

POSTER PRESENTATION

Sr. No	Name	Institution	Abstract Title
PP1	Ajay Uppuluru	VIT Vellore	K ₂ S ₂ O ₈ -promoted one-pot synthesis of N-substituted quinazolinones via tandem annulation using DMSO and terminal alkynes.
PP2	Pritam Halder	VIT Vellore	Development of Organellespecific Luminescent Ru(II)/Ir(III)/Re(I) based Pyrene Imidazo Phenanthroline Complexes as Novel Anticancer Therapeutics
PP3	Aishwarya S	VIT Vellore	Novel Triazole Synthesis via Azide–Chalcone Cycloaddition Using New Cu-based Polyurethane Foam as a Catalyst
PP4	Suresh Venkatesan	VIT Vellore	Blue LED-Driven Greener Approach to Access bis(aminothiocarbonyl)disulfides hybrids via radical-radical cross coupling
PP5	Lokesh E	VIT Vellore	Sustainable Iodosulfonylation of internal Alkynes via Metal-Free Visible Light Catalysis.
PP6	Roshini Candida Anne. D	VIT Vellore	Exploring Photo-responsive Cyclometalated Iridium (III) Complexes for Photodynamic Therapy
PP7	Sachu Kuriakose	Pondicherry University	A Mild and Efficient Synthesis of Functionalized 2-Fluorobenzamides from 1,2,3-Benzotriazinones via Denitrogenative Fluorination Reactions under Thermal/Visible Light Conditions
PP8	Asmita Dutta	VIT Vellore	Benzimidazole-based Metal Complexes: Emerging Candidates for Anticancer Therapy
PP9	Nikitha Nittur Prasanna	VIT Vellore	Synthesis And Evaluation Of Dual Inhibitors: A Multi-Targeted Approach In Cancer Drug Discovery
PP10	Harashkkumar Vasanthakumari Thirumalaiswamy	VIT Vellore	Novel Poly (ADP-ribose) Polymerase 1 (PARP1) Targeting PROTACs for Treating Cancers
PP11	Subin Joseph	VIT Vellore	Harnessing Mitochondrial Targeting and Metal Coordination to Enhance Curcumin-Based Phototherapy
PP12	Sreejani Ghosh	VIT Vellore	Photobiological Distinction of Imidazophenanthroline-based Ir (III) Cyclometalated complexes in Next-Generation Cancer Therapy
PP13	Sreelekha U	VIT Vellore	Click-Derived Triazolylmethylquinoxaline -Based Metal Complexes as Photodynamic Therapeutic Agents against Triple Negative Breast Cancer
PP14	Abima S	VIT Vellore	Synthesis and Characterization of Yellow NIR-Reflective Pigments for Cool Coating Applications
PP15	Shreyan Guha	University of Hyderabad	Effect of reagent vibration on the dynamics of the, He + LiH ⁺ (v = 1-4, j = 0) → LiHe ⁺ + H, reaction
PP16	Aasawari Anil Aparadh	VIT Vellore	Mitochondrial-Targeting Imidazophenanthroline-Based Bimetallic Complexes as Promising Agents for Synergistic Photodynamic and Chemotherapeutic Cancer Treatment
PP17	Priyanka Singh	VIT Vellore	Microplastic-induced modulation of extracellular polymeric substances in agricultural soil and its impact on seed germination of Solanum lycopersicum (tomato)
PP18	Aswathy Aniyar	Pondicherry University	Hexafluoro isopropanol (HFIP)-Promoted Metal-free chemo selective O-Alkylation of 2-Hydroxypyridines with α-Halo Hydroxamates at Room Temperature
PP19	Ankita Rabi Sankar Pandey	VIT Vellore	Visible Light-Assisted Transesterification of Propylene Carbonate to Afford Octane Booster by Porphyrin Photocatalyst
PP20	Ranjithkumar Ganesan	VIT Vellore	Convergent synthesis of coumarin C3–C4-fused fluorogenic quinoline scaffolds via aldehyde activation using in situ generated hydrazoic acid

