



Indira Gandhi Delhi Technical University for Women

Kashmere Gate, Delhi



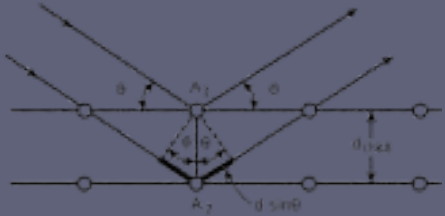
Department of Applied Science & Humanities
under the aegis of
Anveshan Foundation and OSA Chapter

Organizes

One Day Workshop on Characterization Techniques and Data Analysis Tools in Material Sciences

Bragg's law:

$$n\lambda = 2d \sin\theta$$



Patron
Dr. (Mrs) Amita Dev,
Hon'ble Vice Chancellor, IGDTUW

Co-Patron
Dr. R. K Singh,
Registrar, IGDTUW

Organizers

Dr. Chhaya Ravikant,
HOD ASH, Dy. Dean, R&C,
IGDTUW

Dr. Surender K Sharma
Asst Prof, IGDTUW

Materials Science and Engineering is the field that leads in the discovery and development of the materials that makes everything work. The design and discovery of new materials relies on various characterization techniques that make the researchers understand the properties and performance of these materials in great details, the intricate principles of processing - structure - properties relationships.

We invite you to attend the one day workshop on "Characterization Techniques and Data Analysis Tools in Material Sciences", where you can learn more about these techniques and get hands on demonstrations of various data analysis tools that are useful in material science.

Event Details



Speaker
Dr. Kuldeep Kumar

M.Sc | M.Phil | Ph.D in Physics
Asst. Prof., Dept. of Physics,
S.G.T.B. Khalsa College,
University of Delhi

Dr. Kuldeep is currently working in the area of Materials Science: Material characterization techniques, surface plasmon resonance, Plasmonics, band-structure calculations (using freeware package ABINIT), electronics: modelling and simulation (QUCS)

Date: 2 Sept 2020 (Wednesday)

Session 1 [11:00 AM - 01:00 PM]
Characterization techniques (XRD, UV, SEM and TEM) in material science

Session 2 [02:00 PM- 3:30 PM]
Packages and tools to analyze data in material science

Registration Link:

<https://forms.gle/FFtoyQK4pjbJqHAy8>

