trapping System in Snake Gourd	L. Sowmiya	AS-006	7500/-
7.	Dr. R.P. Gnanamalar Professor Dept. of Plant Breeding & Genetics Agricultural College & Research Institute Madurai - 625 104	Genetic Variability Studies in F2 and F3 Generations for Short Slender Aromatic Rice	R. Sathishkumar	AS-007	7500/-

8.	Dr. M. Jayasekhar Professor Dept. of Plant Pathology Agricultural College & Research Institute Killikulam, Vallanadu, Thoothukudi - 628 252	Evaluation of Arbuscular Mycorrhizal Fungi (AMF) against Stem Rot Disease caused by Sclerotium Rolfsii of Tuberose (Polianthes Tuberosa)	P. Boopathi	AS-008	7500/-
9.	Dr. R. Krishnamoorthy Assistant Professor Dept. of Agronomy Annamalai University Chidambaram - 608 002	Effect of Age of Seedlings and Nutrient Management on the Growth and Yield of Redgram	V. Priyadarsini	AS-009	7500/-
10.	Dr. D. Kumarimanimuthu Assistant Professor Dept. of Agronomy Annamalai University Chidambaram - 608 002 Veerai	Effect of Liquid Organic Manures on Growth Yield and Grain Quality of Sweet Corn	G. Abirami	AS-010	7500/-
11.	Dr. M. Arumugam Pillai Professor Dept. of Plant Breeding & Genetics Agricultural College & Research Institute Killikulam, Vallanadu, Thoothukudi - 628 252	Mutation Studies on Cowpea for Resistance to Biotic Stress	S. Priyadharshni	AS-011	7500/-
12.	Dr. N. Balakrishnan Associate Professor Dept. of Agricultural Entomology Agricultural College & Research Institute Killikulam, Vallanadu, Thoothukudi - 628 252	Characterization and Toxicity Analysis of Indigenous Bacillus Thuringiensis Isolates against the Invasive pest Fall Armyworm, Spodoptera Frugiperda (JE Smith)	S. Anu Shobiya	AS-012	7500/-
13.	Dr. B. Usharani Assistant Professor Dept. of Agri Entomology Agricultural College & Research Institute Madurai - 625 104	Pollination Efficiency of Honey Bees in Coriander, Coriandrum Sativum L.	G. Madhu Vandhi	AS-013	7500/-
14.	Dr. K. Sujatha Professor Dept. of Seed Science & Tech, Agricultural College & Research Institute Madurai - 625 104	Seed Technological Studies in Solanum Nigrum L. (Black Night Shade)	M. Poovizhi	AS-014	7500/-
15.	Dr. L. Nivetha Asst. Professor Dept. of Biotechnology PSG College of Arts & Science Coimbatore - 641 014	Innovative Ways of Bio- Controlling Agent, Plant Extracts and Organic Amendments Against Black Rot of Cauliflower Caused By Xanthomonas Campestris Pv. Campestris	N. Thasneem Nisha	AS-015	7500/-
16.	Dr. S. Merina Prem Kumari Assistant Professor Dept. of Plant Breeding and Genetics, Agricultural College & Research Institute Killikulam, Vallanadu, Thoothukudi - 628 252	Improvement of Rice Cultivars Kalinga and ADT 43 for Salt Tolerance by in Vitro Mutation	R. Venkateshan	AS-016	7500/-

17.	Dr. D. Kalyanasundram Professor Dept. of Agornomy Annamalai University Chidambaram - 608 002	Foliar Nutrition to Augument Cotton Yield and to Enhance the Livelihood of Resources Poor Coastal Farmers	S. Harini Sri	AS-017	7500/-
18.	Ms. A. Caroline Assistant Professor Dept. of Food Processing and Preservation Technology Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore - 641 108	Automated Fish Cutter Cum Cleaner and Organic Feed Maker	M. Afrin R. Akshitha R.R. Kaaviya Sri M. Saradhambal	AS-018	7500/-
19.	Dr. L. Palaniappan Professor, Dept. of Physics Annamalai University Chidambaram - 608 002	Conversion of Salt Water into Potable Water for Agricultural Purpose	R. Aarthi	AS-019	7500/-
20.	Dr. Anitha Subash Professor Dept. of Biochemistry Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore - 641 043	Utilization of Fruit, Vegetable and Flower Wastes for Vermicomposting and Screening for Industrial Enzymes	S. Kiruthika	AS-020	7500/-
21.	Dr. V. Ambikapathy Associate Professor PG & Research Dept. of Botany & Microbiology A. Veeriya Vandayar Memorial Sri Pushpam College, Poondi-613 503	Collection and Documentation of Medicinal Mushroom Associated Trichoderma SP. Analysis using 18S rRNA Gene Sequencing	P. Prakash	AS-021	7500/-
22.	Ms. R. Premalatha Assistant Professor Dept. of Microbiology & Biochemistry Nadar Saraswathi College of Arts and Science Theni - 625 531	Cost Effective Carrier Material Inmaintaining Soil Fertility and Enhancing Plant Growth	M.R. Viniba Deepa	AS-022	7000/-
23.	Dr. V.V. Gomathi Assistant Professor Dept. of Software Systems KG College of Arts and Science, Coimbatore - 641 035	Farm Friend-A Smart Farm System To Enhance the Farmer's Wealth	S. Dinesh G. Naveenkumar S. Ajay R. Gokulbalaji	AS-023	7500/-
24.	Dr. J. Hemapriya Assistant Professor PG and Research Dept. of Microbiology D.K.M. College for Women Vellore - 632 001	Formulation of Green Nano- Fertilizer using Nano crystalline Hydroxyapatite from Waste Egg Shell and Microbial Nano Urea to Enhance the Plant Growth Through Slow and Sustained Release of Nitrogen	R. Thamizharasi K. Priya	AS-024	7500/-
25.	Dr. T. Mathavan Assistant Professor PG & Research Dept. of Physics, Nadar Mahajana Sangam S. Vellaichamy Nadar College Madurai - 625 019	Cost Effective Greywater Treatment and its PH Control using Activated Charcoal for Irrigation with Fertilizer Chamber	M. Pavalamuthu C. Parthasarathi	AS-025	7500/-

26.	Dr. P. Sathishkumar Assistant Professor Dept. of Botany Nallamuthu Gounder Mahalingam College Pollachi - 642 001	Edible Coating from Nontoxic Biomaterials for Extending Shelf Life of Fruits and Vegetables	M. Meenambigai J. Logeshwari P.V. Akhila	AS-026	7500/-
27.	Dr. A. Vinoth Assistant Professor Dept. of Botany St. Xavier's College Palayamkottai - 627 002	Utilization of Invasive Weed (Water Hyacinth) as Organic Compost and Vermicompost for the Cultivation of Vigna Mungo (L.) Hepper	M. Muppudathi R. Kohila	AS-027	7500/-
28.	Dr. V. Baskar Assistant Professor PG & Research Dept. of Microbiology M.R. Government Arts College, Mannargudi-614001	Evaluation of Phosphate Solubilizing Bacteria in Agriculture Soil and as a Biofertilizer Potential in Chilli Plant (Capsicum Annum L.)	J. Eswari	AS-028	7500/-
29.	Dr. M. Viji Assistant Professor Dept. of Botany Thiagarajar College Madurai - 625 009	Effects of Antioxidants to Overcome Browning of Callus Induction and Induction of Somatic Embryogenesis in Cajanus Cajan (L.) Millsp.	M. Sakthimari	AS-029	7500/-
30.	Mrs. Dr. D. Vijayarani Assistant Professor Dept. of Home Science V.V. Vanniaperumal College for Women Virudhunagar - 626 001	Extraction of Antioxidant from Fruit Peels and its Utilization in Storage Stability of Oil	B. Pavithra	AS-030	7500/-
31.	Dr. E.M. Rajesh Assistant Professor Dept. of Microbiology PSG College of Arts and Science, Coimbatore - 641 014	Identification of Entomopathogenic Fungi from Maconellicoccus Hirsutus and its Application as Biological Control against Maconellicoccus Hirsutus	S.K. Apoorva	AS-031	7500/-
32.	Ms. K. Ahilandeswari Assistant Professor PG & Research Dept. of Microbiology Sengamala Thayaar Educational Trust Women's College, Mannargudi - 614 001	Biodynamic Farming System on Sustainable Cultivation of Organic Rice	D. Pradeepa	AS-032	7500/-
33.	Dr. M. Suriya Prabha Assistant Professor PG & Research Dept. of Microbiology Sadakathullah Appa College Tirunelveli - 627 011	Isolation of Microbiome from Fermented Rice Water	K. Gajalakshmi S. Ayisha Thaslim K. Abrose	AS-033	7500/-
34.	Dr. B. Thamarai Selvi Associate Professor Dept. of Microbiology Sri Ramakrishna College of Arts and Science for Women Coimbatore - 641 044	Preservation of Fruits and Vegetables using Aloe Vera as Edible Coating	M. Malar Selvi K. Nivetha S. Pavatharani M. Saranya	AS-034	7000/-
35.	Dr. M. Angel Assistant Professor PG & Research Dept. of Nutrition and Dietetics Jamal Mohamed College Trichy - 620 020	Antioxidant Activity and Nutrient Composition of Banana Peel Powder Incorporated Food Products	N. Nikmat Begam	AS-035	7500/-

36.	Mr. U. Rajasekaran Assistant Professor Dept. of ECE Builders Engineering College Tirupur - 638 108	Smart Irrigation System using Solar Panel with the Help of Soil Sensors	A. Dharanya S. Indhu R. Ponvivek	AS-036	7500/-
37.	Ms. M. Ramya Princess Assistant Professor Dept. of EIE SRM Valliammai Engineering College Kattankulathur - 603 203	Humanless Farming	A. Nivetha P. Pavithra V. Ramesh Aravind J.A. Rishigha	AS-037	7500/-
38.	Ms. R. Sunandhini Assistant Professor Dept. of Social Science Imayam Institute of Agriculture and Technology Trichy - 621 206	An Economic Impact Assessment of Crop Insurance Schemes with Special Reference to PMBY in Tiruchirappalli District	R. Nidhishree G. Dharshini N.R. Hariharan A. Sathishkumar	AS-038	7500/-
39.	Mr. Sathishkumar Subramanian Assistant Professor Dept. of EEE Bannari Amman Institute of Technology Sathyamangalam - 638 401	Development of BLDC Motor Based Multinozzle Pesticides Sprayer Pump	S. Dineshkumar E. Giri Prasanth M. Hariprasath	AS-039	7500/-
40.	Mr. J. Sridhar Assistant Professor Dept. of ECE Erode Sengunthar Engineering College Erode - 638 057	Greenhouse Environment Controlling Robot	R. Ashwini M. Gayathri M. Gowsalya S. Valliammai	AS-040	7500/-
41.	Mr. R. Saravanan Assistant Professor Dept. of Mechincal Engineering KIT - KalaignarKarunanidhi Institute of Technology Coimbatore - 641 402	Manually Operated Multipurpose Agriculture Machine	S.P. Abith Sakin S. Dharmaraj Boopathy S.A. Karthikeyan	AS-041	7000/-
42.	Mr. T. Rajasekar Assistant Professor Dept. of ECE Agni College of Tech., Chennai - 600 130	Unmanned Ground Vehicle for Detecting Nutrient Deficiency in Crops	T. Amirtha T. Gokulalakshmi P. Umamaheswari	AS-042	7500/-
43.	Dr. G. Ayyappadasan Assistant Professor Dept. of Biotechnology K. S. Rangasamy College of Technology Tiruchengode - 637 215	Production and Characterization of iron and copper nanoparticles obtained from e-waste for sustainable biofertilizer	S. Bhurniammal	AS-043	7500/-
44.	Dr. N. Radhakrishnan Professor & HoD Dept. of Biochemistry St. Peter Institute of Higher Education and Research Chennai - 600 054	Bioefficacy of Embelia Ribes Burm F. (Myrsinaceae) against Lepidopteran Pest Spodoptera Litura and their Efficacy Against Beneficial Earthworms	A. Abdul Malik Ibrahim	AS-044	7500/-
45.	Mr. P. Praveen Assistant Professor Dept. of Mechanical Engg., Kongu Engineering College,Perundurai, Erode-638 060	Biodegradable Tomato Seedling Trays made from Tapioca Waste	S. Santhosh R. Raaghul A.S. Pramoth Kumar	AS-045	5000/-

