

35th Kerala Science Congress: Best Poster Presentation Awards

Category	Title
1. Agriculture and Food Sciences	
Student	<p>ETIOLOGY, SYMPTOMATOLOGY AND MANAGEMENT OF PITTING DISEASE OF BANANA IN KERALA</p> <p>Alan C. Antony, Vimi Louis , Rashmi C.R , Namitha P.M. and Athira K.V</p> <p><i>College of Agriculture, Vellanikkara</i></p>
Delegate	<p><i>SILVER NANOPARTICLES GREEN SYNTHESIZED WITH LEAF EXTRACTS OF DISEASE-RESISTANT AMARANTHUS GENOTYPES PROTECT RED AMARANTHUS FROM LEAF BLIGHT DISEASE SEVERITY</i></p> <p>S. Divya, Susha S. Thara, and K. N. Anith,</p> <p><i>Kerala Agricultural University, Vellayani</i></p>
02. Biotechnology	
Student	<p>SINGLE-CELL OPTICAL DIFFRACTION TOMOGRAPHY TO STUDY RED BLOOD CELLS INFECTED WITH PLASMODIUM SPP.</p> <p>Jessica J.Y. Ong , Jeonghun Ohbc, XiangYong Angd , Renugah Naidue ,Trang T.T. Chue , Jae Hyoung Imf , Christeen Davishi,Won Sun Parkj , Wanjoo Chunk , Hojong Junl , Bruce Russella , Jin-Hee Hanag, Rajesh Chandramohanadasdeh</p> <p>Department of Microbiology and Immunology, University of Otago, Dunedin 9054, New Zealand</p>
Delegate	<p>PHYLOGENETIC ANALYSIS OF NATIVE DIOSCOREA SPECIES OF KERALA</p> <p>Dr. Manoj P., Dr. Anish N.P., Deepthi Mohan, Mariya Mary Gigi</p> <p><i>Rajiv Gandhi Centre for Biotechnology, Trivandrum</i></p>

03. Chemical Sciences	
Student	<p><i>ENGINEERING NOVEL AND FLEXIBLE COVALENT MODIFIED Nb₂CTX WITH TRIFLUOROACETIC ACID FOR ELECTROCHEMICAL SENSING OF ANTI-TUBERCULOSIS DRUG RIFAMPICIN.</i></p> <p>Menon Ankitha, Neermunda Shabanaa, Pushpalatha V Vaishaga, Pathath Abdul Rasheed</p> <p><i>Indian Institute of Technology Palakkad, Palakkad</i></p>
Delegate	<p>CHITOSAN-TITANIUM DIOXIDE NANOCOMPOSITES AS AN INTEGRATED PHOTOCATALYST-ADSORBENT SYSTEM FOR THE REMOVAL OF NITRATES FROM WATER/WASTEWATER</p> <p>V. S. Smitha,* P. Athulya, M. Sudheesh, P. Manjula, T. R. Resmi</p> <p><i>Centre for Water Resources Development and Management (CWRDM), Calicut,</i></p>
04. Earth and Planetary Sciences	
Student	<p>INVESTIGATING THE POTENTIAL OF 1-D HYDRODYNAMIC MODELING FOR FLOOD INUNDATION MAPPING IN TWO GEOMORPHOLOGICALLY DISTINCT RIVER REACHES</p> <p>Jesna , S M Bhallamudi , K P Sudheer</p> <p><i>Indian Institute of Technology Madras, Chennai, India</i></p>
Delegate	<p style="text-align: center;">No award (All absent)</p>

05. Engineering and Technology	
Student	<p>CAPACITIVE DEIONISATION (CDI): AN ECO-FRIENDLY AND SUSTAINABLE DESALINATION TECHNOLOGY</p> <p>Vajitha. G, Madan Kisan Pradhan, Soujit Sen Gupta Shihabudheen M. Maliyekkala</p> <p><i>Indian Institute of Technology Tirupati, Andhra Pradesh</i></p>
Delegate	<p>EFFECT OF GEOTECHNICAL PROPERTIES ON SEDIMENT RESUSPENSION AND ITS IMPLICATION ON FLOCCULATION OF SUSPENDED SEDIMENTS DRIVEN BY Fe (II) IN A MIXED SEDIMENT ENVIRONMENT</p> <p>Febina A Manaf and Priya K L</p> <p><i>TKM College of Engineering, Kollam, Kerala, India</i></p>
06. Environmental Science, Forestry & Wild Life	
Student	<p>DEVELOPMENT OF ADSORPTION & DESTRUCT CONCEPT FOR PERCHLORATE REMEDIATION VIA IN-SITU/EX-SITU MICROBIAL REDUCTION</p> <p>Rothish R Naira, Jiffin Sam Jasmin G Russel, Krishnakumar B a and Prathish K P</p> <p><i>CSIR NIIST, Thiruvananthapuram</i></p>
Delegate	<p>STUDIES ON THE ENDEMIC AND THREATENED FLOWERING PLANTS OF URUMBIKKARA HILLS, WESTERN GHATS, INDIA</p> <p>Anoop P. Balan and Robi A.J.</p> <p><i>Bishop Abraham Memorial College, Pathanamthitta</i></p>