PP21	Vivek Adhikary	VIT Vellore	ProFA: An Integrated Platform for Protein Structural Characterization and Physicochemical Property Analysis
PP22	Jigyasa Verma	VIT Vellore	Hub Gene Discovery For Biomarker Development In Parkinson's Disease Using Network Analysis
PP23	Kanakasree Mohan	IISER Berhampur	Integrating β -Diketonate Platinum (II) Complexes with Protein Nanocarriers for Advanced Chemotherapeutic Delivery
PP24	Aruna Suresh	IISER Berhampur	Calixorubicin: Calix[4]arene Appended Upper Rim Modified Hypoxia Activated Prodrug of Doxorubicin and its Nanoparticles for Enhanced Retention
PP25	Aishwarya A C	VIT Vellore	The synthesis and characterization of novel Schiff bases
PP26	Amritha Radhakrishnan	NIT Calicut	Mechanically Robust PVA-Incorporated Chitosan-Aminated Starch Films with Shape Memory Effect for Tissue Engineering Applications
PP27	Gopika M	NIT Calicut	Development of isocyanate-free Hybrid Polyhydroxyurethane adhesives – Investigating the effects of amines
PP28	Steve Gregory Varghese	VIT Vellore	Transforming Recycled Microplastic Waste into Conductive Self-Healing Hydrogel for High-Efficiency Energy Harvesting and Real-Time Human Body Detection
PP29	Mekha Mariam Mathew	NIT Calicut	Flexible, Self-Healing and Lead-Free Nanogenerator based on Natural Rubber -Dextrin Composites for Human Body Stimuli Responsive Applications
PP30	Vediyappan Nagamani	VIT Vellore	High-Yielding Regioselective Synthesis of Coumarin/2-Quinolone C3-C4 Fused 5-Substituted-1,4-Benzodiazepine Scaffolds
PP31	Hridija Samit Banerjee	VIT Vellore	Exploration of Fe and Ru PNP pincer catalysed amide formation from CO and NH ₃ 'A DFT APPROACH'
PP32	Guhananthan A	VIT Vellore	3D/2D layered heterojunction of NiNb ₂ O ₆ /E-gC ₃ N ₄ as an efficient photocatalyst for pollution abatement
PP33	Tharani S	VIT Vellore	Interactions of Schiff's base complexes of essential bioelements with nucleic acid and protein
PP34	Sowmiya Ganesan	VIT Vellore	Antioxidant, α -amylase inhibition, and DNA/BSA interaction studies of aldimine-based nickel, zinc and copper complexes
PP35	Swetha Kannan	VIT Vellore	Computational studies of nitrogen containing heterocyclic chalcones: molecular docking and admet evaluation
PP36	Suruthi R	VIT Vellore	Oxygen vacancies mediated enhanced photocatalytic activity of band gap engineered BaSn _{1-x} Cu _x O ₃ towards methylene blue degradation under visible and sunlight.
PP37	Bhumika joshi	VIT Vellore	Synthesis, Spectroscopic Characterization, and Biointeraction Studies of Bimetallic Ni(II) and Co(II) Schiff Base Complexes
PP38	Harish Parthiban	VIT Vellore	Freeze-Dried Larnite-Reinforced PVA/PCL/Silk Fibroin Composite Scaffolds: Biocompatibility and Mechanical Assessment for Hard Tissue Repair"
PP39	Bhaskar Sadhu	IISER BERHAMPUR	Amino acid-triggered activation of double-masked gossyzid-metal conjugates: metal-dependent stability, photophysical properties, and anticancer activity
PP40	Vignesh M	VIT Vellore	2D/2D Z-Scheme CaCo ₂ O ₄ /g-C ₃ N ₄ heterojunction for the photocatalytic degradation of methylene blue
PP41	Praveena B	VIT Vellore	New Functionalized Terpyridines – Synthesis, Structural Characterization, Chemosensing and Catalytic Applications
PP42	Javid Aktar Z	Presidency College (Autonomous), Affiliated To University Of Madras	"Synthesis and Characterization of a Novel Araucaria Heterophylla Gum - Poly(Acrylic Acid) Hydrogel Silver Nanocomposite for Antibacterial and Antifungal Applications."

