



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.

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(NAAC Reaccredited 'B' Grade)

Ref. No.: Intquest/268/20.21

Date: 10/03/2021

To
Dr. Afaque Ahmad Momin, PhD
Post doctorate Research Fellow,
King Abdullah University of Science and Technology (KAUST),
Thuwal, Kingdom of Saudi Arabia

Sub: Invitation as a Guest for conducting workshop on "Clinical trial
Practicals" organized by Sonopant Dandekar College, Palghar for MSc
Part 2 students.

Respected Sir,

We are pleased to invite you as a Guest for conducting workshop on
"Clinical trial Practical" organized by Shri Dahyabhai Amritlal Shah Institute
of Biotechnology, Sonopant Dandekar College, Palghar for MSc Part 2
students.

We will be looking forward to your expertise, time and efforts in
contributing to this webinar. Details of the webinar are re-capped as below:

* **Date and Time:** 12th March 2021 at 12.00 pm
19th March 2021 at 12.00 pm
26th March 2021 at 12.00 pm
27th March 2021 at 12.00 pm

Kindly confirm your availability.
Please feel free to contact us in case of any queries.
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.

Received - 10/03/2021



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Ref. No. : Apprec/288/20-21

Date : 22/03/2021

To
Dr. Afaque Ahmad Momin, PhD
Post-doctoral Research Fellow.
King Abdullah University of Science and Technology (KAUST),
Thuwal, Kingdom of Saudi Arabia

Sub: Letter of Appreciation

Respected Sir,

On behalf of Sonopant Dandekar College, Palghar, we are grateful to you for conducting "Practicals for MSc Part 2 Sem 4, Paper PSBT 403" organized for the students of Shri Dahyabhai Amritlal Shah Institute of Biotechnology, Sonopant Dandekar College, Palghar on the following dates:

1. 12th March 2021
2. 19th March 2021
3. 26th March 2021

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 in "Practicals for MSc Part 2 Sem 4, Paper PSBT 403"
Anticipating interactions with you again in near future for further learning

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.

DEPARTMENT OF BIOTECHNOLOGY

Event Report

Name of the Event: Online Workshop on ‘Clinical Trial Practicals’

Date: 12th, 19th & 26th March, 2021

Venue: Online Mode

About the Event:

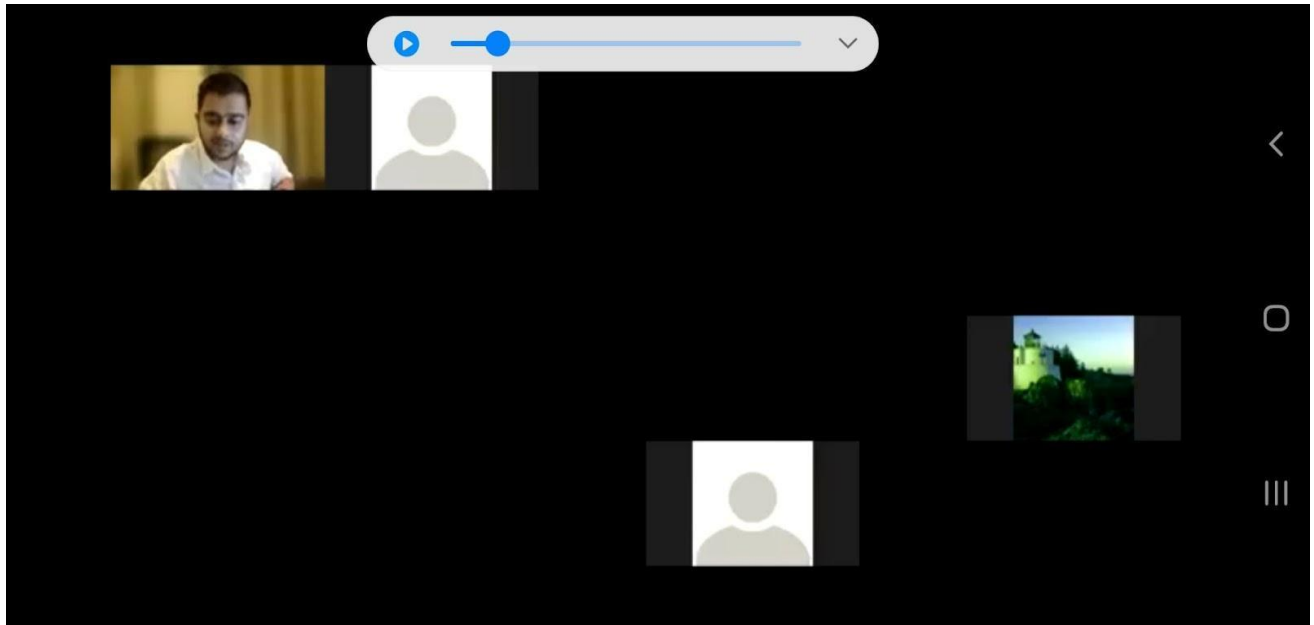
The Department of Biotechnology had organized **online workshops on Bioinformatics** for M.Sc. Biotechnology students which were conducted by **Dr. Afaque Momin, KAUST University, Kingdom of Saudi Arabia**. Workshop was organized every Friday and Saturday in the month of March 2021. The speaker highlighted various applications in Bioinformatics, which plays a crucial role in today's biological research. This workshops provided in-depth knowledge of advanced bioinformatics programmes such as Drug Gene Interaction Database (DGIdb), Protein Binding Sites (ProBiS), and protein structure visualization software RasMol/Jmol. Students performed hands on activities on Computational protein-ligand docking using AutoDock and learnt the in-silico process of drug designing. The workshops also helped students to understand various tools used in bioinformatics to study biological data such as genomic data, protein-sequence data and structural data of macromolecules.



