

**A workshop on
“Wide & Ultrawide bandgap Semiconductor devices and applications” (SERB)**

Venue: CSIR-CEERI, Pilani, Raj., Date: 19.02.2024

Programme Schedule

Programme		Time
Registration		09:00 am-09:30 am
Welcome of Guests and Participants Sarasvati Vandana, Lamp Lighting Inaugural Speech & Workshop Introduction - Dr Suchandan Pal, Chief Scientist & Head SSMG		09:30 am-10:00 am
High Tea		
An advance indigenous GaN HEMT device technology for X/Ku band MMIC applications	Dr. D.S Rawal, Outstanding Scientist & Scientist-H, Solid State Physics Laboratory (SSPL), Delhi, India	10:00 am-10:30 am
GaN technology for RF applications	Dr. Ibrahim Khalil, Director & Chief of Staff R & D, NXP Semiconductors, USA	10:30 am-11:00 am
SiC Device Technology; design & process	Dr. Jamil Akhtar, Ex-Chief Scientist, CSIR-CEERI, Pilani, India	11:00 am-11:30 am
High Tea		
GaN based HEMT and MMICs	Dr. Dipankar Saha, Professor, EE Department IIT Mumbai, India	11:45 am-12:15 pm
Ga ₂ O ₃ for next generation power devices	Dr. Ankush Bag, Professor, EE Department IIT Guhawati, India	12:15 pm-12:45 pm
Preparation and Characterization of AlGa _N structure for UV-A LEDs	Mr. Sandeep M. Singh, Researcher, Tyndall National Institute, Ireland	12:45 pm-13:15 pm
Promises, Problems, and Path-ahead for Ga ₂ O ₃ and -based Electronics	Dr. Rahul Kumar, Professor, EEE Department, BITS Pilani, India	13:15 pm-13:45 pm
Vote of Thanks and National Anthem		13.45 pm
Lunch		