

**TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
 DOTE CAMPUS, CHENNAI-600025**

**APPROVED LIST OF STUDENT PROJECTS 2018-2019
 SCIENCE STREAM**

AGRICULTURAL SCIENCES

No.	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amt. Rs.
001	S.Kalaivani Assistant Professor Shri sakthikailashh Women's College Salem-636003	Biological control of leafminer (Aporaerem amodicella L.) in groundnut field against chitinase producing microorganism from soil	A Athira	AS-001	7500/-
002	Dr D Arulbalachandran Assistant Professor Dept. of Botany Periyar University Salam- 636011	Screening of drought tolerance rice genotypes in varied arid regions of western Tamilnadu	M Ramya P shanumuga Priya V Sivaranjani	AS-002	7500/-
003	B Narenthiran Dept. of Mech. Engg. Karpagam Academy of Hr.Educaton Coimbatore - 641021	Design and fabrication of water filter using CNT/AGNW	P Ramkumar M Giri raja M Manikandan S Vinith Kumar	AS-003	7500/-
004	Dr. G. Ayyappadasan Assistant Professor Dept. of Biotechnology KS Rangasamy college of Technology Namakkal-637251	Design and development of sprouted multi chamber for the formulation protein rich powder as a ready to serve for adolescent girls	Ramya. S	AS-004	7500/-
005	Dr R Selvakumar Associate Professor Dept. of CSE Adhi College of Engg. And Tech Kancheepuram - 631305	iABIG: improved agriculture - best innovation for generations	N Kala G Geetha M Punitha E saranya	AS-005	7500/-
006	Dr R Durai singh Professor Regional Research Station Aruppukottai-626107	Evaluation of planting methods and weed management practices in SRI raised under puddled and un – puddled field conditions	Nandhini Y	AS-006	7500/-
007	Dr K Chinnusamy Professor, Dept. of ECE Velammal Inst. Of Technology Panchetti-601204 Thiruvallur Dt.	Farmer to customer e-trade	B Ganasankari N R Abarna M Muthu Manjula	AS-007	7500/-
008	Dr. A. Joshi and Palaniraj. A Professor Dept. of Informtion Technology Panimalar Institute of Technology Chennai-600123	Farmers toy	Antony Dhanapaul. V Anand. B Cesho Jephil. A Bhuvanesh. M	AS-008	7500/-
009	Dr K S K Sasikumar Associate Professor Dept. of Mechanical Engineering Kongu Engineering College Perundururai-638052	Design and development of coconut leaflet midrib separator	M.Gokulnath P Jagan S Gowthaman	AS-009	7500/-

010	Mr.D.Dinesh Kumar Asst. Professor Dept. of EIE St.Joseph's College of Engineering Chennai- 119	Wireless pollution monitoring and pest eradication in Agriculture for Eco-friendly	K Tharanitharan S Varun	AS-010	7500/-
011	Mrs.S.Sangeetha Assistant Professor Dept. of CSE SNS College of Technology Coimbatore -641035	Smart Agriculture using WSN and IoT	R Nithya R Nandhini S Nandhini P Nivedha	AS-011	7500/-
012	Prof.K.S.Vairavel Associate Professor Dept. of EEE Bannari Amman Inst. of Technology Sathyamangalam-638401	Remote controlled device for coconut plucking in agriculture sector	R Sathish Kumar Nithish Kumar M	AS-012	7500/-
013	Mr.S.Ravi Shankar Assistant Professor Faculty Management Builders Engineering College Kangayam-638108	A study on public opinion towards rain water harvesting with special reference to Tirupur district.	K Tamilselvan P Vasudevan	AS-013	7500/-
014	Ms.Jeyamani Divya Christodoss Professor Dept. of Food Chemistry Loyola college Chennai-600304	Impact of bio and chemical fertilizers on the nutrient content and antioxidant activity of certain green leafy vegetables and formulation of soup mix powders incorporating the dried leaf powder	Afra Fathima A	AS-014	7500/-
015	Mr D Maran Assistant. Professor Dept. of ECE SRM-TRP Engineering College Tiruchirappalli-621105	Ultrasonic pest control system using raspberry Pi	M Siva Priya P Suvetha R thanga Arthi R Vanishree	AS-015	7500/-
016	Ms.K Thilagavathi Assistant Professor Dept. of ECE Kumaraguru College of Technology Coimbatore - 641049	Detection of diseases in Sugarcane using image processing techniques	R C Sahana S V Arockia Joseph Arina	AS-016	7500/-
017	Ms.Poongothai K Assistant Professor Dept. of CSE KGiSL Inst. Of Technology Coimbatore -35	Android application for organic farming using kotlin	Anjana Manoj K T Deepthi M Aiswarya	AS-017	7500/-
018	Dr.P.Megaladevi Dean Dept. of MBA Jai Shriram Engineering College Tiruppur-638660	A study on awareness of organic food products in Tiruppur districts	S Gowri M Swathi	AS-018	7500/-
019	V D Prabhu Assistant Professor Dept. of Mechanical Engg. Shree Venkateshwara Hi-Tech Engg. College Gobi-633453	Solar powered seed sowing machine	R Chandrakumar R P Kathiravan R Mohan Raj Y Mohinth	AS-019	7500/-
020	Dr.R.Porselvi Professor and HOD Dept. of EEE Sri Sairam Engg. College Chennai-600044	Ethanol extraction from Agricultural waste to power flex fuel vehicles	J Nisha K Thendral P Vasantha Devi	AS-020	7500/-

021	Mr.R.Rajmohan Sr.Associate Professor Dept. of CSE IFET College of Engineering Villupuram- 605108	Smart identification of pest and disease in crops	Keerthimathi V.K B Subhisha	AS-021	7500/-
022	Mr. Praveen. UK Assistant Professor Dept. of ECE Ranganathar Institute of Engg and Tech,Coimbatore-641110	A real time automation for green house farming with scheduled wireless sensor network using raspberry pi and arduino	Ashique Mohammed. MS Harishkumar. C Raman Kishore. T	AS-022	7500/-
023	Mr D Manikandan Assistant Professor Dept of Mechanical Engineering Knowledge Inst. of Technology Salem - 637504	Quad-copter UAV assisted fertilizer and pesticide spraying system	M Venkateshwaran	AS-023	7500/-
024	Mr. R. Senthil kumar Assistant Professor Dept. of Agriculture Sri krishna college of technology Coimbatore-641042	Design and implementation of arduino based smart drip irrigation system using solar energy	Jaya nandhini. S Jenisha. J Madhumitha. S Jayalakshmi. M	AS-024	7500/-
025	K Ashok Kumar Assistant Professor Dept. of Electronics Sri Ramakrishna College of Arts and Science coimbatore - 641006	Efficient irrigation control using weather and soil condition	M Arun C Saravana Kumar P Pushpajothi	AS-025	7500/-
026	Dr D Sridharan Asst. Prof. (SG) Anjalai Ammal- Mahalingam Engg. College Koyilvenni-614403	Combined effect of aloe vera, azadirachta indica and ocimum tenuiflorum coating as post harvest treatment to enhance the shelf life to tomatoes	A Yogeshwaran M Vijayaragavan M Maniaram	AS-026	7500/-
027	A Siva Prakash Assistant Professor Dept. of EEE Mepco Schlenk Engg. College Sivakasi-626005	Wireless sensor based remote controller irrigation monitoring system	Angelin Mouna P Seema Priya Dharshini S	AS-027	7500/-
028	Dr D Rajakumar Dept. of Farm Management Agricultural College and Research Institute,TNAU Killikulam-628252	Effect of organic mulches and intercropping in irrigated finger millet (Eleusine Coracana L.)	R Vishalini	AS-028	7500/-
029	Dr. P. Renuka Devi Assistant Professor Dept. of Biotechnology Anna University Coimbatore-641046	Encapsulation of microorganism for a slow release biofertilizer	Beula Isabel.J	AS-029	7500/-
030	Mrs.V Durgadevi Assistant Professor Dept. of IT M Kumarasamy college of Engineering Karur-629113	A low cost IoT based agriculture land monitoring system for smart Agriculture	G Saranraj S Srimathi J Shanmugapriya R K Rithanya	AS-030	7500/-
031	Dr Raneesh K Y Associate Professor Dept. of Agricultural Engineering Sri Shakthi Inst. of E&T Coimbatore- 641062	Automated micro irrigation using soil moisture sensors	V Priyanka Sanath Krishna D Sindhu C Terrance	AS-031	7500/-

