

INTERNATIONAL CONFERENCE ON ADVANCED FUNCTIONAL MATERIALS AND DEVICES (AFMD -2024)							
Online Poster Presentation							
Day 3rd, Date:28th February 2024 Time: 13:00 to 14:00 hrs							
S.No.	Abstract Id	Poster id	Presenting Author	Title of abstract	Slack work place name	Slack workplace link	Slack channel name
1	56	on_pp_1	Mrs. SREEJA E M	PEO/PVdF based solid polymer electrolyte films for developing all solid-state Li-S cells	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_1_sreeja
2	101	on_pp_2	Mrs. Sangeetha Gopan G S	Synthesis and Characterization Studies of Biomass-Derived Calcium and Magnesium Self-Doped Porous Carbon for Eco-friendly Symmetric Supercapacitor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_2_sangeetha
3	146	on_pp_3	Mr. Sumanta Kumar Majhi	Development of ZrPO4 based magnetically retrievable photocatalyst for removal of azo dyes from industrial wastewater	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_3_sumanta
4	153	on_pp_4	Mr. Neeraj Dhariwal	Room-Temperature flexible Ethanol Sensor based on novel La-modified ZnFe2O4 gel with low limit of detection	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_4_neeraj
5	175	on_pp_5	Ms. Nibedita Nayak	Anticancer Activity of green synthesized Manganese-Doped Cerium Oxide Nanoparticles Using Acacia Concinna Fruit Extract	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_5_nibedita
6	182	on_pp_6	Mrs. Sasmita Sarangi	Green Synthesis, Characterization and Anticancer effects of Gd-doped CeO2 NPs in human colon cancer (HCT-116) and breast cancer (MCF-7)	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_6_sasmita
7	196	on_pp_7	Mr. Kiran Thakur	Antibacterial study of Green Synthesized Calcium Oxide Nanoparticles (CaO NPs) Using Leaves Extract of Murraya Koenigii	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_7_kiran
8	200	on_pp_8	Dr. G.T Chavan	The CuFeP2O7 composites for high-performance supercapacitor and bifunctional catalysis applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_8_chavan
9	204	on_pp_9	Dr. G.T Chavan	Advancement in electrocatalytic water splitting performance: Hybrid core-shell heterointerface	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_9_chavan
10	241	on_pp_10	Dr. Rahul Sadashiv Ingole	Solvent-Mediated Spray Pyrolysis of 2D Vanadium Oxide Nanostructures for High-performance Energy Storage Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_10_rahul
11	244	on_pp_11	Dr. Snehal Laxman Kadam	Synthesis and Electrochemical Characterizations of RGO-Decorated MnO2 Nanorods Electrodes for New Generation Wearable Symmetric Supercapacitor Devices	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_11_snehal
12	267	on_pp_12	Dr. Nelsa Abraham	Fabrication of Laser-Induced Graphene-Based Micro-Supercapacitor with Fractal Architecture	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_12_nelsa
13	278	on_pp_13	Dr. GANGADHAR V MUDDAPUR	Spectroscopic Characterization of Thin Films of Diketones Derivative for Photonics Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_13_gangadhar
14	295	on_pp_14	Mr. Gurmeet Singh	Structural, Morphological and Magnetocaloric Properties Analysis of Nanocrystalline Pr0.6Y0.1Ba0.3MnO3 Manganite	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_14_gurmeet
15	353	on_pp_15	Mrs. Vinitha B .Elza	Impedance Spectroscopy Analysis of Low-Cost mixed halide MAPbI1-xClx, Highly Efficient FAPbI3 and Non-Toxic Lead-free CsBi3I10 Perovskite Solar Cells: A Comparative Numerical Analysis using SCAPS-1D	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_15_vinitha
16	371	on_pp_16	Ms. Lakshmi Devi A	Non-enzymatic electrochemical sensing of conjugated bilirubin in serum	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_16_lakshmi
17	458	on_pp_17	Ms. Vartika Khandelwal	Investigation on the Structural, Dielectric, Energy Storage, and Electrocaloric Properties of Environment-Friendly BCZT ceramics	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_17_vartika
18	459	on_pp_18	Mr. Piyush Siroha	Efficient Adsorption Capacity of Hydrothermally Processed MoS2 Nanoflower for Methylene Blue Dye Removal	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_18_piyush
19	524	on_pp_19	Ms. Soumili Kar	ZnSe@ZnO heterostructures constructed as an electrocatalyst for Enhanced Supercapacitor Performance	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_19_soumili
20	552	on_pp_20	Mrs. P.Vidhya	Effect of Yt doped on PbS thin films produced by the jet nebulizer spray pyrolysis method, and construction of p-Yt -PbS/n-Si photodiodes with luminance dependence for photo detector application.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_20_vidhya
