

List of Best Paper Awardees-33rd KSC

No.	Reg. No.	Name & Affiliation	Title of the Paper
01- Agriculture & Food Sciences			
Student			
1.	15300	Elizabeth T. Jojy Department of Plant Pathology, College of Agriculture, Vellayani (Kerala Agricultural University), TVM	<i>Piriformospora indica</i> enhances early seed germination and growth in vegetable crops
Scientist/Academician			
2.	15197	Dr. Merlin Lopus Community Agro Biodiversity Centre-MSSRF Wayanad- 673 577	Immunity Enhancement through Traditional Rice Varieties
02-Biotechnology			
Student			
3.	11158	Swetha M Division of Cancer Research, Rajiv Gandhi Centre for Biotechnology, TVM -695014	Inhibition of Autophagy Potentiates the Anti-Tumor Efficacy of Uttroside B in Hepatocellular Carcinoma
Scientist/Academician			
4.	15171	Riya Ann Paul Neuro-Stem Cell Biology Lab Rajiv Gandhi Center For Biotechnology, Trivandrum - 695014	Recapitulating Developmental Cues of Neural Stem Cells into Cancer Stem Cell Maintenance: Is Pleiotropic Hes-1 Responsible?
03- Chemical Sciences			
Student			
5.	15345	Swathy S Department of Applied Chemistry, Cochin University of Science and Technology	Sensing of 5- Hydroxyindoleacetic Acid Based on Aggregation Induced Emission Enhancement of Thioglycolic Acid-Capped Cadmium Sulphide Quantum Dots
Scientist/Academician			
6.	15228	Dr. Soumya Salas Department of Chemistry St. Albert's College, Ernakulam- 682018	Polyether Marocyclic Polyketide from the Muricid Gastropod <i>Chicoreus Ramosus</i> -A Prospective Bioactive Lead against Inflammation.
04-Earth and Planetary Sciences			
Student			
7.	15386	Sisma Samuel Space Physics Laboratory Vikram Sarabhai Space Centre	Seasonal variability of Deep Convective Clouds Over the Tropical Region using

		Trivandrum-695022	SAPHIR/Megha-Tropiques
Scientist/Academician			
8.	15354	Dr. Renju R Space Physics Laboratory, VSSC, ISRO, Trivandrum- 695022	Millimeter/ Submillimeter wave radiometry for studying planetary atmospheres
05-Engineering & Technology			
Student			
9.	15112	Arjun Ajith Mohan Nanoscience Research Laboratory, School of Materials Science and Engineering, NIT Calicut.	A 3D Printed Low Volume Hybrid Enzyme Fuel Cell for Low Power Applications
Scientist/Academician			
10.	10330	Jasmin Godwin Russel Environmental Technology Division, CSIR - NIIST, Thiruvananthapuram - 19	Perchlorate Remediation in a Bench Scale Bio-Barrier System
06-Environmental Sciences, Forestry & Wildlife			
Student			
11.	10008	Nimsi K A School of Ocean Science and Technology, Kerala University of Fisheries and Ocean Studies Panangad, Kerala	Carotenoid Pigments from Marine Yeasts and their Varied Applications
Scientist/Academician			
12.	15315	Sarath G Nair Plant Physiology and Biochemistry Division, Department of Botany, University of Calicut, C.U. Campus P.O. Kerala	Differential response of Arsenic in <i>Acanthus ilicifolius</i> L.
07-Fisheries & Veterinary Sciences			
Student			
13.	15314	Chaithra G Department of Veterinary Microbiology, College of Veterinary and Animal Sciences Pookode, Kerala Veterinary and Animal Sciences University Wayanad, Kerala - 673 576	Development and Validation of Taqman Probe Based Real-Time Reverse Transcriptase Polymerase Chain Reaction for Detection of Porcine Reproductive and Respiratory Syndrome Virus
Scientist/Academician			
14.	10898	Chintu Ravishankar Department of Veterinary Microbiology, College of Veterinary and Animal Sciences Kerala Veterinary and Animal	Analysis of E2 Glycoprotein Gene of <i>Classical Swine Fever Virus</i> Prevalent in Kerala from 2009 to 2020

