



## National Conference on Recent Trends in Physical Sciences (NCRTPS-2024)



National  
Science Day  
Celebration

### Programme Schedule

Venue-VH

Date: 28 Feb 2024

Time	Event	Speaker	Title of Talk
9.30-9.40 am	Inauguration of the conference by lighting the lamp followed by Mata Saraswati Vandana		
9.40-9.45 am	Introduction and welcome of guests	Dr. L.K. Balyan, Head, NS Discipline	
9.45-9.50 am	Introduction and scope of the conference	Dr. N.R. Jena, Convener, NCRTPS-24	
9.50-9.55 am	Inaugural speech	Prof. B.K. Singh, Director, IIITDM Jabalpur	
9.55-10.00 am	Inaugural speech	Dr. D. Kanjilal, Chief Guest	
<b>10-10.30 am</b>	<b>High Tea Break</b>		
10.30-11.30 am	Morning session (Chair: Prof. A. Ojha)	Dr. D. Kanjilal (Inter-University Accelerator Centre, New Delhi)	Development of Exotic Structure and Characterizations of Materials by Energetic Ion Beams
11.30-12.30 pm	-	Prof. B.K. Singh (Director IIITDM Jabalpur)	Recent Advances in Gas-based Photo-detectors
12.30-1.0 pm	-	Dr. D.P. Samjdhara (IIITDM Jabalpur)	Nanostructured Solar Cells: Roadmap to Future Photovoltaic Applications
<b>1-2 pm</b>	<b>Lunch Break</b>		
2.00-3.00 pm	Afternoon session (Chair: Prof. P. Tondon and Dr. L.K. Balyan)	Prof. S.S. Sandhu (RDVV, Jabalpur)	“Creativity and Design Innovation” Under the National Science Day Theme Indigenous Technology for Vikashit Bharat
2.30-3.00 pm	-	Dr. A.K. Kundu (IIITDM Jabalpur)	Magnetism in Perovskite Materials
3.00-4.00 pm	-	Dr. N.K. Jaiswal (IIITDM Jabalpur)	2-D Materials for Spintronic Device Applications
4.00-4.30 pm	-	Dr. Y.S. Katharria (IIITDM Jabalpur)	Wide-bandgap Semiconductor Thin Films and their Devices
4.30-5.00 pm	-	Dr. H.S. Nanda (IIITDM Jabalpur)	Emerging Concepts of Tissue Repair Using Multifunctional Tissue Adhesives
5.00-5.30 pm	-	Dr. Tushar Choudhury (IIITDM Jabalpur)	Fuel Cell Technology and its Integration Strategies: A Sustainable Approach towards Hybridization
<b>5.30-6.30 pm</b>	<b>Evening Tea and Poster Presentations</b>		
6.30-7.00 pm	Valedictory Function, Award Ceremony, and Vote of Thanks	Director, Chief Guest, Head NS, and Co-conveners of NCRTPS-24	