46.	Dr. T. Gunasekar Assistant Professor Dept. of EEE Kongu Engineering College Perundurai, Erode - 638 060	Smart Monitoring System for Borewell Vehicle	C. Gobinath N. Manoj A.D. Naveena T. Nandhini	AS-046	7500/-
47.	Mr. S. Purushothaman Assistant Professor Dept. of ECE PGP College of Engineering and Technology Namakkal - 637 207	Effective Implementation of Elephant Repellency System to Protect Damage of Crops using Parallel Communication	A. Dhivya	AS-047	7500/-
48.	Dr. K. Srinivasan Professor & Head Dept. of EIE Sri Ramakrishna Engineering College Coimbatore - 641 022	Development of Portable Device with IoT for Monitoring Soil Nutrients for Farmers	K. Murugavel Rajan J. Hariharan C.D. Paterson	AS-048	7500/-
49.	Dr. P. Vasantha Srinivasan Assistant Professor & HoD Dept. of Biotechnology St. Peter Institute of Higher Education and Research Chennai - 600 054	Multi-Potency of Dynamic Phytochemicals Derived from Embelia Ribes Burm F. (Myrsinaceae) Against American Bollworm, Helicoverpa Armigera and Dengue Mosquito Vector Aedes Aegypti Linn	P. Jessy Martina	AS-049	7500/-
50.	Dr. M. Helda Mercy Professor Dept. of Information Technology Panimalar Engineering College Chennai - 600 123	Eco - Soil Inspector with Agri Website	R. Maria Brigitha T. Gayathri V. Banumathi R. Dhanusha	AS-050	7500/-

Biological Sciences

51.	Dr V. Ramasubramanian Professor Dept. of Zoology Bharathiar University Coimbatore - 641 046	Isolation and Characteri-zation of Selenium and Green Synthesis of Selenium Nanoparticles as Feed Additive for Growth Perfor-mance of Cirrhinus Mrigala	M. Antony Anista	BS-001	7500/-
52.	Dr. P. Priya Assistant Professor PG & Research Dept. of Zoology Pachiyappa's College Chennai - 600 030	In vitro anticancer activity of the compound isolated from the leaf extract of Elytraria acaulis and in silico analysis of the isolated compound	S. Hepzibah Priscilla	BS-002	7500/-
53.	Dr. A. Veeramani Assistant Professor Dept. of Zoology Government Arts College Kumbakonam - 612 002	Study on Diversity of Amphibian Fauna and their Role in Biological Control of Insect Pests at Cauvery Delta Regions of Tamil Nadu	B. Kumarasen	BS-003	7500/-
54.	Dr. S. Subhashini Assistant Professor Dept. of Zoology Arulmigu Palani Andavar Arts College for Women Palani - 624 615	Studies on the influence of microbial diversity in coconut fiber retting	C. Logadeepa M. Preetha S. Sangeetha	BS-004	7500/-

55.	Dr. T. Selvamohan Assistant Professor Dept. of Zoology Rani Anna Government College for Women Tirunelveli - 627 008	Optimization of the Lipase Enzyme Activity Production of Bacillus Amyloliquefaciens from Rock Lobster	M. Esakkiammal	BS-005	7500/-
56.	Dr. N. Radhakrishnan Assistant Professor Centre for Advanced Studies in Botany University of Madras Guindy - 600 025	A Potency of Glycylglycine as Elicitors of Plant Defence Against Early Blight Disease of Solanum Lycoperscium Linn	J. Mohanaprasad E. Pavithara R. D. Charumathi	BS-006	7500/-
57.	Dr. T. Sakthivel Assistant Professor Dept. of Zoology Kongunadu Arts and Science College Coimbatore - 641 029	Performance Analysis of Eco- Friendly Solar Disinfection Unit (For Potable Water) specially Designed for the District of Coimbatore	J.P. Malavika	BS-007	7500/-
58.	Dr. P. Kannan Assistant Professor Dept. of Botany The Madura College Madurai - 625 011	Micro propagation of medicinal tree species (Buchanania axillaris) (Desr.) Ramam. From eastern ghats of Tamilnadu	S. Jeevitha	BS-008	7500/-
59.	Dr. N. Thajuddin Professor Dept. of Microbiology Bharathidasan University Tiruchirapalli - 620 024	Bacteriophages as a potent tool to combat the Vibrio spp. Biofilms in aquaculture industries	K. Rajesh	BS-009	7500/-
60.	Dr. SR. M.S. Rubha Associate Professor & HoD Dept. of Food Science and Nutrition Holy Cross Home Science College Thoothukudi - 628 003	Impact of Supplementation of Pirandai Powder for Margin list Women with Osteoporosis in Thirunelveli District	I. Aneesa Ahamed	BS-010	7500/-
61.	Dr. R. Ramasubburayan Assistant Professor Dept. of Animal Science Manonmaniam Sundaranar University Tirunelveli - 627 012	Evaluation and Formulation of Probiotic Product for Culture of Fresh Water Fish Catla Catla	M. Kavitha	BS-011	7500/-
62.	Ms. C. Sathyalakshmi Associate Professor Dept. of Food Science and Nutrition Holy Cross Home Science College Thoothukudi - 628 003	Memory power and physical health of the children in the age group of 5 to 10 years A study with special reference to the application of natural substances	J. Jasper Beulah	BS-012	7500/-
63.	Dr. J. Vinoth Assistant Professor Dept. of Zoology Thiagarajar College Madurai - 625 009	Biofilm Inhibition Potentials of Bioactive compound from Marine Macro Algae against Azole Resistance Candida Albicans	A. Mizaair Mehtha	BS-013	7500/-
64.	Dr. T. Angeline Assistant Professor Dept. of Zoology The American College Madurai - 625 002	Analysis of genetic variations by DNA barcoding in striped murrel fish at three districts of South Tamilnadu	P. Joseph Antony Reneese	BS-014	7500/-

65.	Dr. T. Ramesh Assistant Professor Dept. of Zoology Vivekananda College Madurai - 625 214	Assessment of DNA Damage by Alkaline comet assay in occupationally exposed welders in Madurai	T. Gokul	BS-015	7500/-
66.	Dr. S. Abirami Assistant Professor & HoD. of Microbiology Kamaraj College Thoothukudi - 628 003	Larvicidal activity of soil pseudomonas metabolites against vector mosquitoes	P. Preethi	BS-016	7500/-
67.	Dr. D. Mubeen Sultana Assistant Professor Dept. of Zoology Justice Basheer Ahmed Sayeed College for Women Chennai - 600 018	Bio-remediation of polymer effluent and its reuse for Agriculture and Aquaculture	B. Sowmiya N. Sandhya	BS-017	7500/-
68.	Dr. M. Ramesh Associate Professor Dept. of Biotechnology Alagappa University Karaikudi - 630 003	Development of improved micropropagation protocol for IUCN RED Listed medicinal shrub of Southern Western Ghats, Nilgiranthus Ciliatus (Wall. ex Nees) Bremek	S. Rajeswari	BS-018	7500/-
69.	Dr. R. Ramakrishnan Associate Professor & Head Dept. of Zoology Ayya Nadar Janaki Ammal College Sivakasi - 626 124	Chitosan Nanoparticles against the Silkworm Pathogenic Microbes and their Biocompatible Antioxidants	G. Sindhuja	BS-019	7500/-
70.	Dr. J. Paramanandham Assistant Professor Dept of Zoology & Wildlife Biology A.V.C. College Mannampandal- 609 305	Population Status and People Perception on Indian Peafowl (Pavo Cristatus Linnaeus, 1758) in Cauvery Deltaic Region of Tamil Nadu, India	B. Sanjeev	BS-020	7500/-
71.	Dr. K. Manimegalai Professor Dept. of Zoology Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore - 641 043	In silico studies and effect of allium sativum against Sri Lankan weevil myllocerusundatus (Coleoptera : Curculionidae)	S. Anuprabaa	BS-021	7500/-
72.	Dr. Rachel Regi Daniel Visiting Professor Dept. of Botany Lady Doak College Madurai - 625 002	Phyto chemical Screening and Functional Group Analysis by the FTIR Spectroscopy of Selected Medicinal Plants Collected from Som Villages of Tuticorin District	A. Esther	BS-022	7000/-
73.	Dr. M. Kumar Assistant Professor Dept. of Botany Madras Christian College Chennai - 600 059	Myco - Foam : The Alternate to Plastics	J. Kousalya	BS-023	7500/-
74.	Mr. N. Shabeer Ahmed Assistant Professor Dept of Biotechnology Islamiah College Vaniyambadi - 635 752	Anticataract Activity of Medicinal Palnts Against Glucose Induced Cataract - An Invitro Study	A. Sanaullah B. Thirunghanam	BS-024	7500/-

75.	Dr. M. Mohamed Meeran Professor & Head Dept. of Zoology Hajeekarutha Rowther Howdia College Theni - 625 533	Current Scenario of House Sparrow (<i>Passer Domesticu</i> Diversity in Chinnamanur town at Uthamaplayam Taluk of Theni District	M. Syed Marjuk B. Sivapriya	BS-025	7500/-
76.	Dr. S. Sudhakar Sivasubramaniam Professor Dept. of Biotechnology Manonmaniam Sundaranar University Tirunelveli - 627 012	Studies on Telomere Sequence of Earthworm <i>Eisenia Festida</i>	A. Sowndaryan	BS-026	7500/-
77.	Dr. V. Brindha Priyadarshini Assistant Professor Dept. of Microbial Biotechnology Bharathiar University Coimbatore - 641 046	Study on Hopanoids Production in Drug Resistant Gram Positive Bacteria	S. Manojkumar	BS-027	7500/-
78.	Dr. A. Arunprasath Assistant Professor PG & Research Dept. of Botany PSG College of Arts & Sci. Coimbatore-641014	Comparative phytochemical and genetic variation analysis of <i>rhizophora apiculata</i> Bi.	S. Sreeram	BS-028	7500/-
79.	Dr. G. Sujatha Assistant Professor Dept of Food Process Engg College of Food and Dairy Technology Chennai - 600 052	Enhancement of Keeping Quality of Mother's Milk in Mother's Milk Bank by Pulsed Electric Field (PEF) Technology - A Novel Food Processing Method	S. Sanchaya	BS-029	7500/-
80.	Dr. A. Muniappan Assistant Professor Dept. of Physics Theivanai Ammal College for Women Villupuram - 605 401	Theory of bioenergy transport in protein molecules	A. Thirumagal	BS-030	7500/-
81.	Dr. S.R. Senthilkumar Associate Professor & HoD Dept. of Botany St. Joseph's College Tiruchirapalli - 620 002	Molecular study of <i>juglans regia</i> L. - A novel approach	Anit Mary Sunny	BS-031	7500/-
82.	Dr. V. Samuel Gnana Prakash Professor & Head Centre for Marine Science and Technology Manonmaniam Sundaranar University Rajakkamangalam-629502	Isolation and Screening of Antibacterial Actinomycetes from Marine sources	Jiya Varghese	BS-032	7500/-
83.	Dr. T. Anitha Assistant Professor Dept. of Botany Nirmala College for Women Coimbatore - 641 018	Study of Effect of Green Tea in Oral Bacteria	K. Anusree	BS-033	7500/-
84.	Dr. R. Ramasubbu Assistant Professor Dept. of Biology The Gandhigram Rural Institute ,Dindigul - 624 302	Isolation and Characterization of Potential Biactive compounds from <i>Trichopus Zeylanicus</i> - An Ethanomedicinal of Kani Tribes	M. Arun Lal P. Venkatesh	BS-034	7500/-

