

All India Council for Technical Education (AICTE) Sponsored AICTE Training And Learning (ATAL)Academy



Dr. Harisingh Gour Central University, Sagar, M.P.

One Week Faculty Development Program (FDP-2021) On

"Drug Engineering through Computer Aided Drug Design"

Date: 13th Sept - 17st Sept 2021

Coordinator Prof. Ratnesh Das

Organized by
Department of Chemistry
Dr. Harisingh Gour Central University, Sagar, M.P.

PROGRAM SCHEDULE

Date	10:30AM -11:30AM	12:00PM -1:30PM	2:00PM -3:30PM
DAY-1 13-09- 2021 (Monday)	"Inaugural Session"	"Session-1" -TOPIC- Open source drug discovery: The need of the hour. -SPEAKER- Prof. Samir K Brahmachari Academy Professor, AcSIR Founder Director CSIR - IGIB Former Director General CSIR, India	"Session-2" -TOPIC- Some novel quantum chemical concepts in computational drug design -SPEAKER- Prof. Kalidas Sen INSA Senior Scientist, School of Chemistry University of Hyderabad
Date	10:00AM -11:30AM	12:00PM -1:30PM	2:00PM -3:30PM
Date	"Session-3"	"Session-4"	"Session-5"
	-TOPIC-	-TOPIC-	-TOPIC-
DAY-2	Data mining techniques for designing peptide based medicine	Design of Anthraquinone derivatives as potential anti-cancer agents against Aurora Kinase B	Computer Aided Drug Design Techniques
14-09-2021	- SPEAKER-	-SPEAKER-	-SPEAKER-
(Tuesday)	Prof. G.P.S.Raghava Head Department of Computational Biology, IIIT New Delhi, India	Dr. Punit Kaur Professor and Head, Department of Biophysics , AIIMS, New Delhi	Prof. Esin AKI-YALCIN Pharmaceutical Chemistry Department, Ankara University, Turkey

Date	10:00AM -11:30AM	12:00PM -1:30PM	2:00PM -3:30PM
DAY-3 15-09-2021 (Wednesday)	"Session-6" -TOPIC- Integrating Chemistry with Biology and IT: Towards a Disease Free Planet -SPEAKER-	"Session-7" -TOPIC- Stress Management in Education -SPEAKER-	"Session-8" -TOPIC- Drug discovery: Positives and pitfalls in the Indian scenario -SPEAKER-
	Prof. B Jayaram Professor , Department of Chemistry, IIT Delhi	Dr. Megha Das Assistant Professor Department of Education, IGNTU Amarkantak	Prof. Sonika Bhatnagar Professor and Head, Department of Biotechnology, NSUT, Delhi
Date	10:00AM -11:30AM	12:00PM -1:30PM	2:00PM -3:30PM
DAY-4 16-09- 2021 (Thrusday)	"Session-9" -TOPIC- Transcriptome based lead generation for Drug Discovery -SPEAKER- Prof. Shandar Ahmad Professor, School of Computational and Intergrative Sciences, JNU, Delhi	"Session-10" -TOPIC- Machine learning for Drug Discovery and Development -SPEAKER- Dr. U.C. Jaleel Principal Scientist, OSPF- NIAS Drug Discovery Lab. Bangalore	"Session-11" -TOPIC- Drug Repurposing: A powerful tool to accelerate the Drug Discovery processes -SPEAKER- Dr. Sushil Kashaw Associate Professor Department of Pharmaceutical science, Dr. Harisingh Gour Central University, Sagar

"Session-12" -TOPIC- DAY-5 Discovery "Session-13" -TOPIC- Managing Pandemic Burnout For drug delivery and	Doto	TOTAL TARGOLD	10:00DM 1:00DM	4.00 DW 0.00 DW		
DAY-5 17-09-2021 (Friday) SPEAKER Dr Ho Leung Associate Professor, Biochemistry & Molecular Biophysics, Kansas State University, USA Dr. Privation of Participants and Feedback SESSION-14 -TOPIC Managing Pandemic Burnout For drug delivery and computer aided drug des SPEAKER Dr. Ratnesh Tiwari Professor, Department of Psychology, AMV, University Of Delhi, New Delhi Session-14 -TOPIC Novel synthesis technique for drug delivery and computer aided drug des SPEAKER Dr. Ratnesh Tiwari Professor, Department of Physics, Dr. C V Raman University Bilaspur	Date	10:00AM -11:30AM	12:00PM -1:30PM	1:30PM-3:00PM		
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Discovery Discovery Discovery Discovery Managing Pandemic Burnout for drug delivery and computer aided drug des SPEAKER- Dr Ho Leung Associate Professor, Biochemistry & Molecular Biophysics, Kansas State University, USA Department of Psychology, AMV, University of Delhi, New Delhi Dr. Ratnesh Tiwari Professor, Department of Psychology, AMV, University of Delhi, New Delhi Dr. C V Raman University Bilaspur 3:00PM-4:00PM Examination of Participants and Feedback 4:00PM -4:30PM		-TOPIC-	-TOPIC-	-TOPIC-		
Triday) SPEAKER- Dr Ho Leung Associate Professor, Biochemistry & Molecular Biophysics, Kansas State University, USA Molecular Biophysics, Kansas State University, USA Biophysics, Vansas State SPEAKER- Dr. Priya Bir Associate Professor, Department of Psychology, AMV, University of Delhi, New Delhi Dr. C V Raman University Bilaspur Biaspur SPEAKER- Dr. Ratnesh Tiwari Professor, Department of Psychology, AMV, University of Delhi, New Delhi Dr. C V Raman University Bilaspur	DAY-5		Managing Pandemic Burnout	Novel synthesis techniques		
SPEAKER- Dr Ho Leung Associate Professor, Biochemistry & Molecular Biophysics, Kansas State University, USA Biophysics, Washed Biophysics, Kansas State University, USA Biophysics, Manual Compartment of Paythology, AMV, University of Delhi, New Delhi Biophysics, Washed Biophysics, Dr. C V Raman University Bilaspur Bilaspur Examination of Participants and Feedback 4:00PM -4:30PM	17-00-2021	Discovery	5 5			
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Associate Professor, Biochemistry & Molecular Biophysics, Kansas State University, USA State University, USA State University of Delhi, New Delhi State University Bilaspur State University Bilaspur State University Bilaspur		Dr Ho Leung	Dr.Priya Bir	Dr. Ratnesh		
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