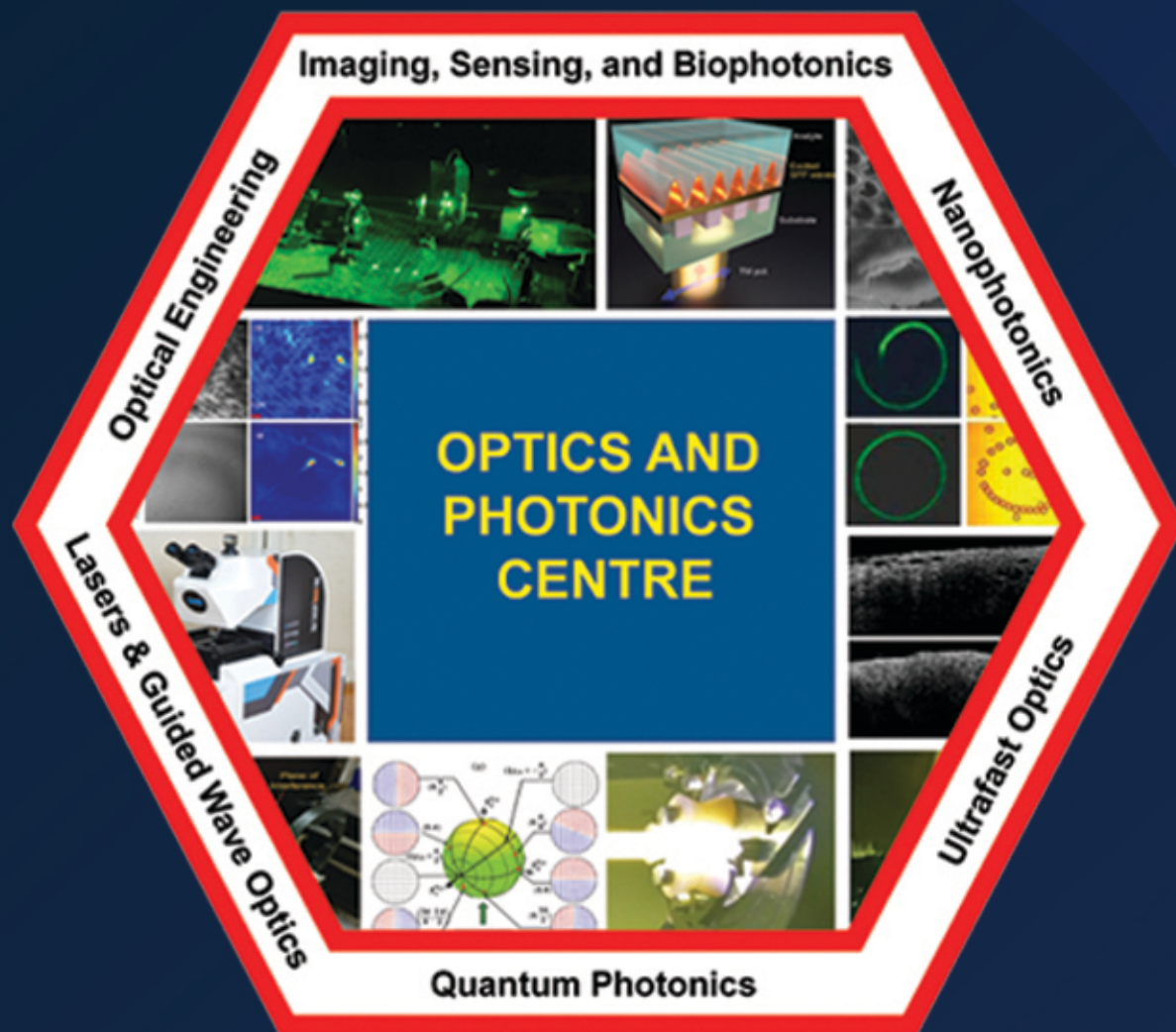




IN CELEBRATION OF THE
INTERNATIONAL DAY OF LIGHT (16 MAY)