21	582	on_pp_21	Mr. Gunasekaran	Enhanced catalytic performance of NiO nanosheets by the substitution of Co2+ ions for dye-sensitized solar cells application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_21_gunasekaran
22	586	on_pp_22	Ms. R. Leethiyal	GREEN SYNTHESIS OF TITANIUM DIOXIDE NANOPARTICLES FOR ANTIBACTERIAL AND PHOTOCATALYTIC ACTIVITY USING JUSTICIA ADHATODA LEAF AND CISSUS QUADRANGULARIS EXTRACT	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_22_leethiyal
23	633	on_pp_23	Ms. Haritha.H.Variar	Design, Simulation, and Fabrication of a Soft Capacitive Pressure Sensor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_23_haritha
24	712	on_pp_24	Ms. GAYATHRI PALANICHMAY	Predictive design of high polarization low switching barrier hybrid improper ferroelectric double perovskite oxides	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_24_gayathri
25	744	on_pp_25	Mr. NARESH CHANDRA MAURYA	Decoration of the Sb2Se3 nanowires with CsPbBr3 nanocrystals and Study the Nonlinear Optical Response	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_25_naresh
26	791	on_pp_26	Ms. Ekta Digulal Pardhi	Electrochemical Study of Novel Organic-Inorganic (PVA/PVP-ABO3) Nanocomposite Proton Conducting Membrane For HT-PEMFCs	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_26_ekta
27	795	on_pp_27	Ms. Sajal Shradha	Resistive switching in perovskite heterostructures: A review	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_27_sajal
28	808	on_pp_28	Ms. Neha Narendra Dorle	New Double Perovskite (La2FeCoO6): Flexible Thin Film Based on Polymer Composite with Dielectric and Ferroelectric Properties	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_28_neha
29	818	on_pp_29	Ms. Aswathi V P	Synthesis of g-C3N4/NiFe2O4/PANI composite as a Supercapacitor with Improved Electrochemical Performance for Energy Storage applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_29_aswathi
30	823	on_pp_30	Mr. Shilpa Simon	Fabrication of Water Hyacinth-Derived Activated Carbon Hybrid Electrodes with Conducting Polymers for Enhanced Supercapacitor Performance	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_30_shilpa
31	824	on_pp_31	Ms. Nikita Varghese	ESIPT-inspired solid-state emitters for Picric acid turn-on off detection with acidofluorochromism, anticounterfeiting, and Latent fingerprinting.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_31_nikita
32	832	on_pp_32	Dr. Yamuna Nair	ESIPT inspired solid-state emitters for Picric acid turn-on-off on detection with acidofluorochromism, anticounterfeiting, and Latent fingerprinting.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_32_yamuna

33	837	on_pp_33	Mr. B.B.Madavi	Structural and electrical properties of Novel Lanthanum orthophosphate (LaPO ₄) as solid electrolyte for low temperature solid oxide fuel cell	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_33_madavi
34	885	on_pp_34	Mr. ARIJIT ROY	2D materials & Quantum dots based Photonic Synaptic Transistor (PST) for the enhancement of memory operation in artificial visual system.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_34_arjit
35	895	on_pp_35	Mrs. Arati Dikhit	Numerical Investigation on the Effect of various ETLs and HTLs on the Performance of an Improved, Stable MAPbI ₃ Perovskite Solar Cell with a PbS QD Layer: Using SETFOS 5.3	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_35_arati
36	909	on_pp_36	Mrs. Kavitha G	Surface oxidation of grown REMs-doped CuO: CdTe thin films heterostructure based photocatalyst and PECs materials for solar-driven water splitting	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_36_kavitha
37	911	on_pp_37	Mrs. Bidyabati Laishram	Structural and electrical studies of manganese nickel ferrite prepared by ceramic technique using high energy ball milling	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_37_bidyabati
38	915	on_pp_38	Ms. Devi P	Preparation and Characterization of Poly (vinyl alcohol) – Chitosan Composite Membrane for DMAFC Application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_38_devi
39	916	on_pp_39	Mr. Sarata Beriha	Effect of MASnI ₃ Buffer Layer on FTO/SnS ₂ /MEH-PPV/Cu ₂ O/Au Solar Cell Using Numerical Simulation	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_39_sarata
40	923	on_pp_40	Mr. Sumit Raj Laishram	Synthesis and investigations on structural, microstructural and electrical properties of lithium copper ferrite prepared by ceramic technique using high energy ball milling.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_40_sumit
