

## List of PANE Young Researchers Award winners

(Based on the paper presented during **PANE2021** Conference held at Tripura University during 15-17 Dec., 2021)

### PANE Young Researchers Award (for oral presentation):

Abstract No	Name	Institute	Title of papers
10 AC	Samik Mitra	IIT Guwahati	Steady-state analysis of General Relativistic Magnetohydrodynamics (GRMHD) accretion flows around black hole space-time
3 AMP	Amlan Jyoti Bora	Gauhati University	Light from the firefly <i>Luciola praeusta</i> at very low temperatures
49 CMPMS	Mousumi Bhuyan	Rangia College, Assam	electron assisted damage studies on Tungsten for next generation fusion reactor
24NPHEP	Jodiet Ryngha	North Eastern Hill University	Covariance analysis of efficiency calibration of NaI(Tl) detector
1 IR	Archana Bora	Gauhati University	Application of Artificial Neural Network to determine the thickness profile of thin film samples

### PANE Young Researchers Award (for poster presentation):

Abstract No	Name	Institute	Title of papers
64CMPS	Farhana Yasmin Rahman	Tripura University	Resistive switching using biomaterials and its application towards Neuromorphic Computing
3IR	D. Angeline Shirmila	QUEEN MARY'S COLLEGE (A), CHENNAI-04, TAMIL NADU, INDIA.	Synthesis, Structure determination, Hirshfeld surfaces and Energy frameworks analysis, and Molecular Docking studies of a chalcone derivative: (2E)-2-[(2,4-dimethoxyphenyl)methylidene]-3,4-dihydronaphthalen-1(2H)-one – a potential inhibitor of breast cancer activity
16AC	Parangam Goswami	Assam University, Silchar	Traversable Wormholes in $f(R)$ Gravity.
16NPHEP	Amar Das	Gauhati University	Investigation of fusion suppression and projectile breakup using classical trajectory method
3AP	Jyotirmoy Kalita	Tripura University	Impact of Acedelia Strom Track (AST) in Martian Atmosphere during MY 33 and 34



(Prof. S. A. Hussain)  
Convener, PANE 2021



(Prof. D. Bhattacharjee)  
Chairman, PANE 2021