

SCHEDULE - 4TH IAPT NSSP

4 November 2016, Friday

Time	Activity	Speaker	Title
10.00 - 10.45	Inauguration	-	-
10.45 - 11.15	Tea	-	-
11.15 - 12.15	Invited Talk	Dr. Ajit Mohanty Director SINP Kolkata	A Journey from detecting God particle to Ghost particle
12.15 - 13.30	Oral presentations	By participants	Oral Session-1
13.30 - 14.30	Lunch		
14.30 - 15.30	Invited Talk	Prof. Arvind IISER, Mohali	A glimpse into the quantum world
15.30 - 17.00	Poster Presentation	By Participants	Poster Session-1
16.30 - 17.00	Tea		
17.00 - 19.00	Invited talk and Virtual Sky	Prof. Sandeep Sahijpal PU Chandigarh	Nature's recipe to synthesise elements

5 November, 2016, Saturday

Time	Activity	Speaker	Title
9.15 - 9.45	Invited Talk	Dr. B. Chakrabarti Gen.Sec. IAPT	Purpose, Objectives and complexity in student research and the role of NSSP
9.45 - 11.15	Poster Presentation	By Participants	Poster Session-2
10.45-11.15	Tea		
11.15 - 12.15	Invited Talk	Dr. Manpreet Singh TBRL, DRDO Chandigarh	White Light Interferometry - A Novel diagnostic tool for Meta-physical phenomena
12.15 - 13.15	Oral Presentations	By Participants	Oral Session-2
13.15 - 14.15	Lunch		
14.15 - 15.30	Oral Presentations		Oral Session-3
15.30 - 17.00	Poster session	By participants	Poster Session-3
16.30 - 17.00	Tea		
17.00 - 19.00	Talk and Video Presentation	Prof. Manjit Kaur PU Chandigarh	Adventure with particles

6 November, 2016, Sunday

Time	Activity	Speaker	Title
9.15 - 9.45	Invited Talk	Dr. Jadab Sharma CNSNT, PU ChdTBA.....
9.45 - 10.45	Oral Presentations	By Participants	Oral Session-4
10.45-11.15	Tea	-	-
11.15 - 12.15	Invited Talk	Dr. Prince Sharma TBRL, DRDO Chandigarh	Dynamic behaviour and materials under impact and shock loading
12.30 - 13.30	Valedictory	-	-
13.30 - 14.30	Lunch TA Disbursal	-	-

Oral Session-1: 02, 03, 05, 09, 015, 017

Oral Session-2: 01, 04, 06, 07, 08

Oral Session-3: 010, 011, 012, 013, 020, 021

Oral Session-4: 014, 016, 018, 019, 022

Poster Session-1: P2, P3, P4, P6, P7, P8, P9, P10, P25

Poster Session-2: P5, P14, P16, P18, P22, P23, P27, P28, P29

Poster Session-3: P1, P11, P12, P13, P15, P17, P19, P20, P21, P24, 26

ORAL PRESENTATIONS

Sequence no	Name	College	Title
O1	Utsav Kumar	St Xavier College, Ahmedabad	Analysis Of Equation Of States Of Solids
O2	Nishant Kumar Sharma	SVS Govt College Rudrapur	Birth of Atom and Nucleus and Non-Interactive Mechanics
O3	Diskha	Panjab University	The X-Ray Universe: Making Invisible Visible
O4	Nirman Chakraborty	Jadavpur University	Synthesis And Characterisation Of Single Phase Mn Doped ZnO
O5	Mahima Dhingra	KU	Unification Of Strong And Electroweak Interactions
O6	Harneet kaur	PAU	Determination of mass Attenuation Coefficient of Poplar Wood Sample
O7	Gurvire Singh	Panjab University	Frontiers in Cosmology: CMB, Inflation and Baryon Asymmetry
O8	Ankit Kargeti	Invertis University, Bareilly	Effect Of Temperature And Pressure On Tc Of Sulphur Hydride
O9	Prerna Matho, Himanshu Raj	St Xavier College, Ranchi	Gravitational Waves
O10	Parit Mehta, Paramvir Singh	Panjab University, Goethe University Frankfurt	Iterative determination of photospheric properties of the Sun
O11	Yogendra Pratap Singh, SK Verma	SMNRU, Lukhnow	Atomic model of molecular structure based on matter-antimatter theory
O12	Himashu Behl	DAV, Abohar	The Line Follower Robot
O13	Mandeep Kaur	DAV, Abohar	Eddy Currents
O14	Aayushi Dhingra	DAV, Abohar	Soft Condensed Matter
O15	Dinkar Mishra	SMNRU, Lukhnow	Black Holes and Evolution of Galaxies
O16	Sanjay Ashok	NIT, Surathkal	Magnetic Skyrmions In two Dimensional Materials
O17	YV Raghuram	SVA College, Tirupati	Gravity Waves and the Unknown Universe
O18	JT Parikh	St Xavier College, Ahmedabad	Size effect on Melting Temperature of nanoparticles
O19	Sahil Sharma	GGDSD, Sec 32	Emerging Field of Nano Technology and its Applications
O20	Prachi	GGDSD, Sec 32	Probing the Dark Universe
O21	Pankaj Bhardwaj, Deepti Rana, Anshu Gupta	Panjab University	$0\nu\beta\beta$ Decay
O22	Ushma	Panjab University	Simulation for a pacemaker to study the potential distribution and current density