41	927	on_pp_41	Ms. Panii Leinai	Synthesis and investigation on structural, electrical and permeability properties of nickel substituted Co-Zn ferrites by ball milling technique	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_41_panii
42	940	on_pp_42	Ms. Satnum mattu	Implementing bimetallic metal organic framework for high performance asymmetric supercapacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_42_satnum
43	943	on_pp_43	Ms. Manisha Tak	Turmeric Leaves-Derived Biomass Waste Carbon: A Sustainable Frontier for Supercapacitor Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_43_manisha
44	946	on_pp_44	Ms. Neha Sharma	Gas-Sensing Properties of NO on Ce-doped zinc oxide: A DFT Study	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_44_neha
45	956	on_pp_45	Ms. AP Kajal	Nanocrystalline Hydroxyapatite (HAP) for advanced biomedical applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_45_kajal
46	969	on_pp_46	Mr. Shweta Panwar	Study of structural ,thermal and electrical properties of sodium based metal oxide-polymer composite electrolyte for battery application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_46_shweta
47	970	on_pp_47	Mrs. Preeti Das	Tailored Co ₃ O ₄ Nanoparticle-Coated Optical Fibers for Enhanced Sialic Acid Sensing: An Application towards Cancer Detection	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_47_preeti
48	981	on_pp_48	Mr. Choudhury Abinash Bhuvan	Nanoscaled Monolayer MoS ₂ with Enhanced Photoluminescence Quantum Yield and Improved FET Device Performances	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_48_choudhury
49	1004	on_pp_49	Mr. Karunakaran S	Thermoelectric performance of Bi-Sb co-doped Mg ₂ SI for mid temperature applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_49_karunakaran
50	1027	on_pp_50	Bhagaban Kisan	Frequency dependence dielectric behavior of lead free (1-x)BZT-xBCT (BCZT) ceramics	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_50_bhagaban
51	1029	on_pp_51	Dr. Preethi Pandit	BIOREMEDIATION USING MICROBIAL AND PLANT LECTINS - A COMPARATIVE STUDY	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_51_preethi
52	1033	on_pp_52	Keshav Radhakrishnan	Hybrid composites of AgSbSe ₂ /MoS ₂ and AgSbSe ₂ /CuO on carbon fabric for wearable thermoelectric application.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_52_keshav
53	1041	on_pp_53	Dr. Meera R Gumaste	Study of Near Band Edge Emission Spectra and Conductivity Transformation in Fe doped Cadmium Telluride Nanoparticles for the Device Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_53_meera
54	1042	on_pp_54	POONAM	Investigation of half-metallic ferromagnetism in Transition-Metal-Doped Calcium Oxides using mBJ-GGA Approach	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_54_poonam
55	1046	on_pp_55	Ms. Poornima Shetty	Anti-microbial studies on nano-phased Lanthanum doped Nickel ferrites prepared by Citrate gel auto-combustion method	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_55_poornima
56	1048	on_pp_56	Mr. Kalaiarasan Koteswaran	Seebeck-Coefficient of Si Ribbons Evaluated by Kelvin-Probe Force Microscopy	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_56_kalaiarasan
57	1051	on_pp_57	Shriram Radhakanth	Engineering Porous Carbon Nanofibers from Sacrificial Polymers for High-Performance Supercapacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_57_shriram
58	1061	on_pp_58	Mr. RAJESH SAMUI	SnSe nanoparticles-Lysozyme interaction: Study of binding and quenching with energy transfer process	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_58_rajesh
59	1063	on_pp_59	Mohit Shinde	Investigating the Impact of h-BN and Graphite Reinforcement on the Mechanical Properties of Al7075 Alloy.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_59_mohit
60	1065	on_pp_60	Mr. Rajiv G	Development and characterization of single walled carbon nanotubes (SWCNTs) dispersed water borne epoxy (WBEP) coatings with enhanced adhesion and corrosion resistance using EIS techniques.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_60_rajiv
61	1068	on_pp_61	Mr. Pramod Pujari	Comparing different mobility models for TCAD simulation of amorphous Si-Zn-Sn-O Thin Film Transistor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_61_pramod
62	1069	on_pp_62	Ms. SAMRUDDHI CHAUHAN	Ce-decorated Iron Boride-based bifunctional electrocatalyst for enhanced green hydrogen production	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_62_samruddhi
63	1070	on_pp_63	Dr. Pratik M. Pataniya	Binder Free Growth of V-Cu ₂ S 3D-Catalytic Network for Water Electrolysis at Industrial Scale	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_63_pratik
