

Sl. No.	Application Number	Name of the Presenting Author	Discipline	Title of the Abstract
1	<a href="#">WBSSTC/2025-26/R3/PHYS/090827203</a>	RABINDRA GHORAI	Physical Sciences	Smartphone-Integrated Low-Cost Setup for Measuring Surface Tension, Density, and Viscosity Using the Modified Tate's Law (LCP Model)
2	<a href="#">WBSSTC/2025-26/R3/PHYS/091151161</a>	Amlan Das	Physical Sciences	A hybrid PDM CO-OFDM technique for high-capacity underwater communication-system
3	<a href="#">WBSSTC/2025-26/R3/PHYS/063411100</a>	ANINDITA SAMANTA	Physical Sciences	Optical properties and enhanced photocatalytic activity of Mg and Nd doped ZnO nanoparticles
4	<a href="#">WBSSTC/2025-26/R3/PHYS/032418205</a>	AMIT BERA	Physical Sciences	Work-Function Engineered Crumpled V2C MXene via Copper Phthalocyanine Delamination for High-Performance Flexible Supercapacitors
5	<a href="#">WBSSTC/2025-26/R3/PHYS/051211626</a>	Barnali Pal	Physical Sciences	Tunable Thermal-Photonic Crystal Sensor Based on HfO2 for Ultra-High Temperature Sensing
6	<a href="#">WBSSTC/2025-26/R3/PHYS/114428543</a>	ANIRBAN SAMANTA	Physical Sciences	High Surface-Area Porous MXene <sub>8211</sub> Fe <sub>3</sub> O <sub>4</sub> @Ag Hybrid as a Dual-Functional Material for Photocatalysis and Flexible Supercapacitor Applications
7	<a href="#">WBSSTC/2025-26/R3/PHYS/073856224</a>	ANJAN SAMANTA	Physical Sciences	Exploring Acousto-Optic Effects Mediated by Piezoelectric Vibrations: Next-Gen Sensing and Imaging Applications in Biomedicine
8	<a href="#">WBSSTC/2025-26/R3/PHYS/102600363</a>	Gourchand Manna	Physical Sciences	Chiral Symmetry Structure in <sup>141</sup> Sm
9	<a href="#">WBSSTC/2025-26/R3/PHYS/071442763</a>	PINKU JANA	Physical Sciences	Acoustic Control of Nonlinear Cavity Magnon-Polariton States
10	<a href="#">WBSSTC/2025-26/R3/PHYS/020448925</a>	Rajesh Mandal	Physical Sciences	Tailoring Broadband Photoresponse through Surface Plasmon Coupling and Schottky Barrier Modulation in Ag-SnO <sub>2</sub> Nanocomposite
11	<a href="#">WBSSTC/2025-26/R3/PHYS/113540947</a>	Chandrani Samanta	Physical Sciences	Dispersion Characteristics in Chalcogenide-Borosilicate Composite Fiber
12	<a href="#">WBSSTC/2025-26/R3/PHYS/121342444</a>	ANKITA PAL	Physical Sciences	Green synthesis of Carbon Dots: an Efficient Photocatalyst for waste water treatment through Degradation of Pollutant Dyes.
13	<a href="#">WBSSTC/2025-26/R3/PHYS/075506683</a>	SOUMYA KANTI ROY	Physical Sciences	Relevance of calculation of the impact parameters of phonon around rotating Acoustic Black Hole (ABH) as a function of the radial turning points.
14	<a href="#">WBSSTC/2025-26/R3/PHYS/103801755</a>	Debasri Samanta	Physical Sciences	Orographic Rainfall Dynamics over the Darjeeling <sup>8211</sup> Sikkim Himalaya
15	<a href="#">WBSSTC/2025-26/R3/PHYS/103356473</a>	DR ANUP KARAK	Physical Sciences	Splice Loss in Liquid-filled Tellurite-Based Photonic Crystal Fibers
16	<a href="#">WBSSTC/2025-26/R3/PHYS/044450425</a>	KAILASH SAREN	Physical Sciences	Winged Radio Galaxies from FIRST and TGSS Survey
17	<a href="#">WBSSTC/2025-26/R3/PHYS/053400794</a>	KOUSIK MUKHERJEE	Physical Sciences	Nonreciprocity in a graphene assisted coupled micro-resonators: Chaotic Dynamics
18	<a href="#">WBSSTC/2025-26/R3/PHYS/080442408</a>	Samir Kumar Giri	Physical Sciences	Bias Field Mediated Exchange Coupled Tunable Vertical Loop Shift In Ni <sub>80</sub> Fe <sub>20</sub> &#8211; BFO - SrRuO <sub>3</sub> Heterostructures
19	<a href="#">WBSSTC/2025-26/R3/PHYS/090407127</a>	Suniti Pradhan	Physical Sciences	Modulating Supramolecular Synthons with Weak Intermolecular Interactions: A Combined PXRD and Hirshfeld Surface Analysis
20	<a href="#">WBSSTC/2025-26/R3/PHYS/020634115</a>	AMIT KUMAR BHUNIA	Physical Sciences	Unconventional 2D Nanomaterial Based Stable Sensors