



**SHRI. DAHYABHAI AMRITALAL SHAH INSTITUTE OF  
BIOTECHNOLOGY**

**organizes**

**Online Workshop On  
INSILICO APPROACH TO DRUG DESIGNING AND ITS ROLE  
IN  
RESEARCH METHODOLOGY**

Guest Speaker

**DR. AFAQUE MOMIN,  
JUNIOR RESEARCH FELLOW,  
KAUST UNIVERSITY, SAUDI ARABIA**

**ON  
11TH FEBRUARY 2023**



Sonopant Dandekar Shikshan Mandali's  
**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE  
AND M. H. MEHTA SCIENCE COLLEGE**

Tal. Palghar, Dist. Palghar, Pin - 401 404.  
Code.: (02525) 252163, Prin : 252317 • Resi.: 252316

website : [www.sdsmcollege.com](http://www.sdsmcollege.com) • Email: [sdsmcollege@yahoo.com](mailto:sdsmcollege@yahoo.com)  
(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 05/01/2023

To  
Dr. Afaq Momin  
Post Doctorate research fellow,  
KAUST University, Saudi Arabia,

**Sub:** Invitation as a Guest Speaker for conducting Online Interdisciplinary Workshop on "Bioinformatics -A Research tool in Drug Designing and its role in Research Methodology" organized by Sonopant Dandekar College, Palghar

Respected Sir,

As per the oral conversation between Dr. Shilpa Gharat, Head, Department of Biotechnology, Assistant Prof. Ishwari Mehta, we are obliged to you for agreeing to conduct a Bioinformatics workshop for our students.

We are pleased to invite you as a resource person for conducting Online Interdisciplinary Workshop on 'Bioinformatics -A Research tool in Drug Designing and its role in Research Methodology', to be organized by Shri Dahyabhai Amritlal Shah Institute of Biotechnology, Sonopant Dandekar College, Palghar from the third or fourth week of January 2023 on Fridays and Saturdays as per the dates convenient to you.

We will be looking forward to your expertise, time and efforts in contributing to this webinar.

Kindly confirm your availability.  
Thanking you in anticipation.


































Yours sincerely,

Dr. K. J. Save  
**Principal**  
Sonopant Dandekar Arts College  
V. S. Apte Commerce College &  
M. H. Mehta Science College,  
PALGHAR (W.R.)  
Dist. Palghar, Pin 401 404.

Close

### Participants (11)

Search

-  **Ishwari Shinde Mehta** (Host, me)  
-  **Afaque Momin**  
-  **(12003) Afrin Shaikh**  
-  **(13014) KishanK. B. Gautam**  
-  **Aarya Vartak**  
-  **Arun M Nair(12012)**  
-  **Kajol Khilare**  
-  **Mansi Goenka**  
-  **Prajwali Bhoir**  
-  **Shivangi tiwari**  
-  **Siddhi shinde msc part 2 biotechn...**  

Invite

Mute All





Sonopant Dandekar Shikshan Mandali's

**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE  
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Ref. No.: Lettof App/49/2023-24

Date: 27/3/23

To  
Dr. Afaq Momin  
Post Doctorate research fellow,  
KAUST University, Saudi Arabia

Sub: Letter of Appreciation

Respected Sir,

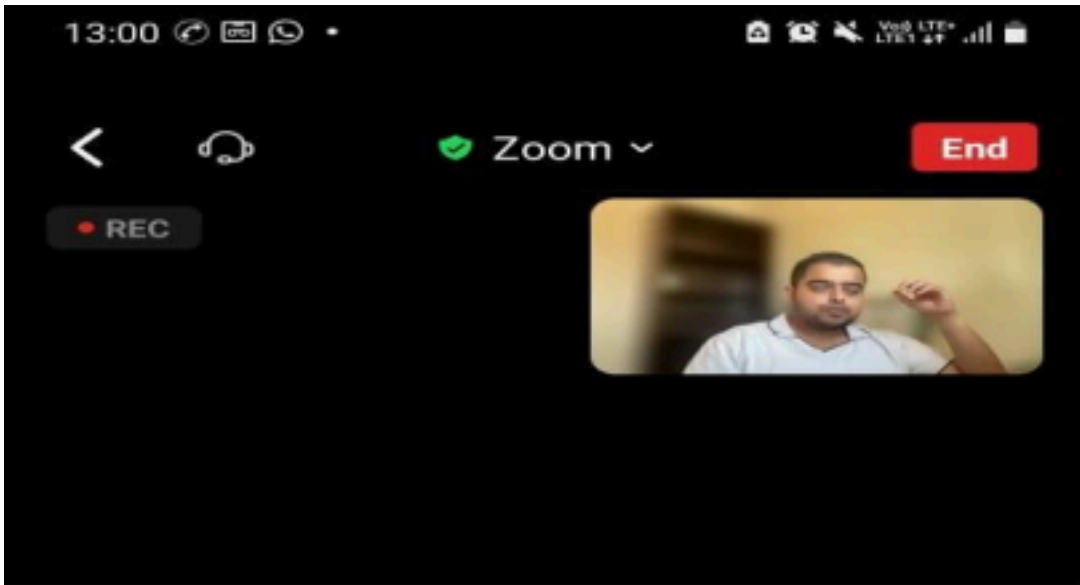
On behalf of Sonopant Dandekar College, Palghar, we are grateful to you for conducting Online Practical sessions for Msc Part 2 Sem 4 students on 'Insilico Approach to Drug Designing and its Role in Research Methodology', organized by Shri Dahyabhai Amritlal Shah Institute of Biotechnology, Sonopant Dandekar College, Palghar, from 11<sup>th</sup> February 2023 to 21<sup>st</sup> March 2023.