85.	Dr. A. Vetri Selvi Assistant Professor Dept. of Botany Queen Mary's College Chennai - 600 004	Isolation, Purification and Characterization of Bioactive Compounds from Seaweeds of South East Coast of TamilNadu, India	R. Monisha	BS-035	7500/-
86.	Dr. Capt. M. Baskar Associate Professor Dept. of Botany Government Arts College for Men,Chennai-600035	Sustainable low cost design of gravity Fed drip irrigation system for kitchen gardens	R. Prabakaran	BS-036	7500/-
87.	Dr. G. Devendran Assistant Professor Dept. of Zoology & Biotechnology A. Veeriyar Vandayar Memorial Sri Pushpam College Poondi - 613 503	Diversity and Distribution of spider in Paddy Field Ecosystem of Poondi Thanjavur District, Tamil Nadu	S. Navabharathi	BS-037	7500/-
88.	Dr. J. John Peter Paul Assistant Professor Dept. of Botany St. Xavier's College Palayamkottai - 627 002	Micropropagation and ex situ Conservation of Lycopodium Wightianum Wall et Hook. Et Grev. - An Important End-emic Fern of Western Ghats	Jasna Jayaraj	BS-038	7500/-
89.	Dr. P. Renuka Devi Assistant Professor & HoD Dept. of Biotechnology Anna University Regional Campus Coimbatore - 641 046	Unravel of antipyretic and immunostimulant perception from andrographis paniculata against pathogens	S. Aswini	BS-039	7500/-
90.	Dr. A. Boopathi Raja Assistant Professor Dept. of Zoology Nehru Memorial College Tiruchirapalli - 621 007	Evaluation of antioxidant and anti-inflammatory activity of different carotenoids isolated from plants in relation with human fertility	S. Sripriya S. Ruthra	BS-040	7500/-
91.	Dr. M. Deivanayagi Guest Lecturer Dept. of Zoology Government College for Women Kumbakonam - 612 001	Effect of Vermicompost on the Growth and Yield of Brinjal Plant	S. Vijayalakshmi	BS-041	7500/-
92.	Dr. S. Bhuvaneshwari Assistant Professor Dept. of Botany Bharathi Women's College,Chennai-600108	Bio-efficacy of Bioashes of Aromatic Plants	L. Gayathri	BS-042	7500/-
93.	Dr. V. Amsha Devi Assistant Professor Dept. of Zoology V.V.Vanniaperumal College for Women Virudhunagar - 626 001	Comparative study of growth parameters along with biochemical profile in ornamental fish black molly (Paecilia sphenops) against formulated feeds and analysing its analgesic efficacy	M. Dheivakani S. Mahadevi@Nithya	BS-043	7500/-
94.	Dr. M. Rajasekara Pandian Assistant Professor & HoD Dept. of Zoology Arignar Anna Government Arts College Namakkal - 637 002	Development of bio polymer based hydrogel for wound healing	P. Elangovan	BS-044	7500/-

95.	Dr. S. Santhi Assistant Professor Dept. of Zoology Queen Mary's College Chennai - 600 004	Evaluation of antidandruff activity of leaves and fruit extracts of morinda species plant	S. Sowmya	BS-045	7500/-
96.	Dr. P. Tresina Soris Assistant Professor PG & Research Dept. of Botony V.O. Chidambaram College Thoothukudi - 628 008	Synthesis of Eco-Friendly Nanoparticles using Marine Angiosperm Plants (Seagrass) and its Potential Biological Applications	R. Raja Lakshmi J. Silvia Angel Nirmala	BS-046	7500/-
97.	Dr. M. Vijaysanthi Assistant Professor Department of Microbiology Ayya Nadar Janaki Ammal College Sivakasi - 626 124	Isolation and Screening of Biosurfactants Producing Microorganisms from Oil Contaminated Soil	M. Premalatha	BS-047	7500/-
98.	Dr. S. Nagaraj Assistant Professor Centre for Advance Studies in Botany University of Madras Chennai - 600 025	Extraction and Purification of Carotene from Dunaliella Spp. And its Applciation as Natural Colourant in Ice Creams and Butter Frostings	V. Sowmya K.V. Prathyusha	BS-048	7500/-
99.	Ms. P. Raja Rajeswari Assistant Professor Dept of Microbiology and Biochemistry Nadar Saraswathi College of Arts and Science Theni - 625 531	Bioremediation of Heavy Metals such as Nickel and Chromium from Tannery Industrial Seepage using Immobilized Beads of Pseudomonas	M. Suganya	BS-049	7500/-
100.	Dr. B. Ramesh Professor & HoD Dept. of Biotechnology Sri Sankara Arts and Science College Kancheepuram - 631 561	Molecular characterization & bioactive secondary metabolite production by endophytic fungi from plants of ethnobotanical value	S. Vinodhini	BS-050	7500/-
101.	Dr. K. Ganesh Kumari Assistant Professor Dept. of Botany Srimad Andavan Arts and Science College Tiruchirapalli - 620 005	Influence of seaweed liquid fertilizer for enhancing the physiological, Biochemical and Cytological characters in Horse gram (Macrotyloma uniflorum (Lam.) Verdc.	R. Ramya	BS-051	7500/-
102.	Dr. C. Soundhari Associate Professor Dept. of Microbiology Valliammal College for Women, Chennai - 603 102	Effect of Chitosan fro Marine Bivalves and its application in Post Harvest Quality of Indian Fruits	M. Jayaswathi P. Suchitra	BS-052	7500/-
103.	Dr. Nomila Merlin Associate Professor & Vice Principal Dept. of Biochemistry Annai Velankanni's College for Women Chennai - 600 015	Biological synthesis of AuNPs using the endophytic fungus isolated from an endangered medicinal plants and its antibacterial and antioxidant and anticancer activity on human breast cancer cells	R. Gayathri K. Sharmila Devi H. Priyadharshini	BS-053	7500/-
104.	Ms. S. Anuradha Assistant Professor Dept. of Botany Adhiyaman Arts and Science College for Women, Krishnagiri-635207	Phyto-remediation of fluoride contaminated water using germinated seeds	S. Bhuvaneshwari M. Ramola	BS-054	7500/-

105.	Dr. R. Uma Assistant Professor Dept. of Botany South Travancore Hindu College Nagercoil - 629 002	Phyto diversity and Indigenous Knowledge in Coastal Line of Pallam, Kanniyakumari District, Tamil Nadu	A. Mary Silbiya	BS-055	7500/-
106.	Mrs. D. Kavitha Assistant Professor Dept. of Biotechnology Muthayammal College of Arts and Science Namakkal - 637 408	Cultivation of Microalgae in treated Sago Effluent for Biofuel Production	P. Selvalakshmi	BS-056	7500/-
107.	Dr. P. Priyadarshini Assistant Professor Dept. of Botany Vivekanandha College of Arts and Science for Women Tiruchengode - 637 205	Microplastics in soil - A hidden thing to view	K.R. Renjima	BS-057	7500/-
108.	Dr. R. Vinodhini Assistant Professor Dept. of Microbiology Shri Sakthikailash Women's College, Salem - 636 003	Comparative Analysis of Plastic and Polymer Degrading Bacterial and Fungal Isolates from Plastic Dumped Soil	K. Gowsalya R. Dharani	BS-058	7500/-
109.	Dr. P. Chidambaram Professor & Head Dept. of Biotechnology Dr. N.G.P. Arts and Science College Coimbatore - 641 048	Milk Casein as an Alternative Source for Plastic Products	M. Lavanya	BS-059	7500/-
110.	Dr. D. Sumitha Assistant Professor PG & Research Dept. of Microbiology St. Joseph's College of Arts and Science Cuddalore - 607 001	Invitro Characterization of Cholesterol Degrading Bacteria from Human Gut Microbiota	S. Poongodi	BS-060	7500/-

Environmental Sciences

111.	Dr. R. Jegan Kumar Associate Professor and HOD, Dept. of Geography Bharathidasan University Tiruchirappalli - 620 024	Land use and Land cover changes and its implications on groundwater quality-A case study of Tiruchirappalli district, Tamil Nadu	J. Lokeshwari	ES-001	7500/-
112.	Dr. Keerthi Assistant Professor Dept. of Chemistry Anna University Guindy Chennai - 600 025	Development of photocatalysis coupled with ozonation for the removal of Amoxicillin and Clavulanate in pharma waste water	D. Nivitha	ES-002	7500/-
113.	Dr. K. Sanjay Gandhi Assistant Professor Dept. of Geology Periyar University PG Extension Centre Dharmapuri - 636 701	Micro-(nano) plastics water environment abundance, toxicological impact and evaluate methodology in lower Gadilam River, Tamil Nadu	S. Thirumaran M. Sathasivam M. Praveen Kumar K. Rengaraj	ES-003	7500/-

