



**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with A+ Grade by NAAC. Recognised by UGC Under Section 12 B  
Coimbatore - 641 043, Tamil Nadu, India

## **Bharat Ratna Prof.CNR Rao Research Centre**

**Report**

**of the  
One-day online workshop on**

***“In silico research – a boon during COVID pandemic”***

**On 6<sup>th</sup> March 2021, Saturday**

**Time: 10.30 am to 12.30pm**

An online workshop on “*In silico* research – a boon during COVID pandemic” was organized on 6<sup>th</sup> March 2021, Saturday at 10.30 am when Dr.K.Udaya Chandrika, Dean, School of Physical Sciences and Computational Sciences greeted the audience. There were 67 participants from 28 institutions. The workshop was handled by Dr.P.Lalitha, Associate Professor of Chemistry and Co-ordinator , Bharat Ratna Prof.CNR Rao Research Centre. The session started with an introduction to in silico research and how research can be pursued even at times when laboratories are not accessible. The resource person in her talk used software like Swiss ADME, Hex, Molsoft, ISIS, Virtual Chemistry Laboratory and Toxtree to demonstrate the use of software in research. The attendees interacted during the session. Ms.R.Rajalakshmi, Research Scholar in Chemistry also demonstrated the use of mobile phone software for research. The session ended with feedback by participants.

**Bharat Ratna Prof.CNR Rao Research Centre One-day online workshop on“*In silico* research – a boon during COVID pandemic”On 6th March 2021, Saturday Time: 10.30 am to 12.30pm .**

Training on Molecular docking, toxicity prediction and drug likeliness using free software.

During COVID many research scholars feel that they are not able to pursue research. Online tools can be used as preliminary tools and the results can be used to narrow down the wet lab trials.

It also minimises use of chemicals and glassware.

There are 67 registrations and more than 28 institutes all over India participated. There were participants from TamilNadu, Hyderabad, Karnataka, Assam, Odisha, and Maharashtra. 58 females and 9 males participated in the workshop

#### **Participating institutes**

S.NO	Avinashilingam Institute for Home Science and Higher Education for Women
1.	Nehru Arts and Science College
2.	Vibgyor High school , Bangalore
3.	Department of Nanoscience and Technology, Bharathiar University
4.	Bharathiar University
5.	R. V. R. & J. C. College of Engineering, Guntur
6.	RVR JC College of Engineering
7.	UCS Osmania University Hyderabad Telangana state
8.	Satyasai Engineering College, Balasore-756002, Odisha, India
9.	LADY DOAK COLLEGE
10.	TNAU
11.	Thiagarajar college
12.	Avinashilingam institute for home science and higher education for women coimbatore
13.	Kongunadu Arts and Science College

14.	RVR & JC College of Engg. Guntur
15.	Bangalore University
16.	PSGR KRISHNAMMAL COLLEGE FOR WOMEN
17.	Nirmala College for Women, Coimbatore
18.	Bangalore central college campus
19.	MGR College, Hosur, Tamilnadu
20.	Mahendra arts and science college
21.	BIOTECHNOLOGY DEPARTMENT, MIZORAM UNIVERSITY
22.	Bannari Amman Institute of Technology
23.	PSG College of Arts & Science
24.	DKM COLLEGE FOR WOMEN (AUTONOMOUS) VELLORE
25.	Indira Gandhi National Open University
26.	V.O.Chidambaram college
27.	Dr K v Subba reddy institute of pharmacy
28.	Safi Institute of Advanced Study

<b>Time stamp</b>	<b>Email Address</b>	<b>Name</b>	<b>Class /Designation</b>	<b>Institution</b>
2/26/2021 18:27:34	19phzof006@avinuty.ac.in	SANTHANAMBIK A. M. S.	Ph.D Research Scholar	Avinashilingam
2/26/2021 19:27:44	karthika_zoo@avinuty.ac.in	P.Karthika	Assistant Professor in Zoology	Avinashilingam
2/27/2021 13:51:27	gay3avittam2012@gmail.com	Gayathri Unnikrishnan	Ph.D Scholar	Nehru Arts and Science College
2/27/2021 22:36:40	ashikanair1996@gmail.com	ASHIKA K	M.Sc ZOOLOGY	Avinashilingam
2/28/2021 10:26:45	karunambika.v92@gmail.com	Karunambika	Teacher	Vibgyor High school , Bangalore
2/28/2021 10:29:10	vijayaparthasarathy@buc.edu.in	Dr.P.P.Vijaya	Professor	Department of Nanoscience and Technology, Bharathiar University
2/28/2021 10:34:45	mahaganesh7710@gmail.com	Mahalakshmi S	Ph.D., Research Scholar in Department of Nanoscience and Technology	Bharathiar University
2/28/2021 11:30:47	srinunarala@gmail.com	Srinivasa Rao Narala	Assistant Professor	R. V. R. & J. C. College of Engineering, Guntur
2/28/2021 12:12:03	sobhakota2005@gmail.com	Dr. Sobha Kota	Associate Professor	RVR JC College of Engineering
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3/2/2021 22:44:11	19pzo007@avinuty.ac.in	Ganga Sree.V	2nd Msc Zoology	Avinashilingam institute for home science and higher education for women
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3/4/2021 12:47:44	kantipudirambabu@gmail.com	Dr.Kantipudi Rambabu	Associate Professor in Chemistry	RVR &JC College of Engineering

