

NSSP 2015

List of Oral Presentations

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O-1	Abubakar Sani Garba	The Improvement of Radiographic Visualisation Using Tissue Harmonic Imaging in Comparison with Standard Ultrasonic Imaging Mode
O-2	Ashutosh Padelkar	Examining The Variation in Beta Decay Rates of Tritium
O-3	Chhabil Dass	Robust Spin Gapless Semiconducting Characteristics of Mn ₂ CoAl with Ga Disorder
O-4	Habibu Ahmad Ibrahim	Areview of The 3 Tesla (3t) Mri Machineartifacts and How it Affects Image Quality
O-5	Hansraj	LEDs: The Most Energy Efficient Lighting Device
O-6	Harishchand S. Nishad	A Simple Lamp from Waste Material (E-waste management)
O-7	Kanav Sharma	A Theoretical Explanation for The Einstein's Remark on Bending of Light due to Huge Mass
O-8	Manan Jain	Classical System Underlying A Diffracting Quantum Billiard
O-9	Manpreet Singh Jattana	The Turning Mystery of a Spaceship
O-10	Mohiniraj R. Dange	Affordable Fuel Free Spray Pump for Green Agro Applications
O-11	Mudassir Umar Ali	The Schrödinger Equationno Linear Potential Solution Specializing to The Stark Effects
O-12	Paramvir Singh	A Case Study Of Population I Stars In The Big Dipper Asterism
O-13	Phalak Takkar	Big Bang Theory: The Ultimate Explosion of Space
O-14	Sahana K. S.	Diffraction Pattern, Reveals The Inner Beauty
O-15	Sanjay Kalita	ATM Security System
O-16	Shaik Sikindar Mohaseen	How Life has Come From Mars to Earth?
O-17	Shamsuddeen Idris Mu'azu	Effect of Radiation on DNA
O-18	Shankar Dutt	Thermoluminescence Characteristics of Nanocrystalline Materials
O-19	Shreti Garg	Quantum Anharmonic Oscillator- A Computational Approach
O-20	Shriyog Kokare	X-Ray Crystallography- A Tool for Material Characterisation
O-21	Yogeshri S. Kokare	Scanning Electron Microscopy: A Tool to Know The Materials Morphology
O-22	Zubairu Ahmad Usman	Effect on Image Quality and Patient Dose of Various Types of Ct Detectors
O-23	Raminder Kaur	Synthesis Technique of Nano-ZnO for Antibacterial Study: A Review
O-24	Vikas Chand	Developments in Conducting Polymers for Organic Solar Cell: A Review

List of Poster Presentations

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P-1	Aditi Joshi, Nilima Akolkar	Visual Observation of Geminides-2014
P-2	Avneet Kaur	Nonlinearity as a New Branch in Science
P-3	Avneet Singh	Tin Oxide/Reduced Graphene Oxide nanocomposites
P-4	Brijesh D. Vekaria, Nidhi B. Bakori	Li-Fi: Light fidelity (LiFi) is a Wireless Optical Networking Technology That Uses Visible Light From Leds for Data Transmission
P-5	Barinder Kaur	Determination of Mass Attenuation Coefficient of Teak Wood Sample
P-6	Chetna Sood	Determination of Mass Attenuation Coefficients of Guava Leaves Using Beta Attenuation
P-7	Dharini Visave G.	The Fundamental Particle: Higgs Boson
P-8	Devangi Grover, Swati Chhikara	Synthesis of Graphene Oxide for Water Remediation from Heavy Metal Ions
P-9	Devansh Desai	Importance of Light-in Physics and Technology
P-10	Gunvir Kaur	Effect of Magnetic Field on Properties of Hard Water
P-11	Heenam, Richa, Shallu	The Origin of the Universe
P-12	Ishita Aggarwal, Arushi Arya, Vikas Chand	Organic Solar Cells: Sustainable, Green and Innovative Source for Smart Future
P-13	Jaishree Phoolia	Study of Dielectric Properties of Different Dairy Products
P-14	Jasleen Kaur	Effect of Ohmic Heating on Electrical Conductivity of Soymilk
P-15	Jyoti Pareek	Water Purification by Using Oxide Nanomaterials
P-16	Kanika, Komal Sharma	Saturn's Moon Titan - Alive or Dead
P-17	Lovina, Parrydeep Kaur Sachdeva	Screenless Displays - The Future of Technology
P-18	Mansi Garg	Deposition of Barium Strontium Titanate Thin Film using Pulsed Laser Deposition
P-19	Nakum Sanjay B.	LIGO - A New Way to Explore the Universe
P-20	Nareeya K. Jitendrabhai	Aero Braking space problem at Neptune
P-21	Navdeep Kaur	The Variation of Viscosity with Temperature in Light and Dark Coloured Honey
P-22	Nivedita Pan, Nandita Pan	The Utilization of Wind Energy in Vehicles
P-23	Nupur	Functionalized Carbon Nanotubes for Decontamination of Water from Heavy Metal: Mercury
P-24	Priya Shekhawat	Application of Biosensors
P-25	Priyanka Thawany, Sneh Lata	Real World Application of Quantum Mechanics
P-26	Ragandeep S. Sidhu, Amandeep Kaur	Neutrino: The Ghost Particle!

P-27	Rahul Vishwase	Comparative Study of Humidity Sensing Properties of Tin Oxide Thin Film and Nanoparticles
P-28	Sakshi Saini	A Review on Dielectric Relaxation Studies of Some Important Polar Aromatic Compounds and of Some Fruits and Vegetables at Microwave Frequencies.
P-29	Sandeep Kaur	Non-Extensivity of Entropy in Multiparticle Production at High Energy
P-30	Shreya Mahendru, Paramvir Singh	Age Estimation of Solar and Late-M Type Stars, and NGC 6811 Cluster Using Gyrochronology
P-31	Simrandeep Kaur, Pankaj Bhardwaj, Deepti Rana, Anshu Gupta	Antimatter
P-32	Sreeraksha P.S.	Coriolis Force
P-33	Sukhjeet Kaur	Origin of Solitons
P-34	Tanishka Soni	Low-Temperature Susceptibility of Rock, Volcanic Ash and Sediment Samples
P-35	Twinkle Pahwa, Himani Chawla, Sonia Rani	Nanomaterials: Introduction and Applications
P-36	Vansh Lakhina, Jayant S. Sood, Raminder Kaur	Fuel Cell: Journey from Laboratory to a Greener and a Cleaner Future
P-37	Vardaan Mongia	Blackholes: Quantum Mechanics Vs General Relativity
P-38	Yash Deorukhkar, Ketan Pimputkar	Gesture Controlled Car using Accelerometer
P-39	Vachhani Dhyey, Rajesh Purohit	Physics in Entertainment
P-40	Yogesh Pandey	Determination of Hubble's Constant
P-41	Ziad Modak	An Amateur Radio Telescope Using a Satellite TV Dish Antenna