114.	Dr. N. Gobi Assistant Professor Dept. of Textile Technology Alagappa College of Technology, Chennai - 600 025	Development of high capacity dust loading inlet air filters for two / four wheelers by oil treated natural fibres	A.V. Rajalekshmi	ES-004	7500/-
115.	Dr. Malathy Balasubramaniyan Assistant Professor Dept. Biotechnology Bannari Amman Institute of Technology, Erode-638 401	Self vaporizing organic mosquito repellent air gel for rural application	Pranesh Kumar K Phorkhodi M	ES-005	7500/-
116.	Mr. K. Vetrivelan Assistant Professor Dept. of Chemical Engineering Anna University Chennai - 600 025	Carbon sphere based magnetic nanocomposite for oily wastewater treatment	A. Arun	ES-006	7500/-
117.	Dr. M. Jothi Basu Assistant Professor Dept. of Botany Alagappa University Karaikudi - 630 003	Fabrication of electrochemical sensor to detect oviposition attractant chemicals in the breeding habitats of dengue vector Aedes mosquitoes: An integrated vector management	S. Bhavadharani M.R. Kavipriya M. Sukanya Devi P. Thennarasi	ES-007	7500/-
118.	Dr. Anitha Subash Professor Dept. of Biochemistry, Biotechnology & Bioinformatics Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore - 641 043	An Ecofriendly approach for the synthesis of bioplastic using vegetable and fruit wastes	K. Santhiya	ES-008	7500/-
119.	Dr. N. Jeyakumar Guest Lecturer Dept. of Microbiology Kamarajar Government Arts College Tirunelveli - 627 859	Microbial evaluation of mutagens in artificial food and synthetic textile colorants	P. Suganthi	ES-009	7500/-
120.	Ms. K. Kalaiyarasi Assistant Professor Dept. of Biochemistry Theivanai Ammal College for Women Villupuram - 605 401	Comparative study of antimicrobial and catalytic degradation activity in industrial effluents by Zinc Oxide and Silver Nanoparticles synthesized from Aloe Vera leaf extract	S. Keerthana V. Sandhiya M. Soniya Mari	ES-010	7500/-
121.	Ms. N. Sathammaipriya Assistant Professor Dept. of Microbiology Cauvery College for Women Tiruchirappalli - 620 018	Bioethanol production from neem leaves and agave leaves using aspergillus niger and bacillus firmus as fermenting agent	S. Ranjika	ES-011	7500/-
122.	Dr. A. Elangovan Associate Professor Dept. of Chemistry Thiagarajar College Madurai - 625 009	Ecofriendly phytochemical corrosion inhibitors for mild steel and copper corrosion	R. Kamali B. Dhivya	ES-012	7500/-
123.	Dr. K. Ramya Assistant Professor Dept. of Costume Design and Fashion	Development of natural mosquito repellent cotton fabrics using encapsulated herbal particles	S. Madhumitha	ES-013	7500/-

	PSG College of Arts and Science Coimbatore - 641 014				
124.	Dr. M. Suresh Gandhi Associate Professor Dept. of Geology University of Madras Chennai - 600 025	Grain size charecterisation, heavy mineral resources and geochemical studies in the core sediments in uppanar river mouth for paleo environmental reconstruction	V. Priyadharsini	ES-014	7500/-
125.	Dr. R. Dhandapani Assistant Professor Dept. of Microbiology Periyar University Salem - 636 011	Microalgae as a Potential Candidate for the Treatment of Petrochemical Effluent and CO2 Sequestration	P. Sriranjani S. Ajitharani M.R. Shofiya	ES-015	7500/-
126.	Dr. J. Maheswari Associate Professor Dept. of Chemistry Ayya Nadar Janaki Ammal College Sivakasi - 626 124	Finding an environmental friendly method to remove nitrate- a hazardous major pollutant in groundwater in Tamil Nadu	V. Kartheeswari M. Marreeswari D. Monisha Devi	ES-016	7500/-
127.	Dr. R. Viji Assistant Professor Dept. of Civil University College of Engineering, BIT Campus, Anna University. Tiruchirappalli - 620 024	Assessing the Distribution and Impacts of Prosopis Juliflora by Using GIS	M. Sangeetha	ES-017	7500/-
128.	Dr. A. Doss Assistant Professor PG & Research Dept. of Botany V.O. Chidambaram College Thoothukudi - 628 008	Screening and Characterization of plastic degrading microbes from plastic dumped soil regions, Tuticorin, Tamilnadu	S. Anitha G. Sujitha	ES-018	7500/-
129.	Dr. K. Veena Gayathri Assistant Professor Dept. of Biotechnology Stella Maris College Chennai - 600 086	Biodegradation of organophosphorous pesticide-chloropyrifos using bacterial consortium and its metabolites by vermiremediation in contaminated soil	V. Monisha M. Rasheeda Shameem M. Pooja	ES-019	7500/-
130.	Dr. B. Dhinesh Assistant Professor Dept. of Mechanical Engineering Mepco Schlenk Engineering College Sivakasi - 626 005	Influence of Alcohol blended fuel with gasoline on performance, emission and in cylinder analysis in a spark ignition engine	S. Harishkumar P. Mugunthan T. Elayaraja	ES-020	7500/-
131.	Mrs. D. Sowmiya Assistant Professor PG & Research Dept. of Botany Nallamuthu Gounder Mahalingam College Coimbatore - 642 001	Biosequestration of carbon by green walls using Moses	K. Neethu Krishna P. Priyadharshini M. Chitra	ES-021	7500/-
132.	Dr. G. Venkatesan Assistant Professor Dept. of Civil Engg. University College of Engineering Tiruchirappalli - 620 024	Catalytic degradation of organic dyes using green synthesis of silver nano particles from Ficus religiosa tree bark	P. Anusuya R. Bruntha P. Gowthaman P. Vetriarasan	ES-022	7000/-

133.	Dr. P. Dhivya Assistant Professor Dept. of Chemistry Nirmala College for Women Coimbatore - 641 018	Biosynthesis of Silver nanoparticles by marine vertebrate and assessment of its biological efficacy against human pathogens	D. Abinaya C. Brita John A.P. Vimali	ES-023	7500/-
134.	Dr. R. Rajkumar Assistant Professor Dept. of Environmental Sciences Bharathiar University Coimbatore - 641 046	Cultivation of Spirulina sp. in a photobioreactor for CO ₂ sequestration and commercial applications: A viable remedy to climate change	M.J. Kanchana	ES-024	7500/-
135.	Dr. S. Dhanakumar Assistant Professor Dept. of Environmental Sci, PSG College of Arts and Science Coimbatore - 641 014	A novel electrospun nanofibrous biofabric with antimicrobial finish of Aloe vera for air filtering protective mask	A.J. Liya Therese	ES-025	7500/-
136.	Dr. R. Kannan Professor and Head Dept. of Plant Pathology Agricultural College and Research Institute Vallanadu - 628 252	Biological management of water hyacinth (<i>Eichhornia crassipes</i> [Mart.] Solms) using plant pathogens	R. Pavithra	ES-026	7500/-
137.	Dr. P.M. Ayyasamy Assistant Professor Dept. of Microbiology Periyar University Salem - 636 011	Biosorption and Bioconversion of ground water nitrate using aerobic bacterial consortium through a lab scale process	S.S. Gayathri P. Ramya	ES-027	7500/-
138.	Dr. V. Venkatesan Assistant Professor Dept. of Civil Engineering University College of Engineering Ariyalur - 621 704	Health risk assessment of heavy metals in soil, water and vegetables of ariyalur industrial area	K. Siva A. R. Surya K. Surya J. Satham Hussain	ES-028	7500/-
139.	Dr. S. Karthik Sundaram Assistant Professor Dept. Microbiology Dr. N.G.P. Arts and Science College Coimbatore - 641 048	Bioremediation of Preprocessed plastic wastes through microbial consortium	R.Praveena	ES-029	7500/-
140.	Dr. J. Princy Merlin Associate Professor and Head PG & Research Dept. of Chemistry Bishop Heber College Tiruchirappalli - 620 017	Novel sustainable NiO/Activated carbon catalytic convertor to reduce carbon monoxide from gasoline vehicles	B. Barani Kumar J. Abishek	ES-030	7500/-
141.	Dr. A. Sathiyam Assistant Professor PG & Research Dept. of Chemistry Bishop Heber College Tiruchirappalli - 620 017	Recovery of copper nanoparticles from waste SIM cards for supercapacitor electrode materials	T. Elango Balaji N. Evangeline Jafneel	ES-031	7500/-
142.	Mrs. R. Reena Roy Assistant Professor Easwari Engineering College, Chennai - 600 089	Driver Drowsiness detection system using image processing	C.Sarika S.Sripadha S.Shruthi	ES-032	7500/-

143.	Dr. K. Suresh Assistant Professor Dept. of Physics Bharathiar University Coimbatore - 641 046	Inactivation of E.Coli in contaminated water by non-thermal plasma discharge method	W. Grania Samanth	ES-033	7500/-
144.	Dr. R. Anitha Jothi Assistant Professor Dept. of Biochemistry N.M.S.S Vellaichamy Nadar College Madurai - 625 019	Green synthesis of Zinc oxide nanoparticles using Sargassum sp., drug doping and targeting infectious diseases	Kalpana	ES-034	7500/-
145.	Dr. S. Amsamani Assistant Professor Dept. of Textiles and Clothing Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore - 641 043	Eco-friendly effluent treatment method using Shrimp waste	S. Greeshma	ES-035	7500/-
146.	Mr. G. Mugaishudeen Assistant Professor Dept. of Chemical Engg., Kongu Engineering College Erode - 638 060	Studies on alternative method for treatment of RO brine in textile ETP	K. Sivaram D. Yogeswaran G. Pahalavan	ES-036	7500/-
147.	Dr. M.A. Rathi Assistant Professor Dept. of Biochemistry Sree Narayana Guru College,Coimbatore- 641105	The environmental impact of cement dust on some soil properties around the cement factory in Madukkarai	V.M. Drisya C. Athul Das	ES-037	7500/-
148.	Dr. K. Feroz Khan Assistant Professor PG & Research Dept. of Microbiology Sadakathullah Appa College,Tirunelveli-627 011	Evaluation of different microorganism for effective bioremediation of grey water	R.Mithun Lakshamanan O.A. Majetha Begam S. Vasuki P.I. Rasiya Nasrin	ES-038	7500/-
149.	Ms. R.K. Sangeetha Assistant Professor Dept. of Civil Engineering, School of Building and Mechanical Sciences Kongu Engineering College Erode - 638 060	Experimental study on partial replacement of flyash with rice husk ash in fly ash bricks	K.S. MounishBalaji K.S. PraveenRaj M. Ragunath	ES-039	7500/-
150.	Dr. V. Veeramanikandan Assistant Professor Centre in Microbiology M.G.R. College Hosur - 635 109	Isolation, Characterization and Identification of bacteria from hosur indutrial area and their tolerance to antibiotics and heavy metals	K. Surya	ES-040	7500/-
151.	Dr. N. Uma Maheswari Assistant Professor & Head Research Dept. of Microbiology STET Women's College Mannargudi - 614 001	Isolation of cement degrading filamentous fungi and screening of their efficacy for biocementation	P. Priyanga	ES-041	7500/-
152.	Dr. E. Sarojini Professor and HoD Dept. of Civil Engineering Sri Ramakrishna Engineering College Coimbatore - 641 022	Experimental investigation and modeling of leachate from fertilizer and manures used in the agricultural fields	S.T. Sudharsan K. Venkat Ragavan V. Tamil Selven	ES-042	7500/-

