



**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)



## Programme Schedule

International Conference on

## Recent Advances in Biotechnology and Environmental Science

**16<sup>th</sup> to 18<sup>th</sup> December 2022**

16 <sup>th</sup> December 2022 – Friday		
08.30-09.30	Registration (Main Building Portico)	
09.30-11.00	Inauguration (Dr.M. Channa Reddy Auditorium)	
11.00-11.30	Tea Break	
	<b>Session 1</b> - Dr.M. Channa Reddy Auditorium <b>Session Chair:</b> Prof. G. Raja Rami Reddy, Former Vice Chancellor, Vikram Simhapuri University, Nellore, India <b>Rapporteur:</b> Prof. V Pragasam, School of Bio Sciences and Technology, VIT	
11.30-12.15	<b>Prof. K. S. Jagannatha Rao,</b> KL Deemed to be University, Guntur, AP	<i>A novel pathway in understanding ALS through TDP43 -DNA interactions</i>
12.15-13.00	<b>Prof. Natarajan Muthusamy</b> Dept. of Internal Medicine, The Ohio State University, USA	<i>Leukemia Initiating Cells in Chronic Lymphocytic Leukemia- Do they really exist and can we target them?</i>
13.00-14.00	Lunch – CS Hall (near Anna Auditorium)	
14.00-17.30	<b>Oral Presentation - Young Scientist Award above 30 years – SMV209</b>	
	<b>Session 2</b> – Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Dr. C Ramalingam, SBST, VIT <b>Rapporteur:</b> Dr. C. George Priya Doss, SBST, VIT	
14.00-14.30	<b>Prof. Datta Madamwar</b> Charotar University of Science & Technology, Anand, Gujarat, India	<i>Characterization and Therapeutic Applications of Phycobiliproteins from Cyanobacteria</i>
14.30-15.00	<b>Prof. Y. Rajendra Prasad</b> College of Pharmaceutical Sciences Andhra University Visakhapatnam, Andhra Pradesh	<i>A natural approach to pharmaceuticals</i>
15.00-15.30	<b>Prof. Madhavan Nair</b> Florida International University, USA	<i>Getting into the Brain: Potential of Nanotechnology to Manage Neuro-AIDS and Drug Addictions</i>
15.30-15.55	<b>Dr. Kapuganti Jagadis Gupta</b> National Institute for Plant Genome Research, New Delhi	<i>The potential role of Phytoglobulin-NO cycle in anaerobic germination and submergence tolerance of deepwater rice</i>

15.55-16.15	<b>Tea Break</b>	
	<b>Session 3</b> – Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Prof. C Shanthi, Director Library, VIT <b>Rapporteur:</b> Dr. Sangeetha Subramanian, SBST, VIT	
16.15-16.40	<b>Prof. T.Pullaiiah</b> Department of Botany, Sri Krishnadevaraya University, Anantapur	<i>Biotechnological Interventions of Medicinal plants</i>
16.40-17.05	<b>Prof. M. Sudhakara Reddy</b> Thapar Institute of Engineering & Technology, Punjab, India	<i>Photoautotrophic bacteria: a bioresource material for biocemenetation</i>
17.05-17.30	<b>Prof. G. Rajitha</b> Institute of Pharmaceutical Technology, Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh, India	<i>Computational Methods in Drug Discovery: An Overview</i>
17.30-17.55	<b>Prof. Sarat Chandra Yenisetti,</b> Nagaland University (Central), Lumami, Nagaland, India.	<i>Nutraceutical Curcumin's Dopaminergic Neuroprotective Efficacy is Mediated through Differential Regulation of Brain Dopamine Metabolism: Insights from Drosophila Model of Parkinson's Disease</i>
19.00-20.00	Cultural programme – CS Hall	
20.00-21.00	Dinner – CS Hall	
17 <sup>th</sup> December 2022- Saturday		
9.30-13.00	<b>Poster session I – Anna Auditorium</b>	
	<b>Session 4</b> – Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Prof. V Krishnan, Director, CBST, VIT <b>Rapporteur:</b> Dr. A Mohana Priya, SBST, VIT	
9.30-10.00	<b>Dr. Masaharu Mizukami</b> Fukuyama University, Hiroshima, Japan	<i>Bacterial Diseases of Ornamental Fish in Japan</i>
10.00-10.30	<b>Prof. Indranil Biswas</b> University of Kansas Medical Center, USA	<i>Developing novel antimicrobials against Acinetobacter baumannii, an atypical pathogen</i>
10.30-11.00	<b>Prof. Manoj K Mishra</b> Department of Biological Sciences, Alabama State University, USA	<i>Modulation of immune cells in cancer progression and clearance</i>
11.00-11.30	Tea	
	<b>Session 5</b> – Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Prof. Anilkumar G, SBST, VIT <b>Rapporteur:</b> Dr. S. Mythili, SBST, VIT	
11.30-12.00	<b>Dr. Siva Kumar Panguluri</b> Department of Pharmaceutical Sciences, Taneja College of Pharmacy, University of South Florida, Tampa, Florida, USA.	<i>Supplemental oxygen: A Friend or Foe?</i>