64	1071	on_pp_64	Mr. Maneesh T	Development and experimental investigation of Graphene oxide and Silicon carbide nanoparticles as lubricant additives in modified waste sunflower oil	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_64_maneesh
65	1072	on_pp_65	Ms. Nirosha James	Indium Oxide Decorated Graphitic Carbon Nitride/ Multi-walled Carbon Nanotubes Ternary Composite for Supercapacitor Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_65_nirosha
66	1074	on_pp_66	Ms. Aishwarya Madhuri	Substrate dependent fractal behaviors of Hot Wire Chemical Vapor Deposited Hydrogenated Silicon Thin Films	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_66_aishwarya
67	1075	on_pp_67	Mr. Narender Kumar	Thermoelectric properties of Line-Node Dirac semimetal and Topological Insulating phase in Hexagonal Pnictide CaAgAs	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_67_narender
68	1077	on_pp_68	Mr. Krishna Gopal Mondal	Impedance study of green synthesized silver sulfide nanoparticles	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_68_krishna
69	1078	on_pp_69	Sadhana Matth	Strain effect on the electronic structure and thermoelectric properties of half-Heusler alloy	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_69_sadhana
70	1081	on_pp_70	Mr. VISAKH MOHAN	Commercial feasibility of 2D WS ₂ for supercapacitors: An electrolyte-dependent investigation	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_70_visakh
71	1082	on_pp_71	Unmesha Ray	Metal Particle Modified Silicon Nanowires for the Removal of Textile Dyes from Water	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_71_unmesha
72	1083	on_pp_72	Dr. Hardev Singh	Strain engineering in 2D analog of bulk manganese (III) oxide-Mn ₂ O ₃ and its heterostructure with graphene	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_72_hardev
73	1086	on_pp_73	Mr. ASMIN MK	Investigation on barrier layers of Pt/BT/Pt based thin film capacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_73_asmin
74	1090	on_pp_74	Mr. Muzammil.P	Effect of nitridation temperature on the synthesis of GaN fibers by electrospinning method	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_74_muzammil
75	1093	on_pp_75	Mr. Rakesh B N	Development of Bombyx mori Silk Sericin-AgNPs Nanocomposite Characterizations and Dye Degradation Study	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_75_rakesh
76	1094	on_pp_76	Mr. Sachin Varma U	Mechanical Characterization of PMMA Denture Material using Nanoindentation	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_76_sachin

77	1096	on_pp_77	Yohei Mori	Thin-film graphene/SnS ₂ /g-C ₃ N ₄ heterojunction photocatalyst by CVD method	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_77_yohei
78	1098	on_pp_78	Mrs. Anuja A C	A study of aqueous electrolytes for carbon electrode in supercapacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_78_anuja
79	1104	on_pp_79	Mr. R. Jagadish	Geometrical approach for size optimization in micro/nano textured absorber functional layer to improve photon absorption	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_79_jagadish
80	1105	on_pp_80	Vinodhini Janakiraman	Enhanced Growth of ZnO on Ag fabric for wearable thermoelectric applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_80_vinodhini
81	1107	on_pp_81	Malathi Baskar	A pseudo-double Z-scheme of SnS ₂ /g-C ₃ N ₄ with effective visible-light photocatalytic performance	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_81_malathi
82	1108	on_pp_82	Ms. Ramyaravichandran	EFFECTS OF PMMA/TiO ₂ ON MECHANICAL AND OPTICAL PROPERTY	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_82_ramyaravichandran
83	1109	on_pp_83	Ms. HEERA T NAIR	DFT Study of V-decorated Graphdiyne for Efficient Hydrogen Storage	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_83_heera
84	1112	on_pp_84	Poonam Siwath	Facile synthesis of Copper-doped Na _{0.67} Ni _{0.33} Mn _{0.67} O ₂ nanocomposite as an anode material for Sodium-ion capacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_84_poonam
85	1113	on_pp_85	Ms. Miriam Betty	wearable textile based thermoelectric generator for harvesting low grade heat energy	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_85_miriam
86	1114	on_pp_86	Mr. Vasudha G R	Application of Nanocrystalline Spinel MFe ₂ O ₄ (M = Co and Cu) in waste water treatment	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_86_vasudha
87	1116	on_pp_87	Karunakaran S	Formation of 3-dimensional electrodes for high response and wide range detection of glucose sensors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_87_karunakaran
88	1117	on_pp_88	Ms. Rashmi Kunhiraman	AuAg Bimetallic Nanoparticles: A Promising Catalyst for the Reduction of Hexavalent Chromium and Anionic Dyes	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_88_rashmi