153.	Ms. K. Archana Assistant Professor Dept. of Biotechnology Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Chennai - 600 062	Characterization, Design and Implementation of vehicle wash effluent treatment- A biological and economical reduction	K. Premkumar S. Santhosh	ES-043	7500/-
154.	Dr. G. Baskar Professor Dept. of Biotechnology St. Joseph's College of Engineering Chennai - 600 119	Bioethanol production from Municipal solid waste using cellulase coated magentic nanocatalyst	S. Jose Pandian S.M. Raghulreddy A. Suryaa	ES-044	7500/-
155.	Dr. S. Thiruvengadam Professor Dept. of Biotechnology Rajalakshmi Engineering College,Chennai - 602 105	Surface water and air samples from leprosy endemic area and leprosy hospital for identification of mycobacterium species	R. Preethi	ES-045	7500/-
156.	Mr. B. Venkatramprabhu Assistant Professor Dept. of Civil Engineering N.S.N. College of Engineering and Technology Karur - 639 003	Stabilization of cohesive soil with addition of treated chrome Tanning effluent	S. Srinath R. Sureshseeman K. Sivasakthi	ES-046	7500/-
157.	Dr. B. Mythili Gnanamangai Assistant Professor Dept. of Biotechnology K.S. Rangasamy College of Technology Namakkal - 637 215	Compact reactor design for conversion of one time plastic waste to fuel using alternative free energy	S. Naresh	ES-047	7500/-
158.	Mr. K.A. Varun Kumar Assistant Professor Dept. of Information Technology Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Chennai - 600 062	Forest fire detection system using machine learning algorithm	C. Rogith K. Dilip Kumar	ES-048	7500/-
159.	Dr. M. Subramanian Professor Dept. of Mechanical Engineering SNS College of Technology Coimbatore - 641 035	Automated debris cleaning drone for water bodies	M. Mark Romario Williams C. Pratheep	ES-049	7500/-
160.	Dr. K. Nagarajan HoD Dept. of Chemical Engineering Rajalakshmi Engineering College,Chennai - 602 105	Fabrication of a CO2 absorption membrane using biomimetics and MEMS technologies	J. Vaibavi	ES-050	7500/-
161.	Mr. B. Gurukarthik Babu Assistant Professor Dept. of EEE Kamaraj College of Engineering and Technology K. Vellakulam - 625 701	Ecofriendly based water generation technique to harvest palatable water from green source	R. Vignesh A. Mohammed Nasrulla B. Ramkumar	ES-051	7500/-

162.	Ms. D. Joy Merlin Assistant Professor PG & Research Dept. of Biochemistry Bharathidasan College of Arts and Science Erode - 638 116	Anaerobic codigestion of food waste, vegetable and fruit waste and weeds for the biogas production	N. Mohankumar	ES-052	7500/-
163.	Dr. M. Mekala Associate Professor Dept. of Microbiology Sri Ramakrishna College of Arts and Science for Women Coimbatore - 641 044	Biodegradation of azodye contaminants in noyyal river	J. Adithya P.G. Nithya V. Gayathri S. Gayathri	ES-053	7500/-
164.	Dr. O.S. Nimmi Assistant Professor Dept. of Biotechnology Nehru Arts and Science College,Coimbatore- 641105	Increased efficiency of biodegradation of plastics using nanoparticle synthesized microorganisms	P. Prajisha	ES-054	7500/-
165.	Mrs. R. Maheswari Assistant Professor Dept. of Electronics and Communication Engineering Agni College of Technology Chennai - 600 130	Multren-Automatic segregation of plastic waste	K. Sasthini P. Yogitha V. Sivva Dharini J. Varadharajan	ES-055	7500/-
166.	Dr.R.kalaivani Assistant Professor Dept. of Biotechnology Bon Secours College for Women Thanjavur-613006	Integrated approach on green synthesis of Zn, Cu,Ag nanoparticle from bamboo leaf extract and development of carbon engulfing mesh kit towards Co2 sequestration	T Thirumagal	ES-056	7500/-
167.	Mrs. P. Bharathi Assistant Professor Dept. of Biotechnology Karpaga Vinayaga College of Engineering and Technology Kanchipuram - 603 308	E-waste Management: Production of valuable products from e-waste -waste to wealth	Gajapriya Annadurai	ES-057	7500/-
168.	Dr. R.J. Anita Singh Associate Professor Dept.Biotechnology Women's Christian College Chennai - 600 006	Isolation and extraction of pitera from fermented rice water	Srilakshmi.V	ES-058	7500/-
169.	Mrs. S. Sujitha Assistant Professor Dept.Computer Science and Engineering Sri Vidya College of Engineering and Technology Virudhunagar - 626 005	IoT based smart waste management system	D.Sivasakthi S.Dhurgapriya	ES-059	6500/-
170.	Dr. D. Sumalatha Assistant Professor Dept.Biotechnology Valliammal College for Women, Chennai - 600 102	A biological alternative for the conventional non-biodegradable plastic using Crab shell chitin and Banana pseudostem cellulose	Kanagaeshwari.V	ES-060	7500/-

171.	Dr. M. Bharathi Professor Dept of ECE Kumaraguru College of Technology Coimbatore - 641049	Waste segregation using deep learning	S.Selvi A.Nikhila Sree P.V.Nirmal Kumar	ES-061	7500/-
172.	Dr. J. Revathy Professor Dept of Civil B.S. Abdur Rahman Crescent Institute of Science and Technology Chennai - 600 048	Influence of Bacterial Species on the Durability Performance of Green Concrete for Sustainable Built Environment	M. Abdulrahman	ES-062	7000/-
173.	Ms. V. Shyamala Assistant Professor Dept. Microbiology MASS College of Arts and Science Thanjavur - 612 501	Utilization of weeds (Eichhonia crassipes) for oyster mushroom (Pleurotus ostreatus) cultivation and its environmental applications	Anusiya M	ES-063	7500/-
174.	Mrs. B.S. Meenakshi Assistant Professor Dept. Civil Engineering KPR Institute of Engineering and Technology Coimbatore - 641 407	Potential usage of e-waste in tile manufacturing with ceramic nano coating	Krishnapragash G Natesh S Pradeep S Rakhul S B	ES-064	7500/-
175.	Dr. M. Vignesh Kumar Associate Professor, Assistant Professor Dept. Civil Engineering VSB College of Engineering Technical Campus Coimbatore - 642 103	Predicting the ground water quality changes due to open cast limestone mining	Nandhini.M Sakthiudhaya- kumari S Jesina P M Manimehalai S	ES-065	7500/-

Medical Sciences

176.	Dr. M.L. Stephen Raj HoD/Dept. of Biotechnology Mepco Schlenk Engineering College Sivakasi - 626 005	Development of DNA vaccine against Tuberculosis	J. Gopika Shri	MS-001	7500/-
177.	Dr. R. Usha Professor Dept. of Microbiology Karpagam Academy of Higher Education Coimbatore - 641 021	Rapid ,enhanced and ecofriendly biodegradation of polyethylene by the best symbiotic pattern between actinobacteria and fungus from garbage	D. Mythili	MS-002	7500/-
178.	Dr. K.M. Saradhadevi Assistant Professor Dept. of Biochemistry Bharathiar University Coimbatore - 641 046	Detection of health risk assessment of instant noodles in wistar albino rats	S.K. Aswin Sooriya E. Aswathi	MS-003	7500/-
179.	Dr. S. Lakshmana Prabu Assistant Professor Dept. of Pharmaceutical Technology University College of Engineering, BIT Campus, Anna University Tiruchirappalli - 620 024	Green synthesis of silver nanoparticles using leaf extract of vallis solanacea and systematic investigation of its anti-rheumatoid arthritis activity	J. Akash Michael	MS-004	7500/-

180.	Dr. T. Shanmugaprabha Assistant Professor Dept. of Microbiology V.H.N. Senthikumara Nadar College Virudhunagar - 626 001	Isolation and identification of probiotic bacteria from soaked cereal water and its application on nutraceuticals supplement for cattle feed	V. Rajeshwari	MS-005	7500/-
181.	Dr. T. Citarasu Associate Professor Centre for Marine Science and Technology Manonmaniam Sundaranar Univers Kanyakumari - 629 502	Characterization of antibacterial biosynthetic genes and their metabolites from halophilic actinomycetes	A. Jothilin Subitsha	MS-006	7500/-
182.	Dr. P. Thiagarajan Assistant Professor Dept. of Microbiology Bharathidasan University Tiruchirappalli - 620 024	Detection of chromosomal alterations and gene expression studies in tuberculosis (TB) patients	S. Nivetha	MS-007	7500/-
183.	Dr. Lourdu Mary Assistant Professor Dept. of Zoology Lady Doak College Madurai - 625 002	Evaluation of DNA damage using single-cell gel electrophoresis (comet assay) and antioxidant status in cancer patients	B. Harini Kubendran	MS-008	7500/-
184.	Dr. B. Rayvathy Assistant Professor Dept. of Microbiology Dr. ALM PG IBMS, University of Madras Chennai - 600 113	Phenotypic Detection of Biofilm Formation by Clinical Isolates of Candida Sp., and Evaluation of Anti-Biofilm Property of A. Indica and M. Koenigii	K.R. Pooja	MS-009	7500/-
185.	Dr. A.S. Saranya Assistant Professor Dept. of Microbiology Vivekananda College of Arts and Sciences for Women Elayampalayam - 637 205	Incidence and molecular identification of multi drug resistance producing pseudomonas aeruginosa and acinetobacter baumannii from wound of burnt patients	S. Prabha	MS-010	7500/-
186.	Dr. G. Sureshkumar Assistant Professor & HoD Dept. of Physics K.S. Rangasamy College of Arts and Science Tiruchencode - 637 215	Rare earth doped calcium phosphate nanoparticles for simultaneous optical and magnetic resonance imaging	T. Saravanan	MS-011	7500/-
187.	Mrs. M. Jayanthi Professor & HoD Dept. of Biochemistry Adhiparasakthi College of Arts and Science Kalavai - 632 506	Crab shell chitosan as an enriched biofertilizer for plant growth against the pseudomonas sp. induced stress	P. Nivetha J. Saranyadevi	MS-012	7500/-
188.	Dr. S. Jeyabharathi Assistant Professor PG Dept. of Microbiology Cauvery College For Women Tiruchirappalli - 620 018	Cultivation of medicinal value pleurotus mushroom using composed organic wastes arising from college hostel kitchen	S. Dharshini B. Nisha Banu	MS-013	7500/-
189.	Dr. A.K. Vidya HoD, Dept. of Biochemistry Kongu Arts And Science College Erode - 638 107	Study on phytochemical screening of antibacterial activity and measurement of antioxidant property in palmyra water	S. Nithya Priya M. Suganthi S. Kalaiyarasi	MS-014	7500/-