12.00-12.30	<b>Dr. Parthiban K Velayutham</b> HBNI faculty in the Department of Surgical Oncology, Tata Memorial Centre, ACTREC, Mumbai	<i>Traumatic brain injury and the molecular profiles</i>
12.30-13.00	<b>Prof. T. V. Ramana Rao</b> VIGNAN's Foundation for Science, Technology & Research, Guntur, AP	<i>Emerging Eco-friendly and Affordable Technologies for Improvement of Postharvest of Shelf Life and Quality of Fruits and Vegetables</i>
13.00-14.00	Lunch – CS Hall	
14.00-17.30	<b>Poster session II – Anna Auditorium</b>	
	<b>Session 6–</b> Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Dr. Pragasam, V, SBST, VIT <b>Rapporteur:</b> Dr. E Nalini, SBST, VIT	
14.00-14.30	<b>Prof. Vitor Vasconcelos</b> Interdisciplinary Center of Marine and Environmental Research (CIIMAR/CIMAR), Portugal.	<i>Cyanobacteria secondary metabolites: biotechnological applications and toxicological impact.</i>
14.30-14.55	<b>Prof. Satyawada Rama Rao</b> North-Eastern Hill University, Shillong, Meghalaya	<i>Cytogenomic studies in Vigna mungo L. (Hepper)- an important leguminous crop of India</i>
14.55-15.20	<b>Prof. Rachana</b> Department of Biotechnology, Jaypee Institute of Information Technology, Noida, New Delhi	<i>Molecular mechanism behind Adult Respiratory Distress Syndrome and Development of nano therapeutics from natural resources against ARDS</i>
15.20-15.45	<b>Dr. Vinod V.T Padil</b> Technical University of Liberec, Institute for Nanomaterials, Advanced Technologies, and Innovation (CxI), Liberec, Czech Republic.	<i>Intelligent Design of Sustainable Nano-Bio Materials Using Green Engineering</i>
15.45-16.15	Tea	
	<b>Session 7–</b> Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Prof. Amitava Mukherjee, Director, CNBT, VIT <b>Rapporteur:</b> Dr. V Shanthi, SBST, VIT	
16.15-16.40	<b>Prof. Siva R</b> School of BioSciences and Technology, Vellore Institute of Technology, Vellore	<i>Photoprotective Potential of Pigments</i>
16.40-17.05	<b>Dr. Suresh Babu Naidu K</b> Durban University of Technology, Durban, South Africa	<i>Recent developments and trends in metal nanoparticles for Agricultural applications</i>
17.05-17.30	<b>Dr. K. B. Rameshkumar</b> Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram, Kerala	<i>Herbal Technology- Scope for Future India</i>
20.00-21.00	Dinner – CS Hall	

