



Panchakshri Shivacharya Trust's

Est :- 1973

**Channabasweshwar Pharmacy College (Degree)**

Kava Road, Basweshwar Chowk, Latur-413512 (Maharashtra)

Phone No. (02382) 240192, Fax-(02382) 243855

Email- channabasweshwar@gmail.com Website- www.cdphl.org

Approved by:- Govt. Of Maharashtra, AICTE &amp; PCI New Delhi, Affiliated to :- S.R.T.M.University Nanded.

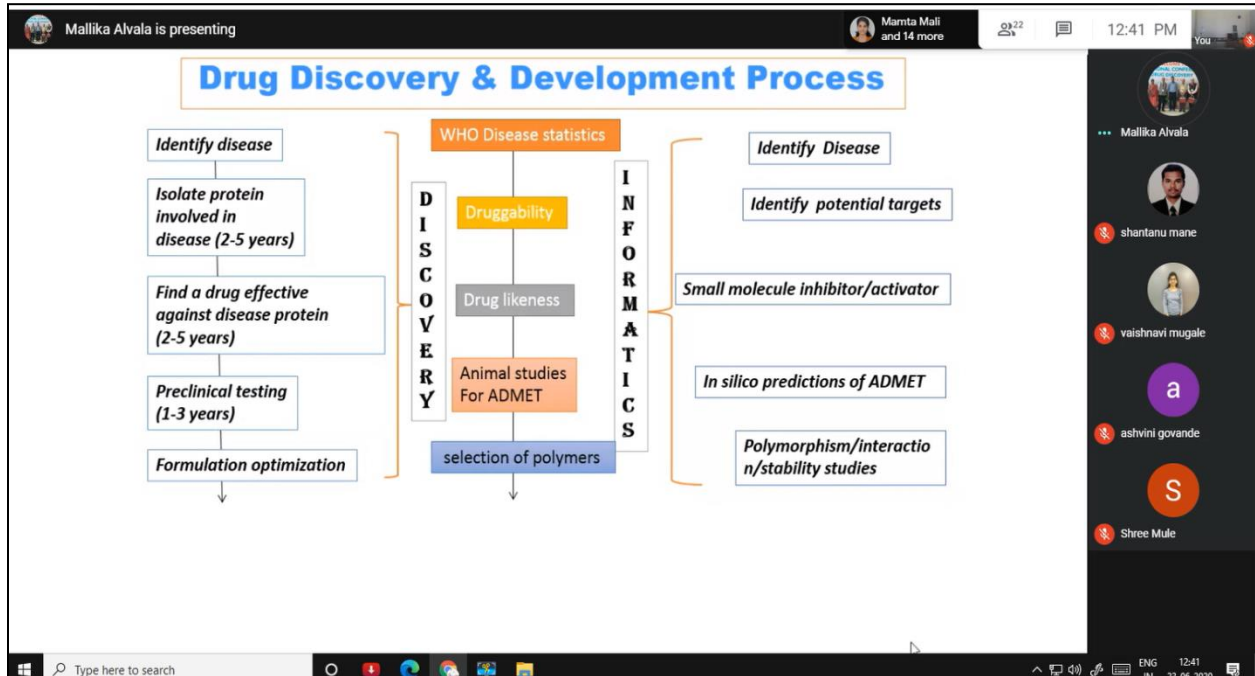
DTE Code :- 2253, University Code :- 947

**Activity No: 35****Activity Name:** Webinar on, “Advanced informatics: Application in Drug Discovery.”**PROGRAM ACTIVITY REPORT SHEET****Academic Year: 2020-21**

