Advanced Workshop on
Metrology & Nano -Characterization Techniques

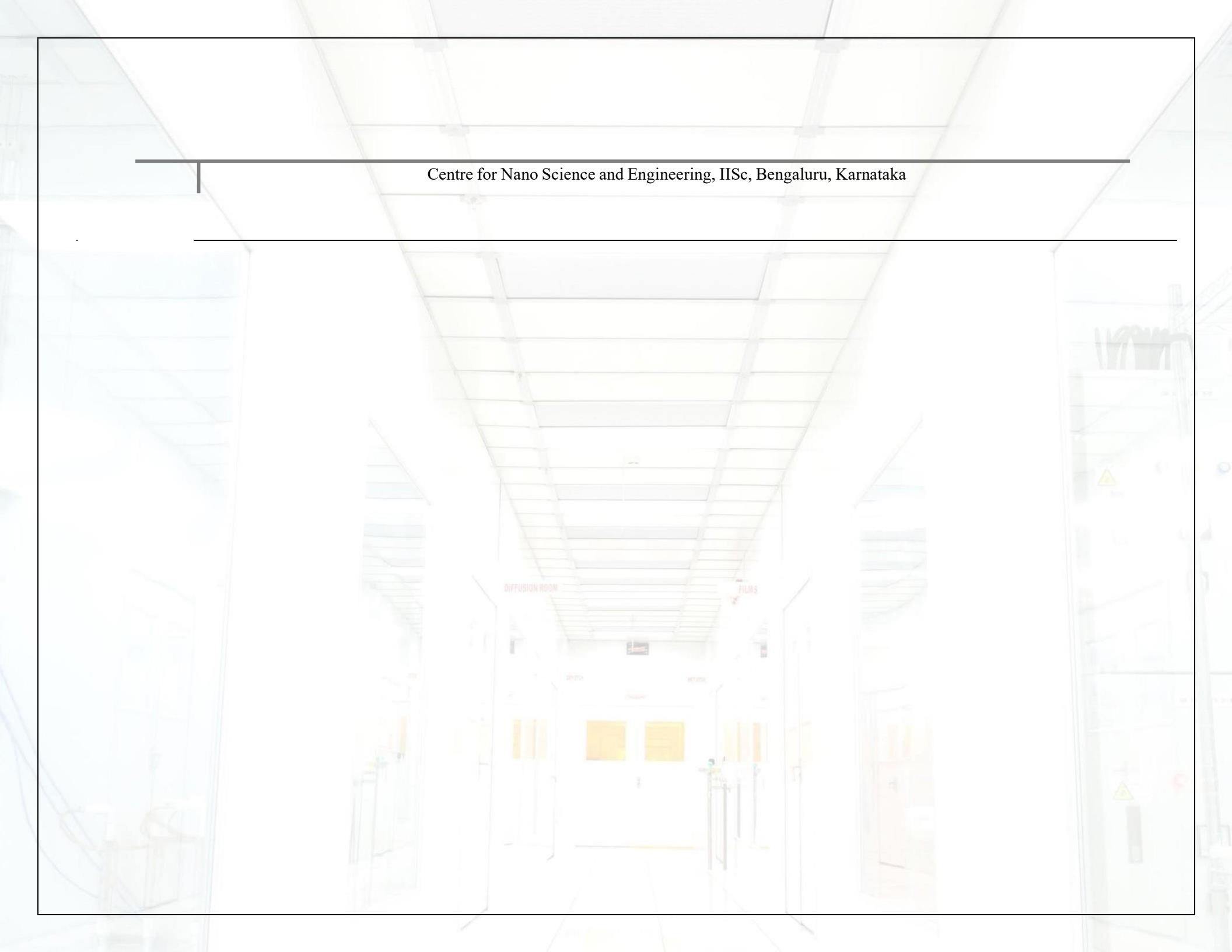
Centre for Nano Science and Engineering, Indian Institute of Science, Bengaluru-560012