18 <sup>th</sup> December 2022- Sunday		
9.30-13.00	Oral Presentation - Young Scientist Award below 30 years – SMV209	
	<b>Session 8–</b> Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Prof. KRS Sambasiva Rao, Former Vice-Chancellor, Mizoram University; General Secretary, ABAP <b>Rapporteur:</b> Dr. C Rajasekaran, SBST, VIT	
9.30-10.00	<b>Prof. Kathiresan, T</b> Kalasalingam Academy of Research and Education, Krishnankoil, TN	<i>Guanidine carbonate and curcumin loaded hollow mesoporous silica nanocarrier are pH-responsive, controlled delivery and induces cell death in breast cancer cell line</i>
10.00-10.30	<b>Prof. M. Anbalagan</b> School of Bio Sciences and Technology, Vellore Institute of Technology, Vellore	<i>GVITAA: Novel therapeutic peptide for inhibition of T cell function</i>
10.30-11.00	<b>Prof. Kumarasamy Murugesan</b> Periyar University, Salem, Tamil Nadu	<i>Removal of Emerging Contaminants from Wastewater Using Laccase and Redox Mediator System</i>
11.00-11.30	Tea	
	<b>Session 9–</b> Dr. Ambedkar Auditorium (Technology Tower) <b>Session Chair:</b> Prof. Basuthkar J. Rao, Vice Chancellor, University of Hyderabad, Telangana <b>Rapporteur:</b> Dr K Suthindhiran, SBST, VIT	
11.30-12.00	<b>Prof. P. Prasad</b> High Altitude Plant Physiology Research Centre, HNB Garhwal University (A Central University), Srinagar Garhwal Uttarakhand	<i>Implications of elevated CO<sub>2</sub> and Temperature on alpine plants in Western Himalaya</i>
12.00-12.30	<b>Prof. G. Gurusubramanian</b> Department of Zoology, Mizoram University, Aizawl, Mizoram, India	<i>Benchmarking metagenomics tools for gut microbiome research: Current knowledge and future directions</i>
12.30-13.00	<b>Prof. N Senthil Kumar</b> Mizoram University, Aizawl, Mizoram, India	<i>Panel of significant risk factors, gene variants and distinct molecular subgroups predict Cancers in Mizo population</i>
13.00-14.30	Lunch – CS Hall	
14.30-15.30	Valedictory Function – Senior Scientist awards, Junior Scientist Awards, Best poster Awards	

## ORAL PRESENTATION

No	Name	Title
Below 30 years (16/12/2022- 2.30 PM to 5.30 PM – Hexagon building - SMV209)		
1.	Animish Deepak Andhere Vellore Institute of Technology, Vellore	Standardization and Quality Control analysis of a Polyherbal Antidiabetic Formulation using <i>Costus pictus</i> , <i>Gymnema slyvestre</i> , and <i>Momordica charantia</i>
2.	Swagatika Priyadarsini College of Veterinary Science and Animal Husbandry, Rewa, NDVSU, Madhya Pradesh	Detection of both fnr and narL resulted in attenuated intercellular survival ability of <i>Salmonella typhimurium</i>
3.	Jaime James, Jaylaxmi P. J. Pondicherry University, Pondicherry	Isolation of sulfonated azo dyes degrading microbes and its role in bioremediation of dye-polluted soil
4.	Akshita Srivastava Sri Ramachandra Institute of Higher Education and Research, Chennai	Screening of Potent Compounds against folA gene of <i>Mycobacterium tuberculosis</i> expressing Resistance to Isoniazid
5.	P. Archana Pai Sri Ramachandra Institute of Higher Education and Research, Chennai.	Repurposing Antibacterial Compounds to Overcome Bedaquiline Resistance in <i>Mycobacterium tuberculosis</i> : A Computation Screening and Dynamics Approach
6.	N. Madhana Priya Sri Ramachandra Institute of Higher Education and Research, Chennai.	Determining the Most Deleterious Variants in IDS Gene Causing Hunter Syndrome
7.	Palanivelmurugan M Vellore Institute of Technology, Vellore.	Anti-bacterial, Anti-fungal, Anti-dandruff, in-vitro Anti-arthritis activity, and Anti-oxidant activity of <i>Azadirachta indica</i> A Juss Flower
8.	Shramana Koner Vellore Institute of Technology, Vellore.	Cellular response of THP-1 macrophages to polystyrene microplastics exposure
9.	Sankalp Patil Basaveshwar Engineering College(A), Bagalkot	Statistical Optimization of Enzymatic Transesterification Process to Produce Biodiesel from Honge oil
Above 30 years (18/12/2022- 9.30 AM to 12.30 PM – Hexagon building - SMV209)		
10	Nathiya T The oxford college of engineering, Bangalore	Sustainable synthesis of reduced graphene oxide using <i>Morinda citrifolia</i> leaf extract: evaluation of its spectroscopic, biological properties and in silico studies
11	Dr. L. Anitha Jegadeeshwari Rajalakshmi Engineering College, Chennai	Optimized synthesis of Nano Scale Bio-genic materials and their clinical Trials
12	R. Kannadasan Kandaswami Kandar's College, Namakkal	Isolated KS001 cytochrome c oxidase (COX1) gene in mitochondria from <i>Olios suavis</i> and