032	Mr. Saravana kumar. S Assistant Professor Dept. of Mechanical Engineering NSN college of Engg and Tech Karur-639003	Smart dronebot for agriculture, medical transport and calamity	Jayasurya. D Kirubai. S Manikandan. R N. Nagalakshmi	AS-032	7500/-
033	Dr M Nagarajan Assistant Professor Dept. of SWCE & AST Agricultural Engg. College and Res. Inst., TNAU Kumalur-621712	Study on effective management of groundwater by water balance modeling	P Vijay S Venkateswaran G Uma S Gomathi	AS-033	7500/-
034	Mr V Mohan Kumar Assistant Professor Dept. of Mechanical Engineering Velalar college of Engg. and Tech.,Thindal, Erode- 12	Solar Automated fertilizer dispenser	M Vasanthavelan R Surya S Ponmurugan S Tamilarasan	AS-034	7500/-
035	Dr G Ramprabu Associate Professor Dept. of EEE New Prince Shri Bhavani College of E&T, Chennai-600073	A novel technology for smart agriculture based on IoT with cloud computing	M Kanmani	AS-035	7500/-
036	Ms.S Sumathi Assistant Professor Dept. of CSE Sri Ramakrishna Inst. of Technology Coimbatore - 641010	Agri mobile app for tea crop prediction using deep learning and unmanned vehicle	B Akshaya A Mohammad Fayas	AS-036	7500/-
037	Dr K Kathiravan Assistant Professor Dept. of Biotechnology University of Madras Chennai-600025	Molecular characterization of begomovirus in weed cropping system in Tamilnadu	S Devanathan	AS-037	7500/-
038	Dr A Raja Assistant . Professor Dept. of Microbiology Jamal Mohamed College Trichy-620020	Study on impact of plant growth promoting rhizobacteria (PGPR) on aeroponics system for the cultivation of tomatoes and peas	A Praveen	AS-038	7500/-
039	Mr J Thamotharan Assistant Professor Dept. of Mech Engineering Shreenivasa Engineering College,Dharmapuri-635301	Design and fabrication of solar based guard for protecting farmers from snakes	R Ashokkumar P Viji R Isaac V Vijayaganth	AS-039	7500/-
040	Dr K A Selvam Assistant Professor Dept. of Microbiology Indo-American College Cheyyar-608002	Preservation of vegetable by nanotechnology a novel approach	M Chitra	AS-040	7500/-
041	M Dinesh Assistant Professor Dept. of Mech Engineering SVS College of Engineering Coimbatore - 642109	Design and fabrication of beetroot harvester	N Masilamani S Karthikraja	AS-041	7500/-
042	Mr H Sabareesh Assistant Professor Dept. of Mathematics Vivekanadha College for Women Tiruchengode-637205	Investigation on the socio- economic condition of the farmer- community around the villae of karur district - Tamilnadu	R Ganapriya G Sowmugu	AS-042	7500/-

043	Dr R Beulah Jayakumari Asso. Professor, Dept. of CSE Jerusalem College of Engineering Chennai-600100	Drought prediction using geospatial big data	A Abisha	AS-043	7500/-
044	Dr E M Rajesh Dept. of Microbiology PSG College of Arts and Science Coimbatore – 641014	Effect of gibberellic acid produced by fusarium sp., which promotes growth of black gram (Vigna mungo) under salt stressed conditions	Monica S V	AS-044	7500/-
045	Dr. Barath Kumar Assistant Professor Botany and Biotechnolgy Bonsecours College for women Thanjavur-613006	DNA finger print in adulteration and evolutionary origin for traceability for selective Vriksha Ayurvedic rice varieties cultivated in Thanjavur district	Pavithra. K	AS-045	7500/-
046	Dr T Arumugam HOD Dept. of Vegetable Crops Horticulture College and Res. University Coimbatore - 641003	Haploid induction in multiplier onion (allium cepa var. aggregatum) through in vitro gynogenesis	S Adhiyaman	AS-046	7500/-
047	Mr S Prasanna Kumar Assistant Professor Dept. of Mechatronics Agni College of Technology Chennai-600130	Machine vision system for identification of Inadequate nutrition in Agricultural crops	R Premkumar K V Santhosh E Raghul R Sakthimurugan	AS-047	7500/-
048	Dr D.Dinesh kumar Assistant Professor Dept. of Agriculture Engineering Mahendra Engineering College Namakkal-637503	Design and development of red gram thresher mounted using PTO	Mahalingam. M Ajith.A Kalaiselvan. T Sathish. J	AS-048	7500/-
049	Mrs.S.Uma Devi Assistant Professor Dept. of Microbiology and Biochemistry Nadar Saraswathi College of Arts and Science Theni-625531	A Comparative analysis of Indole Acetic Acid in Azospirillum species and enhancing the growth and yield of varieties of paddy plants	B.Suhameena	AS-049	7500/-
050	Dr J Arun Kumar Asst.Professor Dept. of Microbiology Vivekanandha college of Arts and Science for Women Elayampalayam-637205	Evaluation of biological efficacy of bacterial strains to effectively control aflotoxin production and inhibition of aspergillus flavus	M Bavithra	AS-050	7500/-

BIOLOGICAL SCIENCES

051	Dr.B.Chitra Assistant Professor Dept. of Biotechnology Srimad Andavan Arts & Science College, Trichy-620005	A case study -Heavy metal and pesticide analysis from naturally reared honey	G.Jeeva	BS-001	7500/-
052	Dr. Priyadarshini Dept. of Botany Vivekananda College of Arts & Sciences for Women Elayampalyam-637205	Isolation and characteristics of root endophytic fungi in medicinal plants	S. Praveena	BS-002	7500/-

053	Dr. R. Mahesh Assistant Professor Dept. of Botany South Travancore Hindu College Nagercoil-629002	Molecular consevation and DNA barcoding of the selected microbes in Kanniyakumari District, Tamil Nadu	V. Sree Devi	BS-003	7500/-
054	Mr.P.K.Praveen Kumar Assistant Professor Dept. of Biotechnology Sri Venkateswara College of Engg Sriperumbudhur-602117	Vaccine development against Nipah Virus by Reverse Vaccinology approach	Arthi U Subasree S	BS-004	7500/-
055	Dr.S.Kannan Professor Dept. of Zoology Periyar University Salem-636011	Design of novel antibody - decorated gold nanoparticles to target-HER2 positive breast cancer	M.Annapoorani D Deepa M.Narmatha D.Tamarai Selvi	BS-005	7500/-
056	Dr.Jeni Chandar Padua Assistant Professor Dept. of Zoology Holy Cross College Nagercoil-629 004	Radioresistance , Radiosensitivity and regeneration in the earthworm Eudrilus Euginae exposed to natural background radiation	Sahaya Priya R Seetha Lekshmi T	BS-006	7500/-
057	Dr.V Shankar Professor Dept. of Biology PSG College of arts and science,Coimbatore 641 004	Carbo platin mettalic nano particles with pH sensitive polymer for targeted delivery to ovarian cancer cells	R Priyadharshini	BS-007	7500/-
058	Dr.K.Rajathi Assistant Professor Dept of Biochemistry Dr.N.G.P Arts and science college(Autonomous) kallapatii Road, Coimbatore-641 048	Effect of fucoidan mediated Zinc Oxide nanoparticle on the TRAIL induced Apoptosis in Prostate cancer PC-3 Cell Line	Ms.M.Muthubharathi	BS-008	7500/-
059	Dr. B. Kadalmani Assistant Professor Dept. of Zoology Bharathidasan University Trichy-620 024	Role of HMGA1 gene in Theca cells of PCOS mice by siRNA technology	Ms. C.M.Arya	BS-009	7500/-
060	Dr.K. Pandima Devi Associate Professor Dept. of Biotechnology Alagappa University Karaikudi-630 004	Testing synthesized dihydroactinidiolide for its efficacy against Alzheimer's disease in neuroblastoma cells	Ms.M. Mangayarkarasi	BS-010	7500/-
061	Dr.I.Johnson HOD,Dept. of Biology St.Joseph's College Trichy -620002	Biosensor To Detect Dengue Fever	K.Abirami	BS-011	7500/-
062	Dr.D.Yuvaraj Head of dept Dept. of Biotechnology Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Chennai-600062	Deisgn implimentation of needleless glucose level monitoring and data sharing using NIR spectroscopy technic and GSM module	M.K.Akashprabhu R.Kishorekumar	BS-012	7500/-
063	DR.R. Shyam Kumar Associate professor Dept. of Biotechnology Kamaraj College of Engineering and Technology Virudhunagar-625701	Extraction of Water Soluble Polysaccharides From Pumpkin (Cucurbita moschata) And Their Characteristics	S.Gayathri V.Shruthi R.Komal Keerthika Devi	BS-013	7500/-

064	Dr.M.Johnson Assistant Professor Dept. of Botany St.Xavier College Tirunelveli 627 002	Evaluation of Antioxidant ,Anti-cancer Cytotoxic Studies on Selected Pteridophytes of Tamilnadu	R.Alex Christon	BS-014	7500/-
065	Dr. S. Sivasankari Assistant Professor Dept of Botany Nirmala College for Women Red fields Coimbatore-641018	TFdb- A Database for transcription factors involved in Human Diseases	P.Dhivya	BS-015	7500/-
066	Dr. M Devi Assistant Professor Dept. of Biochemistry Muthayammal College of Arts and Science Rasipuram 637 408	Invitro anti oxidant and invitro cytotoxicity assay of decalepis hamiltonii root using colorectal cancer cell lines (HT-29)	A.Divya Suruthi	BS-016	7500/-
067	Dr. G.Devendran Assistant Professor Dept. of Zoology A.V.V.M Sri Pushpam College,Thanjavur-613 503	Studies on the selected medicinal plants leaf extract on regulation of Hyperthyrodism in Albino rats (Rattus nonvegus)	A. Sowmiya	BS-017	7500/-
068	Dr.B.Mythili Gnanamangai Assistant Professor Dept. of Biotechnology KSR College of Technology Tiruchengode-637215	Formulation of ferritin rich bakery product using yeast cultivated under magnetic field	K.Nandhini Priya	BS-018	7500/-
069	Dr.V.Mariappan Assistant Professor Dept. of Zoology ANJA College Sivakasi-626124	A study of pesticide pollution in certain agro eco system of Sivakasi by using earthworm gut-enzymes as an indocator	R.Sandhiya	BS-019	7500/-
070	Mrs.V.Varalakshmi Assistant Professor Dept. of Biotechnology PSR Engineering College Sivakasi 626140	Biodegradable plastic from shells of arachis hypogaeae	S Ponkalaivani K.Shajina M.Sangeetha	BS-020	7500/-
071	Dr.P.Baby Shakila Professor Dept. of Biosciences Sri Krishna Arts and Science College,Coimbatore-641008	2D and 3D structure of Cu doped ZnO nanoparticles: its cytotoxiic activity against SiHa Cell Line	D.Naveen Kumar	BS-021	7500/-
072	Mrs.K.Yamuna Assistant Professor Dept. of Biotechnology K S Rangasamy College of Arts and Science Tiruchengode-637 205	Anti-itching activity of silver nanoparticles fabric coated inner wears and its spectral characterization from allium sativum	M.Devendiran	BS-022	7500/-
073	S.Jeevitha Assistant Professor Dept. of Biotechnology Vivekanandha College of Engineering for women Tiruchengode-637205	Catharanthus roseus Extract loaded silk fibroin webs for chronic wound dressing in diabetic patients	C.Sivagami S.Girija M.Nathiya	BS-023	7500/-
074	Dr.R.Baskar Assistant Professor Dept. of Biotechnology Kumaraguru College of Technology Coimbatore-641049	Modulation in the expression of GLUT4 receptor in adipocytes of TYPE II diabetes by tannin principles from Emblica officinalis	K.Nandhakumar P.Subramania Siva V.G.Balaji V R Raguram	BS-024	7500/-

