



Office of the Registrar  
**KAZI NAZRUL UNIVERSITY**  
Nazrul Road, Kalla Bypass More,  
P.O. – Kalla (C.H.), Dist: Burdwan, Pin – 713340.

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**Date:** 13<sup>th</sup> July 2020

[Join online Massive Training Programs on Drug Discovery](#)

Dear All Faculty, Researchers, Professionals and Students.

Greetings! Our Hon'ble Prime Minister Shri Narendra Modi strongly believes in our youth power. Hence, he suggested that we should conceptualize a '**Hackathon**' involving our technology youngsters to associate in identifying/designing and development of new drugs against Covid-19 using 'Computational Drug Discovery Approaches'. Considering this suggestion, Ministry of HRD, S and T, AICTE, CSIR under the guidance of Principal Scientific Advisor, Govt. of India conceptualized the '**Drug Discovery Hackathon**' against Covid-19, which was launched on 2nd July 2020.

We have already announced 29 Problem Statements and we expect professionals, faculty, researchers and students from different fields (eg; Computer Science, Pharmacy, Bioinformatics, Chemistry, Biotechnology, etc.) to collaborate and form teams to offer new solutions/drug molecules for the announced problem statements.

As we are keen on getting really high quality submissions for this Hackathon, we felt that 'Massive Online Trainings Sessions' should be conducted by best experts in the field, so that participants can be more productive with a good understanding of the drug discovery field.

On 11th July, we launched this training program in the presence of Hon'ble PSA, Prof. Vijay Raghavan in 3 different 'Verticals' and I appealed to all faculty, researchers, professionals and students to join these training sessions and get trained from the best in the country.

Vertical-1 will focus on various aspects of Drug Discovery and is primarily for Engineering and Technology professionals/students/faculty having a good understanding of Artificial Intelligence/Machine Learning/ Deep Learning/Graph theory, etc. so that these professionals can apply their expertise in the field of drug discovery.

Vertical-2 is primarily for Chemists/Pharmacists/Biologists (Domain experts) having good knowledge of Drug Discovery but keen on learning AI/ML/DL, so that they can think beyond conventional drug discovery approaches,

Vertical-3 is 'Practical Training' for all, keen on having Hands-on experience on various drug discovery tools like Schrodinger, Chemaxon, TopKat, AMBER, R-packages, CDAC Virtual Drug Discovery tool room, etc.



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More importantly, each Vertical will be 35-50 hrs and currently 'aCSIR', the academic wing of Council for Scientific and Industrial Research (CSIR) is considering to recognize them with 3 transferable Academic Credits. Also each trainee successfully completing any Vertical will be eligible for a 'Certificate' signed by Prof. Vijay Raghavan, PSA, Dr. Shekhar Mande, DG CSIR and Chairman AICTE.

Moreover, as 'Internship' is now compulsory for all technology students, enrolment in these trainings followed by entry submission in Drug Discovery Hackathon should be considered equivalent to an 'Internship' and should be eligible for appropriate academic credits from university/institutions.

We hope that this first-of-its-kind opportunity in Bharat should excite each and every faculty, researcher, professional and students to come forward and join this unique movement in our fight against covid-19 pandemic and also help Bharat achieve the bigger goal of emerging only #AtmaNirbhar but also as the 'Global Computational Drug Discovery' Hub.

To join these training sessions starting tomorrow **13<sup>th</sup> July**, please join us **YouTube Channel: MHRD Innovation Cell**.

**AICTE**

**Sd/-**  
**Registrar (Addl. Charge)**