07. Fishery and Veterinary	
Student	<p>THE EFFECT OF DIFFERENT MICROALGAL DIETS ON THE POPULATION DEVELOPMENT OF <i>PSUEUDODIAPTOMUS MALAYALUS</i></p> <p>Anju Soma S, Shoji Joseph</p> <p><i>ICAR- Central Marine Fisheries Research Institute , Kochi</i></p>
Delegate	<p>SOY MILK: A NOVEL AND ECONOMIC MILK REPLACER FOR CALVES</p> <p>Biju Chacko and Fahmida V</p> <p><i>College of Veterinary and Animal Sciences, Wayanad</i></p>
08. Health Sciences	
Student	<p>MOLECULAR ANALYSIS ON NOSOCOMIAL SEPSIS OUTBREAK IN GOVERNMENT MEDICAL COLLEGE KOTTAYAM.</p> <p>Chithra C Nath, Sreejith S, Shoba Kurian Pulikkoottil, Radhakrishnan EK</p> <p><i>Government Medical College, Kottayam</i></p>
Student	<p>DISCOVERY AND VALIDATION OF EGRESS INHIBITORY SMALL MOLECULES AS POTENTIAL NOVEL ANTI-MALARIALS</p> <p>Keerthy Reghunandan , Alok Patra , Rajesh Chandramohanadas,</p> <p><i>DBT—Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram</i></p>
Delegate	<p><i>ETHNO VETERINARY INVESTIGATIONS AMONG TRIBAL COMMUNITIES OF IDUKKI AND WAYAND DISTRICTS, KERALA</i></p> <p>Anu Theresa Antony, Roshni S., Archana S., Anish N.P. and Manoj P.</p> <p><i>DBT-Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram</i></p>

09. Life Sciences	
Student	<p><i>BIFUNCTIONAL GOLD NANOCUSTER AS A THERANOSTIC PROBE FOR THE MANAGEMENT OF ALZHEIMER'S DISEASE</i></p> <p>Resmi A. N, M. E. Dhushyandhun, Sarathkumar E , Jayasree R S</p> <p><i>Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram</i></p>
Delegate	<p>ANTI- INFLAMMATORY EFFECT OF VANILLIN ON LPS STIMULATED RAW 264.7 MACROPHAGES</p> <p>Sruthi N. Kumar, Dr. Prakash Kumar B, Dr. R Harikumar Nair</p> <p><i>Mahatma Gandhi University, Kottayam</i></p>
10. Mathematics and Statistical Sciences	
Student	<p><i>MATHEMATICAL IDEAS BEHIND COVID MODELING AND HUMAN WELFARE</i></p> <p>Deeksha Joshi, Rian Chakaraborty, Muhammed Faheem A T, Aiswarya M</p> <p><i>Kerala School of Mathematices, Kozhikode</i></p>
Delegate	<p>ASSYMETRIC DOUBLE XGAMMA DISTRIBUTION AND ITS APPLICATION TO MICROARRAY GENE EXPRESSION DATA</p> <p>Bindu Punathumpambath</p> <p><i>Govt. Arts & Science College, Kozhikode</i></p>

11. Physical Sciences	
Student	<p><i>COPPER-DIFFUSED SILICON FOR MEMORY APPLICATIONS</i></p> <p>Anjana. R and K.B. Jinesh</p> <p><i>University of Kerala, Thiruvananthapuram</i></p>
Delegate	<p>A STUDY ON THE STRUCTURAL, OPTICAL, DIELECTRIC AND MAGNETOELECTRIC PROPERTIES OF $\text{Bi}(1-x)\text{Dy}_x\text{FeO}_3$ ($x = 0.01$) MULTIFERROIC SYSTEM</p> <p>Jincemon Cyriac, Sunny Mathew , L R Sriramachandru , Jisty Ann Jiji, Nandakumar Kalarikkal, P.M.G. Nambissan, Saji Augustine</p> <p><i>Marian college Kuttikkanam, Idukky</i></p>
12. Scientific Social Responsibility	
Student	<p>CHALLENGES AND PROSPECTS IN INDEGENOUS COMMUNITIES PRACTICING MEDICINAL PLANTS CULTIVATION: A CASESTUDY FROM ATTAPPADY VALLEY, KERALA, INDIA</p> <p>R. Rakshitha , Amal Thankachan , M Amruth , T. K. Hrideek , A. V. Raghu ,</p> <p><i>KSCTE-Kerala Forest Research Institute, Peechi</i></p>
Delegate	No eligible posters