Date, Time and Day	Date: 23-06-2020	Time: 12.30PM	Day: Thursday
<b>Introductory Details of function/program/Event/session</b>			
<b>Name of the Activity Domain</b>	Webinar on <b>Research Methodology</b>		
<b>Name of the activity</b>	Webinar on “ <b>Advanced informatics: Application in Drug Discovery.</b> ”		
<b>Organized /Sponsored by</b>	Channabasweshwar Pharmacy College (Degree), Latur.		
<b>Coordinator/Incharge</b>	<b>Mr. Sunil Hindole</b>		
<b>Objective</b>	To extract knowledge from biological data through the development of algorithms and software		
<b>Program Description</b>	On 23 <sup>rd</sup> June 2020, Channabasweshwar Pharmacy College (Degree), Latur. Organized Webinar for the Research Scholar students on the topic “ <b>Advanced informatics: Application in Drug Discovery.</b> ” The Eminent speaker was Dr. Mallika Mogilipalli, founders & training MARS Training Academy, Hyderabad. Resource person shares guidance on various application in drug discovery, On the occasion Principal Dr. Vijayendra Swami S.M, Program Co-ordinator Mr. Sunil Hindole, along with the college teaching faculty & Research students were joined.		
<b>No. of Participants</b>	22		
<b>Outcomes</b>	Develop an understanding of how drugs are evaluated in human clinical trials. Understand the role of intellectual property in drug discovery.		

**Principal**Channabasweshwar Pharmacy  
College (Degree), Latur

## Photographs



Resource person Dr. Mallika madam delivering information regarding drug discovery & development Process Dated on 23/06/20

**Drug Like**  
Chris Lipinski or Pfizer rule

- Molecular Weight (Size) <500 kDa
- # of Hydrogen Bond donors (Sum of NH & OH) <5
- Solubility -2 < [Clog P] <5
- # of Hydrogen Bond acceptors (Sum of N & O) <10
- Molecular flexibility # of rotatable bonds <8
- Molar refractivity 40-100
- Heavy atoms 20-70
- Polar Surface Area (PSA) 0-120 Angstroms [PSA is connected to oral bioavailability]
- Net charge -2 to +2

**Lead Like**  
Verber Rule

- Molecular Weight (Size) <300 kDa
- # of Hydrogen Bond acceptors (Sum of N & O) <3
- # of Hydrogen Bond donors <3
- # of Rotatable bonds <3 [and fewer aromatic rings]
- Solubility 1 < [Clog P] <3

Resource person Dr. Mallika madam shared information regarding various rules of detection of elements Dated on 23/06/20



Mallika Alvola is presenting

Meeting details

People (23)

Chat

Novel scaffold

Modification of existing molecules  
Zinc DB  
PubChem  
ChEMBL  
DrugBank.

Natural products  
plant kingdom,  
microbial world,  
marine world,  
animal sources,  
venoms and toxins  
Natural Products DB.  
Marine DB

Enzyme/substrate DB  
natural ligands for  
receptors  
natural substrates  
enzyme products  
natural modulators

Existing drugs  
Me too drugs &  
Enhancing the  
side effects

Medical folklore  
Plant DB.  
Traditional claims

Mallika CV\_short (1).doc

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ENG 12:55  
IN 23-06-2020

**Person Dr. Mallika madam shared information about Drug Bank Dated on 23/06/20**

Mallika Alvola is presenting

Meeting details

People (20)

Chat

Role of informatics

Target identification	Lead finding	Lead optimization
<b>Bioinformatics</b>	<b>Cheminformatics</b>	
Genomics Proteomics Systems biology Pathway analysis	Molecular databases Combinatorial chemistry HTS screening support Data mining Virtual screening Property Calculation	QSAR <i>In silico</i> ADME Toxicity alerting Bioisosteric design

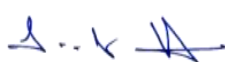
Mallika CV\_short (1).doc

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IN 23-06-2020

**Resource Person Dr. Mallika madam shared information about Role of Bioinformatics in drug discovery process Dated on 23/06/20**