		Sciences University, Wayanad-673 576	
08-Health Sciences			
Student			
15.	10135	Manjula P M Division of Experimental Pathology, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum	A Modified Porcine Cholecystic Extracellular Matrix Scaffold for Diabetic Wound Healing Application
16.	15271	Shanaz S Sharaf Division of Cancer Research Rajiv Gandhi Centre for Biotechnology, Trivandrum-695011	Multiplexed IHC Provides Comprehensive Prognostic Information of Breast Carcinoma
Scientist/Academician			
17.	15310	Joseph Vimal Divisions of Cancer Research Regional Cancer Centre Thiruvananthapuram	Utilization of Oral Fluid Metabolites As Diagnostic and Prognostic Markers In Oral Tongue Cancer
09-Life Sciences			
Student			
18.	15174	Shimsa S Department of Biochemistry University of Kerala Thiruvananthapuram	Syringic Acid Alleviates Oxidative Stress and Apoptosis in the Pancreas of Streptozotocin Induced Diabetic Rats
Scientist/Academician			
19.	15241	S Suresh Division of Conservation Biology Jawaharlal Nehru Tropical Botanic Garden and Research Institute TVM 695 562.	Forest Gaps and Regeneration of <i>Cullenia Exarillata</i> : A Case Study in the Forest Ecosystem of Silent Valley in the Western Ghats, India
10-Mathematical & Statistical Sciences			
Student			
20.	15201	Renjini A Department of Optoelectronics University of Kerala, Trivandrum- 695581	Wavelet and Phase Portrait as Potential Mathematical Tools for High Fidelity Feature Extraction and Classification of Cough Sounds: A Machine Learning Approach
Scientist/Academician			
21.	15226	Sreedevi E P SNGS College, Pattambi	Statistical methods for estimating cure fraction of Covid-19 patients in India
11-Physical Sciences			
Student			
22.	15356	Athira Rajan Department of Physics,	Cold Sintered Strontium Hexaferrite - Lithium

		University of Kerala, Thiruvananthapuram- 695581	Molybdate Towards Applications	Composites Microwave
Scientist/Academician				
23.	15218	Akhil Thomas Panicker Research Scholar Dept. of Physics, CUSAT	Proximity Distance in Spatial Epidemic	
12- Scientific Social Responsibility				
Student				
24.	15252	Deepthi Anna David Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology (CUSAT)-682022	Non-Woven Polypropylene- Nitrile Rubber Blend: A Novel Method for the Recycling of Medical Face Mask to an Engineering Product	

List of Best Poster Awardees-33rd KSC

No.	Reg. No.	Name & Affiliation	Title of the Paper
01-Agriculture& Food Sciences			
Student			
1.	15321	Sinijadas K Department of Plant Pathology, College of Agriculture (Kerala Agricultural University), Vellayani, Thiruvananthapuram - 695 522.	<i>Piriformospora indica</i> helps in establishment of tissue cultured banana plantlets with enhanced growth and tolerance to <i>Fusarium</i> wilt
02-Biotechnology			
Student			
2.	15339	J. Keerthi Sugathan Saraswathy Thangavelu Centre of KSCSTE-JNTBGRI, A Research Centre of University of Kerala, Puthenthope, Thiruvananthapuram- 695586	<i>In silico</i> evaluation of anti-SARS- CoV-2 activity in <i>Aegle marmelos</i>
Scientist/Academician			
3.	13194	Suryalekshmi V A Environmental Technology Division, CSIR - NIIST Thiruvananthapuram - 19	Development of a Microbial System for Controlling Quorum Sensing Mediated Biofilm Formation.
03- Chemical Sciences			
Student			
4.	13314	Sanu K Anand Department of Applied Chemistry Cochin University of Science and Technology, Kochi- 22	Determination of Biliverdin and Bilirubin- A Dual Channel Optical Sensing Strategy
Scientist/Academician			
5.	12796	Nithya Mohan Department of Applied Chemistry, Cochin University of Science and Technology, Kochi- 22	DNA Binding, Cleavage and Docking by Cu(II) Salen Complexes: Factors Affecting Bioactivity
04-Earth and Planetary Sciences			
Student			
6.	15268	Saranya R Chandran Department of Geology, University of Kerala, Thiruvananthapuram 695581	Basement Deep Lonar Impact Event: Evidence from Impact- Melt Bearing Rock
Scientist/Academician			
7.	15210	Shania James Dept. of Geology, University of Kerala, Thiruvananthapuram 695581	Reconstructing the Paleo- Positions of Gondwanian Impact Craters

