

<b>Date: April 24, 2026</b>		<b>Room No: 6106 (NAB)</b>		
<b>Name</b>	<b>Id No</b>	<b>Supervisor, Co-supervisor, DAC members</b>	<b>Title</b>	<b>Time</b>
Masrakain Ahmad	2022PHXF0432P	Prof. Anirudh Singh Rana Prof. Ashish Tiwari Prof. Rajesh Kumar	An Entropic 11-Moment Model for Polyatomic Gases with Thermodynamically Consistent Boundary Conditions	10:10-10:20 AM
Monika Sangwan	2023PHXF0059P	Prof. Sangita Yadav, Prof. Rajesh Kumar, Prof. Ashish Tiwari, Prof. Devendra Kumar	Error analysis on fractional linear breakage population balance equation (FEM)	10:20-10:30 AM
Ansal	2023PHXF0054P	Prof. Ashish Tiwari, Prof. B.K. Sharma Prof. Rajesh Kumar	Electroosmotic Flow in Wavy Microchannels with Variable Viscosity	10.30-10.40 AM
Tina Kumari	2023PHXF0452P	Prof. B. K. Sharma, Prof. Ashish Tiwari Prof. Rajesh Kumar	Performance optimization of metal hydride hydrogen storage reactors based on PCM thermal management	10.40-10.50 AM
Rekha	2023PHXF0055P	Prof. B. K. Sharma Prof. Sangita Yadav Prof. Ashish Tiwari Prof. Rajesh Kumar	Flow and heat transfer analysis of Jeffery fluid over a stretching plate	11.00-11.10 AM
Komal	2023PHXF0052P	Prof. Ashish Tiwari Prof. B.K. Sharma Prof. Sangita Yadav	Electrokinetic Flow of Viscoelastic Fluids through Porous Particle Aggregates: A Study of Nonlinear Hydrodynamic Slip	11.10-11.20 AM
Ramkishan Nehra	2024PHXF0062	Prof. B.K. Sharma Prof. Ashish Tiwari Prof. Sangita Yadav	Numerical and Artificial Neural Network Analysis of Maxwell Hybrid Nanofluid Flow over a Porous Stretching Sheet	11.20-11.30 AM
RAHUL BHATTACHARJEE	2024PHXF0057P	Prof. Anirudh Singh Rana Prof. Rajesh Kumar Prof. Devendra Kumar	Nonequilibrium Interfacial Resistivities in Evaporation and Condensation: A Diffuse-Interface ANSK Approach	11.30-11.40 AM
Shalu	2024PHXF0061P	Prof. Sangita Yadav Prof. B.K. Sharma Prof. Rajesh Kumar	Virtual Element Method for the Linear Fourth-order Strongly Damped Wave Equation	11.40-11.50 AM
Ravindra Singh Chauhan	2021PHXF0445P	Prof. Gaurav Dwivedi	Asymptotic behaviour of solutions in the Nehari manifolds	4.30-4.40 PM

		Prof. Trilok Mathur Prof. Shailesh Trivedi		
KOMAL VERMA	2023PHXF0058P	Prof. Gaurav Dwivedi Prof. Trilok Mathur Prof. Shailesh Trivedi	Rayleigh Quotient Method: A Survey and Introduction	4.40-4.50 PM
<b>Date: April 25, 2026      Room No: 6160 (NAB)</b>				
POONAM	2022PHXF0434P	Prof. Trilok Mathur Prof. Shivi Agarwal Prof. Rajesh Kumar Prof. Gaurav Dwivedi	Fractional-Order Framework for Gambling Dynamics with Delay and Control Strategies	9.30-9.40 AM
ARTI KUMARI PRAJAPAT	2024PHXF0056P	Prof. Trilok Mathur Prof. Ankan Pal Prof. Dhiraj Kumar Das Prof. Shivi Agarwal	Mathematical Modeling of Trading Behavior as a Non-Markovian Process: A Fractional Calculus Perspective	9.40-9.50 AM
PARAS	2023PHXF0456P	Prof. Rakhee Prof. Kuldip Singh Sangwan Prof. Shivi Agarwal Prof. Rajesh P. Mishra	Markovian Queueing-Inventory Model considering Backordering and Server Repair	9.50-10.00 AM
SONU DEVI	2021PHXF0448P	Prof. Sumanta Pasari Prof. Udayan Chanda Prof. Rakhee	Extending earthquake nowcasting to earthquake forecasting	10.00-10.10 AM
SHARMILA DEVI	2022PHXF0038P	Prof. Sumanta Pasari Prof. Rajesh Kumar Prof. Rakhee	Recurrence Statistics of Large Earthquakes in New Zealand: formulation and relevance to earthquake hazard	10.10-10.20 AM
MRIDUL SAINI	2024PHXF0059P	Prof. Balram Dubey Prof. Dhiraj Kumar Das Prof. B.K. Sharma	An SIRS epidemic model with generalized incidence and healthcare-constrained recovery rate	10.30-10.40 AM
ANAND SINGH	2022PHXF0037P	Prof. Balram Dubey Prof. Rajesh Kumar Prof. B.K. Sharma	Spatiotemporal Dynamics of a Fear-Induced Prey-Predator Model with Carry-Over Effects and Prey Refuge: Network and Non-Network Approaches in Parabolic and Hyperbolic Reaction-Diffusion Systems	10.40-10.50 AM