190.	Dr. D. Senthil Rajan Professor Dept. of Pharmaceutics Swamy Vivekanandha College of Pharmacy Elayampalayam - 637 205	Chronomodulated pulsatile therapeutic system of lisinopril for blood pressure on early morning surge-design and characterization	K. Prabhavathi	MS-015	7500/-
191.	Dr. Amrita Anantharaman Assistant Professor Dept. of Biotechnology D.K.M College for Women Vellore- 632 001	Acute dermal toxicity study and photo-protective evaluation lawsonia inermis extract against UV-B induced oxidative damage	K. Mythili	MS-016	7500/-
192.	Dr. Anant Achary Professor Dept. of Biotechnology Kamaraj College Of Engineering & Technology K. Vellakulam- 625 701	Cytotoxic effect of fucoxanthin and phlorotannin isolated from sargassum tenerrimum against MCF-7 breast cancer cell line	A. Karthick	MS-017	7500/-
193.	Dr. M. Manigandan Assistant Professor Dept. of Biochemistry Theivanai Ammal College for Women Villupuram - 605 401	Studies on the bioefficacy of momordica charantia and cissus quadrangularis, isolation of the bio active compounds and its treatment against dengue vector	V. Jotheeswari R. Latha S. Velvizhi	MS-018	7500/-
194.	Dr. S. Joseph Christian Daniel Assistant Professor & HoD PG Research & Dept. of Microbiology St. Joseph's College of Arts and Science Cuddalore - 607 001	Gama Amino Butyric Acid (GABA) Producing Bacteria from Human Gut Microbiota and Their Role in Health Status of the Host	V. Anju	MS-019	7500/-
195.	Dr. A. Michael HoD Dept. of Microbiology PSG College of Arts and Science Coimbatore - 641 014	Generation of staphylococcal IgY antibody coated with silver nanoparticles to treat mastitis	S. Brindha	MS-020	7500/-
196.	Dr. K. Nalini Assistant Professor Dept. of Microbiology Ayya Nadar Janaki Ammal College Sivakasi - 626 124	A metagenomic approach to screen bioactive compounds against multi drug resistant organisms	J. Subhananthini	MS-021	7500/-
197.	Dr. K. Ruckmani Director (Centre), Professor & Head Dept. of Pharmaceutical Technology University College of Engineering, Anna University, BIT Campus Tiruchirappalli - 620 024	Development of insulin loaded transdermal patch with natural permeation enhancers for the treatment of diabetes mellitus	R. Nikhishaa Sree	MS-022	7000/-
198.	Dr. Md. Afzal Azam HoD Dept. of Pharmaceutical Chemistry J.S.S. College of Pharmacy Ooty - 643 001	In silico design and synthesis of some novel 1,2-disubstituted benzazoles as MruF inhibitors	C.M. Vyshaag	MS-023	7500/-

199.	Dr. S. Palani Professor Dept. of Biotechnology Arunai Engineering College Tiruvannamalai - 606 603	Insilico evaluation of anticancer drug from natural products	R.C. Pavithra A. Priyadharshini	MS-024	7500/-
200.	Mrs. Lisha Daniel Assistant Professor Dept. of Biomedical Sciences & Technology Noorul Islam Centre for Higher Education, Noorul Islam University Kanyakumari - 629 180	IoT Based Dialysis Monitoring System	A. Abhimol L. Geethujoy M. Krishnajith	MS-025	7500/-
201.	Dr.R.Rajendran Associate Professor Dept.of Microbiology PSG College of Arts and Science Coimbatore - 641014	Development and characterisation of hydrogels for efficient treatment of burn wound infections	M.Shibasini	MS-026	7500/-
202.	Dr. T. Kumaran Assistant Professor Dept. of Nutrition and Dietetics Muslim Arts College Kanyakumari - 629 174	Nutritional evaluation phytochemical and functional group analysis of seaweed ulva lactuca supplemented diet control malnutrition	J.A. Jesiba	MS-027	7500/-
203.	Dr. Anisha Cynthia Sathiasekar Professor & HoD Dept. of Oral Pathology Rajas Dental College and Hospital Tirunelveli - 627 105	Comparative evaluation of the proliferative and epithelial mesenchymal transition characteristics in oral epithelial dysplasia-a case control study	Dr. T. Ahila	MS-028	7500/-
204.	Dr. S. Pandi Prabha Associate Professor Dept. of Biotechnology Sri Venkateswara College of Engineering Sriperumbudur - 602 117	Induction of apoptosis in cancer cells by phytol for cancer treatment	M. Maheshwari H.S. Pavithra	MS-029	7500/-
205.	Dr.Leninisha Shanmugam Asst.Professor Dept.of IT Easwari Engineering College,Chennai -600089	Early detection of brain tumours from ultrasonic images using tensor flow	R.R.Monickha S.Sangeetha G.Niranjana	MS-030	7500/-
206.	Dr. Nalini Aswath Professor & HoD Dept. of Oral medicine and Radiology Sree Balaji Dental College and Hospital Chennai - 600 100	Microbiota of dental abscess and their susceptibility to the empirical antibiotic therapy	M. Jemima Judith	MS-031	7500/-
207.	Dr. K. Subha Assistant Professor PG & Research Dept. of Microbiology M.R. Government Arts College, Mannargudi-614001	A survey and awareness programme on human diseases (Dengue and Malaria)	S. Kousalya	MS-032	7500/-

208.	Dr. J. Jayanthi Associate Professor Dept. of Advanced Zoology and Biotechnology Guru Nanak College Chennai - 600 042	Extraction and characterization of glycosaminoglycans from shrimp waste and assessment of its wound healing properties	V. Abhisubesh	MS-033	7500/-
209.	Mrs. R. Uma Maheswari Assistant Professor Dept. of Biotechnology Karpaga Vinayaga College of Engineering and Technology Kancheepuram - 603 308	Synthesis of conjugates chitin and silver nanoparticle for antimicrobial activity and wound healing	Gokul Priyan Kalaingar	MS-034	7500/-
210.	Dr. S. Nalinakumari HoD, Dept. of Anatomy Trichy SRM Medical College Hospital and Research Centre Tiruchirappalli - 621 105	Matrix Metalloproteinase expression in chronologically heterogeneous and pathological knee articular cartilage and menisci	P. Sankarganesh	MS-035	7500/-
211.	Dr. Saumya Parashar Assistant Professor Dept. of Conservative Dentistry and Endodontics Meenakshi Academy of Higher Education & Research, Meenakshi Ammal Dental College Chennai - 600 095	Comparison of reparative dentine formation by using glycogen synthase kinase 3 Inhibitor with a scaffold and mineral trioxide aggregate as a pulp capping agent-an invitro study	U. Selvakarthikeyan	MS-036	7500/-
212.	Ms. Manonmani Assistant Professor Dept. of Biotechnology Bannari Amman Institute of Technology Sathyamangalam - 638 401	Customizing Biocompatible microenvironment for 3D cell culture using plant based polysaccharides	R. Sreena S. Kaviya	MS-037	7500/-
213.	Mrs. R. Rajeshwari Associate Professor Dept. of Biotechnology P.S.R. Engineering College Sivakasi - 626 124	Isolation and structural characteristic of novel gangliosides from echnoid gonads with investigation on their mouth and breast anticancer properties	A. Priyanka V. Vaishnavidevi	MS-038	7500/-
214.	Dr. T. Lurthu Pushparaj Assistant Professor Dept. of Chemistry Tirunelveli Dakshina Mara Nadar Sangam College Tirunelveli - 627 113	Novel designing of Ir(III)(Tris-Coumarin)cored Gd(III) Complex as targeted MRI Cas for Ovarian Cancer Treatment	S. Sathya	MS-039	7500/-
215.	Dr. M. Manikandan Associate Professor Dept. of Biotechnology Sri Krishna Arts and Science College Coimbatore - 641 008	Biosynthesis of zinc nanoparticles from achyranthes aspera leaf extract their characterization and antibacterial activity	V. Swathi	MS-040	7500/-

Physical Sciences

216.	Dr. K. Sambath kumar Assistant Professor Dept. of Physics Arignar Anna Government Arts College, Villupuram - 605 602	Green synthesis of silver and gold nanoparticles using volkamaria inermis leaf extract by microwave irradiation method	B.S. Albina R. Rajalakshmi R. Sargunam	PS-001	7500/-
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217.	Dr. T. Asai Thambi Assistant Professor PG & Research Dept. of Physics Alagappa Government Arts College, Karaikudi - 630 003	Preparation and Characterization of KDP crystals doped with rare earth metals (Titanium, Cerium etc) for non-linear optical generation	B. Sathyapriya	PS-002	7500/-
218.	Dr. P. Sundara Venkatesh Assistant Professor Dept. of Physics Sri S. Ramasamy Naidu Memorial College Sattur - 626 203	Synthesis and Characterization of rGO/BiVO ₄ Nanocomposites for Energy Harvesting Applications	P. Lakshmi Sudha R. Pavithra	PS-003	7500/-
219.	Dr. P. Seenuvasakumaran HOD & Associate Professor of Physics Muthurangam Government Arts College, Vellore - 632 002	Syntheisis of Tin sulphide (SnS) Nano materials	P. Divya Darshini P. Hema E. Tamilarasi	PS-004	7500/-
220.	Dr. V. Kalaiselvi Assistant Professor and Head/ Dept. of Physics Navarasam Arts and Science College for Women Arachalur - 638 101	Green synthesis of zinc oxide nanoparticles using trifoilum pratense flower extract for anticancer applications	M. Kokilavani K. Sumithra P. Sindhuja D. Kasthuri	PS-005	7500/-
221.	Dr. G. Jeevaranithangam Assistant Professor Dept. of Physics Pope's College Sawerpuram - 628 251	Biosynthesis, Characterization and Photocatalytic Activity of MnO ₂ Nanoparticles using Mentha Piperita	P. Subasri G. Usha	PS-006	7500/-
222.	Dr. R. Ida Malarselvi Assistant Professor Dept. of Physics Dharumapuram Gnanambikai Government Arts College for Women Mailaduthurai - 609 001	Organic dyes for efficient and stable dye sensitized solar cell	S. Dheertha R. Rajeswari S. Subashree N. Nithya	PS-007	7500/-
223.	Dr. S. Srinivasan Assistant Professor Dept. of Physics Presidency College Chennai - 600 005	Exploration of acoustics properties of water based SnO ₂ mixed TiO ₂ nanofluid for heat transfer application by ultrasonic velocity method	S. Shobana	PS-008	7500/-
224.	Dr. V. Velusamy Assistant Professor Dept. of Physics Arignar Anna Government Arts College Namakkal - 637 002	Study on electromagnetic field radiation from mobile operating towers and different mobile handsets in various operating conditions	R. Logeshwaran S. Boopathi B. Santhiya M. Sangavi	PS-009	7500/-
225.	Dr. P. Pragatheeswaran Assistant Professor Dept. of Geology Government Arts College, Salem - 636 007	Sedimentological mechanisms of teri and accumulation in and around Tiruchenthur, Thoothukudi, Tirunelveli	A. Sundari	PS-010	7500/-
226.	Dr. R. Ashok Kumar Assistant Professor Dept. of Physics Thiruvalluvar Government Arts College Rasipuram - 637 401	Cost effective synthessi and fabrication of CuSe Thin films by SILAR technique for photovoltaic solar energy applications	M. Gayathri Devi R. Gopika	PS-011	7500/-

