



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 & PCI New Delhi, Affiliated to :- S.R.T.M.University Nanded.


DTE Code :- 2253, University Code :- 947

Activity No: 03**Activity Name:** Webinar on, "Contemporary Drug Discovery and Development in Research Methodology."**PROGRAM ACTIVITY REPORT SHEET**

Academic Year: 2022-23

Date, Time and Day	Date:12-05-2023	Time: 4.30pm	Day: Thursday
Introductory Details of function/program/Event/session			
Name of the Activity Domain	Research Methodology		
Name of the activity	Webinar on, "Contemporary Drug Discovery and Development in Research Methodology."		
Organized /Sponsored by	Channabasweshwar Pharmacy College (Degree), Latur.		
Coordinator/Incharge	Dr. Sakhare R. S.		
Objective	To understand the mechanisms leading to diseases and propose possible targets.		
Program Description	On 12 th May 2023, Research Center, Channabasweshwar Pharmacy College (Degree), Latur. Organized webinar on the topic "Contemporary Drug Discovery and Development in Research Methodology." The Eminent speaker was Dr. Dhatchana Moorthy N., Director R&D EinNext Biosciences, Chennai, Tamil Nadu. Resource person shares their ideas & brief knowledge regarding importance of drug discovery and development in research process. On the occasion Principal Dr. O. G. Bhusnure, Program Co-Ordinator Dr. Sakhare R. S. along with the college teaching faculty & Research students were joined.		
No. of Participants	40		
Outcome	Able to understand the importance of pharmacology in the drug discovery process. Develop an understanding of how drug safety is assessed		




Principal
Channabasweshwar Pharmacy College
(Degree), LATUR

Photographs

Dr Dhatchana Moorthy, N is presenting

The Modern Drug Discovery & Development Process

Outcomes: Validated target, Assay developed, Lead molecule shown effect on target, Clinical candidate, shown effect in an animal model, Drug, safe in humans, Drug, shows effect in humans, Drug, shows effect in large population, FDA approval, manufacture, post-marketing survey, Observation of adverse effects

Drug development process: Target validation, Biological assay, Compound screening, Hit/lead identification, Lead optimization, Pre-clinical development, Phase I (1st in human), Phase II (proof of concept), Phase II (multicentre trials), Phase IV (postmarketing & surveillance), Approved drug for clinical use

Drug development strategies: Target-based drug discovery, Phenotype-based discovery, Opportunity for serendipitous identification of new therapeutic uses, Identification of new therapeutic uses

Drug development process: Phase I, Phase II, Phase III, Approved drug for clinical use

Drug development strategies: Drug repurposing, Interrogation of transcriptomic data

AI in drug development

Sneha Jadhav can now join this meeting

12-05-2023 EinNext Biosciences - Highly Confidential 8

5:09 PM | hhr-rjgg-oct Tracking Started 18 min 54s ago Click To Generate Report

Resource person Dr. Murthy Sir started the seminar Dated on 12/05/2023

Dr Dhatchana Moorthy, N is presenting

Drug discovery and development timeline

Drug discovery	Pre-clinical	Clinical trials	Regulatory approval
5,000-10,000 compounds	250 compounds	5 compounds	1 new drug
<ul style="list-style-type: none"> Target identification and validation Assay development Lead generation 	<ul style="list-style-type: none"> In vitro and in vivo toxicity ADMET PK/PD 	Phase I Phase II Phase III	Post-market surveillance
3-5 years	1-2 years	6-7 years	1-2 years

12-05-2023 9

5:10 PM | hhr-rjgg-oct Tracking Started 20 min 17s ago Click To Generate Report

Drug discovery Process delivered by Resource Person Dr. Murthy Sir Dated on 12/05/2023

Dr Dhatchana Moorthy, N is presenting

Timeline of AI/ML/DL

12-05-2023 EinNext Biosciences - Highly Confidential 15

5:32 PM | hhr-rjpg-oct Tracking Started 42 min 21s ago Click To Generate Report

Resource person Delivering information regarding AI Dated on 12/05/2023

Dr Dhatchana Moorthy, N is presenting

Leading Companies –Advanced AI in Healthcare and Drug

5:48 PM | hhr-rjpg-oct Track Attendance

Vote of thanks Dated on 12/05/2023



[Signature]
Principal
 Channabasweshwar Pharmacy College
 (Degree), LATUR

Notice of the Program:

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Date: - 11/05/2023

NOTICE

All the teaching staff & students are hereby informed that, our Channabasweshwar Pharmacy College has arranged webinar on the topic "Contemporary Drug Discovery and Development in Research Methodology" on 12/05/2023, 4.30PM by Dr. Dhatchana Moorthy, Director R&D EinNext Biosciences, Chennai through online Platform ([https:// meet.google.com/hhr-rjgg-oct](https://meet.google.com/hhr-rjgg-oct)). All the concerned staff & students should attend the webinar on the date and time mentioned above google meet link.



Dr. Bhusnure O. G.

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

Program Flyer:

Panchakshari Shivacharya Trust's Aloor

CHANNABASWESHWAR PHARMCY COLLEGE (DEGREE), LATUR



ONLINE WEBINAR ON TOPIC

Contemporary Drug Discovery & Development in Research Methodology



Resource Person:
Dr. Dhatchana Moorthy. N
Director
R&D EinNext Biosciences,
Chennai. Tamil Nadu.

DATE:  **12** May 2023
TIME:  **4:30** PM

Google Meet Link 


<https://meet.google.com/hhr-rjpgg-oct>

Program Coordinator
Dr. Sakhare R. S.

Principal
Dr. Bhusnure O. G.

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




Principal
Channabasweshwar Pharmacy College
(Degree), LATUR

Invitation Letter:

	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 & PCI New Delhi, Affiliated to :- S.R.T.M.University Nanded.		
DTE Code :- 2253, University Code :- 947		

CBPL/Invitation/Webinar/2022-23/7696

Date:-11/05/2023

Invitation Letter

To,

Dr. Dhatchana Moorthy N.

Director R&D EinNext Biosciences,
Chennai, Tamil Nadu.

**Subject: Invitation as Resource Person for webinar on “Contemporary
Drug Discovery and Development in Research Methodology.”**

Dear Sir,

It gives me immense pleasure to inform you that our Chanabasweshwar Pharmacy College is conducting webinar on “Contemporary Drug Discovery and Development in Research Methodology” on 12th May 2023. 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 12th May 2023.

Please acknowledge this letter in lieu of your acceptance.

Thanking you with warm regards.



Dr. Bhusnure O. G.
Principal
Channabasweshwar Pharmacy
College (Degree), Latur

Appreciation Letter:

Panchakshri Shivacharya Trust's Est :- 1973

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CBPL/Appreciation/Webinar/2022-23/1695

Date:-11/05/2023

Appreciation Letter

To,

Dr. Dhatchana Moorthy N.

Director R&D EinNext Biosciences,

Chennai, Tamil Nadu.

Subject: Appreciation letter as Resource Person.

Dear Sir,

I would like to take this opportunity to express my heartfelt thanks to you for your very active participation as Resource Person for the seminar on “**Contemporary Drug Discovery and Development in Research Methodology**”. 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.



Dr. Bhusnure O. G.
Principal
Channabasweshwar Pharmacy
College (Degree), Latur



Principal
Channabasweshwar Pharmacy College
(Degree), Latur