89	1121	on_pp_89	Ms. Dona Kurian	Fabrication of bio-based supercapacitors using agar gel polymer electrolyte	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_89_dona
90	1122	on_pp_90	Ms. Ajeesha Salam	Ameliorative effect of biogenic iron oxide nanoparticles on microplastic stressed Azolla	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_90_ajeesha
91	1123	on_pp_91	Ms. Jishina K	Catalytic Degradation of Organic Dye and Heavy Metal Reduction on Porous Gold Nanostructure	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_91_jishina
92	1125	on_pp_92	Ms. Megha S. Kumar	Sensitive and selective impedimetric detection of E. coli using bacteriophage-immobilized gold electrode	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_92_megha
93	1126	on_pp_93	Mr. Vinod Kumar	Harnessing solar energy for photocatalytic degradation of toxic azo dyes and antibacterial efficacy via Cr-doped α -Fe ₂ O ₃ nanoparticles: Real time monitoring and mechanistic insights	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_93_vinod
94	1129	on_pp_94	Dr. Sanni Kapatel	Highly efficient CuO-Co ₃ O ₄ Heterostructure for Enhanced HER and OER Activity	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_94_sanni
95	1131	on_pp_95	Ms. Nibedita Nayak	Synergistic Photocatalytic Effect of Zn-Doped Co ₃ O ₄ /g-C ₃ N ₄ Nanocomposite for Efficient Removal of Cationic Dyes	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_95_nibedita
96	1132	on_pp_96	Ms. B. Suriya Devi	Electrochemical incorporation of PVA-ZnO nanocomposite on Screen printed Carbon electrode as Dopamine sensor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_96_suriya
97	1134	on_pp_97	Dr Dhanalakshmi C P	Insitu synthesis and characterization studies of nano titanium oxide and its bio medical application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_97_dhanalakshmi
98	1138	on_pp_98	Mr. Debapriya Pradhan	Efficient Solar light induced Photo degradation of anionic Congo Red Dye Utilizing Ce@Co ₃ O ₄ -BiVO ₄ Catalyst: A Sustainable Approach for Wastewater Treatment	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_98_debapriya
99	1155	on_pp_99	Ms. Nibedita Nayak	Photocatalytic Degradation of Cationic Dyes Using Green Synthesized Copper-Doped Cerium Oxide Nanoparticles	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_99_nibedita
100	1157	on_pp_100	Ms. Sakina Mir	Surfactant-facilitated surface functionalized Iron oxide nanoparticles with enhanced antimicrobial, antioxidant and photocatalytic performance	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_100_sakina
101	1165	on_pp_101	Suja Mathai	Tantalum Pentoxide-Poly(Amidoamine) Dendrimer Self-Healing Antibacterial Nanocomposite Coating for Orthopedic Implants	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_101_suja
102	1169	on_pp_102	Abhishek A	structural, vibrational and electrochemical studies of bulk and nano SnSb for supercapacitor application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_102_abhishek
103	1170	on_pp_103	Kalyanavalli V	THERMO-PHYSICAL PROPERTIES AND NDE STUDIES ON BFRC USING LONG PULSE THERMOGRAPHY	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_103_kalyanavalli
104	1181	on_pp_104	Arun Singh	V ₂ O ₅ Nanoribbons for improved Cyclic Stability in Aqueous K ⁺ ions Based Supercapacitor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_104_arun
105	1185	on_pp_105	Gunasekaran Kannan	Epitaxial growth of copper oxide thin film on MgO (001) substrate by dynamic aurora PLD method.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_105_gunasekaran
106	1186	on_pp_106	Mrs. Aparna N	SnS thin films deposited at room temperature – Efficient and reusable dark catalyst for water remediation at ambient conditions	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_106_aparna
107	1190	on_pp_107	Sanghamitra Mohapatra	Facile synthesis and higher supercapacitor performance of Ag ₂ Se nanomaterials	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_107_sanghamitra
108	1191	on_pp_108	Mr. Sudu Hakuruge Wijekoon	Alcohol-Titanium (IV) alkoxides mixtures for TiO ₂ thin film formation	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_108_sudu
109	1197	on_pp_109	Ms. Sreelakshmi Poduval	Catchment Erosion and Degradation study for Pawna-Indryani Sub-basin, Maharashtra – A case study on Integrated Geo-informatics Technology and Remedial measures	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_109_sreelakshmi
110	1204	on_pp_110	G Neelima	The synthesis of precursor for a Hydrogen fuel cell by sol-gel method	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_110_neelima