OPTICS AND PHOTONICS CENTRE INDIAN INSTITUTE OF TECHNOLOGY DELHI



Optics and Photonics Research conference

Supported By
The National Academy of Sciences, India (NASI) – Delhi Chapter
IITD Student Chapters of OPTICA, SPIE &
SLP Solution



DATE
22 MAY 2026



VENUE
Lecture Hall Complex-418, IIT Delhi

OPRC 2026

OPRC is a research scholar's conference showcasing a broad spectrum of technical topics. Student attendees will have the opportunity to present original research work, participate in engaging talks, technical discussions, poster presentations, and networking lunch, all centred around the conference's core themes.

OPRC 2026 CONFERENCE SCHEDULE

SESSION	TIME	EVENT / TALK	SPEAKER NAME	TITLE OF THE TALK	INSTITUTION
GENERAL	09:00-09:30	REGISTRATION + MORNING TEA			
SESSION-I	09:30-09:45	WELCOME ADDRESS			
	09:45-10:15	INVITED TALK 1	PROF. ANJANI TIWARI	OPTICAL PROPERTIES OF LIGHT-DRIVEN SMART MICROSTRUCTURES	IIT ROORKEE
	10:15-10:45	INVITED TALK 2	PROF. GOVIND DAYAL	VIBRO-POLARITONIC SENSING USING PLASMONIC NANOCAVITIES	UNIVERSITY OF DELHI
	10:45-11:00	STUDENT TALK 1	MR. SWAPNIL CHITRIV	METASURFACE BASED POLARIZATION SENSITIVE DAMMANN VORTEX GRATING	IIT DELHI
BREAK	11:00-11:30	TEA			
SESSION-II	11:30-11:45	STUDENT TALK 2	MS. SAKSHI DUBEY	SPECKLE REDUCTION USING STRESS ENGINEERED BEAM FOR FSO CHANNEL	IIT DELHI
	11:45-12:00	STUDENT TALK 3	MR. SOHAN SINGH BISHT	FREE SPACE QUANTUM COMMUNICATION	IIT DELHI
	12:00-12:30	INVITED TALK 3	PROF. AADHI A	PHOTONIC PROCESSOR FOR SOLVING COMBINATORIAL OPTIMIZATION PROBLEMS	IIT DELHI
	12:30-12:45	STUDENT TALK 4	MS. MUSKAN KULARIA	A NOVEL REGULARIZATION TECHNIQUE BASED ON LAGUERRE-GAUSSIAN RADIAL HILBERT TRANSFORM FOR AN ARTIFACT-FREE IMAGE RECONSTRUCTION	IIT DELHI
	12:45-13:00	STUDENT TALK 5	MR. SUSHEEL BHARDWAJ	EXPERIMENTAL MAPPING OF THE VECTOR VORTEX BEAMS ONTO THE HIGHER ORDER POINCARÉ SPHERE	IIT DELHI
BREAK	13:00-14:00	LUNCH			
POSTER SESSION	14:00-15:45	POSTER SESSION			
SESSION-III	15:45-16:15	INVITED TALK 4	PROF. NAVENDU MONDAL	INFRARED OPTICAL-CONTROL SPECTROSCOPY: UNCOVERING HIDDEN ULTRAFAST DYNAMICS IN OPTOELECTRONIC SYSTEMS	IIT DELHI
	16:15-16:30	STUDENT TALK 6	MR. DINESH SAINI	3D FIELD OF VIEW OF A REMOTE FOCUSING MICROSCOPY SYSTEM	IIT DELHI
	16:30-17:00	INVITED TALK 5	DR. JASLEEN BIRDI	COMPUTATIONAL IMAGING WITH LEARNED PHASE DIVERSITY	IIT DELHI
CLOSING	17:00-17:15	VOTE OF THANKS			
	17:15-17:45	HIGH TEA AND DISCUSSIONS			

Contact: hodopc@admin.iitd.ac.in (Head, OPC)