		<i>Hogna insularum</i> in Paddy field of Paramathi Velur, Namakkal District, Tamil Nadu
13	Kannan M Kandaswami Kandar, 's College, Namakkal	Larvicidal effects of <i>Euphorbia hirta</i> leaf extract against fruit and shoot borer of the Bhendi, <i>Earias vittella</i>
14	Saranya Kuppusamy Centre for Environmental Studies, Anna University, Chennai.	Biodegradation of Sulfonamide Antibiotics by Bacteria Isolated from Chronically Fertilized Farmland Soils
15	Janani Indrakumar Vellore Institute of Technology, Vellore	Intriguing applications of molybdenum oxide np. impregnated scaffolds in wound therapeutics
16	M Vasundhara Thapar Institute of Engineering and Technology, Patiala	Neuroprotective effects of quercetin produced by an endophytic fungus <i>Nigrospora oryzae</i> isolated from <i>Tinospora cordifolia</i>
17	Magesh R Sri Ramachandra Institute of Higher Education and Research, Chennai	Effect of Indian Natural Compounds Suppressing Streptomycin Resistance in <i>Mycobacterium tuberculosis</i>
18	Gangathraprabhu Balasubramani The Gandhigram Rural Institute, Dindigul.	Determinants of antimicrobial resistance in the household as less worry?
19	Siddharth Sampathkumar PSN College of Engineering and Technology, Tirunelveli	Improving detoxification of lead rich thermal plant effluent wastes with chitosan mediated <i>Gloeocystis gigas</i> using response surface methodology
20	S. Uma Gowrie Ethiraj College for Women (Autonomous), Chennai	Ex situ conservation of promising germplasm of the versatile tree species <i>Azadirachta indica</i> a. juss. for sustainable utilization
21	Veilumuthu P Vellore Institute of Technology, Vellore	<i>Streptomyces</i> sp. VITGV38 (MCC 4869), Lycopersene producing microorganism
22	Jayachandra S. Yaradoddi Basaveshwar Engineering College, Bagalkot	Isolation, Production, And Purification of Extreme Halotolerant Protease From <i>Oceanobacillus</i> Sp.
23	Parthasarathy Ramalingam IISc Bangalore	Structural elucidation and antiproliferative activity of a secondary metabolite, 2-hydroxy-2,4-dimethyl-5-[(1E)-prop-1-en-1-yl] furan-3(2H)-one (Fun), from an endophytic fungi <i>Penicillium oxalicum</i> from marine algae.
24	Thummala Chandrasekhar Yogi Vemana University, Kadapa	Fish Waste: A Potential Source Of Biodiesel

## POSTER SESSIONS

Poster Session I - 17/12/2022 (9.30 AM to 12.30 PM)– Anna Auditorium		
Environmental And Nanobiotechnology		
1.	G.Padmini	Microbial Biotechnology For Sustainable Environmental - Smart Food Packaging