We are very thankful for reaching out to us, giving us your valuable time. We greatly appreciate your expertise and efforts for providing an insight on the Practical approach for Genomics and Proteomics.

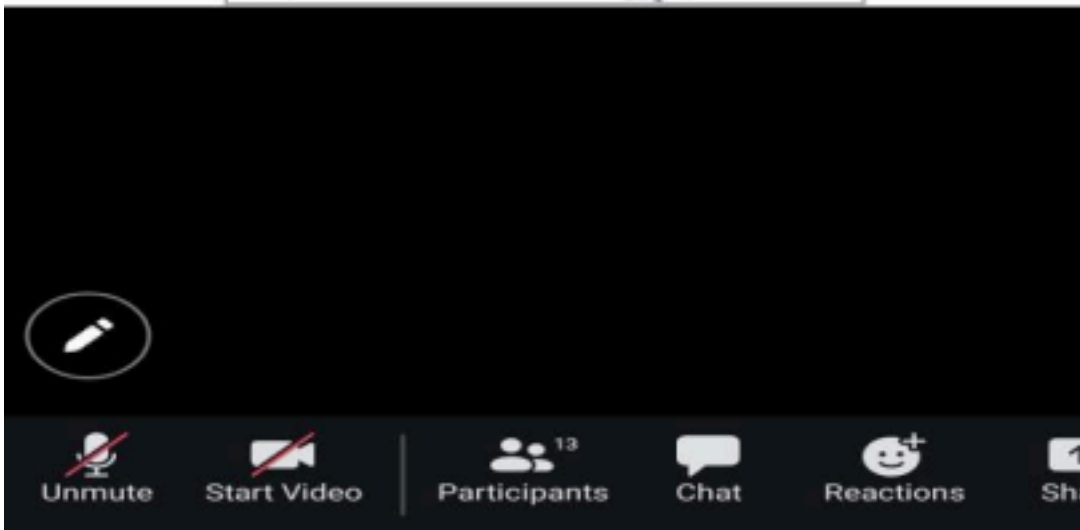
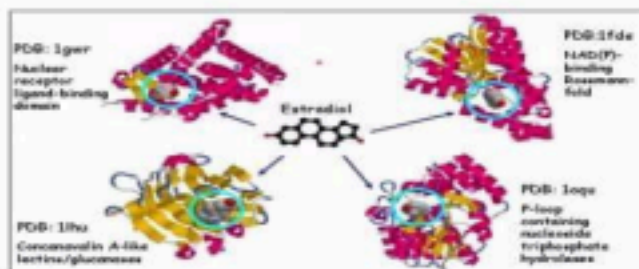
Anticipating interactions with you again in near future for further learning

