

IEEE EDS BUET SB Chapter

PRESENTS

Seminar on

FABRICATION, DOPING, INTERFACES, & CONTACT ENGINEERING IN EMERGING ULTRAWIDE BANDGAP SEMICONDUCTORS

Join us to explore how ultrawide bandgap semiconductors—diamond, III-Nitrides, and oxides—are enabling extreme-performance electronics that operate beyond the limits of conventional materials. Discover how advanced fabrication, defect and interface characterization, and AI-guided optimization are overcoming critical challenges to unlock transformative applications in power electronics, high-frequency systems, and next-generation microelectronics.



Speaker

Dr. Ariful Haque

Assistant Professor, Texas State University



Sunday, 11 January 2026
Starting at **4:30 PM**



Room #625

ECE Building, BUET, Dhaka

Organized by