	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	
2.	Mathivanan Varatharajan Periyar University, Salem	Photocatalytic Degradation Of (Neomycin) Antibiotic Concentrated Pharmaceutical Disposals Using <i>Ficus hispida</i> Synthesized Fe Nanoparticles Under Simulated Sunlight
3.	Nishanthi V S VIT, Vellore	Evaluation Of Lead Burden in Soils Surrounding Battery Manufacturing Sites By Differential Pulse Voltammetry
4.	Parvathy R Mar Athanasius College, Ernakulam	Evaluation Of Morphological Malformations And Expression Analysis Of Hsp70 Gene In Aristolochic Acid Exposed <i>Neocardina davidi</i>
5.	Safiya I V Mar Athanesius College, Ernakulam	The Thermal Stress Induced Mercuric Chloride Toxicity In <i>Channa Striata</i> By Bioaccumulation Of Mercury And Heat Shock Protein (Hsp) mRNA Expression.
6.	Shraddha Shirsat VIT, Vellore	Iron Oxide Nanoparticles as Iron Micronutrient Fertilizer – Opportunities and Limitations
7.	Shwetha Raghupathy VIT, Vellore	Heavy Metal Pollution Status in River Cauvery- A Review Of Reports
8.	Sudha S VIT, Vellore	Green Synthesis Of Nickel Oxide Nanoparticles Using Horse Gram Seed Aqueous Extract For Antibacterial, Antioxidant and Environmental Remediation Applications
9.	Varsini S.R. VIT, Vellore	Methods To Enhance the Efficiency of The Microbial Fuel Cells (MFC)
10	Zareen Suhara Nazeer Ali Bannari Amman Institute of Technology, Sathyamangalam	Kinetics Investigation of Pharmaceutical Degradation Via Sro2/Snin4s8 and Its Application In Wastewater Treatment
11	M. S. Keerthana Rani Anna University, Chennai	Treatment Of Textile Wastewater Using Zero Valent Iron Nanoparticles
<b>Medical and Pharmaceutical Biotechnology</b>		
12	Prabhuram K VIT, Vellore	Evaluation Of Antioxidant, Anti-Diabetic and Anti-Obesity Activities of <i>Ocimum tenuiflorum</i> Leaves
13	Athirashaji VIT, Vellore	Preparation, Characterization, And In Vitro Release Study Of Resveratrol-Laminarin-Loaded Liposomal Formulation
14	Niraj Ghanwate Sant Gadge Baba Amravati University, Amravati	Expression Of Type 1 Fimbriae Enhances Virulence of Uropathogenic <i>E. coli</i> by Biofilm Formation
15	Athirashaji VIT, Vellore	A Review on Liposomal Drug Delivery Using Phytochemicals To Combat Obesity
16	Pooja Mandviya Sant Gadge Baba Amravati University, Amravati	Microbial Identification of Low Discriminating Bacteria Isolated From Urinary Catheter Found In Vitek-2 Compact System
17	Bhakti Ashok Mandke VIT, Vellore	Comparative Study Of Phytochemical Analysis And Antioxidant Activity Of Some Selected Medicinal Plants From South India

18	Karthi M St. Joseph's Institute of Technology, Chennai	Fluoroscopic Imaging and Secured Dicom Image Transfer Using Machine Learning and Quantum Computing
19	Sahana.K VIT, Vellore	Comparative Study of The Physico-Chemical And Antioxidant Properties Of Different Brands Of Indian Honey
20	Geetha M Jeevanand Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Implications Of Engineered Probiotics – The Future Of Functional Food
21	Srivarshini Sankar VIT, Vellore	In Silico and Molecular Docking Investigations Of Potential Phytochemicals Against Key Proteins Involved In The Apoptotic Signalling Cascade of Hepatocellular Carcinoma
22	Srivarshini Sankar VIT, Vellore	In Silico Evaluation To Repurpose Diclofenac And Phytochemicals Against Key Proteins Involved In The Apoptotic Signalling Cascade Of Breast Cancer
23	Mohanraj G VIT, Vellore	Novel Bacteriophages From Hospital Sewage As Alternative Therapy For Clinical MDR <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> and <i>Klebsiella pneumoniae</i> Biofilms
24	Christma Eunice Sherina P Loyola College, Chennai	Green Synthetic Overture to Carbon-Based Nanomaterials From Biosources
25	Karthikeyan M Sri Venkateswara College of Engineering, Chennai	Marine Polysaccharide Based Engineering Scaffolds for Tissue Engineering
26	Francis Tisha N Loyola College, Chennai	Biomimetic Synthesis and Characteristics Of Silver Nanoparticles
27	Prashant V Thakare Sant Gadge Baba Amravati University, Amravati	Rapid Identification Of Breakpoints Of Antibiotics For Nosocomial Infection Caused By Bacteria
28	J. Shalini Loyola College, Chennai	Investigation on Structural and Optical Properties Of Silver Nanoparticles By Green Synthesis
29	Yogesh Babaraobele Sant Gadge Baba Amravati University, Amravati	Studies on the Adherence of <i>Pseudomonas aeruginosa</i> on Different Urinary Catheter Materials
30	Nandana K , VIT, Vellore	Quinoline producing <i>Streptomyces sp.</i> VITGV156 (MCC 4965)
<b>Vaccines and Immunotechnology</b>		
31	Pearl Shah VIT, Vellore	Overview of Incurable Common Cold Like Epstein Barr Virus In The Global Post-Covid Scenario
<b>Biodiversity and Conservation</b>		
32	R. Kannadasan Kandaswami Kandar's College Namakkal	A Survey of Spiders Diversity In Three Agricultural Field Areas: The First Report Of Tamil Nadu In Indi
33	Madhu Subramani VIT, Vellore	Ecological Perspective Of Marine Actinobacteria On Unexplored Mangrove Ecosystems – A Metagenomics Survey