05-Engineering & Technology			
Student			
8.	10841	Abitha V K School of Chemical Sciences, Mahatma Gandhi University Kottayam, Kerala, India	Morphology Driven Distribution of Carbon Black in Natural Rubber/Butadiene Rubber Blend Composites
Scientist/Academician			
9.	15319	Anila P V Cochin University of Science and Technology, Cochin-22	Compact Uni-Planar Asymmetric Single Split Meta- Resonator for 5G Applications
06-Environmental Sciences, Forestry & Wildlife			
Student			
10.	15237	Kanagaraj R KSCSTE-Kerala Forest Research Institute, Peechi- 680 653	Preliminary studies on sustainable harvesting of <i>Persea macrantha</i> (Nees) Kosterm. - A jigat species of South India
Scientist/Academician			
11.	10486	P.A. Jose KSCSTE- Kerala Forest Research Institute, Peechi- 680 653	A Study on Woody Plants Endemic To Kerala: Taxonomy, Distribution and Population Ecological Information for Conservation and Management
07-Fisheries & Veterinary Sciences			
Student			
12.	15246	Riyas A Department of Aquatic Biology and Fisheries, University of Kerala, Kariavattom, Thiruvananthapuram 695581	Venom Proteomics of Three Common Scyphozoan Jellyfishes (<i>Chrysaora Caliparea</i> , <i>Cyanea Nozakii</i> and <i>Lychnorhiza Malayensis</i>) from the Kerala Coast
Scientist/Academician			
13.	15401	Marykutty Thomas Centre for Advanced Studies in Animal Genetics and Breeding, College of Veterinary and Animal Sciences, Mannuthy Thrissur - 680561	Application of Single Nucleotide Polymorphism Markers as Potential Tools for Breed Genetic Traceability of Attappady Black Goats
08-Health Sciences			
Student			
14.	14030	Lekshmy Krishnan S Agroprocessing and Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology Thiruvananthapuram-695019	Investigation of Anti-Diabetic Potential of Resveratrol Tetramer Isolated from <i>Hopea ponga</i> - A Mechanistic Approach
Scientist/Academician			
15.	10205	Dr Vineetha R C	Cytogenetic Profile of De Novo

		Laboratory of Cytogenetics and Molecular Diagnostics, RCC, TVM	Acute Lymphoblastic Leukemia in Adults: Identification of Novel Chromosomal Aberrations
09-Life Sciences			
Student			
16.	15341	Reshmadas M Phytochemistry and Phytopharmacology Division KSCSTE-JNTBGRI, Palode Thiruvananthapuram	Role of Alcohol Based Sanitizers in Pandemics- Composition and Analysis
Scientist/Academician			
17.	15385	Harinagaraj M Department of Zoology, Mar Ivanios College (Autonomous), Nalanchira, TVM-695 015	Biomonitoring of River Muthirapuzha with Special Reference on Biological Water Quality Criteria and Biomapping
10-Mathematical & Statistical Sciences			
Scientist/Academician			
18.	10317	Dr. Bindu P. P. Department of Statistics, Govt. Arts & Science College Kozhikode	New Error Distribution for Microarray Gene Expression Data
11-Physical Sciences			
Student			
19.	15180	Anamika Ashok Department of Physics, Cochin University of Science and Technology	Electrochemical Performance Study of Vacuum filtered Dry $Ti_3C_2t_x$ Mxene Powder
12- Scientific Social Responsibility			
Student			
20.	15359	Sherin E S Department of Botany, St. Albert's College (Autonomous), Ernakulam-682018	Global Trends in Research on Human Viral Diseases
Scientist/Academician			
21.	15296	Lizymol P P Scientist F & In Charge, Division of Dental Products, Department of Biomaterial Science and Technology, SCTIMST Thiruvananthapuram, 695012	Turmeric during COVID 19 and its effect of on Storage Stability of Ginger