



DEPARTMENT OF PHYSICS
PONDICHERRY UNIVERSITY
PUDUCHERRY



ज्ञान - विज्ञानं विमुक्तये

Cordially Invite You to the

Inauguration of

UGC Sponsored

SEMINAR

on

STRUCTURAL ANALYSIS THROUGH X-RAY DIFFRACTION
(SAXD-2016)

Prof. (Mrs.) Anisa. B. Khan

*Honourable Vice- Chancellor (i/c), Pondicherry University
has kindly agreed to deliver the inaugural address*

Prof. T. N. Guru Row

*Indian Institute of Science (IISc), Bangalore
has kindly agreed to expound the theme of the seminar*

Venue: Raman Seminar Hall, Department of Physics

Date & Time: 28.01.2016 at 9.15 am



DEPARTMENT OF PHYSICS
PONDICHERRY UNIVERSITY
Seminar on SAXD-2016
INAUGURAL FUNCTION
PROGRAMME



ज्ञान - विज्ञानं विमुक्तये

28 January, 2016

09.15 am – 09.45 am

INVOCATION

- Welcome Address** : **Prof. Ramaswamy Murugan**
Convener, SAXD-2016
Head, Department of Physics
Pondicherry University
- Felicitation** : **Prof. N. Satyanarayana**
Dean, SPCAS
Pondicherry University
- Scope of the Seminar** : **Prof. T. N. Guru Row**
Indian Institute of Science (IISc)
Bangalore
- Inaugural Address** : **Prof. (Mrs.) Anisa B. Khan**
Honorable Vice-Chancellor (i/c)
Pondicherry University
- Vote of Thanks** : **Dr. D. Bharathi Mohan**
Assistant Professor
Department of Physics
Pondicherry University



PONDICHERRY UNIVERSITY
DEPARTMENT OF PHYSICS

University Grants Commission (UGC) Sponsored

Seminar on

STRUCTURAL ANALYSIS THROUGH X-RAY DIFFRACTION
(SAXD-2016)

28-29, January 2016

PROGRAMME SCHEDULE

Venue: Raman Seminar Hall/Room No 229, Department of Physics



ज्ञान - विज्ञानं विमुक्तये

28/01/2016 (Day 1)

08.30 am - 09.15 am	REGISTRATION
09.15 am - 09.45 am	INAUGURAL SESSION
09.45 am - 11.00 am	Technical Session-1 <i>Basics of X-ray diffraction: From symmetry to structure determination</i> Prof. T. N. Guru Row Solid State and Structural Chemistry Unit, Indian Institute of Science (IISc), Bangalore. Chairperson: Prof. Ramaswamy Murugan
11.00 am - 11.15 am	Tea Break
11.15 am - 12.30 pm	Technical Session-2 <i>Structural Crystallography with X-ray Powder Diffraction: From enigma to reality</i> Prof. A.K. Mukherjee, Jadavpur University, Kolkata Chairperson: Dr. S. Sivaprakasam
12.30 pm - 01:45 pm	Lunch Break
01:45 pm - 03.15 pm	Technical Session-3 <i>The Rietveld Method: Strategies for Refinement</i> Dr. Nalini G. Sundaram, Poornaprajna Institute of Scientific Research (PPISR), Bangalore Chairperson: Prof. G. Chandrasekaran
03.15 pm - 03.30 pm	Tea Break
03.30 pm - 05.30 pm	Hands on Training-1 <i>ICDD Introduction; Indexing, Search –Match procedures (only Demo) and Refinement using FULL PROF suite</i> Dr. Diptikanta Swain, Solid State and Structural Chemistry Unit, IISc, Bangalore

29/01/2016 (Day 2)

09.30 am - 11.15 am	Hands on Training-2 <i>Refinement using FULL PROF suite</i> Dr. Diptikanta Swain, Solid State and Structural Chemistry Unit, IISc, Bangalore
11.15 am - 11.30 am	Tea Break
11.30 am - 12.45 pm	Technical Session-4 <i>Crystallography and Single Crystal X-Ray Diffraction</i> Dr. Binoy Krishna Saha, Department of Chemistry, Pondicherry University Chairperson: Dr. D. Bharathi Mohan
12.45 pm - 01.45 pm	Lunch Break
01.45 pm - 3.15 pm	Hands on Training-3 <i>Structure Solution and Refinement from Single Crystal X-Ray Diffraction Data-Part I</i> Dr. Binoy Krishna Saha, Department of Chemistry, Pondicherry University
03.15 pm - 03.30 pm	Tea Break
03.30 pm - 05.15 pm	Hands on Training-4 <i>Structure Solution and Refinement from Single Crystal X-Ray Diffraction Data-Part II</i> Dr. Binoy Krishna Saha, Department of Chemistry, Pondicherry University
05.15 pm - 05.30 pm	Valedictory Session

ROUTE MAP TO REACH RAMAN SEMINAR HALL/ROOM NO. 229

DEPARTMENT OF PHYSICS