34	Neelu Soni Sant Gadge Baba, Amravati	Species Identification Of Threatened Wildlife Using DNA Barcoding In India
<b>Bioremediation</b>		
35	M. Chellapackialakshmi Thiagarajar College, Madurai	Isolation, Characterization and Optimization Of Keratinolytic Bacteria From Feather Dumping Site
36	Amritha P S PSGR, Krishnammal College For Women, Coimbatore	Periphyton Biofilms: A Novel, Natural Biological System Of Bioremediation Of Microplastics
37	Lakshmi Pillai VIT, Vellore	Metagenomics Approaches To Bioremediation Of Polluted Water
38	Anne Marie Sebastian Mar Athanasius College, Kothamangalam	Isolation Of Naphthalene Degrading Bacteria From Petroleum contaminated Sites
39	M Haripriya, VIT, Vellore	Waste Management Using Marine Microorganisms
40	Anand N, Birla Institute of Technology and Science, Hyderabad	Enhanced Production Of Methane In Food Waste Biomethanation Using Granulated Activated Carbon
41	Deepak VIT, Vellore	Isolation And Screening Of Biosurfactant Producing Bacteria From Soil And Water For Their Potential Applications
<b>Micro And Nano Plastics</b>		
42	Veena Vinod PSGR Krishnammal College For Women, Coimbatore	Impacts Of Microplastic: The Ecological Influence On Soil-Plant System And Animal Health
<b>Climate Change And Its Effect On Environment</b>		
43	Sreeram S PSG College Of Arts & Science Coimbatore	Adaptability Assessment of <i>Bruguiera gymnorrhiza</i> From The Four Southern Districts Of Kerala: Analytical And Biochemical Approach
44	Arjita Ghosh VIT, Vellore	Loss of Hetrozygosity in DCC is a significant Marker in Head and Neck Cancer
45	Rajalakshmi Sridharan Stella Maris College, Chennai	Photocatalysis Of High Density Polyethylen (Hdpe) Using CuO Nanoparticles
<b>Poster Session II - 17/12/2022 (2.00 PM to 5.30 PM)– Anna Auditorium</b>		
<b>Marine Products</b>		
1.	Sruthi Talapudi Andhra Pradesh Medtech Zone Andhra Pradesh	Isolation, Production and Characterization Of Ftase Enzyme From Microbial Culture For The Synthesis Of Fructo oligosaccharides (Prebiotic)
2.	Vernita Priya VIT, Vellore	Cloning And Expression Of Immediate Early Gene Wssv091 From The Indian Isolate Of White Spot Syndrome Virus
3.	Manishkumar A T VIT, Vellore	Evaluation Of The Antiviral Activity Of <i>Hypnae valentiae</i> Against White Spot Syndrome Virus In Freshwater Carbs ( <i>Paratetaphusa hydrodromous</i> ).

