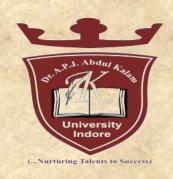
## DR. A. P. J. ABDUL KALAM UNIVERSITY

ARANDIA, INDORE DEWAS BYPASS ROAD, INDORE (M.P.)

# In Association with Make Intern and E- Cell IIT Kharagpur







### **ORGANIZES**

E-CELL IIT KHARAGPUR ZONAL CENTRE SHORT TERM TRAINING CERTIFICATE PROGRAM

ON

## DRUG DISCOVERY DESIGNING AND DEVELOPMENT

28 FEB TO 02 MAR 2019

## FACULTY OF PHARMACY DR. A.P.J.ABDUL KALAM UNIVERSITY

Arandia, Indore-Dewas Bypass Road, Indore (M.P.) 452016
Phone 963045-1479, -1561, -1510, pharmacy@aku.ac.in www.aku.ac.in

#### **ABOUT UNIVERSITY**

The lush green campus of Dr. A. P. J. Abdul Kalam University is located at Indore-Dewas bypass, Indore (M.P). The university was established by the Act of State legislature, M.P. as notified in the official Gazette (extraordinary) of government of Madhya Pradesh on 04th January 2016.

University is pursuing excellence in teaching and research in science and technology, humanities, social sciences, arts and sports. The University supports and promote excellence and innovation in academic programmes, research, scholarship and teaching.

#### **ABOUT TRAINING COURSE & SCHEDULE**

The training course is designed to provide overview of drug discovery methodology and basic hands-on experience with various basic tools that are used routinely in discovery process. The schedule and course content is below

Session	Time	Event		
Day 1 Thursday 28 Feb 2019				
Tour S	10:00 am-11:00am	Inaugural		
Session 1	11:00 am -12:15 pm	Computational Drug Design & Strategies		
Session 2	12:30 pm -01:45 pm	Structure and Ligand Based Drug Design		
	01:45 pm -02:15 pm	LUNCH		
Session 3	02:15 pm -3:30 pm	Demo & Practice		
		(Visualization of Biomolecules with Chimera & Pymol)		
Session 4	03:40 pm -04:40 pm	Special Industry Expert Lecture		
Day 2 Friday 01 Mar 2019				
Session 5	10:00 am -11:00 am	Special Industry Expert Lecture		
Session 6	11:00 am -01:00 pm	Molecular Modeling Strategies		
Maria Sala	Control of the Contro	(Homology, Threading & Ab-initio Modeling)		
	01:00 pm -02:00 pm	LUNCH		
Session 7	02:00 pm -04:15 pm	Demo & Practice (Homology Modeling with Modeller)		
Day 3 Saturday 02 Mar 2019				
Session 8	10:00 am -11:30 am	Molecular docking Simulations and Virtual Screening		
Session 9	11:30 am -01:30 pm	Demo & Practice (Molecular Docking with Auto dock)		
	01:30 pm -02:30 pm	LUNCH		
Session 10	02:30 pm -03:30 pm	Special Industry Expert Lecture		
	03:40 pm -04:40 pm	Valedictory		

#### **BENEFITS OF STTP**

E-cell IIT Kharapur MP Zonal Centre Program, Theoretical and Practical Training, Participation Certificate, Best Five Participant will be sponsored for training in IIT Kharappur, Special Industrial Lectures, the Final Prize Winners at IIT Kharappur will be a awarded with prize of Rs 50,000

#### **ELIGIBILITY**

Faculties, Students, Research Scholars and Professionals

#### **REGISTRATION DETAIL**

Faculty/Students/Research Scholars/Professionals: Rs 2000

Last Date of Registration : 23 FEB 2019.

Participants are required to submit the registration form on the mentioned link <a href="https://goo.gl/forms/IEHnh5h2UrNb9wmf2">https://goo.gl/forms/IEHnh5h2UrNb9wmf2</a> available on university website <a href="https://goo.gl/forms/iehnh5h2UrNb9wmf2">www.aku.ac.in</a>

#### **MODE OF PAYMENT**

Applicants can submit registration fee in the form of Cash/Demand Draft/NEFT/Direct bank transfer in favor of Registrar, Dr. A.P.J. Abdul Kalam, University, Indore. (Account Number: 7402000100043654 IFSC Code: PUNB0740200, Punjab National Bank University Campus, Arandia, Indore).

#### **ORGANIZING COMMITTEE**

I Chief Patron I I	Patron	I Vice Patron I
Dr. Shruti Kapoor	Dr. Sandeep Salodkar	Mr. Rakesh Jatav
	Dr. Deepika Pathak	Mr. Gulshan Kapoor
l Coordinator	T I	Co-Coordinator I
Dr. Raghvendra Dubey		Mr. Harit Rawal
Dr. Revathi Gupta		Dr. Raju Choukse
Dr. Rakesh Patel	D	r. Dharmendra Solanki
		Mr. Sourabh Jain

#### CONTACT

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