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3/4/2021 14:31:21	<a href="mailto:kk.chem445@gmail.com">kk.chem445@gmail.com</a>	Dr.K.Kalyani	Assistant professor, department of chemistry	RVR&JC College of Engineering, Guntur
3/4/2021 15:45:47	<a href="mailto:chithucmg@gmail.com">chithucmg@gmail.com</a>	Dr. P. Chitra	Assistant professor	Avinashiligam institute of home science and higher education for women
3/4/2021 16:06:47	<a href="mailto:nithya_bc@avinuty.ac.in">nithya_bc@avinuty.ac.in</a>	E Nithya	Assistant Professor	Avinashilingam Institute for Home Science and Higher Education for Women
3/4/2021 17:27:55	<a href="mailto:vasundhara_bc@avinuty.ac.in">vasundhara_bc@avinuty.ac.in</a>	Dr. C.C.S.VASUNDHA RA	Assistant Professor	Avinashilingam Institute for Home Science and Higher Education for Women
3/4/2021 17:43:13	<a href="mailto:nivetham924@gmail.com">nivetham924@gmail.com</a>	Nivetha.M	II M.Sc.,Zoology	Avinashilingam Institution for Home Science and Higher Education for Women ,Coimbatore
3/4/2021 20:11:43	<a href="mailto:yamuna_bc@avinuty.ac.in">yamuna_bc@avinuty.ac.in</a>	S.T.Yamuna	Assistant Professor	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-641043
3/4/2021 23:01:34	<a href="mailto:sudhadevi_bc@avinuty.ac.in">sudhadevi_bc@avinuty.ac.in</a>	Dr. Sudha Devi, M.	Assistant Professor	Avinashilingam institute for Home Science and Higher Education for Women

No.of Participants : 67

Amount paid through R&C account



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**One-day online workshop on**

***“In silico research – a boon during COVID pandemic”***

**On 6<sup>th</sup> March 2021, Saturday**

**Time: 10.30 am to 12.30pm**

**When**

**Dr.K.Udaya Chandrika**

**Dean, School of Physical Sciences and Computational Sciences  
and Professor of Mathematics will**

**Deliver the Greetings**

**Resource person:**

**Dr.P.Lalitha**

**Associate Professor of Chemistry  
& Co-ordinator , Bharat Ratna Prof.CNR Rao Research Centre**

**Registration Fee: Rs.100/-**

**Online Registration Link: <https://tinyurl.com/3y4baj44>**

Google meet link will be sent to registered participants

For registration and other details contact:

[research\\_cnr\\_rao@avinuty.ac.in](mailto:research_cnr_rao@avinuty.ac.in), [lalitha\\_chem@avinuty.ac.in](mailto:lalitha_chem@avinuty.ac.in)



## Feedback of event: as collected from the response of Google form



## Subjective response:

Very useful for our research during pandemic situations

Very informative

Wonderful session

The session was good

Thank you for your valuable lecture mam.

Very interesting and informative session

Very informative session

Very useful and informative

This workshop was very much informative especially for beginners to learn about basics of different in

Certificate for March 6,2021 onlin x +

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Very nice presentation and workshop from Lalitha mam and Rajalakshmi mam and it will help us for further research! Kudos to the organizers!

Very informative especially the presenter made it even more simple with examples

Very informative and useful session

I learned alot of basics from the workshop mam and also how to apply those basics for pilot research works. Thank you for the opportunity.

Really excellent and helpful for further studies

Thanks for this opportunity to learn during this pandemic.

Audible is not clear mam

Thank you so much mam.

36% ENG 23:24 US 09-03-2021

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THE ENTIRE SESSION IS VERY USEFULL TO ME AT THIS TIME BECAUSE NOW MY PROJECT IS ON INSILICO APPROACH.

Very valuable session. Demo sessions were very helpful. Thank you, Mam

Very informative session by the entire team, it was a mind opening session. Thank you mam, and all the members involved in this workshop

WISH TO CONTINUE WITH IN SILICO WORK IN MY LAB. IF POSSIBLE, PLEASE PROVIDE A WORK FLOW STARTING FROM THE IDENTIFICATION OF A RECEPTOR/LIGAND COMBINATION TO THE OVERALL DRUG SCORE DETERMINATION ( A SAMPLE PROBLEM). THAT WILL BE HELPFUL TO STUDENTS TO COMPLETE THE WORK MEANINGFULLY FOR THEIR DISSERTATION AND PUBLICATION TOO IF POSSIBLE.

Good

Good

The session was really satisfying...and learnt many, Thank you!

36% ENG 23:25 US 09-03-2021

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Innovative workshop

Very informative session. We have realised the importance of using Insilico studies.

Very informative and helpful for insilico research work, thank you so much mam

The session was very informative, as the pandemic had taught us look into quick development in the field of medicine this "Insilco" Research is definitely a boom for the future.

Continue with such workshops infuture

Thanks a lot ...

Very informative session...and Gained some knowledge about Molecular docking.

Very informative. Usefull for our Research work.

Overall presentation is relevant and useful. Can we get the Powerpoint presentation?

36% ENG 23:25 US 09-03-2021

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Continue with such workshops infuture

Thanks a lot ...

Very informative session....and Gained some knowledge about Molecular docking.

Very informative. Usefull for our Research work.

Overall presentation is relevant and useful. Can we get the Powerpoint presentation?

Small problem faced with audio and video.overall seminar is informative.

NO

Can be conducted as handson training for research scholars and interested faculty members in molecular docking.

Informative topic

36% ENG 23:25  
US 09-03-2021