PP43	Preethi M	VIT Vellore	Designing Functionalized α -Aminophosphonates for Remarkable Coordination Behaviour, Photophysical, and Biological Applications
PP44	Sakshi Ravindra Giradkar	VIT Vellore	Visible Light-Assisted Transesterification of Propylene Carbonate to Afford Octane Booster by Porphyrin Photocatalyst
PP45	Harikaran Dhakshnamoorthi	VIT Vellore	ASnO ₃ (A = Ca, Sr, Ba) perovskites as new and efficient photocatalytic reductants for Cr (VI) remediation: Role of vacancies, pH and D-fructose
PP46	Sreena R	VIT Vellore	Bioactive Copper-Doped S53P4–Polymeric Hydrogel: A Dual-Functional Scaffold for Bone Regeneration and Infection Control
PP47	Arya S	VIT Vellore	Design and Evaluation of Nitrogen and Oxygen -Based Heterocyclic Framework as Anti-Corrosion Inhibitors on Mild Steel in Acidic Environments
PP48	Shradha Raghupathi	VIT Vellore	Synthesis, Characterisation and Photophysical Properties of Pyridine-based extended Triazole Moieties
PP49	Janarthanan Venkatesan	VIT Vellore	Computational Design and Evaluation of c-MET-Targeted PROTACs for Degradation-Driven Cancer Therapy
PP50	Unnikrishnan Balachandran	VIT Vellore	Fibroblast Activation Protein (FAP) ligands for cancer imaging and therapy
PP51	Vishnupriya M	VIT Vellore	Protein-polysaccharide based composite hydrogel for tissue engineering application
PP52	Aditya Chakraborty	VIT Vellore	Palladium-Catalysed Sonogashira and Suzuki Functionalization of Phenazine: Synthesis, Characterisation, and Photophysical Insights
PP53	Akshaya S	VIT Vellore	Valorisation of lignin from agro waste for fabrication of eco-friendly bio composite films with improved physical and functional properties
PP54	Sugantha Angel S	VIT Vellore	Phytochemical-Enriched Nano-hydroxyapatite Reinforced into Polymeric Cryogel Scaffolds for Bone Regeneration
PP55	Divya R	VIT Vellore	Rapid Colorimetric Sensing of Bacterial Contamination in Water Using Polymer-Modified Fe ₃ O ₄ Nanoparticles
PP56	Suparna Premji	VIT Vellore	Exploring the Synthetic and Photophysical Potential of Benzimidazole -Based Aryl Derivatives through Suzuki Coupling
PP57	S Shilpa Benny	VIT Vellore	Highly Efficient Ternary Composite Adsorbent for Enhanced Dye Removal
PP58	Aditya Kadam	VIT Vellore	Development of the guar gum reinforced injectable calcium magnesium phosphate bone cement
PP59	Manoj Selvam	VIT Vellore	Development of electrospun scaffolds with embedded drug-loaded chitosan nanoparticles for enhanced tissue regeneration
PP60	Priyam Keziah P	VIT Vellore	"Design, Synthesis, and Characterization of a Metal Oxide–Integrated Biopolymer–Biochar Composite for Sustainable Dye Adsorption"
PP61	Tholkappiyan Mahalingam	VIT Vellore	Design and Development of Metal Complexes as Novel Anticancer Therapeutics
PP62	Govindaswamy Periyannan	VIT Vellore	Adsorptive Removal of Heavy Metals Chromium and Copper Using Pomegranate Peel-Reinforced Chitosan Oligosaccharide, Kaolin Clay-Based Hydrogel
PP63	Dr. Kamil M.S.M	Abdul Hakeem College (Autonomous), Melvisharam	Synthesis of nano β -Zeolite possessing hierarchical porosity via Steam-Assisted crystallization of Mesoporous Aluminosilicate
PP64	Shibaram Panda	Weizmann Institute of Science, Israel	Bridged Boranoanthracenes: A Facile Generation of Oxoboranes through Aromatisation-Driven Oxidative Extrusion

PP65	Satish Rajpurohit	VIT, Vellore	Development and characterization of polysaccharide- based hydrogels for tissue engineering