111	1207	on_pp_111	KUMBAGIRI MADHAVI	An Ab-initio Study of Nickel Nano Clusters for Hazardous Gas Sensor Application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_111_kumbagiri
112	1208	on_pp_112	Surya S	Climate Change Impact on Agriculture for Kiliyar sub basin, Tamilnadu - An integrated study through Geoinformatics Techniques	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_112_surya
113	1212	on_pp_113	Donny Wahlang	Computational Studies of the optical properties of 4-cyano-4-hexylbiphenyl using combined DFT and Molecular Dynamics Simulation	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_113_donny
114	1217	on_pp_114	siva C	Ice bath assisted low temperature synthesis of bismuth ferrite nanoparticles and its sono-pyro catalysis of dyes	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_114_siva
115	1218	on_pp_115	Tamilarasi R	Electrochemical Performance of a V ₂ O ₅ /Co ₃ O ₄ /rGO Nanocomposite for Supercapacitor Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_115_tamilarasi
116	1220	on_pp_116	Mr. Jyothiram Challamalla	Modeling Investigations on Ultra-Fast Capacitive RF MEMS Switch	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_116_jyothiram
117	1221	on_pp_117	Siva C	Ecofriendly synthesis of ternary nanocomposite (Fe ₃ O ₄ /SiO ₂ /Ag) from Nerium oleander leaves for catalytic degradation of environmental pollutants.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_117_siva
118	1228	on_pp_118	Mr. VIJAY S	Structural, electronic, magnetic and other physical properties of 211-MAX phase Cr ₂ TiN with GGA+U approximation.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_118_vijay
119	1229	on_pp_119	Ms. Saumaya Kirti	Novel Hybrid Fe ₃ O ₄ @Mn-MOF-NH ₂ Core-shell MOF as Electrode for Supercapacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_119_saumaya
120	1230	on_pp_120	Dr. Siva Chidambaram	Catalytic cleaning of textile dye effluents with antibacterial deactivation of SnO ₂ /ZnO nanocomposite	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_120_siva
121	1236	on_pp_121	Ms. Arpita Mukherjee	Effect of stacking order in VSe ₂ system – A First Principle approach	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_121_arpita

122	1242	on_pp_122	Mr. MOHAMMAD HABEEB	Development and characterization of carboxylated copper oxide conjugated polymeric nanocomposites and correlating with computational techniques	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_122_mohammad
123	1243	on_pp_123	Ms. Minal Ambarish Bhatt	Ramification of Li-ion array on structural, optical and dielectric properties of vanadium pentoxide for energy-efficient material	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_123_minal
124	1248	on_pp_124	Dr. Shobana K	Biogenic synthesis and antimicrobial activity of silica-coated silver nanoparticles against cariogenic microorganisms.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_124_shobana
125	1250	on_pp_125	Mrs. Sindhu S	Formulation and characterization of 5-Fluorouracil Loaded Caseinate Nanoparticles for Drug Delivery	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_125_sindhu
126	197	on_pp_126	Mr. Kamesh S	Incorporation of f-MWCNTs with ZnCo2O4 nanoparticles as an effective counter electrode for Dye-Sensitized solar cell (DSSC) application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_126_kamesh
127	652	on_pp_127	Ms. Resma KK	ESTIMATION OF SWITCHING AND CONDUCTION LOSSES OF 10 kW SiC BASED T-TYPE THREE-PHASE INVERTER FOR V2G AND G2V APPLICATION	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_127_resma
128	921	on_pp_128	Ms. J VINODHINI	Thermoelectric properties of Ag2S/Ag2Se composite growth on carbon fabric for wearable thermoelectric application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_128_vinodhini
129	1164	on_pp_129	Mukesh Chandra	Synthesis of ferrite and garnet nanoparticles for spintronics applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_129_mukesh
130	1184	on_pp_130	Santosh Palmoor	Effect of Naturally Derived Nano Hydroxyapatite Synthesized by Microwave and Precipitation methods on Surface Hardness of Human Dentin - An In Vitro Study	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_130_santosh
131	1246	on_pp_131	Mr. SUNIL KUMAR V	Experimental and Theoretical Characterization of 1,3-Diphenyl-3-(phenylsulfonyl)propan-1-one	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_131_sunil
132	1275	on_pp_132	Tapas Sahoo	A comparative study of the adsorption of Congo Red & Eriochrome Black T dyes by Impatiens Balsam leaf extract mediated biosynthesized Cerium Oxide nanoparticles	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_132_tapas
