

**75**

Azadi ka Amrit Mahotsav

आजादी का अमृत महोत्सव



## Seminar & Workshop (HYBRID Mode): January 12-13, 2022

### Theme: From Protein to Structure



#### **Advanced Centre for Treatment, Research & Education in Cancer (ACTREC)**

ACTREC is the state-of-art, R&D satellite of the Tata Memorial Centre (TMC) which is the autonomous grant-in-aid institution under the Department of Atomic Energy (DAE), Government of India. ACTREC has two wings Cancer Research Institute (CRI) and Clinical Research Centre (CRC) wherein basic, translational and clinical research are undertaken. Training, Research and Education are distinctive feature of CRI. In CRI, Scientists are actively engaged on interdisciplinary research of cancer biology with the mandate of translational research. CRC is an exclusive clinical research facility within the ACTREC campus. Ongoing activities in ACTREC are playing a vital role in building up the internationally recognized research. For details please visit [www.actrec.gov.in](http://www.actrec.gov.in)

#### **Patron**

#### **Prof. Sudeep Gupta**

Director  
ACTREC-TMC

#### **Convener**

#### **Dr. Ashok K. Varma**

Scientific Officer G &  
Coordinator, BIC, ACTREC

#### **Topic**

- Gene Cloning & Protein Purification
- Crystallization & X-ray diffraction analysis
- Protein Structure Solution & Refinement
- X-Ray Crystallography (Hands-on)
- Computational Modelling of Protein Structure & Molecular Dynamics (MD) Simulations
- Structure visualization (Hands-on)
- Structure Guided inhibitor design, Computational methods in structural biology, QSAR, 3D-QSAR-CoMFA
- Data base analysis

#### **Eligibility and Enrolment**

- Ph.D. students / Research scientists and faculty from Academic Institutions

Please fill out the Registration form using : <https://forms.gle/iDJSPQxxGw3o2Xhr7> before January 9<sup>th</sup>, 2022.

#### **General Informations**

- Webinar zoom link will be provided to the all online Registered Participants only.
- An e-certificate shall be provided to the Participants through their registered e- mail, after they have successfully attended the Webinar

**Registration fee : ₹ 800/- for offline participants**  
**: Free for online participants**

- Registration Fee covers study materials, breakfast and lunch during the conference
- For seminar ( offline) selected applicants will be intimated on **January 10<sup>th</sup>, 2022**
- **Total Number of Participants: 15**
- For webinar (online) selected applicants will be intimated on **January 11<sup>th</sup>, 2022**
- No accommodation will be provided in ACTREC guest house
- No TA / DA will be paid to any participant