

## LIST OF ORAL PRESENTATIONS

Sr. No.	Name	College/Institute	Title
O1	Karan Aggarwal	D.A.V. College, Abohar	A Brief History of Quantum Mechanics- An Act of Desperation
O2	Rishabh Gupta	Invertis University, Bareilly	Engineering light absorption in semiconductor nanowire devices
O3	Gaurav Joshi	Invertis University, Bareilly	Review Paper On Simultaneous Enhancement of Open-Circuit Voltage, Short-Circuit Current Density, and Fill Factor in Polymer Solar Cells
O4	Shivam Shukla	Invertis University, Bareilly	Hybrid Rocket Motor Techniques and Applications
O5	Ankit Kargeit	Invertis University, Bareilly	Organic photonics for communications
O6	Kuldeep Kargeti	Doon University, Dehradun	Synthesis of Ni-Fe-Al alloys and study of their microstructure and FSMA nature
O7	Sarvesh Bansal	IIT Delhi	Determination of cross section for top quark pair production at LHC and study of jets from top quark decays
O8	Salil Batabyal	Delhi University, Delhi	Optimization Of Ion Beam Currents For Accelerator Mass Spectrometry
O9	Sanghvi Harshal Amit	Gujrat University, Ahmedabad	Automatic Rationing System
O10	Kuldeep Dineshbhai Dave, Chintan Mukeshbhai	Gujrat University, Ahmedabad	Band structure of solids using Kronig- Penney model
O11	Prasoon Kumar	Gurukula Kangri University, Haridwar	A Description on Gravitational Lensing
O12	Aparna Tomar	Miranda House, Delhi	Positron Annihilation Spectroscopic Studies Of Sr-Substituted Lanthanum Ferrite(La <sub>1-x</sub> Sr <sub>x</sub> FeO <sub>3</sub> )
O13	Kajal	Guru Nanak College for Girls, Muktsar Sahib	Electrowetting and its Applications

O14	Loveleen Wadhwa	Guru Nanak College for Girls, Muktsar Sahib	Gravitational Waves
O15	Palvi	Guru Nanak College for Girls, Muktsar Sahib	Higgs Bosons: The Standard Model Of Electroweak Interactions
O16	Harishchand. S. Nishad	Mumbai University	Solar Air Purifier And Domestic Appliances
O17	Karan Dixit, Lav Kumar Jha	St. Xavier College, Pune	Piezo-Electric Energy Harvesters: The Present Scenario & Challenges
O18	Saurav Kumar	Ranchi University	Fourier Series And Multipole Expansion Due To An Arbitrary Charge Distribution: A Comparative Study
O19	Jyotsana Kala	Pt. L.M.S.Govt. College, Rishikesh	On Development Of Hydrogen Storage Material For Vehicular Application
O20	Aditya Upreti	Panjab University	EPR Paradox-Quantum Entanglement and Quantum Computing
O21	Sumit Bansal	Panjab University	Remote Switching Of Electric Appliances Using RF Module
O22	Ashish Kumar Rajayan	U.I.E.T., Panjab University	Light Sensing Light: An Innovation In Technology
O23	Ashish Chaudhary	Panjab University	Shape Memory Alloys with Applications: An Analysis
O24	Nikhil	Guru Jambheshwar University, Hisar	
O25	Navneet	Guru Jambheshwar University, Hisar	Thickness of plate using Michelson Interferometer
O26	Ramesh Kumar	Guru Jambheshwar University, Hisar	Concurrence measurement of entangled two qubit pure state of Photon and quantum dot
O27	Priyanka Rani	Pt. Neki Ram Sharma Govt. College, Rohtak	Scientific Philosophical Ideas Leading Towards Reality
O28	Tanya Bahl	Panjab University	Dark Matter and Current Status of Detection Experiments
O29	Ravikant Shrivastava	Invertis University, Bareilly	Quantum entanglement Teleportation