133	1276	on_pp_133	Sujatha Venkatappan	Remineralization Potential of Egg Shell Derived Nano Hydroxyapatite incorporated with Niobium Pentoxide on Demineralized Dentin	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_133_sujatha
134	1281	on_pp_134	KOMALA CHINNAM	Influence of rare earth ion substitution on structural, optical properties of Bi0.9R0.1Fe0.9Sc0.1O3 (R = La and Ho) ceramics	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_134_komala
135	538	on_pp_135	Ms. Abhivyakti	Tri-metallic Co/Zn/Ni-ZIF mediated synthesis of nitrogen doped S-scheme heterostructure for the detection and photocatalytic removal of persistent pollutants	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_135_abhivyakti
136	228	on_pp_136	Ms. Beena S	Exploring the Utilization of Morton Fractals in Micro-Supercapacitor Design: A Simulation Study	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_136_beena
137	237	on_pp_137	Mr. Anand Kumar	Study of field emission properties as a function of length of silicon nanowire prepared by MACE method	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_137_anand
138	452	on_pp_138	Ms. Kalyani Mane	Synthesis of Fulevene-Based Ligands and Their Complexes for Investigating Diverse Applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_138_kalyani
139	582	on_pp_139	Mr. Gunasekaran	Enhanced catalytic performance of NiO nanosheets by the substitution of Co2+ ions for dye-sensitized solar cells application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_139_gunasekaran
140	904	on_pp_140	Mrs. Mitty George	Effect Of Size Of Rod Shaped Zinc Oxide Particles On The Random Lasing Action Of A Weakly Scattering System	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_140_mitty
141	994	on_pp_141	Ms. SHALINI VISWANATHAN	Red graphitic carbon nitride embedded floating photocatalyst for simultaneous removal of binary water pollutants	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_141_shalini
142	1057	on_pp_142	Paramesh Gadige	Bioactive behavior of TiO2-modified 1393-B3 Borate Glasses	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_142_paramesh
143	1076	on_pp_143	Bibhu Swain	Electrochemical and Optoelectronic Properties of Magnetron Sputtered Deposited TiN:C films	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_143_bibhu
144	1192	on_pp_144	Dr. Ibrahim Yakoopali	A Novel Eco-Friendly Treatment: Removal of Colour from Cottage Dyeing Effluent by Natural Coagulation cum Adsorption Process	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_144_ibrahim
145	1202	on_pp_145	Dr. KALPATARU PANDA	Direct Observation of Nanometer Scale Electron Emission Sites in Metal ion implanted/annealed Ultrananocrystalline Diamond Films by Scanning Probe Microscopy	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_145_kalpataru
146	1224	on_pp_146	Dr. Shafeer Ahamed N S	Characterisation, Adsorption and Kinetics studies: Treatment of Textile Dyeing Effluent by novel natural Coagulation cum Adsorption Process	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_146_shafeer
147	1233	on_pp_147	Ms. Sanjibani Panda	Exploring Allium Cepa as a New Surface Passivating Agent for Synthesis of CdS QD's: From Green synthesis to Highly Fluorescent Molecular Probe	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_147_sanjibani
148	1257	on_pp_148	Mr. GOWRI MANOHAR R	Tribological properties of Laser Surface Textured Tools during Dry Machining of Aluminium Alloy AA2024	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_148_gowri
149	1267	on_pp_149	KOUSIK PRADHAN	Zinc Ferrite Nanoparticles as Electrode Material for Supercapacitor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_149_kousik
150	1270	on_pp_150	Sherin Shibi	MAML-based Meta-Learning for Nanomaterial Classification in Transmission Electron Microscopy Images	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_150_sherin
151	1276	on_pp_151	Sujatha Venkatappan	Remineralization Potential of Egg Shell Derived Nano Hydroxyapatite incorporated with Niobium Pentoxide on Demineralized Dentin	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_151_sujatha
152	1278	on_pp_152	UMISHA SINGH	High-Performance α -Fe2O3 Nano Cubes as a negative and NiO as a positive electrode material for Supercapacitor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_152_umisha
153	1297	on_pp_153	Mr. Thanigaivelraja Mohandoss	Emergent Material and Conventional Materials: A Comparison of the Electro-Thermal Characteristics of Relay Electrical Contact Surface Interfaces	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_153_thanigaivelraja