227.	Dr. S. Antony Divya Tharshini Assistant Professor Dept. of Physics St. Mary's College Thoothukudi - 628 001	Arduino based fire fighting robot controlled by android application	K. Nivethitha	PS-012	7500/-
228.	Mrs. M . Nithya Assistant Professor Dept. of Physics The Standard Fireworks Rajarithnam College for Women Sivakasi - 626 123	Preparation of red algae extracts biopolymer membrane for fuel cell applications	M. Nandhinilakshmi V.B. Priyavardhini	PS-013	7500/-
229.	Dr. R. Suresh Assistant Professor Dept. of Physics Sri Ramakrishna Mission Vidhyalaya College of Arts and Science Coimbatore - 641 020	Fabrication of ABO ₃ perovskites thin films for sensor applications	S. Subash	PS-014	7500/-
230.	Dr. J. Dhanalakshmi Assistant Professor Dept. of Physics Sri Sarada College for Women, Tirunelveli-627 011	Characterization of Alumina Nanostructure Synthesized by Two Step Anodization Method	S. Sobana	PS-015	7500/-
231.	Dr. S.V. Vijayasundaram Assistant Professor Dept. of Physics Edayathangudy G. S. Pillay Arts & Science College Nagapattinam - 611 002	Band gap engineering zinc sulfide nanostructures by suitable dopants	M. Ananthi E. Asuvathi S. Vijipriya	PS-016	7500/-
232.	Dr. Sujin P. Jose Assistant Professor School of Physics Madurai Kamaraj University Madurai - 625 021	Zirconia doped reduced graphene oxide and ploypyrrole nanostructures as electrochemical sensor for anticancer drugs	K. Vinoth Kumar	PS-017	7500/-
233.	Dr. M. Anbuvarannan Assistant Professor Dept of Physics Sri Akilandeswari Women's College, Vandavasi-604 408	Facile Green Synthesis of CuO Nanoparticles using Leaf Extract its Application for Antibacterial and Photocatalytic Activity	S. Manimozhi K. Vijayalakshmi D. Devipriya M. Nandhini	PS-018	7500/-
234.	Dr. D. Shobha Assistant Professor PG & Research Dept. of Physics St. Joseph's College of Arts and Science, Cuddalore - 607 001	Quantum computational and experimental spectroscopic analysis on catecholamine and trace amines secreted in human brain and greater significance to molecular docking	A. Poonkuzhali	PS-019	7500/-
235.	Dr. A.G. Kannan Assistant Professor Dept. of Physics Nallamuthu Gounder Mahalingam College Pollachi - 642 001	A study on the influence of pure and doped Zn ₂ SnO ₄ for sensor applications	B. Haritha M. Thenmalar	PS-020	7500/-
236.	Mrs. P. Valarmathi Assistant Professor Dept. of Physics Gobi Arts and Science College Gobichettipalayam-638 453	Synthesis, growth and non linear optical bistiourea ammonium chloride single crystals by slow evaporation technique	J. Gokulakannan D. Karthikeyan N. Mohanraj R. Krishna Prasanth	PS-021	7500/-

237.	Dr. T.N. Priyadharshini Professor Dept. of Physics P.K.R. Arts College for Women Gobichettipalayam-638 476	Purification of waste water using effective square pyramid solar still method	S. Nikila Rosy	PS-022	7000/-
238.	Dr. S. Porchelvi Associate Professor and Head, Dept. of Physics Sakthi College of Arts and Science for Women Oddanchatram, Dindigul - 624 619	DC home using solar energy system (SES)	R. Nivetha M. Pavithra	PS-023	7500/-
239.	Dr. V. Kavitha Assistant Professor Dept. of Physics Adhiyamaan Arts and Science College for Women, Krishnagiri-635207	Spectral analysis and optical properties of lanthanum and Boron co-doped TiO ₂ for the improved photocatalytic degradation of Rhodamine B by sol-gel route	G. Gowsalya C. Monisha R. Banumathi A. Kavipriya	PS-024	7500/-
240.	Dr. L. Arun Jose Assistant Professor Dept. of Physics St. Xavier's College Tirunelveli - 627 002	Bio fuel cells concepts for local energy	A. Krishna Kumar	PS-025	7500/-
241.	Mr. S. Ramamoorthy Assistant Professor Dept. of Physics Vivekananda Arts and Science College for Women Salem - 637 303	Preparation and Characterization of caffeine derivatives carboxylic acid co-crystals for pharmaceutical application	K. Gokulapriya S. Iswarya S. Brinda	PS-026	7500/-
242.	Dr. A. Prabavathi Assistant Professor Dept. of Physics Sengamala Thayaar Educational Trust Women's College Mannargudi - 614 016	Green synthesis of moringa doped nanoparticles	K. Sivadharshini K. Swetha C. Vishnupriya P. Aarthi	PS-027	7500/-
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245.	Dr. P. Ramesh Babu Assistant Professor Dept. of ECE Sri Krishna Arts and Science College Coimbatore - 641 008	Green Synthesis of Pure and R ₂ O ₃ doped TiO ₂ Nanoparticles for Dyes Photodegradation	V. Swetha	PS-030	7500/-

246.	Dr. D. Parthiban Assistant Professor Dept. of Chemistry Rajeswari Vedachalam Government Arts College Chengalpattu - 603 001	Green protocol for synthesis of functionalized chromeno-pyrimidine-2,5-dione /thione derivatives in glycerol by organocatalytic multicomponent reaction	J. Puvithra	PS-031	7500/-
247.	Dr. S. Jasmine Mary Assistant Professor Dept. of Chemistry Government Arts College, Kumbakonam Kumbakonam - 612 002	Anti-Diabetic Activity of the Isolated Polyphenolic Drugs from the Flowers of Sena Alata	S.S. Abirami	PS-032	7500/-
248.	Dr. V. Rama Associate Professor and Head, Dept. of Chemistry Sarah Tucker College Tirunelveli - 627 007	Purification of medical waste water containing heavy metals such as Gd/Hg modified hydrotalcites as efficient recyclable adsorbents	S. Thanalakshmi G. Grace Muthurani A. Hari Vidhya	PS-033	7500/-
249.	Dr. K. Dinakaran Associate Professor Dept. of Chemistry Thiruvalluvar University Vellore - 632 115	Removal of hexavalent chromium from ground water in Ranipet industrial area through photocatalytic reduction processes	R. Dayanandhini K. Elankathirselvan M. Thamizharasi K. Vimala	PS-034	7500/-
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252.	Dr. A. Lalitha Assistant Professor Dept. of Chemistry Periyar University Salem - 636 011	A cascade synthesis of novel azo fused nitrogen rich heterocyclic compounds and their applications in photophysical, biological and DFT studies	S. Sumitha	PS-037	7500/-
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254.	Dr. M. Shantha Raj Prabhu Assistant Professor Dept. of Chemistry Muthurangam Government Arts College Vellore - 632 002	Spectroscopic investigational and invitro anthelmintic biological screening effects on zinc complexes on pheritima posthuma	D. Hariharan M. Sathish	PS-039	7500/-
255.	Dr. Mohammed Danish Assistant Professor Dept. of Chemistry Periyar Maniammai Institute of Science and Technology Thanjavur - 613 403	Solar cell assisted photoelectrochemical splitting of hydrogen sulphide for hydrogen production	A. Dhivyalakshmi	PS-040	7500/-

256.	Mrs. J. Kavitha Assistant Professor Dept. of Chemistry V.V. Vanniaperumal College for Women Virudhunagar - 626 001	Fabrication of optical biosensor detection using screen printed electrodes functionalized with carbon nanotubes and TCAA/graphene oxide	R. Gomathi	PS-041	7500/-
257.	Dr. C. Dorothy Sheela Associate Professor Dept. of Chemistry The American College Madurai - 625 002	Design, Synthesis. Anticancer. Corrosion and computational studies of formylchromone based metal complexes	A. Innasiraj B. Anandhi	PS-042	7500/-
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261.	Dr. G. Sivasankari Assistant Professor Dept. of Chemistry Cauvery College for Women, Trichy - 620 018	Nanoelectric analytical sensor on heavy metals using redox behaving metal complexes	A. Sheela B. Gayathri devi T. Indhuja M. Hemalatha	PS-046	7500/-
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263.	Mrs. L.T. Parvathi Assistant Professor and Head Dept. of Chemistry Sri Kaliswari College Sivakasi - 626 123	Environmental application of nano rod	G. Mariselvi	PS-048	7500/-
264.	Dr. Sheeba Daniel Assistant Professor Dept. of Chemistry Holy Cross College Nagercoil - 629 004	Binding studies of Ruthenium (II) phenanthroline -phenidione complexes with amino acids	R.S. Anusha Kumari X. Diana	PS-049	7500/-
265.	Dr. C. Zozimus Divya Lobo Assistant Professor Dept. of Chemistry St. Mary's College Thoothukudi - 628 001	Phytochemical based lead identification through in silico drug design as antihypertension	T. Kowsalya K. Subha	PS-050	7500/-

266.	Dr. M. Murugalakshmi Assistant Professor Dept. of Chemistry The Standard Fireworks Rajarathnam College for Women, Sivakasi - 626 123	Ecofriendly approach for the synthesis and characterization of first row transition nano metal oxides and their applications	P. Anitha M. Priyanka	PS-051	7500/-
267.	Dr. P. Ramesh Assistant Professor Dept. of Chemistry Vivekananda College of Arts and Science for Women Tiruchengode - 637 205	A low cost green route to phenoxazine based chemosensor doped r-GO: a platform for ultrasensitive detection on heavy metal ions in water treatment	C.V. Aarthi N.S. Aparna G. Meenatchi	PS-052	7500/-
268.	Dr. M. Saravanabhavan Assistant Professor Dept. of Chemistry Sri Ramakrishna Mission Vidhyalaya College of Arts and Science, Coimbatore - 641 020	Water soluble carbazole azoles for anti-alzheimer and anticancer activities	M. Kesavan A. Kalaivanan	PS-053	7500/-
269.	Dr. T. Radha Assistant Professor Dept of Chemistry Saivu Bhanu Kshatriya College Aruppukottai - 626 101	Microwave Assisted Synthesis of Silver Nano Particle from Zingiberaceae Plants Extract ; Applications as a Paint Additive in Water Based Paints	U. Asvini C. Rohini	PS-054	7500/-
270.	Dr. Mary George Associate Professor Dept. of Chemistry Stella Maris College Chennai - 600 086	The Effect of Deep Eutectic Solvents on the Biocompatible Synthesis of Magnesium Molybdate Crystallites for Environment Remediation	C. Lavanya	PS-055	7500/-
271.	Dr. M.S. Dhennadayalan Professor Dept. of Chemistry G.T.N. Arts College Dindigul - 624 005	Pollution of the Industrial Effluent in Ground Water and Treatment by the Utilization of Solar Energy for the Zero Level Discharge of the Industrial Effluent	J. Durga Dharshini R. Priyadharshini S. Viveka	PS-056	7500/-
272.	Dr. D. SaravanaKumar Assistant Professor Dept. of Chemistry Pachamuthu College of Arts and Science for Women Dharmapuri - 636 701	Synthesis of Aggregation Induced Emissive Active compounds and their Studies	S. Kanniyammal M. Muthulakshmi S. Suguna P. Vinitha	PS-057	7500/-
273.	Dr. R. Ramprasath Assistant Professor Dept. of Chemistry Ayya Nadar Janaki Ammal College, Sivakasi - 626 124	Green Polymer Stabilizer Hydro Talcite Production and Application	N. Anburaj	PS-058	7500/-
274.	Ms. S. Kalaipriya Assistant Professor Dept. of Chemistry K. S. Rangasamy College of Arts and Science Tiruchengode - 637 215	Green Synthesis, Characterization and Application of Zinc Oxide Nanoparticles using Terminalia Catappa Leaves Extract	E. Dhayanithi M. Nandha Kumar C. Sivaranjani	PS-059	7500/-
275.	Dr. R.A. Kalaivani Director/Dept. of Chemistry Vels Institute of Science, Technology and Advanced Studies, Chennai -600 117	Synthesis and Characterization of Nickel Rich Layer Cathodes for High Energy Density Li-ion Batteries	Meera Michael Benadict S. Surya	PS-060	7500/-