075	Dr.Vinita Ernest Assistant Professor Dept. of Biotechnology DKM College for Women Vellore-632001	Cloning and expression of VP28 gene in spinach through agroinfiltration technique using peaq-HT vector	S.Narmadha S.Pooja A.Ramya P.Thenmozhi	BS-025	7500/-
076	Dr.V.Samuel Gnana Prakash Professor Centre for Marine S&T Manonmaniam Sundaranar University, Tirunelveli-629502	In vivo evaluation of chitosan-hydroxyapatite nanocomposite as bone substitutes with improved mechanical strength	Aifa fathima S	BS-026	7500/-
077	Dr.T.Natarajan Associate Professor Dept. of Biotechnology Padmavani Arts & Science College for Women, Salem-636011	Circulating Plasma micro RNA as potential new biomarker for Breast cancer	R.Kowsalya P.Pavithra Devi J.Sonia E.Thamarai	BS-027	7500/-
078	Dr.P.Renuka Devi Asst Prof and head Dept. of Biotechnology Anna University Regional Campus Coimbatore-641 046	Cyclodextrin Nanocomplexed Green tea polyphenols and their assessment on the lipid profiles in Rheumatoid Arthritis	Mrs.Saranya.M	BS-028	7500/-
079	Dr. P. Bharathi Dept. of Zoology Kongunadu Arts and Science College, Coimbatore-641029	Nanozyme: A choice of alternative hydrogen sulfide and sulfur oxidising bacteria as biofertilizer in pulse producing plants	N. Gokila Anusree. VM	BS-029	7500/-
080	Dr. I.Pradeep Assistant Professor Dept. of Biochemical Sciences Bishop Heber College Trichy 620 017	Strategic design of fluorescein derivatives ruthenium (II) complexes and their theranostic applications	S Pravinkumar P Vignesh	BS-030	7500/-
081	Dr. Mrs. Maheswari. G Assistant Professor Dept. of zoology Avinashilingam Institute for Home science and Higher Education for Women,Coimbatore-641043	Cleavage of polymer into monomers by the biodegradable bacteria	Priya. S	BS-031	7500/-
082	Dr.H.Abdul Jaffar Ali Assistant Professor Dept. of Biotechnology Islamiah College(Autonomous) Vaniyambadi-635 752	A study on pharmacological properties of non-indigenous ascidians from mandpan coast Gulf of Mannar), India	M.Naveen Kumar	BS-032	7500/-
083	Dr.M.Karthikeyan Assistant Professor Dept. of Microbiology Thiagarajar college Madurai-625009	Fabrication and characterization of magnetotactic bacteria immobilized PVA nanofibers for hexavalent chromium remediation	R.Amirtavarshini T.C.Nagadevi	BS-033	7500/-
084	Dr.T.Nargis Begum Assistant Professor Dept. of Biotechnology Jamal mohamed college Trichy-620020	Quantitative and qualitative bacteriological analysis of vaginal flora to determine the reproductive status of female mouse	R.Ashraf nisha	BS-034	7500/-
085	Dr.Nalinkanth V Gone Professor Dept. of Biotechnology Sri Venkateswara College of Engineering Kancheepuram-602117	Assessment of IL-6 in a scaffold free 3D coculture of MCF7 and MSC in core- shell pattern	R.Ranjith kumaran	BS-035	7500/-

086	Dr.M.Aniskumar Associate Professor Dept. of Biotechnology Pavendar Bharathidasan College of Engineering and Technology Trichy - 620 024	Bioprocess consideration of bench top reactor for the production of cell biomass and secondary metabolites by using plant cell suspension cultures of andrographis paniculata	Vignesh.T	BS-036	7500/-
087	Dr.Prabhu G.R. Associate Professor Dept. of Biotechnology Karpagam Academy of Higher Education Coimbatore-641021	Bioactive phyto-chemical inhibitors for the major enzymatic components (Serine- and Metallo-Protease) of snake venom - A step towards Phyto-Chemical Antidote	Sasikumar S Chandralekha S	BS-037	7500/-
088	Dr.S.Santhi Professor Dept of ECE KalaingarKarunanidhi Institute of Technology, Coimbatore-641402	Continuous glucose monitoring system in rural ICU	V.Sridevi J.Sandhiya R.Mouli	BS-038	7500/-
089	Mr.V.Boobalan Assistant Professor Dept. of Biomedical Engineering Mahendra College of Engineering Salem -626 106	Sputtering of HAP Nanoparticle in Dental Implant to improve osseointegration	S.Murugan M.Vijay J.Pugazhenth S.Indra Kumar	BS-039	7500/-
090	M.Brindha Assistant Professor Dept. of Biomedical Engineering Velalar College of Engineering and Technology,Thindal Erode - 638 012	Alzheimer's patient movement tracking and monitoring using MIWI technology	Paulson Mathew G.Sridevi R.Vanitha K.G.Vichetra	BS-040	7500/-
091	Dr. Supriya S Assistant Professor Dept of Mechanical Engg., Government College of Engineering, Tirunelveli-627 007	Bio-mechanical and fracture analysis of FGM based human femoral bone through computational study	Sureshkumar T	BS-041	7500/-
092	Mr.M.Mohamed Yaseen Assistant Professor Dept. of ECE KCG College of Technology Chennai 600 097	Mission Quintridos	A Ajay Narayanan V.Muthu Pattu V.Arun Kumar	BS-042	7500/-
093	Dr.S.Karthikumar Assistant Professor Dept. of Biotechnology Kamaraj College of Engineering and Technology Virudhunagar-625701	Development of low cost IoT based high-throughput dip test for organophosphate pesticide detection in fruits and vegetables	D.Lenisha J.Juliana G.Janaki	BS-043	7500/-
094	Mrs.R.Ponni Assistant Professor Dept. of ECE Kings College of Engg Punalkulam-613003 Thanjavur -Dt.	R3 Mestrual Kit	L.Mowli K.Jaishree	BS-044	7500/-
095	Ms.P.Revathi Assistant Professor Dept. of EIE Kongu Engineering College Erode-636060	Medical aid for multiple sclerosis patient	G.Prasanna Kumar K.Prashanthi N.Thoufeek Raja	BS-045	7500/-

096	Mr.R.Manickavasagam Assistant Professor Dept. of Biomedical Engineering Alpha College of Engineering Chennai 600124	Design of an effective robotic glove using flexi force sensor and functional electric signals for patient affected with hemiparesis	Anusuya R Purvaja R Shyamala Devi S	BS-046	7500/-
097	Mr.K.Pradeep Assistant Professor Dept. of Biomedical Engineering PSNA College of Engineering and Technology, Dindigul-624622	DNA chacteristics separation and matching for biometric authentication	N.Sankara subramanian A.Mohamed Rahyan R.Prabakar	BS-047	7500/-
098	Ms.A.Keerthana Assistant Professor Dept. of Biomedical Engineering Vels insitute of science,tecchnology and advanced studies, Chennai-600117	Intelligent walking stick for deafblind people	Shweta ashok Syed uzma farheen	BS-048	7500/-
099	Dr.N.Saraswathy Professor Dept. of Biotechnology Kumaraguru College of Technology Chinnavedampatti Coimbatore - 641 049	Development of diagnostic tool for diabetic induced retinopathy using foldscope	Aswin.S Kerensa Miriam sheen Malhant.T	BS-049	7500/-
100	R.Poonguzhali Assistant Professor Periyar Maniammai Institute of science and Technology Vallam, Thanjavur - 613 403	Prediction of cardiovascular disease using machine learning algorithm	Amudhini.V.p Santhini.T Pavitra Kailash Nivetha.D	BS-050	7500/-
101	Dr.R.Amutha Assistant Professor Dept. of Biotechnology Periyar University PG Extn Centre Dharmapuri-636701	Isolation optimization of Asparaginase production and molecular characterisation for chemotherapeutic agent	R.Devianjana S.Kavikumar	BS-051	7500/-
102	Dr.B.Ramesh Prof And Head Dept. of Biotechnology Sri Sankara Arts And Science College, Kancheepuram- 631561	Isolation and characterization of magnetite nanoprticles from magnetotactic bacteria and determination of its antibacterial activity	R.Sai ThangaAbirami	BS-052	7500/-
103	Dr.Sudha R Assistant Professor Dept. of Zoology Nehru Memorial College Puthanampatti-621007	Prevalence, Risk factors, durations and delays in care seeking diagnosis and multidrug-resistant of Tuberculosis in Tiruchirapalli Dist	Kalpana R K.Logeswari	BS-053	7500/-
104	Dr.R.Lawrence Xavier Assistant Professor Dept. of Botany Raja Doraisingam Government Arts College, Sivagangai 630561	Antagonistic effect of silver nanoparticles immobilized trichoderma sp. Against selected plant pathogens	K.Manoj	BS-054	7500/-
105	Dr.K.Kalimuthu Assistant Professor Dept. of Botany Government Arts College Coimbatore-641018	Green synthesis of silver nanoparticles by Leucas aspera extract and its role in photocatalytic degradation of textile dye effluent	M.Laxmi Kiruthika	BS-055	7500/-

