

37th Kerala Science Congress: Best Poster Presentation (Student and Scientist Category)

01. AGRICULTURE AND FOOD SCIENCE			
Sl No	Name	Category	Title
1	Shree Naveena P Department of Entomology, College of Agriculture, Vellayani, Trivandrum	STUDENT	BIOPRIMING WITH <i>LECANICILLIUM SAKSENAE</i>: UNLOCKING RICE YIELD POTENTIAL
2	Thulasi V Regional Agricultural Research Station, Pattambi	SCIENTIST	FERTILIZERS VS. ORGANIC MANURES IN RELATION TO CROP PRODUCTIVITY, SOIL HEALTH AND CARBON SEQUESTRATION- LESSONS FROM LONG TERM EXPERIMENTS
02. BIOTECHNOLOGY			
1	Rudra Samson Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Kerala	STUDENT	DECIPHERING THE BINDING INTERACTIONS AND ALLOSTERIC MODULATION OF $\alpha 7$ NICOTINIC ACETYLCHOLINE RECEPTOR BY CURCUMIN.
2	Sreedevi C D Forest Genetics and Biotechnology Division KSCSTE-Kerala Forest Research Institute	SCIENTIST	WORKFLOW TO EXPLORE THE ROLE OF EPIGENETIC MODIFICATIONS IN THE FLOWERING PROCESS

3. CHEMICAL SCIENCES			
1	Linda Maria Varghese School of Chemical Sciences, Mahatma Gandhi University, Kottayam, Kerala, India.	STUDENT	CsPbBr₃ DECORATED MoS₂ HYBRID NANOSHEETS FOR PHOTOELECTRIC APPLICATIONS
2	Leemol Roy CMS (Autonomous) college ,Kottayam,Kerala	SCIENTIST	INVESTIGATING THE MOLECULAR MECHANISM OF IRON-CATALYZED SONOGASHIRA CROSS-COUPLING REACTION
04. EARTH & PLANETARY SCIENCES			
1	Abhinav Kumar Shukla National Centre for Earth Science Studies (MoES, Govt. of India), Thiruvananthapuram 695011	STUDENT	SPATIAL AND TEMPORAL DYNAMICS OF CLOUD-TO-GROUND AND INTRA-CLOUD LIGHTNING IN SOUTHERN INDIA
2	Anakha P Nair Institute for Climate Change Studies, Kottayam, Kerala (KSCSTE-ICCS)	SCIENTIST	EXPLORING OCEAN-ATMOSPHERE DYNAMICS DURING SWELL SURGE EVENT ALONG THE KERALA COAST

05. ENGINEERING & TECHNOLOGY			
1	Avinash J S Government Engineering College Barton Hill, Trivandrum	STUDENT	WHEEL CHAIR PATIENT HOIST.
2	M S Saran KSCSTE - NATPAC, Thiruvananthapuram, Kerala, India	SCIENTIST	MOBILE APP FOR REAL-TIME ROAD DATA COLLECTION AND DISSEMINATION
06. ENVIRONMENTAL SCIENCE			
1	Sandhya ES Dept. of Marine Biology, Microbiology and Biochemistry School of Marine Sciences, CUSAT	STUDENT	QUANTIFICATION AND CHARACTERIZATION OF MICROPLASTICS IN THE BIOTURBATING FIDDLER CRAB <i>AUSTRUCA ANNULIPES</i> (H. MILNE EDWARDS, 1837) AND SEDIMENT FROM THE TROPICAL MANGROVE ECOSYSTEM
2	Aswin S Warriar CSIR-National Institute for Interdisciplinary Science & Technology, Trivandrum 695019, Kerala	SCIENTIST	DEVELOPING A CASEIN-BASED GEL FOR ENHANCED 3D PRINTABILITY

