

*Theme Meeting on*

## **Science and Engineering of Materials using Ion Beams**

*Organised jointly by*

**UGC-DAE Consortium for Scientific Research, Kolkata Centre**

&

**Variable Energy Cyclotron Centre**

**16<sup>th</sup> July 2021**

**Via Video Conferencing**



**Purpose** The meeting intends to provide a platform for the researchers to discuss about the latest trends of research using ion beam facilities at Variable Energy Cyclotron Centre (VECC).

**Participation** Active and prospective users from the universities and colleges across the country who are interested in utilizing energetic ion beams for fundamental and applied research in any area of science and engineering are encouraged to apply.

**Prospects** At VECC high energy ion beams such as H, He, N, O, Ne in the energy range of 7-10 MeV/A are available from the K130 Cyclotron at Salt Lake campus whereas low and medium energy heavy-ion beams are available from ECR based ion implanter and RFQ linac facility. Energy range for C, O, N, Ar ion beams is from 5 keV upto 4 MeV whereas for H, He, Ni, Zn and Ag it is 5-15 keV. Also, proton beams of 30 MeV are available from Medical Cyclotron Facility at Chak Garia campus. Currents areas of research are Radiation Damage Studies, Nano-scale surface engineering, Study of defects and magnetization in dilute magnetic semiconductors, etc, to name a few. Sample characterization facilities are available at the Consortium for Scientific Research CSR-KC and VECC.

**Registration is open for faculty in Universities and Colleges**

For registration please write to Dr. J. B. M. Krishna at [ibmsworkshop2021@gmail.com](mailto:ibmsworkshop2021@gmail.com)

There is **no registration fee** for attending the meeting but **registration is mandatory**.

**Last date for Registration 14<sup>th</sup> July 2021**