106	Dr.T.Muralisankar Assistant Professor Dept. of Zoology Bharathiar University Coimbatore- 641 046	Comparative study on physiological status of the marine crab (<i>Scylla serrata</i>) from polluted and unpolluted coastal regions of Tuticorin	A.Yogeshwaran K.Gayathiri	BS-056	7500/-
107	Dr.V.Manimekalai Assistant Professor Dept. of Botany Sri Parasakthi College for Women,Courtallam-627802	Utilisation of marine algae as Natural Dyes on Silk and cotton fibres to produce and encourage ecofriendly textile products	T.Jothi Meenakshi	BS-057	7500/-
108	Dr.N.Ramesh Assistant Professor Dept. of Botany Govt. Arts College for Men Krishnagiri-635001	Phytochemical and antimicrobial studies on an ethnomedicinal plant - <i>Gloriosa superba</i> L	P.Sathiya Bama	BS-058	7500/-
109	Dr.K.S.Abbiramy Assistant Professor Dept. of Zoology AVC College Mannampandal-609305	Analysis of genetic diversity in earthworms using DNA markers	U.Sindhu	BS-059	7500/-
110	Dr.K.Sasikumar Assistant Professor Dept. of Botany Periyar EVR College Trichy-620023	DNA Barcoding for the identification and authentication of plant species in curing children diseases	R.Vijayakumar	BS-060	7500/-
111	Dr.R.Leena Assistant Professor Dept. of Zoology Scott Christian College Nagercoil-629003	Distribution and divergence of termite species in the campus of Scott Christian College, Nagercoil	W.Binusha	BS-061	7500/-
112	Dr.V.Ramasubramanian Associate Professor Dept. of Zoology Government Arts College Kumbakonam-612002	Organic vermicompost as fortified food on the growth and yield of <i>labeo rohita</i>	Mohanbabu S	BS-062	7500/-
113	Dr.G.Gnanamuthu Assistant Professor Dept. of Microbiology Kamaraj College Thoothukudi-628003	Medicinal Value of Bioactive compounds in the <i>Aristolochia bracteolata</i> leaves extract using GC-MS	A.Sathiya Priya	BS-063	7500/-
114	Dr.H.Thilagam Assistant Professor Dept. of Zoology Pachaiyappa's College Chennai 600 030	Synthesis and characterization of silver nanoparticles using pseudostem extract of banana plant	Divya Dhanapalan D	BS-064	7500/-
115	R.Premalatha Assistant Professor Dept. of Microbiology Nadar Saraswathi College of Arts & Science, Theni-625 531	Endophytes - An emerging tool to enrich the soil fertility and plant growth	S.Durgha S.Yuvarani S.S.Usha Nandhini	BS-065	7500/-
116	Dr.A.David Ravindran Professor Dept. of Biology Gandhigram Rural Institute Gandhigram-624302	Extraction and Characterisation of exopolysaccharide (EPS) from <i>spirulina platensis</i> and its efficiency as a prebiotic	Rajapriya S	BS-066	7500/-
117	Ms.E.Nandha Devi Assistant Professor Dept. of Bioinformatics Stella Maris College Chennai -600006	Investigation of Leaf extracts of <i>cardiospermum halicacabum</i> against <i>chikungunya</i> through experimental and computational approaches	MR Janani Antonet Arokiarani C.Pavithra	BS-067	7500/-

118	Dr.V.Anuradha Associate Professor Dept. of Zoology JBAS College for Women Chennai 600 018	Development of a polyherbal wound healing formulation for cattle	Thaslima Nazreen J	BS-068	7500/-
119	Dr.S.Prabakar Dept. of Biomedical Engg., Dr.N.G.P. Institute of Tech., Kalapatti Road Coimbatore – 641 048	Medibin – the medical dustbin	B.Rakshana B.Sai Swathi B.Saranya	BS-069	7500/-
120	Dr.J.Kiruthika Dept. of Industrial Biotechnology Govt. College of Technology Coimbatore – 641 013	Production of Biofuel from fruits and vegetable wastes	Sharvika.T Sathya.M	BS-070	7500/-

ENVIRONMENTAL SCIENCES

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122	Dr V Sivamurugan Assistant Professor Dept. of chemistry Pachaiyappa's College Chennai-600030	Conversion of PET polymer wastes into pharmaceutical intermediates using lewis zeolite catalysts	M Gayathri A Thilothama P Yamini Priya	ES-002	7500/-
123	Dr K Saravann Associate Professor Fashion Technology Bannari Amman Inst. of Technology Sathyamangalam - 638401	Manufacturing of garment made from water hyacinth fibre	Rakshana S Kiruthika S Hari Krishna K R	ES-003	7500/-
124	Dr R Kalaivani Assistant Professor Dept. of Botany Bon Secours College for Women, Thanjavur-613006	A Bilateral approach for Co2 sequestration and sustainable conservation of historical monuments and its ecosystem through self healing bio cement	A Sandhiya	ES-004	7500/-
125	Dr S Balaji Assistant Professor Dept. of Biotechnology ANJA College Sivakasi-626124	Design and development of all natural point-of use low cost water disinfection clay coin	T Priyadharsini	ES-005	7500/-
126	Dr S Evany Nithya Assistant Professor University College of Engg., Tiruchirappalli-620224	Assessing area vulnerable to flood in Cudalore district by frequency ratio (FR) and shannon's entropy (Se) model	S Priyana	ES-006	7500/-
127	Ms.S Akila Assistant Professor Dept of Chemical Engg., Kongu Engg. College Perundurai-638060	Heat transfer studies in novel heat exchanger using nano fluids	T Aravind V Aravind K Logesh	ES-007	7500/-
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129	S Selvam Assistant Professor Environmental Studies V O Chidambaram College Thoothukudi-628008	Microplastic pollution in the beach sediments of the Tuticorin coast, southern tamil Nadu	PV Derin Shanth Muthukumar P Sangavi J Vidhya J	ES-009	7500/-

130	Dr A Arun Associate Professor Dept. of Microbiology Alagappa University Karaikudi-630003	Biohydrogen and bioplastic (PHB) production from dairy industry wastewater by phototrophic bacteria	E Praveen	ES-010	7500/-
131	Dr B Lavanya Assistant Professor Dept. of Biotechnology MMES Women's Arts and Science College Melvisharam-632509 Vellore Dt.	Development of tailored indigenous microbial consortia for efficient and ecofriendly degradation of naturally weathered plastic garbage	M Shadana	ES-011	7500/-
132	Mr.M Seenirajan Associate Professor Excel Engineering College Komarapalayam-632303	Innovation of ferro reinforced plastic	Sujeetkumarjha Prabhashranjan	ES-012	7500/-
133	Dr A Gnana Saravanan Professor Dept. of EEE Francis Xavier Engg. College Tirunelveli-627003	Power generation from industrial noise	S Muhammed Abrarul Haq V Mariappan	ES-013	7500/-
134	Dr K Kavitha Assistant Professor Dept. of Microbiology Madras Christian College Chennai-600059	Investigating the potential of seaweed associated bacteria for biodegradation of organophosphate pesticide	Bidisha Mandal	ES-014	7500/-
135	Mr R Sivashankar Assistant Professor Dept. of Mech Engg., Narasu's Sarathy Institute Technology, Salem - 636305	Experimental and operating characteristics of pine oil diethyl ether- diesel blends in DI diesel Engine	Arun Kumar R Ashfaq Ahamed S Manjunath M Elavarasan K	ES-015	7500/-
136	Dr K Veena Gayathri Assistant Professor Dept. of Biotchnology Stella Maris College Chennai-600086	A comparative study on degradation of PAH by earthworm and its associated microbes	Mariyan Fathima J Pavithra S Vinitha R Reshma Bhandari	ES-016	7500/-
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138	Dr D S Bhuvaneshwari Assistant Professor Dept. of Chemistry Thiagarajar College Madurai-625009	Scrutinizing the corrosion inhibition behavior of Rhizobium Leguminosarum- legume root nodule associated bacteria on mild steel in 0.5 M H ₂ SO ₄	S Janani G Sathya	ES-018	7500/-
139	Mr R Dineshkumar Assistant Professor Dept. of Civil Engg M Kumarasamy College of Engg., Thalavapalayam Karur-639113	Eco friendly toilets with HFRSC concrete panels	N Bose A R Mohamed Azaam A Mohammed Haroon Zubair J Mohammed Uvaish	ES-019	7500/-
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141	Dr J Princy Merlin Associate Prof. & Head Dept. of Chemistry Bishop Heber College Tiruchirappalli-620017	Recovery of Alumina from hotel waste packaging materials for high performance supercapacitor electrode materials	L Bankitdor T Manoranjitham	ES-021	7500/-
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156	Dr Anant Achary Professor Dept. of Biotechnology Kamaraj College of E&T Virudhunagar-625701	Mechanism of microbial degradation of Azo dyes and toxicological studies of degraded end products in plant and microbial system	J Vinith	ES-036	7500/-
157	Dr K Geetha Assistant Professor Periyar Maniammai Inst. of Science and Technology Vallam, Thanjavur-613403	Activated nano carbon reinforced in textile for indoor air purification	P A Karunyasri	ES-037	7500/-
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168	Dr S Manivannan Assistant Professor Dept. of Zoology Kongunadu Arts and Science College,Coimbatore - 641029	Assessment of human - wildlife conflict and influence of the socio-economic factors to meet the conflict in the forest buffer zones of Coimbatore, Tamilnadu	Dej Vignesh K Abhilash P Nair	ES-048	7500/-
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171	Mrs. N Alagusundari Asst. Professor Dept. of Printing Technology Avinashilingam Inst. For Home Science and Higher Education for Women Coimbatore - 641108	Execution of 5s in a small scale screen printing unit	J Dhivya Sri S Shanmathi Kurakul Rachana	ES-051	7500/-
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174	Dr P Arul Associate Professor Dept. of Geography Govt College Salem - 636007	Land use and land cover studies of periya kalrayan hill, Salem and Vellupuram District, Tamilnadu using remote sensing and GIS	P Gayathri	ES-054	7500/-
175	Dr S Prakash Professor Dept. of Microbiology SAN International College of Arts & Science Coimbatore - 105	Biocontrol of lymphatic filariasis spreading mosquitoes culix quinquefasciatus using euphorbia milli latex	S Anjana D Gopika	ES-055	7500/-

