

# 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



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Entrepreneurship 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

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## 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 04<sup>th</sup> 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.

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

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## 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 Kharagpur, Special Industrial Lectures, the Final Prize Winners at IIT Kharagpur will be awarded with prize of Rs 50,000

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## ELIGIBILITY

Faculties, Students, Research Scholars and Professionals

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## 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 <https://goo.gl/forms/IEHnh5h2UrNb9wmf2> available on university website [www.aku.ac.in](http://www.aku.ac.in)

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## 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).

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## ORGANIZING COMMITTEE

<b>Chief Patron</b>	<b>Patron</b>	<b>Vice Patron</b>
Dr. Shruti Kapoor	Dr. Sandeep Salodkar Dr. Deepika Pathak	Mr. Rakesh Jatav Mr. Gulshan Kapoor
<b>Coordinator</b>		<b>Co-Coordinator</b>
Dr. Raghvendra Dubey Dr. Revathi Gupta Dr. Rakesh Patel		Mr. Harit Rawal Dr. Raju Choukse Dr. Dharmendra Solanki Mr. Sourabh Jain

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## CONTACT

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