4.	B.Dhivya VIT, Vellore	Identification And Characterization Of Peptides From Marine Crustacean Crabs And Their Bioactive Properties
5.	Haimanti Mondal VIT, Vellore	Effect Of Antibacterial Activity Of <i>Bacillus licheniformis</i> Isolated From Marine Sediments, And Its Disease Resistance In Treating <i>Aeromonas hydrophila</i> Infection In Freshwater Prawn, <i>Macrobrachium rosenbergii</i>
6.	Karthik. T VIT, Vellore	Exploration Of Biostimulant Property Of Seaweed Liquid Extract (Sle) On The Growth Development And Yield Of <i>Solanum lycopersicum</i> (Tomato)
7.	Karthik. T VIT, Vellore	Field Evaluation Of <i>Portieria hornemannii</i> Seaweed Fertilizer On The Growth, Yield, And Protein Regulation In <i>Vigna radiata</i> (Green Gram)
8.	S.R.Saranya Arunkumar VIT, Vellore	Experimental Studies On Novel Rna Extraction Techniques In Tilapia Lake Virus For Diagnostic Assays
9.	Sujatha E VIT, Vellore	Purification, Characterisation And Antimicrobial Activity Of Melanin Pigment Obtained From Marine Biomass Of <i>Uroteuthis duvaucelii</i> And Its Cosmetic Applications
10	Aruna G Rajalakshmi Engineering College Sriperumbudhur	Novel Psychrophilic Bacteria Inhibit Fish Pathogens - An Alternative Approach To Control Biofilm Related Infections In Aquaculture System
11	Raja Priya R VIT, Vellore	Improved Extraction Of K-Carrageenan From Red Seaweed <i>Hypnea valentiae</i> (Turner) Montagne 1841 With Enhanced Physicochemical And Antioxidant Potentials
12	Ramya P, Kalasalingam Academy of Research and Education, Srivilliputhur	Optimization Of Alginate Lyase Production Using Enterobacter Tabaci Rau2c Isolated From Marine Environment By Rsm And Anfis Modelling
13	Bharath. R VIT, Vellore	Antiviral Activity Of <i>Turbinaria ornata</i> Against White Spot Syndrome Virus In Freshwater Crab ( <i>Paratelphusa hydrodromous</i> )
14	Chowdhury Mohammad Monirul Hasan, University Of Chittagong Bangladesh	Fatty Acid Composition Of Marine Microalgae <i>Skeletonema costatum</i> Available In Bangladesh Coast: Consideration As Biodiesel Feedstock
<b>Plant And Agricultural Biotechnology</b>		
15	Nithya. S Kandaswami Kandar's College Namakkal	Morphological And Physico-Biochemical Characterization Of Tomato Plant Using Different Waste Vermicompost By Earthworm <i>Eudrilus eugeniae</i> .
16	Aparna S J URS Testing Laboratory, Jebel Ali, Dubai, UAE	Comparative Study Of Phytochemical Analysis And Bioactive Studies With Special Emphasis On Pesticidal Properties Of <i>Musa sapientum</i> L. Versus <i>Musa paradisiaca</i> L. Leaf Extract.
17	Tanveer Kaur Thapar Institute of Engineering & Technology, Patiala	Selenium Stress Amelioration And Plant Growth Promotion By Indigenous Arbuscular Mycorrhizal Fungi In Native Seleniferous Soil
18	Smita Peter Rakshit Sant Gadge Baba Amravati University, Amravati	Extraction Of Bioactive Components From <i>Physalis minima</i> Responsible For Hiv Integrase Enzymes Inhibition

19	Sachin Vithal Awachar Sant Gadge Baba Amravati University, Amravati	Synthesis Of Cu Nanoparticles Using Plant Extract Of <i>Helicteres isora</i> For Inhibition Of Ginger Infecting Fungi
20	Meghana Pradip Khopaye Sant Gadge Baba Amravati University, Amravati	Study Of Antimicrobial Activity Of <i>Helicteres isora</i> Against Clinical Isolates
21	Prem Anand K VIT, Vellore	Screening And Identification Of Antagonistic Marine Actinobacteria As Potential Bio-Fungicide Against Phytopathogens
22	Karun Wilson VIT, Vellore	Alphafold, Esm Metagenomic Predicted Structures Of Proteins Involved In Conidiation And Virulence In <i>Alternaria solani</i> Hwc-168
23	Santhana Lakshmi B Bharathiar University, Coimbatore	Characterization And Application Of Bioactive Exopolysaccharide Isolated From Endophytic <i>Epicoccum sorghinum</i> In Enhancement Of <i>Solanum lycopersicum</i>
24	R.Vidya VIT, Vellore	Isolation And Characterization Of Plant Growth-Promoting Bacteria From Various Nutrient-Rich Sample Sources To Prepare A Consortium That Aids The Growth Of Plants
<b>Microbial And Industrial Biotechnology</b>		
25	Chandukishore.T NIT, Warangal	Ecofriendly And Sustainable Production Of Value Added Bioproducts Using Food Waste Through Fungal Cell Factory
26	Md Ebrahim Khalil South Asian University, New Delhi	A Robust And Efficient Bioprocess Of Hydrogen Production From Crude Glycerol By <i>Clostridium beijerinckii</i> G117
27	Fatima Bhadra Thapar Institute of Engineering & Technology, Patiala	Anti-Inflammatory Potential Of Endophytic Fungi <i>Acremonium alternata</i> From <i>Argemone mexicana</i>
28	Anu Gupta Thapar Institute of Engineering & Technology, Patiala	Isolation Of Withanolide-Producing Endophytic Fungus <i>Penicillium</i> Sp. From <i>Withania somnifera</i> And Its Biological Activities
29	Naveen A T VIT, Vellore	Formulation Of A Microbial Probiotic With Bacterial Isolates From Various Nutrient-Rich Sample Sources That Enhance The Nutrient Content In <i>Solanum lycopersicum</i>
30	Rashmi Ira Indian Institute of Technology, Mandi	Designing Synthetic Microbial Consortia To Produce Biohythane Using Substrate “Cow Dung” And Evaluating Microbial Community Dynamics By Metagenomic Profiling
31	Monic Andrew VIT, Vellore	Structural Characterization And Functional Properties Of Exopolysaccharide Produced By <i>Bacillus aquimaris</i> VITp4 Isolated From Saltern Kumta Coast Of The Arabian Sea
32	R Narmatha Kalaingar Karunanidhi Government Arts College, Thiruvannamalai	Optimization Of Microbial Fermentation Of Defatted Biomass Of Mutant Green Microalga <i>Tetradismus dimorphus</i> Ems2 For Production Of Total Phenolic Content And Antioxidant Activity
33	Ezhilarasi P, Kalasalingam Academy of Research And Education, Krishnan Koil	Curdlan Gum Production Using Marine Bacteria Isolated From Red Seaweed– Screening And Optimization Studies

