



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



A One-day Seminar On

“Advanced High-k Dielectric Stack Engineering for Next Generation MOS Devices”



Organised By

Department of Physics and the Department of Mechanical Engineering, National Institute of Technology Durgapur



Prof. Arvind Choubey
Patron

Director, NIT Durgapur



Prof. Kao-Shuo Chang
Chief Guest

Professor & International PI (SPARC Project)
National Cheng Kung University, Taiwan



Prof. Manish Kaushal
Guest of Honour

Department of Chemical Engineering,
IIT Kharagpur

Organiser & Co-Ordinators



Dr. Aniruddha Mondal
Professor & PI (SPARC Project)
Department of Physics,
NIT Durgapur, India



Dr. Rabindra Nath Barman
Associate Professor & Co-PI (SPARC Project),
Department of Mechanical Engineering
NIT Durgapur, India

Date & Time: 28th August, 2026,
10:30 AM – 1:30 PM

Venue: Room 401 (Max Plank Auditorium), New Academic Building, NIT Durgapur



A one-day seminar on
**Advanced High-k Dielectric Stack Engineering for Next-Generation
MOS Devices, 2026**

Programme Schedule

Theme: Advances in Material Science and Engineering

Venue: Room 401 (Max Plank Auditorium), New Academic Building [NAB-401]

Dates: 28th August, 2026

Time	EVENT DETAILS
10:30 AM – 11:30 AM	Inauguration Programme
10:30 AM – 10:35 AM	Welcome Address by the Co-Ordinator: Prof. Aniruddha Mondal
10:35 AM – 10:45 AM	Address by the Patron: Prof. Arvind Choubey, Director, NIT Durgapur
10:45 AM – 10:55 AM	Speech by Prof. Kao-Shuo Chang (Chief Guest), National Cheng Kung University, Taiwan
10:55 AM – 11:05 AM	Speech by Prof. Manish Kaushal (Guest of Honour), IIT Kharagpur
11:05 AM – 11:10 AM	Speech by Prof. Pathik Kumbhakar, Dept. of Physics & Dean (R&C), NIT Durgapur
11:10 AM – 11:15 AM	Speech by Prof. Tamal Mandal, Dept. of Chemical Engineering & Dean (F&W), NIT Durgapur
11:15 AM – 11:20 AM	Vote of Thanks: Dr. Rabindra Nath Barman, Co-PI (SPARC Project)
11:20 AM – 11:30 AM	Tea Break
11:30 AM – 12:30 PM	Talk by Tsung-Yen Wu, Research Scholar, Department of Materials Science & Engineering, National Cheng Kung University, Taiwan
12:30 PM – 1:00 PM	Expert Talk by Prof. Kao-Shuo Chang (Chief Guest), National Cheng Kung University, Taiwan
1:00 PM – 1:30 PM	Interaction with faculties by Prof. Manish Kaushal (Guest of Honour), IIT Kharagpur
END OF THE SEMINAR	