POSTER PRESENTATIONS

Sequence no	Name	College	Title
P1	Gaurav Kumar	SMNR Lucknow	Study Of Logic Gates-A Review
P2	Anjali, Gunvir Kaur	PAU Ludhiana	Effect of Magnetic Field on Electrical Conductivity and Total Dissolved Salts withtime of Sodium Cholride Solution
P3	Bindiya Chana	PAU Ludhiana	Temperature Dependent Electrical Measurements of Polymermetal Composite
P4	Mitika Gauba	PAU Ludhiana	Moisture Gradient Measurements of Mulberry Wood
P5	Gurpreet Kaur	PAU Ludiana	Measure branching Fraction of X using $386 \times$
P6	Kirandeep Kaur	PAU Ludiana	Electrical Conductivity Measurement of synthesized Graphene- Carbon Nanotube Hybrid
P7	Manpreet Kaur Purba	PAU Ludhiana	Synthesis And Characterisation Of Graphene Oxide Nanocomposite for Adsorption Of Heavy Metal
P8	Ramanjeet Kaur	PAU Ludhiana	Ohmic Heating Behaviour and Electrical Conductivity of Aloe Vera Juice
P9	Nisha	PAU Ludhiana	Influence of Temperatures and Water contents on the Electrical Conductivity of Honey
P10	Harneet Kaur	PAU Ludhiana	Determination of mass Attenuation Coefficient of Poplar Wood Sample
P11	Amanpreet Kaur	PAU Ludhiana	Nonlinear waves in dusty Plasma
P12	Sukhjeet Kaur	PAU Ludhiana	Nonplanar Solitary Waves In Electron-Positron-Ion Plasmas with Tsallis distribution of electrons
P13	Aashween Dhingra	DAV college Amritsar	Colour changing in the Blink Of an Eye
P14	Saivy Attri	DAV College Amritsar	The God's Particle
P15	Sushant Yadav, Shubham	ZH College, New Delhi	Design of a LCR Circuit Simulator using MATLAB and tuning it using solar power
P16	Kaustav Dutta	AC college Jalpaiguri	On the Riddle of Dark Matter using Modularity Theorem
P17	Manas Sharma	SMNRU Lucknow	I-Board
P18	Soumya Yadav	SMNRU Lucknow	Solving Great Cosmic Mysteries by the Neutrino: A review

P19	Akanksha Mishra, Awanish Gupta	SMNRU Lucknow	Study of JFET Channel Pinch off Operation: A review
P20	Kirtika Yadav	SMNR Lucknow	Optoelectronics Circuits, Sensors and Optical Waveguide
P21	Anamika Pandey, Neeraj Singh	SMNR Lucknow	Nano-Photonics and Non-Linear Optics
P22	Samiksha	GGDSD, Sec 32	Quantum Computation
P23	Samandeep, Priyanka	GGDSD, Sec 32	Spintronics
P24	Renu, Anju	GGDSD, Sec 32	Solar Cell
P25	Utkarsh, Rahul	GGDSD, Sec 32	Iron Oxide Nano-Particles for efficient Adsorption of Methyl Blue Dye and Other Dye
P26	Navjinder, Navjot kaur, Harjot Kaur	Panjab University	Nano-Technology
P27	Pankaj Bhardwaj, Simrandeep, Namita Uppal	Panjab University	Quantum Computers In The Offing
P28	Mayank	DAV Chandigarh	Quantum Computing
P29	Zaryab	GGDSD, Sec 32	Black Holes