

Continuing Engineering Education Centre,
UET, Lahore

PROGRAMME

24 TH April 2018 (TUESDAY)

Event	Time (Hours)
Registration	0900 – 0930
Recitation from Holy Quran	0930 – 0935
Opening Remarks	0935– 0945
Introduction to XRD	0945 – 1045
Tea Break	1045–1115
Data Analysis	1115–1230
Lunch/Prayer break	1230 – 1330
XRD analysis-Special cases-I	1330-1430
XRD analysis-Special cases-II	1430-1530
Award of Certificates/Closing	1530-1600



University of Engineering and Technology,
Lahore, Pakistan.

Continuing Professional Development
(CPD)

A Workshop on

Crystal Structure by X-ray Diffraction

(One CPD Credit Point)

24th April, 2018

At

*Laser and Optronics Centre,
UET, Lahore*

Resource Persons

1. Prof. Dr. Anwar Latif
2. Prof. Dr. Khurram Siraj

Department of Physics,
UET, Lahore.

PURPOSE AND BACKGROUND

All working professionals including engineers require continuous updating their knowledge and skills to improve working competency and efficiency. University of Engineering and Technology Lahore has started Continuing Professional Development amongst its growing community of professional engineers having planned series of short courses and workshops in addition to many other academic and professional activities.

This workshop has been designed to enhance professional's knowledge about "X-ray Diffraction Technique". The technique of X-ray diffraction for the structural characterizations will be dealt in detail. The manipulation of data obtained by this characterization tool will be discussed. The Civil, Mechanical, electrical, Metallurgical, Material, Architectural, Mining and Geological Engineering graduates and students can be benefitted in their professional field of work and Research.

The course contents will include:

- **Introduction to XRD**
- **Data analysis**
- **XRD analysis-Special cases-I**
- **XRD analysis-Special cases-II**

SPECIAL FEATURE

- ❖ A certificate of one CPD point will be awarded to the participants.

WHO SHOULD ATTEND?

- All Scientist and Engineers.
- Full time Science and Engineering Students (Limited Seats)

COURSE DETAILS

Course Fee: Rs. 3000 for working engineers/Scientists
Rs. 1500 for faculty
Rs. 1000 for students

Course Date: 24th April 2018

Venue: Laser and Optronics Centre, University of Engineering & Technology, G.T. Rd, Lahore 54890.

REGISTRATION PROCESS

Application Form dully filled along with required documents and Fee in the form of Pay Order/ Bank Draft in favour of "PEB Coordinator" or online payment to Habib Bank Limited, UET Branch, A/C No. 01287902267903 should reach on or before 23-04-2018.

1. To: Prof. Dr. Mohammad Ilyas Anjum, P.E.
Director,
Continuing Engineering Education Center
University of Engineering and Technology
Lahore, Pakistan
042-99029497, 99250221
Cell: 03030550949
Email: directorceec@uet.edu.pk

The related information can also be found on the website
<http://www.uet.edu.pk/cpd/index.html?RID=introduction>

PROFILE OF RESOURCE PERSON

1. Prof. Dr. Anwar Latif

He is working as a Professor/Chairman in Department of Physics, UET, Lahore. His research interests are X-ray diffraction, Laser matter interaction and materials.

2. Prof. Dr. Khurram Siraj

He is working as a Professor in Laser and Optronics Centre, Department of Physics, UET, Lahore. His research interests are Lasers, Optical Thin films, Materials, Energy Materials and Optoelectronics.