07. FISHERIES & VETERINARY SCIENCES			
1	Deepika Roy K A Department of Veterinary Public Health, College of Veterinary and Animal Sciences, Pookode, Kerala Veterinary and Animal Sciences University, Wayanad- 673 576.	STUDENT	EVALUATION OF ALGINATE- FILM LOADED WITH CINNAMALDEHYDE-ENTRAPPED GREEN SYNTHESISED SILVER/ZINC OXIDE NANOCOMPOSITES FOR CHICKEN BREAST MEAT PACKAGING
2	Preethy John College of Veterinary and Animal Sciences, Mannuthy, Kerala Veterinary and Animal Sciences University	SCIENTIST	<i>IN-VITRO</i> ANTINEOPLASTIC ACTIVITY OF PIPERLONGUMINE-SYNTHESISED SILVER NANOPARTICLES
08. FORESTRY & WILDLIFE			
1	Kanchan ¹ Department of Forest Resource Management, Kerala Agricultural University, Vellanikkara, Thrissur	STUDENT	Soil Metamorphosis: Mapping Ecological Transitions in Agricultural Ecosystems
2	Suresh K. Govind Assistant Professor, Department of Psychology, Christ College (Autonomous), Irinjalakuda	SCIENTIST	FEEDING OF INDIAN GIANT SQUIRREL <i>RATUFA INDICA MAXIMA</i> (SCHREBER, 1784) ON COCONUTS (<i>COCOS NUCIFERA</i>) IN KERALA, INDIA

09. HEALTH SCIENCE			
1	Jimna Mohamed Ameer <i>Cell Biology Laboratory, Centre for Development and Aging Research, Inter-University Centre for Biomedical Research and Super Speciality Hospital, Mahatma Gandhi University Campus at Thalappady, Kottayam</i>	STUDENT	MITOCHONDRIAL DYSFUNCTION DRIVES LYSOSOMAL DEFICITS THROUGH PARKIN-SNX9 DEPENDENT VESICULAR TRAFFICKING
2	Saritha Francis Laboratory for Computational and Structural Biology, Jubilee Centre for Medical Research, Thrissur, Kerala	SCIENTIST	MOLECULAR CHARACTERIZATION OF FH MISSENSE VARIANTS IN UTERINE LEIOMYOMAS: FROM STRUCTURAL DISRUPTION TO PATHOGENESIS
10. LIFE SCIENCES			
1	Neethu E ¹ Department of Biochemistry, Amala Cancer Research Centre, Thrissur	STUDENT	NON-METASTATIC TO METASTATIC PROGRESSION OF BREAST CANCER CELLS THROUGH ACQUIRED RESISTANCE TO DOXORUBICIN
2	Dr Salini K National Centre for Aquatic Animal Health, Cochin University of Science and Technology, Kochi	SCIENTIST	DEVELOPMENT OF 3 DIMENSIONAL CULTURE OF SHRIMP FUSION CELL LINE ‘PmLyO-Sf9’ [3D- PmLyO-Sf9] AS A PROMISING TOOL TO CONTROL VIRAL DISEASES IN SHRIMP

11. MATHEMATICAL & STATISTICAL SCIENCES			
	Bhanu Kumar School of Digital Sciences, Kerala University of Digital Sciences, Innovation and Technology, Thiruvananthapuram, Kerala, India	STUDENT	A RENEWABLE ENERGY PORTFOLIO FOR SUSTAINABLE HYDROGEN PRODUCTION
12. PHYSICAL SCIENCES			
1	Anu M A Centre for Advanced Materials Research, Department of Physics, Government College for Women, University of Kerala, Thiruvananthapuram	STUDENT	Ti₃C₂T_x MXENE-ACTIVATED CARBON SYNERGIES: UNLOCKING NEW POTENTIALS IN ENERGY STORAGE DEVICES
2	Laya Krishnan M Department of Physics, Cochin University of Science and Technology, Kochi	SCIENTIST	Effect of AgNO₃ Concentration on White Light Tuning in Bismuth Silicate Glasses
13. SCIENTIFIC SOCIAL RESPONSIBILITY			
1	Rajesh Pg ¹ Indian Institute of Technology Bombay, Powai, Mumbai, India	STUDENT	Alzheimer's may challenge memory, but the ability to see joy in a happy face stands strong
2	Nimisha R Nair Atomic Biotech Solutions, Pvt. Ltd, Balaramapuram, Thiruvananthapuram	SCIENTIST	Prevalence and Spread of Antimicrobial Resistance in Agriculture Soils and Aquaculture Systems