176	Dr A Raviraj Profesor Water Technology Centre Tamilnadu Agricultural Centre Coimbatore - 641003	Identification of flood prone areas in chennai using remote sensing & GIS techniques	D Maniavannan B Meenakshi S Madhina Munavara S Devi Priyadarshine	ES-056	7500/-
177	Dr.S.Abirami Assistant Professor Dept. of Microbiology Kamaraj College Thoothukudi-628003	Screening and production of protease enzyme from halophilic microorganisms and its industrial applications	M Muthulakshmi	ES-057	7500/-
178	Mrs.T.Yuvarani Assistant Professor Dept. of Biotechnology D.G Vaishnav College Arumbakkam,Chennai –106	Study on Biodegradation of Crude oil using bacterial strains from oil contaminated sights of sea water	Sowpati Rechal Shobitha M.Arunkumar	ES-058	7500/-
179	Mr.K.Siva Assistant Professor Dept. of Biotechnology Sri Kaliswari College Sivakasi-626001	Isolation and characterization of bio active compounds from coral reef associated actinobacterial strains against nosocomical pathogens	S Dharni	ES-059	7500/-
180	Ms.J Mugil Assistant Professor Dept. of Microbiology VHNSN College Virudhunagar-626001	Screening and characterization of hydrocarbon degrading bacteria isolated from contaminated marine sources of Tuticorin, Tamilnadu	V Karthik	ES-060	7500/-
181	Dr.P.Sathishkumar Dept. of Botany Nallamuthu Gouner Mahalingam College Pollachi-642001	Production of degradable bio plastics from invasive alien plants in Anamalais , the Western ghats	G Chokkalingam B Tamil Selvan M Gayathri	ES-061	7500/-
182	Dr A Aslam Assistant Professor of Botany Jamal Mohammed College Tiruchirappalli-620020	Plants based canister system for purification of grey water and its reuse	S Perumal M Pradeep Kumar	ES-062	7500/-
183	Dr Sarah Jaison Assistant Professor Dept. of Botany PSGR Krishnammal College for Women, Coimbatore – 641004	Microplastic and heavy metal pollution in the wetlands of coimbatore	Jayasri V C Reshma Shirupa R	ES-063	7500/-
184	S Prabhuraja Assisstant Professor Mathematics Rathinam college of Arts and Science,Coimbatore-641021	Interlinking rivers using graph theory	T Jabarani S Vasanthi	ES-064	7500/-
185	N Subashini Assisstant Professor Zoology, VV Vanniaperumal college for Women, Virudhunagar-626001	A new approach on biosynthesis of vanadium nanoparticles using azotobacter and its acitivity agaisnt phytopathogenic fungi	M Rathika R Shabirabarveen	ES-065	7500/-
186	Dr M Sheik Muhideen Badusha Assisstant Professor Dept of Chemistry Sadakathullah Appa college Tirunelveli-627011	Fabrication of Ni nanoparticles Embedded PDA-beta-CD@Fe3O4 core s-shell: An Efficient catalyst for transfer Hydrogenation of ketones	M Thasbikal Begam	ES-066	7500/-
187	Dr A Saravana Ganthi Head and Assistant Professor Dept. of Botany Rani Anna Government College for Women, Tirunelveli-627008	Utilization of agro waste for value added products	S Pattukanthimathi	ES-067	7500/-

188	Dr.S.Sivanesan Professor Alagappa college of Technology, Anna University Chennai-600025	Production of green diesel from biomass	S Janson Thamizhakaran	ES-068	7500/-
189	Dr.N Ramesh Assistant Professor and Head Dept. of Zoology Nehru Memorial college Puthanampatti-621007	Study on water management and re- use of waste water for Agricultural purposes" at Nehru memorial college campus, Puthanampatti, Trichy district.	D Aishwarya S Anitha	ES-069	7500/-
190	Dr M Malarvizhi Assistant Professor Dept. of chemistry Govt. Arts College Trichy-620022	Removal basic dyes from water using activated carbon derived from waste biomass by chemical activation method using microwave oven	Bharathi K Dhivya R	ES-070	7500/-
191	Dr R Rajkumar Assistant Professor Dept. of Environmental Sciences Bharathiar University Coimbatore - 641046	Study of biomass production stress induced enhancement of exopolysaccharides from cyanobacteria and their flocculation activity	S Shalini	ES-071	7500/-

Medical Sciences

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194	Priya R Iyer Associate Professor Dept. of Biotechnology Women's Christian College Chennai - 600006	Scalable productio of collagen isolated from Streptococcus pyogenws	Akshaya R M	MS-003	7500/-
195	P Sugapriya Menaga Assistant Professor Dept. of Biotechnology Ayya nadar Janaki ammal College,Sivakasi - 626124	Dengue drug designing and MALDI-TOF MS assessment for the selected plant compounds against dengue vectors	R Prathiba P Pandieswari P Sivaranjini	MS-004	7500/-
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199	Ashish Wadhvani Assistant Professor and Head Dept. of Pharmaceutical Biotechnology JSS College of Pharmacy Ooty - 643001	Multidrug resistance - An emerging issue in Sickle cell anaemic patients - Study on Nilgiri's population	Janani K A Smita Dey Divyabharathi M Rajaguru A	MS-008	7500/-
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203	A Lourdhu Mary Assistant Professor Dept. of zoology Lady Doak college Madurai - 625002	Evaluation of single nucleotide polymorphism and haplotype analysis of (+49A/G and CT 60 A/G) cytotoxic T-Lymphocyte Antigen-4	S Lalitha Lakshmi	MS-012	7500/-
204	B Rajalakshmi Assistant Professor PG and Research Dept. of Nutrition and Dietetics Jamal Mohamed College Tiruchirapalli – 620020	Development of supplementary mixes preparation of sports drinks (gatorade) by using Murraya koenigii leaves and natural indigenous food items for sports girls	B Madhumitha	MS-013	7500/-
205	A Anita Margret Assistant Professor Dept. of Biotechnology Thiagarajar college Madurai - 625009	Modulation fo maternal gut biome by Lactobacillus sp. to stimulate neuro-protectant and immunoregulatory effects of on depression induced zebrafish (Danio rerio) models by methyl mercury	M Sukanya	MS-014	7500/-
206	S Ramalakshmi Dept. of Pharmacy practice K K College of Pharmacy Chennai – 600128	Evaluation of prescriptions with polypharmacy among geriatric population in a tertiary care hospital	Aneena S Abraham Priya M Gowtham S Sruthimol V	MS-015	7500/-
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209	M Janakiraman Assistant Professor Dept. of Biochemistry J J college of arts and science Pudukkottai - 622422	Attenuation of diabetic nephropathy in Streptozotocin induced diabetic rats by Vitex negundo leaves extract	R Chitradevi	MS-018	7500/-