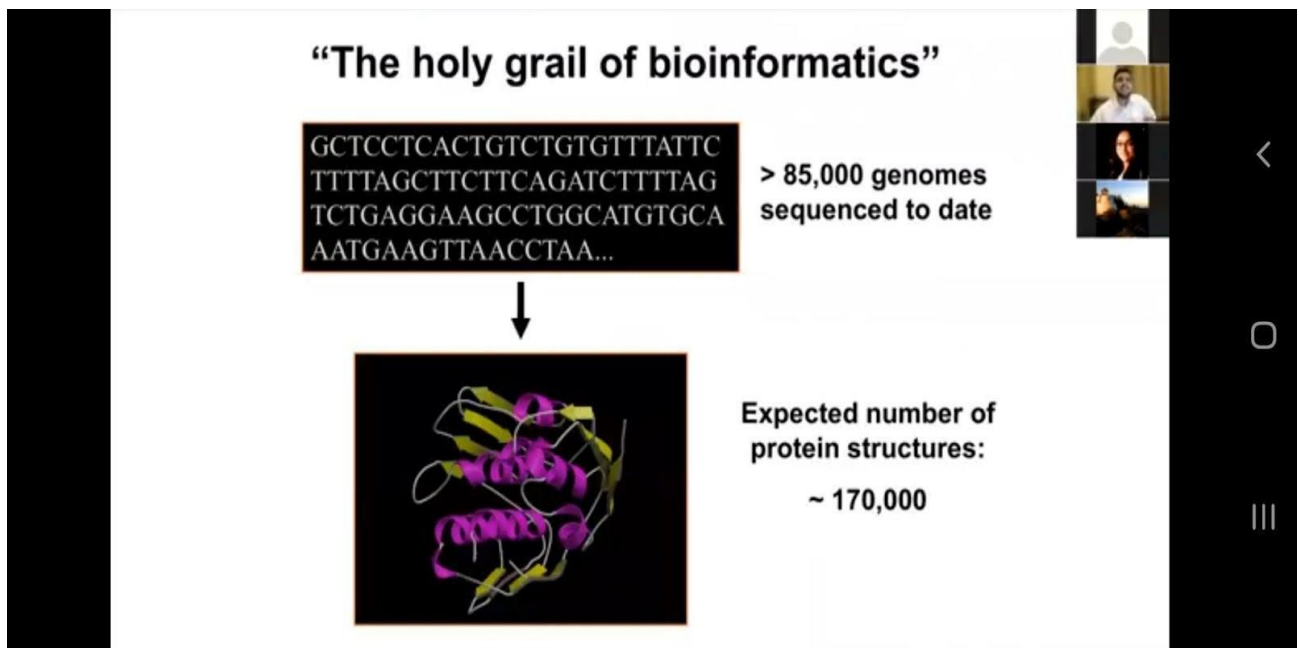
Dr. Shilpa Gharat
HOD, Biotechnology

Glimpses of the Event:

1. Screenshot of the session with attendance



2. Screenshot of the session



“The holy grail of bioinformatics”

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GCTCCTCACTGTCTGTGTTTATC  
TTTTAGCTTCTTCAGATCTTTAG  
TCTGAGGAAGCCTGGCATGTGCA  
AATGAAGTTAACCTAA...
```

> 85,000 genomes sequenced to date

Expected number of protein structures:
~ 170,000

The slide features a central image of a protein structure, colored in purple and yellow, with a black arrow pointing down to it from the DNA sequence above. The slide is displayed within a video conference interface, with a vertical stack of participant thumbnails on the right side.

3. Screenshot of the session

