



**Winter School 2021**  
**December 31<sup>st</sup> '2021– January 8<sup>th</sup> '2022**  
**Organised by**  
**Department of Physics and Electronics**  
**Hansraj College**  
**University of Delhi**



**Understanding Crystal Structure by X-Ray Diffraction**

**About the Winter School :** In Winter School students will have intensive learning experience. One of the main goals of the Winter School is to stimulate their orientation towards scientific and research activities.

**Topics to be covered :** *X-Ray Diffractometer*  
*Crystal Structure*  
*Scattering of X-Rays by Crystal Structure*  
*Data Analysis for Powder Diffraction method only*

**Delivery mode :** Blended Mode (**M S Teams platform for online session**)

**(STRICT COVID-19 APPROPRIATED BEHAVIOUR WILL BE FOLLOWED)**

**Certificate and Assessment :** Certificate of Participation will be provided only to those students who have 100% attendance for all the session and satisfactorily complete the data analysis session

**Who can apply :** 3<sup>rd</sup> and 2<sup>nd</sup> year students of B. Sc. (H) Physics, B. Sc. (H) Electronics Science, B. Sc. (H) Chemistry and B. Sc. (Prog.) Physical Science of Hansraj College

**Registration link :** <https://forms.gle/WLp5Rx9sJUQhcFib7>

**Registration Fee :** *Free*

**Successful registration means :** Uploading all the required information and documents in Google form as registration link.

**Schedule will be shared with successful registered students only**

**Winter School  
Coordinator**  
**Dr. Ravikant Prasad**

**Organizing Team**  
**Dr. Pradeep Kumar**  
**Dr. Chetana Jain**  
**Dr. Kopal Aggarwal**  
**Dr. Tanuj Dhawan**

**Teacher-In-Charge**  
**Dr. Hema Chutani**  
**Department of Physics  
and Electronics**

**Patron**  
**Prof. (Dr.) Rama**  
**Principal**  
**Hansraj College**