

9. PHYSICAL SCIENCE

ORAL PRESENTATION

Sl. No.	Reg No.	Title
1	12750	Assessment of natural radioactivity levels in rocks of kuthiran tunnel and hills Kerala india.
2	14133	Charge radii of thorium nuclei lying between the drip lines
3	15356	A simulation study on enhanced electromagnetic interference shielding in multilayered composites
4	15491	Luminescent polymer composite film made of glucose derived carbon dots embedded into polyvinyl alcohol matrix for the detection of Pb ²⁺ in water
5	15492	Solid polymer electrolyte (spe) films based on PEO-PVDF-LiNO ₃ -Al ₂ O ₃ for the development of next generation all solid-state Li-ion cells
6	15521	On-demand assembly of Au NPs over solid surfaces from sessile droplets by thermoplasmonically-controlled liquid flow
7	15553	Electrochemical detection of imidacloprid using MoS ₂ nanowire cluster modified electrodes
8	15651	Facile, low-cost hydrothermal synthesis of plasmonic Ag/β-Ga ₂ O ₃ nanohybrids with enhanced UV-Vis-NIR absorption - a promising candidate for solar-powered environmental remediation and fuel production.
9	15704	Energy efficient WO _{3-x} thin films by RF magnetron sputtering for NIR shielding application
10	15741	Molybdenum disulfide nanosheets for efficient electrocatalytic hydrogen evolution reaction
11	15746	The main radioactive decay modes of super heavy nuclei 290 120
12	15789	Dual functional exciplex with a simple device design for blue, yellow and white organic light emitting diodes
13	15797	Effect of Co and Ni dopant on boosting the thermoelectric properties of CuO for heat energy harvest
14	15798	Room temperature ammonia sensors using morphology-controlled organic field-effect transistors
15	15812	Modelling the knot emissions of active galactic nuclei jets
16	15880	Design and performance analysis of flexible organic thermoelectric generator

POSTER PRESENTATION

Sl. No.	Reg No.	Title
1	13216	Unravelling phonon assisted thermographic response in Eu ³⁺ activated Sr ₂ NaMg ₂ V ₃ O ₁₂ for dualmode temperature sensing
2	13678	High-frequency emi shielding and microwave absorption in mayenite electride (C ₁₂ A ₇ :e ⁻) with the smallest anions, induced porosity and graphene interfaces
3	13966	Study of central light distribution in nearby early type galaxies hosting nuclear star clusters
4	14125	Novel ways to access lower energy levels in GaAsBi quantum well pin diode
5	15154	Hydrothermally synthesized van der waal layered structure of 2D Ws ₂ for Tft application
6	15422	Synthesis and characterization of mn-doped mos ₂ for electrochemical sensing of folic acid
7	15493	Copper oxide doped polyaniline as a bifunctional interlayer for performance enrichment of Li-s cell
8	15503	Improved optical limiting property of carbon wrapped zinc sulfide core-shell nanostructures
9	15627	Nd: YAG laser ablated non-hazardous platinum-gold alloy nanoparticles for catalytic degradation of methylene blue dye.
10	15667	All-optical diode action from nonlinear photonic crystal-metal hybrid structure
11	15713	Monte carlo simulation and validation of beam characteristics of 10mv flattening-filter-free photon beam of truebeam® medical linear accelerator
12	15723	Modification of optical and structural properties of pcd deposited znse nanostructured thin films
13	15740	Pairing correlations in the isotopes of cobalt in the light of hartree-fock-bogoliubov theory
14	15773	Two proton decay of ¹⁹ mg ²² si ²⁶ s ³⁰ ar isotopes
15	15827	Liquid-liquid interface decorated with self-assembled au nps array as an optofluidic modulator
16	15896	Elucidating the multifunctionality of NaGdMgTeo ₆ :Eu ³⁺ Double Perovskite in Ratiometric thermometry and solid-state lighting