Regards,

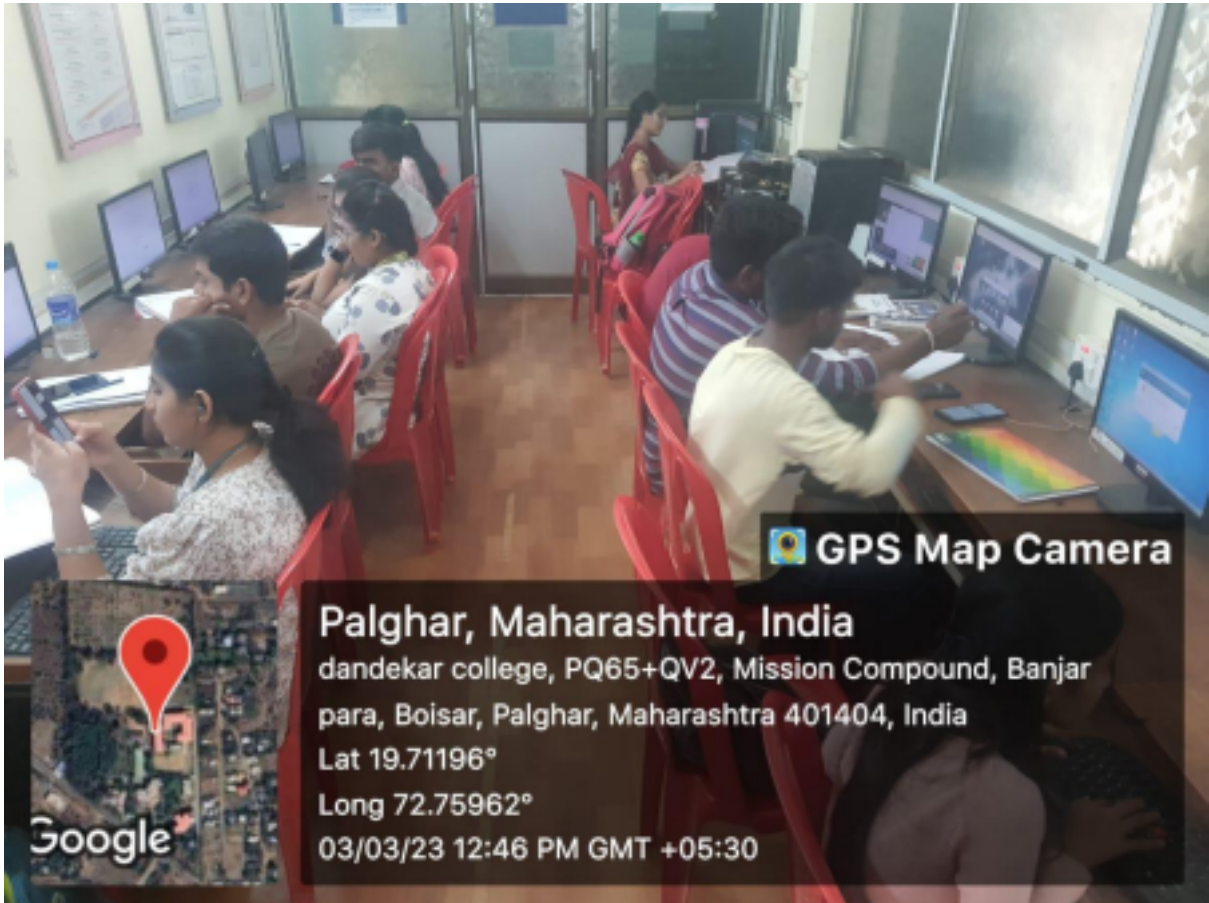
Dr. K.J. Save  
Principal  
Sonopant Dandekar Arts College,  
V. S. Apte Commerce College &  
M. H. Mehta Science College,  
PALGHAR (W.R.)  
Dist. Palghar, Pin 401 404.




- Numerous examples of proteins that have different sequence, but similar fold
- Hence, similar binding partners.
- Commonly the molecules binding to ATP/ANP, Estradiol.







 **GPS Map Camera**

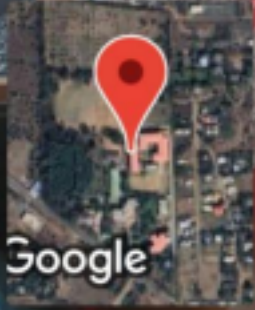
**Palghar, Maharashtra, India**

dandekar college, PQ65+QV2, Mission Compound, Banjar para, Boisar, Palghar, Maharashtra 401404, India

Lat 19.71196°

Long 72.75962°

03/03/23 12:46 PM GMT +05:30



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# DEPARTMENT OF BIOTECHNOLOGY

## Event Report

### ONLINE WORKSHOP ON 'In Silico Approach to Drug Designing and its Role in Research Methodology'

**Date of Workshop: 11 th February 2023 to 21st March 2023**

**Venue: Zoom Meeting**

#### **Objective:**

- The objective of the workshop is to highlight various applications in bioinformatics, which play a crucial role in today's biological research.
- Focus on recent development in the field of bioinformatics and Introduction to drug designing software.
- Live demonstration and hands-on practical of DGIdb tool, Multibind software, ProBis software, and molecular docking software.
- Describe advanced bioinformatics programmes such as Drug Gene Interaction Database (DGIdb), Protein Binding Sites (ProBiS), protein structure visualization software RasMol/Jmol and Computational protein-ligand docking using AutoDock.
- Help students to understand various tools used in bioinformatics to study biological data such as genomic data, protein-sequence data and structural data of macromolecules.



Dr. Shilpa M. Gharat