210	P Lalitha Dept. of Chemistry Avinashilingam institute for home science and higher education for women Coimbatore - 641043	Drug conjugation and drug release efficacy of ampicillin with silver nanocomposites against microbes	M Shifana Parveen	MS-019	7500/-
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212	K K Sivakumar Associate Professor Dept. of Medicinal chemistry KMCH college of pharmacy Coimbatore - 641048	Design, conventional and microwave assisted synthesis of chalcones and flavanones: Dual target COX-2 as NSAID and anti- cancer	Karthikeyan L Hari Baskar B Anguraj B Kousalya M	MS-021	7500/-
213	S Karthik Lecturer Dept. of pharmacy practice Sri Ramachandra institute of Higher education and Research, Chennai- 600116	A Comparative study on sertraline among depressed individuals with type 2 diabetes mellitus/ hypertension	Pushkarapriya S Sanmugapriya N Sushmitha K P	MS-022	7500/-
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215	S Jeyabharathi Assistant Professor Dept. of Microbiology Cauvery college for women Trichirappalli – 620019	Amylolytic potentiality of fungi isolated from agricultural waste	Maha Lakshmi K	MS-024	7500/-
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217	M Maghima Associate Professor Dept of Microbiology Muthayammal College of Arts and Science Rasipuram-637408	Fabrication of textiles with hybrid gold nanoparticles using medicinal plant extracts as therapeutics for human skin infections	P Sivasankar P Velmurugan V Sangeetha	MS-026	7500/-
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219	S Vidhya Assistant Professor Dept of Microbiology SrimadAndavan Arts and Science College, Tiruchirappalli- 620005	Nutritional profile and antimicrobial activity of fermented rice(pazhaya soru) of Tamil Nadu - A step to redeem our traditional practice	R Balasubramani	MS-028	7500/-
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221	S S Vijayanchali Associate Professor Dept. of Home Science The Gandhigram Rural Institute - Deemed to be University, Gandhigram - 624302	Therapeutic Efficacy of Garcinia cambogia Bar on Hyperlipidemic Women	I Bhuvaneswari	MS-030	7500/-
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226	R Gomathijayam Assistant Professor Dept. of Computer applications Bon Secours College for women, Thanjavur - 613006	Smart online verification for registered medicines	J Ayesha Parveen	MS-035	7500/-
227	K Geetha Assistant Professor Dept. of Nanotechnology Periyar Maniammai Institute of Science and Technology Thanjavur – 613403	Nano composite organic band-aid for chronic wound healing	S Kanimozhi	MS-036	7500/-
228	S Tamilselvi Associate Professor Dept. of Biotechnology Bannari Amman Institute of Technology Sathyamangalam - 638401	Formulation of new insight herbal based nano emulsion for the management of dandruff	T Dharani	MS-037	7500/-
229	I Sowmy Associate Professor Dept. of Biomedical Sciences and Technology Noorul Islam Centre for Higher Education, Kanyakumari - 629180	Drowsiness Detection System based on heart rate variability using IoT Technology for Health care	Athira MV Masha Anil	MS-038	7500/-
230	Dr Selvaraj Kunjiappan Assistant Professor Dept. of Biotechnology Kalasalingam Academy of Research and Education University Virudhunagar - 626126	Design and characterization of folate receptor targeted nanotherapeutics encapsulating anticancer compounds from Keppaphycus alvarezii	Suraj Baskararaj	MS-039	7500/-

231	A Muthu Kumara Pandian Assistant Professor Dept. of Biotechnology Vivekananda College of Engineering for women, Tiruchengode - 637205	Production of bioplastic from Prosopis juliflora	Raveena S Shree Yazhini V Keerthana V	MS-040	7500/-
232	R Baskar Associate Professor Dept. of Biotechnology Kumaraguru College of Technology Coimbatore - 641049	Evaluation of pharmacological activities of Eleocarpustectorius: A promising untapped fruit endemic to western ghats	Aruna M	MS-041	7500/-
233	J Vinoth Arulraj Assistant Professor Dept. of Biotechnology Arunai Engineering College Thiruvannamalai - 606603	Production of bio-degradable plastic from vegetable waste with increased tensile strength	K Suriyalakshmi	MS-042	7500/-
234	S Manibalan Assistant Professor Dept. of Biotechnology Kamaraj College of Engineering and Technology, Virudhunagar - 625701	Herbal based medicated suture formulation and characterization for anterior cruciate ligament (ACL) surgery	Varshini M Soniya K	MS-043	7500/-
235	G Babu Assistant Professor(Gr I) Dept. of ECE R.M.K Engineering College Kavaraipettai – 601206	DNA microarray spot finder for memory loss detection	Hem Kumar Rao R Charan Kumar S K Aakash P	MS-044	7500/-
236	V Karthikeyan Professor and HOD Dept. of Biotechnology Karpaga Vinayaga College of Engineering and Technology Chinna Kolambakkam - 603308	Studies of the health status and immunological survey of tribal population in Kanchipuram district	S Divya	MS-045	7500/-
237	P Dhasarathan Head of the Dept. Dept. of Biotechynology Prathyusha Engineering College Chennai - 602025	Development of an innovative nutraceutical fermented beverage from Ashwaghanda extract	Bhavadharani R Dharshini G	MS-046	7500/-
238	P Azhagu Saravana Babu Assistant Professor Dept. of Biotechnology Sree Sastha Institute of Engineering aqnd Technology Chennai - 600123	Biopolymer infused artificial taste recognition system for impaired children	L Bennett Henzeler Esakialraj	MS-047	7500/-
239	J Ranjith Mariyal Assistant Professor Dept. of Bio medical Salem College of Engineering and Technology, Salem-636111	Third eye with fall detection for visually impaired people	S Deepa M K Dwaraka L Priyadarsini M Sharmila	MS-048	7500/-
240	Mr.V.Boopaalan Assistant Professor Dept. of Biomedical Engineering Mahendra College of Engineering, Minnampalli Salem-636106	Sputtering of HAP nanoparticle in dental implant to improve osseointegration	S.Murugan M. Vijay J.Pugazhenth S.Indrakumar	MS-049	7500/-

241	Dr J Veronica Shalini Associate Professor Dept. of Biotechnology Jeppiaar Engg. College Chennai-600119	Extraction and isolation of collagen and calendula officinalis for the preparation of Transdermal Sheets	K Kanimozhi	MS-050	7500/-
242	Sangeetha B Assistant Professor Dept. of Biotechnology St. Joseph's College of Engg., Chennai - 600119	Testing of anti-psoriatic activity using a combination of aloe vera and marine algae as TNF ALPHA inhibitor	S Aisha Sithika A Renuka	MS-051	7500/-

Physical Sciences

243	S Umamaheswari Associate Professor Dept. of Chemistry AyyaNadarJanakiAmmal College,Sivakasi-626124	A green approach towards the synthesis of bioactive quinoline hybrids: ionic-liquid mediated one-pot synthesis of novel heterocycles via 1,3 dipolar cycloaddition	R Latha M Priyadarshini	PS-001	7500/-
244	Dr R Ravishankar Assistant Professor Dept. of Physics Govt. Arts College Tiruvannamalai-606603	Growth and characterisation of glycine sodium nitrate for non linear optical applications	M Sandhiya M Mytheli	PS-002	7500/-
245	Dr. M. Selvam Assistant Professor Dept. of Nanoscience and Technology KSR College of Technology Tiruchengode – 637215	Efficient synthesis of Al-Li-Sr doped ZnO nanorods and their application in gas (CO ₂) sensing	Brindha R Nandhini M	PS-003	7500/-
246	Dr S Srinivasan Assistant Professor Dept. of Physics Presidency College Chennai-600005	Improving the performance of concentrated solar power plants using UV light irradiated titanium oxide based nanofluids	N Parveenbee	PS-004	7500/-
247	Dr. K. Subramanian Assistant Professor Dept. of Chemistry College of Engineering, Guindy, Anna University Chennai – 600025	Development of photoluminescence based sensing system for rapid detection of pathogens	Priya M	PS-005	7500/-
248	S Selvalakshmi Assistant Professor Dept. of Physics The Standard Fireworks Rajaratnam College for Women,Sivakasi-626123	Investigation of Mg ⁺ ion conducting biodegradable blend polymer electrolytes based on pectin and PVA	S Rohini R Pavithra	PS-006	7500/-
249	Dr. Mary N.L. Assistant Professor Dept. of Chemistry Stella Maris College Chennai - 600086	Removal of organic dyes by photodegradation using plant-mediated synthesized ZnO nanoparticles	Joselin Farida J	PS-007	7500/-
250	Dr D Sasikumar Assistant Professor Dept. of Physics Arignar Anna Govt. Arts College Namakkal-637002	Preparation of bio degradable plastics from banana peels	P Gomathi P Sivakumar	PS-008	7500/-
251	Dr. R. Vennila Assistant Professor Dept. of Chemistry Adhiyaman Arts and Science College for Women Uthangarai – 635207	Novel synthesis of p-doped MoS nanoparticles and its solar cell application by using solid electrolyte	Priya P M Nithya V Abinaya V Aswini A	PS-009	7500/-