Program Schedule

Date/Day	Time	Session	Speaker	Topic	Venue
26 Oct 2026, Monday	9.00 – 9.30	Lecture	Dr. Suresha S J	**Introduction to Micro & Nano Characterization Facility (MNCF)**	Ground Floor Meeting Room (GF01)
	9.30 – 10.30	Theory	Dr. Rashmitha Keshava Devadiga	**Scanning Electron Microscope (SEM)**	
	10.30 – 10.45	Tea Break			Near Seminar Hall
	10.45 – 13.00	Lab	Dr. Rashmitha Keshava Devadiga	**Scanning Electron Microscope (SEM)**	MNCF
	13.00 – 14.00	Lunch Break			TCS Smart X Ground Lunch Room Area
	14.00 – 14.45	Theory	Mr. Prajwal R V	**Atomic Force Microscope (AFM)**	Ground Floor Meeting Room (GF-01)
	14.45 – 16.00	Lab	Mr. Prajwal R V	**Atomic Force Microscope (AFM)**	MNCF
	16.00 – 16.15	Tea Break			Near Seminar Hall
	16.15 – 17.15	Theory + Lab	Mr. Vishnuteerth	**Micro System Analyzer (MSA)**	MNCF
	17.15 – 18.15	Lab	Ms. Poojitha S Pai	**Fourier Transform Infrared Spectroscopy (FTIR)**	
Date/Day	**Time**	**Session**	**Speaker**	**Topic**	**Venue**
27 Oct 2026, Tuesday	9.00 – 10.00	Theory	Dr. Nagabhushan Choudhari	**Focused Ion Beam (FIB)**	Second Floor Meeting Room
	10.00 – 10.15	Tea Break			Near Seminar Hall
	10.15 – 13.00	Lab	Dr. Nagabhushan Choudhari	**Focused Ion Beam (FIB)**	MNCF

	13.00 – 14.00	Lunch Break			TCS Smart X Ground Lunch Room Area
	14.00 – 14.45	Theory	Ambresh M	**Transmission Electron Microscopy (TEM)**	Third Floor Meeting Room
	14.45 – 15.15	Tea Break			Near Seminar Hall
	15.15 – 18.00	Lab	Ambresh M	**Transmission Electron Microscopy (TEM)**	MNCF
Date/Day	**Time**	**Session**	**Speaker**	**Topic**	**Venue**
28 Oct 2026, Wednesday	9.00 – 10.00	Theory	Mr. Joyappa P	**Electrical Characterization**	Second Floor Meeting Room
	10.00 – 10.15	Tea Break			Near Seminar Hall
	10.15 – 13.00	Lab	Mr. Joyappa P	**DC Probe Station 2**	MNCF
	13.00 – 14.00	Lunch Break			TCS Smart X Ground Lunch Room Area
	14.00 – 14.45	Theory	Mr. Kumar MP	**X-ray Photoelectron Spectroscopy (XPS)**	Second Floor Meeting Room
	14.45 – 15.00	Tea Break			Near Seminar Hall
	15.00 – 18.00	Lab	Mr. Kumar MP	**X-ray Photoelectron Spectroscopy (XPS)**	MNCF
Date/Day	**Time**	**Session**	**Speaker**	**Topic**	**Venue**
29 Oct 2026, Thursday	9.00 – 10.00	Theory	Dr. Dhanalakshmi Palanisamy	**X-ray Diffraction (XRD)**	Second Floor Meeting Room
	10.00 – 10.15	Tea Break			Near Seminar Hall
	10.15 – 12.00	Lab	Dr. Dhanalakshmi Palanisamy	**X-ray Diffraction (XRD)**	MNCF
	12.00 – 13.00	Lab	Ms. Bindhu V	**UV-visible Spectroscopy**	
	13.00 – 14.00	Lunch Break			TCS Smart X Ground Lunch Room Area

	14.00 – 16.00	Theory + Lab	Mr. Chethan Kumar K	**Raman Spectroscopy**	Second Floor Meeting Room & MNCF
	16.00 – 16.15			Tea Break	Near Seminar Hall
	16.15 – 16.45	Lab Tour	NNfC Staff	**Cleanroom Corridor Tour**	NNfC
	16.45 – 17.15	Lab Tour	PASF Staff	**PASF Tour**	PASF
	17.15 – 18.00	**Feedback & Concluding Session**			Second Floor Conference Room
					(SF-01)


DIFFUSION ROOM
FILMS