

## HIGH ENERGY PHYSICS

Sl. No	Name	Title	Mode (Oral/Poster)	Online/Offline
1	Tapashi Das	Scale variation in Leptonic and Semileptonic decay of B meson in a QCD potential model	Poster	Online
2	Paramita Deka	Quantifying Systematic Uncertainties on Neutrino Oscillation Parameters in Resonance process	Oral	Offline
3	Jotin Gogoi	Neutrino masses and mixing using $A_4$ modular symmetry	Oral	Offline
4	Chandan Duarah	Mu-tau reflection symmetry in the standard parametrization of PMNS matrix	Oral	Offline
5	Ankita Kakoti	Left-Right Symmetric Model with $A_4$ modular symmetry	Oral	Offline
6	Ranjan Saikia	Extraction of gluon saturation momentum using an analytical solution of the Balitsky-Kovchegov equation	Oral	Online
7	Indrajit Saha	Leptogenesis and Dark Matter Through Relativistic Bubble Walls with Observable Gravitational Waves	Oral	Online
8	Mayengbam Kishan Singh	Modular $A_4$ symmetry in active-sterile neutrino masses and mixings with non-zero $\theta_{13}$	Oral	Offline
9	Yumnam Monitar Singh	Checking the validity of golden ratio neutrino mixings at high scale using RGEs	Oral	Offline
10	Khumanthem Helensana Devi	Effects of variations of SUSY breaking scale on neutrino oscillation parameters for $TBM^2$ mixing pattern at low energy scale under radiative corrections for different values of $\tan \beta$ and $M_R$	Oral	Offline
11	Dr. Rupam Kalita	Study of leptogenesis under hybrid texture neutrino model	Oral	Online
12	Zannatun Firdowzy Dey	Constraining invisible neutrino decay at long-baseline experiments	Oral	Online
13	Maibam Ricky Devi	Constraining sterile neutrino parameters in two zeroes textures of Majorana mass matrix to explain anomalous results in	Oral	Offline

		LSND, ICARUS, MINOS and BEST Experiments		
14	Simran Arora	Explaining W-Boson Mass Anomaly, Muon (g-2), Dark Matter and Neutrino Masses in U(1) $L_\mu$ - $L_\tau$ Scotogenic Model	Oral	Online
15	Victoria Puyam	Minimally modified Type-I see-saw neutrino models for non-zero $\theta_{13}$	Oral	Offline
16	Animesh Barman	Study on Minimal Modification of Tri-bimaximal Neutrino Mixing matrix and its Phenomenological Implications	Poster	Online
17	Pheiroijam Wilina	Radiative corrections to tribimaximal and golden ratio mixing patterns with phases.	Oral	Offline
18	Partha Kumar Paul	Explaining Dark Matter and Neutrino mass in a $A_4 \otimes Z_8$ flavour symmetry based $\nu$ 2HDM	Poster	Online
19	Pralay Chakraborty	A model-independent approach to predict the Neutrino Majorana Phases.	Poster	Online
20	Amit Kumar Rao	Stückelberg Modified Higher p-Form (p = 3) Theory: Superfield Approach	Poster	Online
21	Dr. Priyanka Kumar	Study of two zero textures of $M_\nu$ ( $4 \times 4$ ) in Minimal Extended Seesaw Mechanism	Oral	Online
22	Diptimonta Neog	A phenomenological study of PDFs in the CTEQ framework	Poster	Online
23	Nilavjyoti Hazarika	Fermionic Dark Matter and Neutrino Mass in a Singlet-Doublet Dark Matter Model	Oral	Offline
24	Bikash Thapa	Leptogenesis and parameter space for low-energy CP phases in inverse-seesaw model	Poster	Online
25	Hrishi Bora	$\Delta$ 54 flavor model for Dirac neutrinos: inverse seesaw	Poster	Online
26	Nituraj Changmai	Masses of heavy flavour mesons in quantum chromo-dynamics (QCD) inspired potential model.	Poster	Online