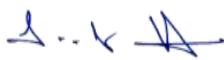


  
Principal  
Channabasweshwar Pharmacy  
College (Degree), Latur

### Attendance of the Program:

Sr. No.	Name of the Student	Attendance
1.	Shantnu Mane	P
2.	Shanta Agwane	P
3.	Prashant bansode	P
4.	Ashwini Govande	P
5.	Archana Yelmate	P
6.	Sheetal Dhole	P
7.	Shraddha Surwase	P
8.	Shivani Kaulkhede	P
9.	Sneha P.	P
10.	Pushkar Kulkarni	P
11.	Sumedh Kamble	P
12.	Pranit Surwase	P
13.	Rohit Kombade	P
14.	Renuka Mundhe	P
15.	Kanchan Waghmare	P
16.	Rupesh Choure	P
17.	Sunil Hindole	P
18.	Dr. O. G. Bhusnure	P
19.	Mallika A.	P
20.	Sagar Waghmare	P
21.	Shreya Shelgenwar	P
22.	Dr. S. N. Nagoba	P



  
**Principal**  
Channabasweshwar Pharmacy  
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**Notice of Program:**

**Panchakshri Shivacharya Trust's** Est :- 1973



## Channabasweshwar Pharmacy College (Degree)

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DTE Code :- 2253, University Code :- 947

Date: - 22/06/2020

**NOTICE**

All the Research Scholars are hereby informed that, our Channabasweshwar Pharmacy College has arranged **Webinar** on the topic “**Advanced informatics: Applications in drug Discovery.**” on 23/06/2020, 12.30PM by **Dr. Mallika Mogilipalli**, Founder and Instructor of MARS Training Academy, Hyderabad. through online mode.

All the concerned students should attend the Webinar on the date and time mentioned above.

  
Principal 22/6/20

**Principal**  
**Channabasweshwar Pharmacy College (Degree)**  
**LATUR**

**Program Flyer:**



Panchakshari Shivacharya Trust's Aloor

# CHANNABASWESHWAR PHARMACY COLLEGE (DEGREE), LATUR



WEBINAR ON TOPIC

**“Advanced informatics:  
Applications in drug Discovery.”**

Resouce Person

**Dr. Mallika Mogilipalli,**  
Founder and Instructor of  
MARS Training Academy,  
Hyderabad.



DATE & TIME

DATE: **23** June  
2020

TIME: **12:30** PM

Coordinator  
**Mr. Hindole Sunil**

Principal  
**Dr. Vijayendra Swamy S. M.**



**Principal**  
Channabasweshwar Pharmacy  
College (Degree), Latur

## Invitation Letter:

Panchakshri Shivacharya Trust's Est :- 1973

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CBPL/Invitation/Webinar/2019-20/ 4732A

Date:-22/06/2020

### Invitation Letter

To,

**Dr. Mallika Mogilipalli,**

Founder and Instructor of MARS Training Academy,

Hyderabad (India).


**Subject: Invitation as Resource Person for Webinar on “Methods of Data  
Collection in Research Process.”**

**Dear Madam,**

It gives me immense pleasure to inform you that our Channabasweshwar Pharmacy College is conducting **Webinar** on “**Advanced informatics: Applications in drug discovery.**” on 23<sup>rd</sup> June. 2020. Your expertise and knowledge in the area would add a great value to the program; we hereby wish to express our inclination to request you to be the resource person on 23<sup>rd</sup> June 2020.

Please acknowledge this letter in lieu of your acceptance.

Thanking you with warm regards.

  
**Principal**  
**Principal**  
Channabasweshwar Pharmacy College (Degree)  
LATUR

Appreciation Letter:

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CBPL/Appreciation/Webinar/2019-20/4732-B

Date:-24/06/2020

**Appreciation Letter**

To,

**Dr. Mallika Mogilipalli,**

Founder and Instructor of MARS Training Academy,

Hyderabad (India).

**Subject: Appreciation letter as Resource Person.**

**Dear Madam,**

I would like to take this opportunity to express my heartfelt thanks to you for your very active participation as Resource Person for the **Webinar** on “**Advanced informatics: Applications in drug discovery.**” It was extremely informative and participation illustrated the importance of this topic to the students.


I once again would like to thank for such a wonderful speech and hope to get a chance to hear such speeches from you in future also.

Thanking you with warm regards.



  
**Principal**  
Channabasweshwar Pharmacy College (Degree)  
Kava Road, LATUR



  
**Principal**  
Channabasweshwar Pharmacy  
College (Degree), Latur