252	Dr P Prabakaran Assistant Professor Dept. of Physics Sree Sevugan Annamalai College Sivagangai-630303	Synthesis of stain repellent nano paint for industrial application	G Ajith	PS-010	7500/-
253	A Kathirvel Assistant Professor and Head Dept. of Chemistry K S Rangasamy College of Arts and Science (Autonomous) Tiruchengode-637215	Synthesis and characterisation of cadmium sulphide doping with tungsten trioxide for solar cell application	I Monika S Vijayakumar	PS-011	7500/-
254	Dr S Ramachandran Assistant Professor Dept. of Physics Arignar Anna College Krishnagiri-635001	Synthesis and characterization of $ZnAl_2O_4$ nanoparticles by microwave combustion method	M Veerapathiran	PS-012	7500/-
255	S Kavitha Assistant Professor Dept. of Fashion Technology Kumaraguru College of Technology Coimbatore-641049	Bio Degradable Packaging Material From Areca Fibre	E Vidharshana	PS-013	7500/-
256	M Premalatha Assistant Professor Dept. of Physics Ayya Nadar Janaki Ammal College,Sivakasi-626124	Construction of compact microbial fuel cell using bread carbon foam bio-electrode	M Lavanya	PS-014	7500/-
257	S S Meenambiga Associate Professor Dept.of Bio-Engineering Vels Institute of Science, Technologyand Advanced Studies Chennai-600117	A Study Of The Anti-Bacterial Activity Of Epiphyllum Oxypentalum Flowe And Its Applications	P Jayashree M Shalini	PS-015	7500/-
258	Dr S Asath Bahadur Senior Professor Dept. of Physics Kalasalingam Academy of Research and education Krishnankoil Virudhunager-626126	Development of nanostructured ternary thin film solar cells with low-cost earth abundant materials	S Abirami M Gayathri	PS-016	7500/-
259	Sowmya Ramkumar Associate Professor Dept. of Chemistry PSGR Krishnammal College for Women, Coimbatore-641004	Biogenetic Metal Nano Particles As Potential Uv Absorbers For Fabrics	N Kannika Soundhari S Monisha	PS-017	7500/-
260	Dr P Jagdish Assistant Professor Dept. of Physics Rajah Serfoji Government College Thanjavur-613005	Fabrication and performance analysis of low cost temperature bath for crystal growth	P Prabhavathi S Vijayalakshmi B Arthi	PS-018	7500/-
261	Dr Sayeeda Sultana Professor and HOD Dept. of Chemistry St.Peter's Institute of Higher Education and Research Chennai-600054	Electrodeposited MnO_2 on activated carbon electrodes for supercapacitor applications	B Poornima	PS-019	7500/-

262	Dr A T Ravichandran Associate Professor Dept. of Physics National College, Trichy-620001	Deposition of Cu ₂ O thin films and its potential application in solar cells	Rajadurai G	PS-020	7500/-
263	A M Prince Associate Professor Dept. of Chemistry RKM Vivekananda College Chennai-600004	Physicochemical properties of edible oil before and after deep frying	K Gangadharan	PS-021	7500/-
264	Dr. K Raja Asst. Professor of Physics Dr R K Shanmugam College of Arts and Science Kallakurichi-606213	Green synthesis and antimicrobial activity of silver nanoparticles from <i>Cissus quadrangularis</i> , <i>Catharanthus roseus</i> , Polyvinylpyrrolidone and Chitosan	N.Rajini P. Sathiyamoorthi K Prakash A Managa	PS-022	7500/-
265	J Sivamani Associate Professor Dept. of Chemistry Theivanai Ammal College for Women, Villupuram-605602	Self-Assembly, chemosensor and bioimaging studies on azo molecules	S Ponmalar M Ramadevi M Venisri	PS-023	7500/-
266	Mrs.G Kavitha Asst. Prof., Dept. of Physics A M Jain college Chennai-600114	Enhanced antioxidant antimicrobial photocatalytic activity from copper oxide(CuO)nanoparticles using <i>ruellia tuberosa</i> an eco-friendly approach	S Surendar	PS-024	7500/-
267	Dorathy Pushparani Assistant Professor Dept. of Food Chemistry Loyola College Chennai-600034	Formulation of Malted Milk Hot Drink using <i>Terminalia Chebula</i> Retz. (<i>Myrobalan</i>) for Mid-Day Meal Scheme (MDMS) and <i>anganwadis</i> to prevent Typhoid Fever in school going children	Karshma Kundu	PS-025	7500/-
268	Dr Sujin P Jose Assistant Professor Dept. of Physics Madurai Kamaraj University Madurai-625021	Mxene Nanocomposite(Nb ₂ C/Ppy) as an electrode material for supercapacitor application	S Brindha Devi	PS-026	7500/-
269	L Muruganandam Associate Professor Dept. of Chemistry Saranathan College of Engg., Tiruchirappalli-620012	A new Zn(II) complex containing Mannich base ligand: Synthesis, Characterization and applications in engineering, energy and environment	S Sharan K B Vijayendra	PS-027	7500/-
270	V Radhika HOD, Dept. of Physics P K R Arts College for Woman, Erode-638476	Green synthesis and characterization of silver nanoparticles using <i>Ficus Religiosa</i> (peepal leaf) and <i>rosa grandiflora</i> (red rose leaf)	Gaaviyaa S R Dharini R Nishitha K	PS-028	7500/-
271	A C Abirami Assistant Professor Dept. of Chemistry R V Government Arts College Chengalpattu-603001	Biogenic Synthesis of gold nanoparticles using <i>ipomoea quamoclit</i> L Leaf extract and study its antimicrobial activity	G Jayabharath G Kasthuri	PS-029	7500/-
272	Dr T Balakrishnan Associate Professor & Head Dept. of Physics Periyar EVR College Trichy-620023	Improvement of the quality of potassium manganese nickel sulphate single crystals for UV filter application	M Rajalingam V Bharath	PS-030	7500/-
273	J Noorul Ameen Assistant Professor Dept. of Chemistry Vivekanandha College of Arts and Science for Women Elayampalayam-637205	Ni(II) and Co(II) complexes bearing 2-mercapto quinoline thiosemicarbazones: Synthesis, Spectral characterization and their biological studies	S Kavipriya V Aruna Devi	PS-031	7500/-

274	Dr H Johnson Jeyakumar Associate Professor Dept. of Physics Pope's College Thoothukudi-628251	Study of molecular interactions in nano-fluids	M Mahesh C karupasamy Pandian S Kartheesan	PS-032	7500/-
275	N Vilvamani Assistant Professor Dept. of Chemistry Sacred Heart College Vellore-635601	Metal polypyridyl complexes for functionalized nanostructures	S Nazia R K Solaiyar	PS-033	7500/-
276	DR Joselin Beaula T Assistant Professor Dept. of Physics Muslim Arts College Thiruvithancode-629174	Structural, spectral and electronic transitions analysis of antimicrobial compound assisted by quantum chemical computations	Santhya V Shajini R K Shalini S	PS-034	7500/-
277	S Jose Kavitha Assistant Professor Dept. of Chemistry Mother Teresa Women's University Kodaikanal-624101	Metal complexes of schiff based derived from heterocyclic aldehydes and amino acids: Synthesis, Characterization and biological studies	K Nalayini C Aishwariya	PS-035	7500/-
278	P Sundara Venkatesh Assistant Professor Dept. of Physics Sri S. Ramasamy Naidu Memorial College, Sattur-626203	Fabrication of BiVO ₄ /ZnO heterostructures as photoanodes for solar light driven water splitting applications	M Ganesh Babu	PS-036	7500/-
279	Y Christabel Shaji Assistant Professor Dept. of Chemistry Holy Cross College Nagercoil-629004	Transition metal complexes of a schiff base: synthesis, Characterization, antioxidant, Antihelmintic antifungal and antibacterial studies	T Threse Sirisha N Nisha	PS-037	7500/-
280	Dr S. V Vijayasundaram Assistant Professor Dept. of Physics E.G.S Pillay Arts and Science College Nagapattinam-611002	Physics experiments with ExpEyes-17 (An innovative hardware interface to PC by IUAC, Delhi)	R. Abimaheshwari T.V. Aarthi S Dhivya K Akalya	PS-038	7500/-
281	Dr D Thirupathi Asst. Prof. Dept. of chemistry Vivekananda College Tiruvadakam -625234	Synthesis of florescent carbon quantum dots from food the photo catalytic degradation toxic of hazardous dyes in water	S Gokul Eswaran	PS-039	7500/-
282	K Nagarajan Head & Associate Professor Dept. of Physics Nehru Memorial College Trichy-621007	Molecular docking studies and density functional theoretical(DFT) analysis on molecules for drug design	M Gomathi	PS-040	7500/-

SOCIAL SCIENCES

283	Dr.A. Raja Associate Professor and HoD Dept. of Geography Government Arts College Salem-636007	Land use and land cover studies of Chinna Kalrayan hill, Salem and Vellupuram district, Tamilnadu, using remote sensing and GIS	Periyanayaki A	SS-001	7500/-
284	Dr. V. Kavitha Assistant Professor Dept. of Nutrition and Dietetics Jamal Mohamed College Tiruchirappalli-620020	Development of novel therapeutic antioxidant rich recipes for Cancer patients (45-50 years) under chemotherapy	Sowmiya G	SS-002	7500/-

