

National Institute of Technology, Durgapur
is organising a Webinar Series on
“2D Materials and Devices”

July 15-16, 2020

Distinguished Speakers:

L1: **Dr. Manish Chhowalla**, Goldsmiths' Professor,
Department of Materials Science & Metallurgy,
University of Cambridge, UK (h-index 98)

<https://www.msm.cam.ac.uk/people/chhowalla>

L2: **Dr. Goki Eda**, Associate Professor, Department of
Physics & Chemistry, **National University of
Singapore, Singapore (h-index 59)**

<https://www.physics.nus.edu.sg/staff/gokieda.html>

L3: **Dr. Deep Jariwala**, Assistant Professor, Device
Research & Engineering Laboratory, **University of
Pennsylvania, USA (h-index 33)**

<https://jariwala.seas.upenn.edu/>

Organised by



Convenor: Prof. Amit K. Chakraborty

Professor-in-Charge,

**Centre of Excellence in Advanced Materials, &
Professor, Dept. of Physics, NIT Durgapur**

Contact: coe.am@nitdgp.ac.in, +91 9434788137

Co-convenor: Dr. Abhijit Ghosh, Asst. Prof., Dept. of Physics.

Participation is FREE to all using the following links:

L1 (15.07.2020 at 4 pm): meet.google.com/ion-gjxu-uba

L2 (16.07.2020 at 4 pm): meet.google.com/sat-xfjf-zsv

L3 (16.07.2020 at 6 pm): meet.google.com/ohb-hrud-grh

Pre-registration link: <https://forms.gle/JxqcVgZ21ojH4itZ6>

NB: Certificates will be issued to candidates who will pre-register via the above link subject to verification of attendance.

Theme: Two dimensional materials, such as transition metal dichalcogenides (TMD), boron nitride have attracted large research interest in recent years due to their numerous exciting properties suitable for wide range of applications. This Webinar series is aimed at providing a tutorial on fundamental understanding of what they are, how their properties change from bulk to two dimensions as well as their atomic and electronic structures. The webinar will also discuss their applications in supercapacitors, catalysis and electronics. For further details, please refer to the attached abstracts and brief biographies or contact the convenor.