Social Sciences

276.	Dr. S. Akila Assistant Professor Dept. of Physical Education Bharathiar University Coimbatore - 641 046	Anthropometric calculations (Z, HAZ and WAZ scores) based on the WHO child growth standards to assess malnutrition among Tribal children of Tamil Nadu	R. Jamuna K. Kiruthika T. Abirami V. Aishwarya	SS-001	7500/-
277.	Dr. P. Indumathy Associate Professor & Head Dept. of Foods and Nutrition Vellalar College for Women Erode - 638 012	Health status of institutionalised post menopausal women in Erode District	K. Pavithra	SS-002	7500/-
278.	Mrs. D. Annie Rose Nirmala Associate Professor & Head Dept. of Management Studies Francis Xavier Engineering College Tirunelveli - 627 003	Utilisation of schemes especially provided for women entrepreneurs	S. Abinaya Devi V. Aswin	SS-003	7500/-
279.	Dr. A. Ilanthirayan Assistant Professor Dept. of Geology Government Arts College Salem - 636 007	Local water bodies conservation and management by using geospatial technology with special reference to Ammapettai lake, Salem city, Tamilnadu	V. Karthikeyan M. Dhanalakshmi	SS-004	7500/-
280.	Mrs. K.V. Manju Assistant Professor Dept. of MBA Sri Ramakrishna Institute of Technology Coimbatore - 641 010	An empirical study on the influence of microcredit on the economic empowerment of women in coimbatore District with focus on self-help groups	S. Priya	SS-005	7500/-
281.	Dr. Evangeline Assistant Professor Dept. of Management Studies Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Chennai - 600 062	Ancillary units of automobile sector recession in Thiruvallur District	B. Karthikeyan P. Revathy S. Sukumar V. Vijayakumar	SS-006	7500/-
282.	Mrs. E. Kamatchi Muthulakshmi Assistant Professor Dept. of Management Studies KV Institute of Management and Information Studies Coimbatore - 641 107	Mangroves for coastel protection and needs of their reforestation	O.S. Krithika K.S. Harisree R. Harilekshmi	SS-007	7500/-
283.	Dr. M. Parimalam Assistant Professor Dept. of Management Studies Vivekananda Institute of Management Studies Coimbatore - 641 107	A study on socio economic status of women engaged in handloom weaving industry with reference to Coimbatore District	C. Kaviarchanaa	SS-008	7500/-

284.	Mr. S. Shahul Ameen Assistant Professor Dept. of Management Studies Karpaga Vinayaga College of Engineering and Technology Kanchipuram - 603 308	A study on promotional strategies for self help groups (SHGs) product in Tamilnadu	S. Manju N. Haritha	SS-009	7500/-
285.	Dr. P. Karthikeyan Assistant Professor School of Management Studies Kongu Engineering College Erode - 638 060	Can livestock be the game changer in enhancing the farmers income? - a case study with reference to Erode District	S. Sanchay Prathap K.K. Sree Sangeeth S. Arunprakash	SS-010	7500/-
286.	Dr. A. Ananth Associate Professor Gnanam School of Business Thanjavur - 613 402	A Study on impact of GST in SMEs with special reference to Thanjavur District	S. Sandhiya K. Padmapriya	SS-011	7500/-
287.	Dr. K.C. Praveen Assistant Professor Dept. of Management Studies Rathnavel Subramaniam College of Arts and Science Coimbatore - 641 402	A study on organic farming practices adopted by agriculturists at Palladam taluk, Tiruppur district	Syed Ibrahim S. Santhosh	SS-012	7500/-
288.	Ms. Geethanjali Dept. of Food and Nutrition Mother Teresa Women's University Madurai - 625 019	Empowerment of transgender people through intervention and food processing skill training	A. Carolin Shanthi	SS-013	7500/-
289.	Dr. D. Yuvaraj Assistant Professor Dept. of Geography Government Arts College Coimbatore - 641 018	Urban sprawl analysis of Coimbatore city using geospatial technology	T. Radhakrishnan	SS-014	7500/-
290.	Mrs. R. Saranya Assistant Professor Dept. of Management Studies Dr. N.G.P. Institute of Technology Coimbatore - 641 048	A study and analysis of impact of working women in IT sector (Night shift) and their lifestyle with reference to Coimbatore city	Marriamma Steven S. Keerthana	SS-015	7500/-
291.	Mr. N. Karthikeyan Assistant Professor Dept. of Management Sri Krishna College of Technology Coimbatore - 641 042	Social inclusion through Pradhan Mantri Jan Arogya Yojana (PM-JAY)-A study to measure the impact in rural areas of Coimbatore	C. S. Arul Selvan K. Sathiya Priyan M. Dhanuskodi	SS-016	7500/-
292.	Dr. V. Premala Priyadarsini Professor Dept. of Food Service Management & Dietetics Avinashilingam Institution for Home Science and Higher Education for Women Coimbatore - 641 043	Nurturing holistic health among visually challenged adolescent boys and girls through technology assisted intervention for inclusion	Nabina Lawoti	SS-017	7500/-

293.	Dr. A. Jafersadhiq Assistant Professor Dept. of Management Studies Erode Sengunthar Engineering College Erode - 638 057	A study on impact of GST on small scale industries at Erode district	S. Nagalakshmi	SS-018	7500/-
294.	Dr. K. Pradeepa Veerakumari Assistant Professor Dept. of Statistics Bharathiar University Coimbatore - 641 046	A progressive awareness study on significance of renewable energy resources and its impact on society	B. Geetha L. Prabhadevi R. Yamuna	SS-019	7500/-
295.	Mr. R. Senkotuvel Assistant Professor Dept. of Commerce Muthayammal College of Arts and Science Namakkal - 637 408	A study on problems and prospects of small scale industries in Salem District	A. Priya P. Priya	SS-020	7500/-
296.	Mr. K. Guru Assistant Professor Dept. of Management Studies SRM Valliammai Engineering College Kattankulathur - 603 203	Imparting knowledge on solid waste mangement for municipal workers of Chengalpet Taluk with reference to "Hand in Hand India" SWM project	N. Ajith Kumar K. Akshay A. Jayanth	SS-021	7500/-
297.	Dr. S. LakshmiPriya Assistant Professor Dept. of Business Administartion Sri Krishna Arts and Science College Coimbatore - 641 008	Eradication of manual scavenging by usage of Genrobotics towards uplifting the health and welfare status of scheduled caste scavenging women in coimbatore district	J.X. Shalini	SS-022	7500/-
298.	Dr. Priya Sethuraman Associate Professor Dept. of Management Studies St. Joseph's College of Engg.Chennai - 600 119	Construction of mental behaviour model of suicidal ideation among students	S. Sneha S. Naresh Krishnan J. Sharon Bercy C.S. Srivatsan	SS-023	7500/-
299.	Mrs. C. Dhanya Assistant Professor Dept. of Management Studies Dr. N.G.P. Institute of Tech. Coimbatore - 641 048	A study and analysis of bio-medical waste management process in the selected hospitals with special reference to Coimbatore city	R. Santhiya R. Pragatheeswaran	SS-024	7500/-
300.	Dr. A. Vijaykumar Professor, Dept. of EEE Anjalai Ammal Mahalingam Engineering College Tiruvarur - 614 403	Smart rainwater harvesting system with well recharging for home using solar power	S. Gokul Raj R. Mohamed Aslam D. Nithish Kumar G. Vijay Anand	SS-025	7500/-
301.	Dr. M. Priya Assistant Professor School of Home Science Avinashilingam Institution for Home Science and Higher Education for Women, Coimbatore-641043	Anxiety among natural art and IVF pregnant mothers	Thongam Victory Khangnabi	SS-026	7500/-

302.	Dr. J. Chandrakhanthan Assistant Professor School of Management Sri Krishna College of Tech Coimbatore - 641 042	Orphanage kids	N. Divya V. Indhumathi	SS-027	7500/-
303.	Dr. P. Arul Associate Professor Dept. of Geography Government Arts College Salem - 636 007	Evaluation and exploration of the eco tourism potential and enhance the livelihood of aboriginals in Yelagiri Hill, Tamil Nadu State by using geospatial technology	R. Girinath	SS-028	7500/-
304.	Mr.S.Parthasarathy Professor,Dept. of EEE New Prince Shri Bhavani College of Engineering and Technology Chennai-600073	Robotic child rescuer from open deep bore well	M.Dhakshinamoorthy R.Vijayabalaji	SS-029	7500/-
305.	Ms. J. Harine Sargunam Assistant Professor PG & Research Dept. of Nutrition and Dietetics Jamal Mohamed College Tiruchirappalli - 620 020	Effect of antioxidant-rich punch by incorporation of cinnamon (cinnamomum varum) for colon cancer	P. Mahalakshmi	SS-030	7500/-

Veterinary Sciences

306.	Dr.P.C.Sakthivel Assistant Professor Dept. of Animal Nutrition Veterinary College and Res.Inst.,Namakkal-637002	Serum biochemical and lipid profile of broiler supplemented with different sources of lauric acid	T.Hemalatha	VS-001	7500/-
307.	Dr.K.Anbarasu Assistant Professor Dept. of Biotechnology Periar Maniammai Inst. Of Science and Technology Thanjavur-613403	Development of Herbal medicine for treatment of bovine mastitis	Abarna Balamurugan Rishikumar S Kilurudeen S	VS-002	7500/-
308.	Dr.K.Senthilkumar Assistant Professor Dept. of VGO Veterinary College and Research Institute Namakkal-637002	Efficacy of induction of estrum by administration of ethno veterinary medicines (EVM) in Anestrus cows	R.Ruthrakumar S.Senthamizhan G.Sathriyan V.Bathmanaban	VS-003	7500/-
309.	Dr.D.Arunkumar Assistant Professor Dept. of Biotechnology Shri Nehru Maha Vidyalaya College of Arts and Science Coimbatore-641050	A study on enhancing the feed supplement in crossbred cows for sustainable milk production using protein nanofibrils (PNF's) in small holder dairy farms	S.Sreeja	VS-004	7500/-
310.	Dr.S P Malarkannan Assistant Professor Arul Anandhar College Karumathur-625514	Development of therapeutic flavoured milk incorporated with drumstick flower for management of diabetics and Libido	K.Kishore	VS-005	7500/-
311.	Dr.A.Arulmozhi Assistant Professor Dept. of Veterinary Pathology Veterinary College and Research Institute Namakkal-637002	Evaluation of antibacterial effect of sangam kuppi (Clerodendron inerme) against poultry pathogens	P.Shanmugavadivu	VS-006	7500/-

312.	Dr.K.Rajendran Assistant Professor Dept. of Poultry Managt. College of Poultry Production and Management Hosur-635110	Solar powered ultrasonic emitter to control rodents and files using wireless technology	R.Pooja	VS-007	7500/-
313.	Dr.V.Manivasagam Professor Dept. of Biotechnology Adhiyamaan College of Engg.,Hosur-635130	Natural Pest Control spray for chickens	Gopi. K	VS-008	7500/-
314.	Dr.S.M.K.Karthickeyan Professor Dept. of Animal Genetics and Breeding Madras Veterinary College Chennai 600 007	Genetic Prediction of semen production potential of diary bulls using artificial neural network (ANN)	Jeevan C	VS-009	7500/-
315.	Dr.M.Selvaraju Professor,Dept. of VGO Veterinary College and Research Institute Namakkal-637002	Inclusion of poly unsaturated fatty acids during superovulatory protocol on embryo recovery in kangayam cows	M.Periannan	VS-010	7500/-

Member Secretary