285	Dr. V. Krithika Assistant Professor Dept. of Clinical Nutrition and Dietetics PSG College of Arts and Science,Coimbatore-641014	Assessment of nutritional status, quality of sleep and stress coping techniques among police personnel residing at Coimbatore	Varshini V	SS-003	7500/-
286	Mr.S. Manikandan Assistant Professor Dept. of MBA Gnanam School of Business Thanjavur-613402	A study on the usage level of ICT facilities in government schools	Saravana Kumar M Thinesh Arockiaraju A	SS-004	7500/-
287	Dr. P. Ponmurugan Associate Professor Dept. of Botany Bharathiar University Coimbatore-641046	Assessment of malnutrition and micronutrient deficiencies among tribal children at Marudhamalai hills of Coimbatore district in Tamilnadu	Surekha S	SS-005	7500/-
288	Dr S S Vijayanchali Asso. Prof. Dept. of Home Sci The Gandhigram Rural Inst. Gandhigram - 624302	Impact of developed protein rich energy bar among underweight adolescent girls	K V Anishka	SS-006	7500/-
289	Dr. V. Krishnapriya Professor and Head School of Computing Sri Ramakrishna College of Arts and Science Coimbatore - 641006	Smart orpha -donor mobile application for the prevention of food wastage in Coimbatore district	Aswin Kumar R Pranesh P	SS-007	7500/-
290	Dr. K. Subramanian Assistant Professor Dept. of Economics Saraswathi Narayanan College Madurai-625022	An investigation of the problems and challenges faced bywomen domestic workers in Chennai	Sharumathi R	SS-008	7500/-
291	M. Rajakrishnan Assistant Professor Dept. of Commerce Dr. N.G.P. Arts and Science College,Coimbatore-641048	Impact of e-governance in Coimbatore district of Tamilnadu with special reference to good governance among SC/ST people in selected rural areas	Nayana C P Subashri V	SS-009	7500/-
292	K. R. Srianuj Assistant Professor Dept. of Management Studies and International Business VLB Janakiammal College of Arts and Science Coimbatore-641042	A study on problems faced by the farmers in marketing the agriculture products in Coimbatore region	Poomalai G	SS-010	7500/-
293	Dr. J Ravi Associate Professor Dept. of Mathematics Vivekanandha College for Women,Tiruchengode Namakkal - 637205	Magnitude of problems and causes of suicides in secondary school level students (with special reference from women students)	Kamali A S Gokulapriya M	SS-011	7500/-
294	Dr. P. Balamurugan Assistant Professor Dept. of Statistics Government Arts College (A) Salem - 636007	A statistical study on awareness and impact of tobacco consumption with special reference to Salem corporation	Renuga J	SS-012	7500/-
295	S. Vijayarangan Assistant Professor Dept. of Commerce Muthayammal College of Arts and Science Rasipuram - 637408	A study on the problems and prospects of milk production and marketing with special reference to Salem district	Deivalakshmi R Aarthi U Gayathri K Manoj B	SS-013	7500/-

296	Dr. J. Mekala Devi Assistant Professor Dept. of History S.F.R. College for Women Sivakasi-626123	The economic status of women employees in Sivakasi- A study	Muthulakshmi M	SS-014	7500/-
297	Dr. S. Sethu Assistant Professor Dept. of Physical Education and Sports Manonmaniam Sundaranar University, Tirunelveli-627012	Effect of Yoga and meditation on motor skills and mental well-being among school children	Thanga Banu S Sanitha S S Muthu Prabu S Muniyandi K	SS-015	7500/-
298	K.S. Shanmugaraj Assistant Professor Dept. of EEE N.S.N. College of Engineering and Technology Karur-639003	Children protection system against kidnapping and abduction using IoT technologies	Bharatha Mahamuni K Arunkumar M Karthik raja S S	SS-016	7500/-
299	Dr. D. Muthukrishna Veni Associate Professor MBA Department Velalar College of Engineering and Technology Thindal Erode - 638012	A study on recycling of grey water and utilizing it to agriculture land in Erode district	Sridhar G	SS-017	7500/-
300	P. Vinotha Assistant Professor Dept. of Management Studies E.G.S. Pillay Engineering College Nagapattinam – 611002	A survey on digitalization systems of education in government school at Nagapattinam region	Buchiya A	SS-018	7500/-
301	Dr. J. S. Leena Jasmine Associate Professor Dept. of ECE Velammal Engineering College Chennai-600066	Enabling independent navigation for visually impaired people through wearable vision-based feedback system	Hemalatha S Dharika Devi T Valliammai N Hasmitha K	SS-019	7500/-
302	K.P. Nithya, P. Priya Assistant Professor Dept. of EEE Panimalar Institute of Technology Chennai-600123	Solar electrical vehicle	Aswith Raj K Balaji M S Dhanasekaran K P	SS-020	7500/-
303	Dr. P. Vanitha Associate Professor Dept. of Management M. Kumarasamy College of Engineering Karur-639113	A study on the importance of social workers with special reference to autism hospitals in Karur district	Aarthy S karthick M	SS-021	7500/-
304	Dr. J. Dheeba Assistant Professor Dept. of MBA Priyadarshini Engineering College Vellore-635751	A study on retail sectors perception on GST with special reference to Vellore district	Ramya V	SS-022	7500/-
305	V. T. Baalaji Amuthan Assistant Professor Dept. of Management Studies Valliammai Engineering College, Kancheepuram-603203	Rehabilitation of natural fertilizers to the farmers in Kanchipuram district with reference to the Amma Bio-fertilizers scheme	Bragadheesh C Divya S Aarathi Krishna M K Anandh Kumar J	SS-023	7500/-

306	N. Karthikeyan Assistant Professor Dept. of Management Sri Krishna College of Technology Coimbatore-641042	Impact of MUDRA loan on small and micro enterprises - A study on Coimbatore based small and micro units	Keerthana V Manoj Kumar R	SS-024	7500/-
307	Dr. R. Selvam Assistant Professor Dept. of EEE KCG College of Technology Chennai-600097	Vertical axis wind power generation for highway lighting and traffic signals	Saseedharan M Shanmuga Mari Kannan S Subramanyam D	SS-025	7500/-
308	Dr. A. Umadevi Associate Professor Dept. of Mathematics V.V.Vanniaperumal College for Women, Virudhunagar-	A study on inventory management followed by small and medium enterprises	Swarna Latha B Soniya M	SS-026	7500/-
309	K. Joharamma Assistant Professor Dept. of Mathematics Nandha Arts and Science College, Erode-638052	An analysis of metropolitan cities traffic problem using Fuzzy Max- min Composition Technique	Dineshkumar S Janarthanan P Ramesh Babu J Sathish Kumar T	SS-027	7500/-

Veterinary Sciences

310	Dr. P. Kumarasamy Professor and HoD Dept. of Animal Genetics and Breeding Madra Veterinary College Chennai-600007	Molecular cytogenetic characterization in cattle using FISH technique	Vemula Harshini	VS-001	7500/-
311	Dr. S. Rangasamy Assistant Professor Dept. of Veterinary Gynaecology and obstetrics Madras Veterinary College Chennai-600007	Development of low cost nano particle coated biodegradable progesterone sponges for oestrus synchronization in buffaloes	Logapriya K	VS-002	7500/-
312	Dr. S. M. K. Karthickeyan Professor Dept. of Animal Genetics and Breeding Madra Veterinary College Chennai-600007	Molecular characterisation of genetically unique traits in the Toda buffaloes - An endangered indigenous germplasm of Tamilnadu	Gowrimanokari K V	VS-003	7500/-
313	Dr. P. Devendran Professor and HoD Dept. of Animal Husbandry Statistics and Computer Applications Madras Veterinary College Chennai-600007	Genetic Analysis of performance traits of Ostrich (<i>Struthio camelus australis</i>) under farm conditions	Alex A	VS-004	7500/-
314	Dr. M. Anandhi Assistant Professor College of Poultry Education Mathigiri, Hosur - 635 110	Co2 Sensor for poultry incubators	S. Vinoth	VS-005	7500/-
315	Dr. Pasupathi Karu Assistant Professor Dept. of Animal Nutrition Madras Veterinary College Chennai-600007	Effect of dietary supplementation of nano selenium on growth performance in goats	Deva Prasanna A	VS-006	7500/-
316	Dr. P. Ponmurugan Associate Professor Dept. of Botany Bharathiar University Coimbatore-641046	Detection of formalin and quality characteristics of selected fishes from domestic markets in Tamilnadu	Charumathi M	VS-007	7500/-

317	Dr. S. P. Malarkannan Assistant Professor Dept. of Rural Development Science, Arul Anandar College Madurai-625514	Development and analysis of dietetic ice cream with natural sweetner palm sugar	Selvaraj M	VS-008	7500/-
318	Dr. M. Paulraj Principal Dept. of CSE Sri Ramakrishna Institute of Technology, Coimbatore-641010	Intelligent milk transport container monitoring and traceability systems using IoT	Kadeshwaran Naveen Kumar A	VS-009	7500/-
319	Dr. M. Maghima Associate Professor Dept. of Microbiology Muthayammal College of Arts and Science, Namakkal-637408	Prevalence of enteropathogens and their susceptibility to plant extracts in ruminants using foldscope (a paper microscope) in Kolli hills, Namakkal district, Tamilnadu	Velmurugan P Murugan A Sivasankar P Sangeetha V	VS-010	7500/-
320	Dr. G. Suganya Assistant Professor Dept. of Veterinary Physiology Madras Veterinary College Chennai-600007	Reliable serum biomarker for the identification of liver diseases in dogs	Sangamitra R K R	VS-011	7500/-
321	Dr. V. Jeichitra Associate Professor Dept. of Animal Genetics and Breeding Madra Veterinary College Chennai-600007	Detection of single nucleotide polymorphisms (SNPs) in the myostatin(MSTN) and growth hormone(GH 1) genes and their associations with performance traits in New Zealand white rabbits	Nivetha S	VS-012	7500/-
322	Dr.P.Thirunavukkarasu Assistant Professor College of Poultry Education Mathigiri Hosur - 635 110	Design and fabrication of electrical stunner to slaughter chicken in mniature scale and cost to enhance the carcass quality	M.Nithiya A.Thamilarasi S.Vignesh	VS-013	7500/-

APPROVAL LETTER WILL BE SENT SHORTLY TO INDIVIDUAL GUIDES AND HEAD OF THE INSTITUTION.

MEMBER SECRETARY