34	V.Uma VIT, Vellore	Screening Of Metabolites From Medicinal Plants And Its Potential Use To Preserve In Food Preservation
35	Sileudombouarmelle Leslie VIT, Vellore	Extraction, Characterization Of Keratin From Chicken Feather And It's Degradation By A Novel Isolated Keratinolytic Microbial Strain: <i>Streptomyces sampsonii</i> St2ns-Ind
36	Harini V R VIT, Vellore	Phytochemical Analysis Of Moringa; Probiotic And Prebiotic Characteristic Of Its Endophytic Fungi
37	Parvez Singhslathia Shri Mata Vaishno Devi University, Jammu and Kashmir	Pretreatment Of Sesame Stalk With Alkaline Hydrogen Peroxide For Bioethanol Production
38	Sangeetha P, Pondicherry University, Pondicherry	Study On Microbial Alkaline Pectinase And Its Applications
<b>Bioinformatics And Computational Biology</b>		
39	Anushka Das VIT, Vellore	Pharmacophore Based In Silico Studies To Analyze Phytochemicals Targeting <i>Yersinia ruckeri</i>
40	Shaik Yasmin Taj Sri Padmavati Mahilavisvavidyalayam, Tirupati	Design, Synthesis, Biological Evaluation and In-Silico Studies Of N-Substituted Phenyl Cinnamamide Derivatives
41	Surya Praveen A, Kalasalingam Academy of Research and Education, Srivilliputtur	Seaweed Metabolites For Targeting Pel Polysaccharide Biosynthesis In <i>Pseudomonas aeruginosa</i> - A Novel Strategy For Biofilm Control
42	Sneha.P, Sri Ramachandra Institute of Higher Education and Research, Porur	Profound Metagenomic Analysis Based on Exsistingdna Sequence of Microbiome Obtained From Soil – A Dry Lab Approach.
43	Ramya P, Kalasalingam Academy of Research And Education, Krishnan Koil	Computational Analysis of Alginate Lyases Produced By Different Microorganisms
44	Rudra Mishra, VIT, Vellore	A Computational Modelling For The Co-Production Of Metabolites With Metabolic Engineering Strategies
45	Durgadevi Rajendran VIT, Vellore	Computational Analysis Of Immunomodulating Properties Of Triphala bioactives In Treating Inflammatory Bowel Disease
46	Anant Kumar VIT, Vellore	Exploring Therapeutics Potentials of Phytocompounds From <i>Borassus flabellifer</i> Fruit Extract Through In-Silico Approach
47	N Anand Kumar National Institute of Technology, Karnataka	Computational Sequence Analysis and Homology Modeling Of Uricase From Wheat ( <i>Triticum aestivum</i> L.) and Chickpea ( <i>Cicer arietinum</i> L.)
48	Lucky Parida VIT, Vellore	Arsenic-Related Functional Disruption of Mgmt And Downregulation Of Cdk1- An In Silico Study
49	Sohini Chakraborty VIT, Vellore	Understanding crosstalk of RNAs and polyphenols in different cancer hallmarks using network analysis for exploring novel breast cancer therapeutic strategies