

National Research Conference and Kerala Higher Education Expo 2026

List of Poster Presentations selected for 'Best Poster Presentation Award'

10/02/2026

Theme	Poster Code number	Name of the participants	Title of the presentation
Biological Sciences	201	Aparna G Kumar	An Amphiphilic Collagen-Based Hydrogel with Antimicrobial Activity for Enhanced Wound Repair
	206	Unnikrishnan B, Aleetta Selestine, Keethedeth, Suman Sreedharan et. al.	Effectiveness of nanoengineered varnish against Streptococcus mutans induced dental caries
	203	Jacqueline Joe, Teena Merlin, Indu C Nair	Characterization of Exopolysaccharide from a Bacterial source

Theme	Poster Code number	Name of the participants	Title of the presentation
Chemical Sciences	320	Jithu Joseph, Mary Gladis J	Development of durable Zn-ion Hybrid capacitors through optimized electrode- electrolyte Synergy
	310	Gopika S	Development of A Fluorescence- Based Non-Enzymatic Cholesterol Sensor Utilizing Tyrosine Gold Nanocluster
	305	Vidhya K V, Simi Pushpan K	A Green and Scalable Aqueous Strategy for the Scramble-Free Synthesis of Unhindered meso-Aryl trans-A ₂ B ₂ Porphyrins
	308	Arun John	Engineering of N-Doped Carbon Dots as a One-Drop Smart Nanomaterial as Real- Time Dual-Mode pH Sensor for Industrial and Biomedical Applications
	316	Atul Chitra KR, N Gomathi	MOF based adsorbents for CO ₂ Mitigation and Dye removal from wastewater.

Theme	Poster Code number	Name of the participants	Title of the presentation
Commerce and Management	407	Harikrishnan A P, Shyni A	Towards a Sustainable Coastal Tourism Model: Lessons from Kerala
	406	Jeffy James	Tourism-Led Development: Agri- Tourism's Contribution for Sustainable Tourism Development in Kerala Economy
	401	Remya Ann Zachariah	Customer Awareness of Insurance Products
	402	Devikrishna K R	Financial Self-Efficacy of Women in Kerala: A Secondary Data Analysis

Theme	Poster Code number	Name of the participants	Title of the presentation
Engineering, Science and Technology	503	Angel B John	Authorship Attribution of Malayalam Literary Works using Transformer Models and Transfer Learning
	504	Manikandan H, Haris P A, Rajeesh R Pillai, Muhasin K M, Monhash T, Bijesh Paul	Beyond Compliance: Psychological Safety and Power Dynamics as Enablers of Inclusive, Liberty-Centric Behaviour-Based Safety Engineering
	516	Ajin Reji, Alvin John, Varghese, Muhammed Anas S, Nikhitha Rajeev	Future of Charging for EVs and IoT Devices Without Cables
	518	Jency Stanly	Hybrid Bivariate Beta-Based Models for Discrete Count Data with Applications
	529	Gourinanda Sinoj, Irfana Rahim, Anaina Binoy, Jyothika P	Sign to Speak

Theme	Poster Code number	Name of the participants	Title of the presentation
	617	Meenakshi Jayan, Ashima Anil, Anna Mohan, Alin Mariya Saji	Hemosecure

Health and Allied Sciences	605	Shyma S Mohan, Dr Jyothi H	The Invisible Transition: A Systematic Review of How Menopause Shapes the Modern Workforce
	602	Savitha Jose	Determinants of Metabolic Syndrome Among Adults Attending Health Check Up Clinics in Two Sub Urban Medical Facilities of Southern Kerala
Theme	Poster Code number	Name of the participants	Title of the presentation
Physical Sciences	722	Christeena Thomas, Reshmi R, Sreeja S	Hybrid IT/2H Mos2 nanostructures as an efficient platform for Dual- Analyte Electrochemical sensing
	708	Geethika Santhosh	Probing star formation outside galaxies using UVIT on board AstroSat
	702	Aswathy M, Mini Krishna K, Rachana R, Shamsiya V N, Veena Gopalan E	A Comparative Study on the Structural and Optical Response of Synthetic and Green carbon Dots
	724	Saranya Sasi	Enhanced photodegradation of methylene blue dye using Mn doped MoS, nanoflowers
	736	Rachana R	Efficient Dye Degradation Using Sol- Gel Derived LaFeO ₃ Nanoperouskites

Theme	Poster Code number	Name of the participants	Title of the presentation
Social Sciences	802	Anu J Vengal	Green Environment Practices in Secondary Schools of Kerala: A Critical Study