154	1298	on_pp_154	Arumugam Keerthivasan	Wealth out of Waste - A novel modified GIC	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_154_arumugam
155	1303	on_pp_155	Nayantara GS	Effect of Mussel inspired Amorphous Calcium Phosphate Complex on Dentin Bio-remineralization	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_155_nayantara
156	1136	on_pp_156	Fauzi Hussin	Seebeck Coefficient Characterization Technique under Oscillated Temperature Difference	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_156_fauzi
157	1239	on_pp_157	Mr. Vivekananthan Sadaiyandi	Biocompatible Nanofibers Loaded with Papaya Seed Essential Oil as an Antibacterial Wound Dressing Material	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_157_vivekananthan
158	1295	on_pp_158	Sharmila S	High-Performing Au doped PtCo Nanoparticles for Oxygen Reduction Reaction	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_158_sharmila
159	275	on_pp_159	Dr. Mohamed Jibri K P	Charge transport and spin state blockade in electron (Hf) doped strongly correlated Mott insulator LaCoO3	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_159_mohamed
160	532	on_pp_160	Mr. K. Sathiyamoorthy	Visible-light-driven efficient catalyst of LaCoO3/NiS2 nanocomposite as reusable photocatalyst for removal of organic dye pollutants	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_160_sathiyamoorthy
161	571	on_pp_161	Mr. Simon Sajan John	Evaluating the enhancement in thermoelectric properties of Co-doped MoS2 for mid-temperature applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_161_simon
162	719	on_pp_162	Mr. S.Viavakumar	Improving DSSC Efficiency Using a Highly Active MoO3/MoS2-rGO Composite as a Pt-Free Counter Electrode	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_162_viabavakumar
163	743	on_pp_163	Ms. Priyadarshini. S	Carrier and phonon transport properties of Ge and Ag co-doped p-type Mg3Sb2 nanostructure for thermoelectric application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgijl3-i-CWwKpyOReoM6jJvtXPtw	#on_pp_163_priyadarshini

164	753	on_pp_164	Ms. Saranya V	Ag decorated CoNi@CN metal-organic framework as cost-effective platinum-free efficient counter electrodes for dye-sensitized solar cells	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_164_saranya
165	772	on_pp_165	Mr. Kanchan Kumar D	Optimizing NO2 gas sensor performance: Investigating the influence of Cobalt doping on WO3 recovery kinetics for enhanced gas sensing application.	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_165_kanchan
166	787	on_pp_166	Ms. Abimaheshwari R	Fabrication of nanostructured ZnSe/PANI composites for NO2 sensing application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_166_abimaheshwari
167	799	on_pp_167	Ms. Pavithra Muruges	Room temperature NO2 sensing via Co3O4/ZnO heterojunctions	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_167_pavithra
168	1030	on_pp_168	Ms. Archana C	Realization of low potential barrier in MoS2/rGO heterojunction with enhanced electrical conductivity for thin film thermoelectric applications	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_168_archana
169	1044	on_pp_169	Mr. Suresh Prasanna C	Delving the effect of interface in thermoelectric properties of Ag2S decorated MoS2 on carbon fabric for wearable thermoelectric application	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_169_suresh
170	1047	on_pp_170	Mrs. P. Bharathi	Chemiresistive SnS2/SnO2 heterostructures for enhanced room temperature NO2 gas sensor	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_170_bharathi
171	1102	on_pp_171	Ms. Anjali Krishna A A	CoNi@CN metal-organic framework as cost-effective platinum-free efficient counter electrodes for dye-sensitized solar cells	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_171_anjali
172	1178	on_pp_172	Aysha Parveen R	Highly responsive detection of NO2 at low operating temperature via Al-modified MoO3 nanorods	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_172_aysha
173	1214	on_pp_173	Prakash K	Efficient engineering of ultrathin Cu-doped MoS2 nanosheets with activated carbon hybrid electrode materials for high performance supercapacitors	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_173_prakash
174	1260	on_pp_174	Mrs. Abinaya Rengarajan	Thermoelectric transports in chemical-free fabricated non-periodic MoS2 Holey structure	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_174_abinaya
175	472	on_pp_175	Govind Vangari,	Highly sensitive NO2 gas-sensor for enhanced selectivity by nanoporous CuO@ZnO heterostructures	AFMD-2024	https://join.slack.com/t/afmd-srmist/shared_invite/zt-2crgjil3-i-CWwKpvOReoM6jJvtXPtw	#on_pp_175_govind