Tirumala Tirupati Devasthanams
శ్రీ వేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)
NAAC Grade A+

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SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: Add on course on INTRODUCTION TO DRUG DESIGN AND DRUG DEVELOPMENT-1			
DATE	**DEPARTMENT**	**COMMITTEE/SOCIETY**	**COORDINATORS' NAME**
Aug 2025 – Oct 2025	Chemistry and Biochemistry	-	Prof. Sharda Pasricha Dr. Nimisha Sinha Dr. Pragya Gahlot
TIME	**VENUE**	**NUMBER OF PARTICIPANTS**	**NATURE: Outdoor/Indoor; online/offline/hybrid**
3.5 months /	Online	43	Online
FINANCIAL SUPPORT/ASSISTANCE (if any):	Registration Fee		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	**INTRODUCTION TO DRUG DESIGN AND DRUG DEVELOPMENT -1**
OBJECTIVES	The course aimed at introducing students to the process of drug discovery and the steps involved in their development and testing using the latest technology.
METHODOLOGY	The syllabus was curated by the course coordinators and the classes were held in online mode on the like Google Meet and Zoom. The students were give online lectures, videos and hands-on sessions. Study material, Class recordings /videos and PPTs were made available to students via Google classroom. Term end assessment was done online.
INVITED SPEAKERS WITH AFFLIATION DETAILS (IF ANY)	1. Prof. Boyina Rupini, Professor in Environmental Studies, IGNOU 2. Dr Nandita Narayansamy, Sri Venkateswara College, University of Delhi 3. Dr. Ankita Chaudhary -Maitreyi College, University of Delhi 4. Dr. Imran Ahmed, Jamia Hamdard University 5. Dr. Sanal, Professor of Pharmaceutical Chemistry, Al Shifa College of Pharmacy, Perinthalmanna, Kerala, India. 6. Dr. Pragya Gahlot, Department of Chemistry, Sri Venkateswara College

OUTCOMES	The course helped the students in the following: 1.Know what a drug molecule is and the steps involved in its discovery and development. This could help the students design drugs for specific use and check its feasibility 2. Know how the drug-receptor interactions and design drugs for interaction with desired targets 3. Know the clinical and non-clinical testing, applications of technology to analyze a drug entity and to study its effect. 4.Explore testing of drug samples in a laboratory setup 5. Instigate an interest and passion among the students in the field of pharmaceutical chemistry and the pharmaceutical industry.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters ✔	2 Number of Participants & Name of participants ✔	3 Video clip	4 Photos ✔	5 Feedback Form & analysis
6 News clip with details	7 Sample Copy of the Certificate ✔	8 Posters/ Invites ✔	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

Departmental file no: SVC/SP/2024-25/July 2024/01
IQAC File No: SVC/IQAC/SP/2024-25/July 2024
Criterion No: I
NAME OF EVENT-IN-CHARGE & SIGNATURE:  Prof. Sharda Pasricha

Note: Please fill in your own details in places with red font

For Reference

Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance, Leadership & Management
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			

SRI VENKATESWARA COLLEGE
University of Delhi, Benito Juarez Road, New Delhi, 110021

Add-on Course
Introduction to drug design and drug development-I

Aug 2025 – October 2025

Introduction to Drug Design and Drug Development is a course conducted by the Sri Venkateswara College from the month of Aug to October 2025. It introduced students to the concept of drug design and delivery in an elaborate way. Prominent Professors from prestigious institutions all over India took lectures and Hands-on sessions on various topics related to pharmaceuticals.

Objective:
The main objective of this course is to familiarize students with the fundamental concepts and techniques of drug discovery and drug development. The course is intended for students who have a background in chemistry and biology and are interested in understanding the process of drug discovery. The intended outcome is to train students on various aspects of new drug discovery/development, drug screening, target identification, lead discovery, optimization and the molecular basis of drug design and drug action.

- Module 1 – Introduction
- Module 2 –Drug targets
- Module 3 - Pharmacodynamics and Pharmacokinetics
- Module 4 – Rational drug design and discovery
- Module 5 – Computer aided drug development
- Module 6 – Practical and lab visits

Notice:


SRI VENKATESWARA COLLEGE
UNIVERSITY OF DELHI
NAAC A+
PRESENTS
ADD-ON COURSE
ON
INTRODUCTION TO DRUG DESIGN AND DRUG DEVELOPMENT
The course aims is to familiarize students with the fundamental concepts and techniques of drug discovery and drug development and train the students for a future placement in pharmaceutical industries.
Level: Basic
Course fee: Rs. 3000/-
Course Duration: 2 Months
Registration link: https://svc.ac.in/svcd/reg.php
Last date of registration: July 20, 2025
Prerequisites: Basic knowledge of biology, cell structure and anatomy, chemistry
Speakers Experts From Different Indian Universities
COURSE COMPLETION CERTIFICATE shall be provided to the candidates fulfilling the following criteria:
Minimum 50% Attendance and above 40% Marks in all assessments/ assignments
(Online classes will be held on Saturday & Sunday evenings)
For queries, please contact:
Prof. Sharda Pasricha (spasricha@svc.ac.in, 7011405588)
Dr. Pragya Gahlot
Co-coordinator
Prof. Sharda Pasricha
Dr. Nimisha Sinha
Coordinators
Prof. V Ravi
Principal
Patron

List of Students enrolled in the course

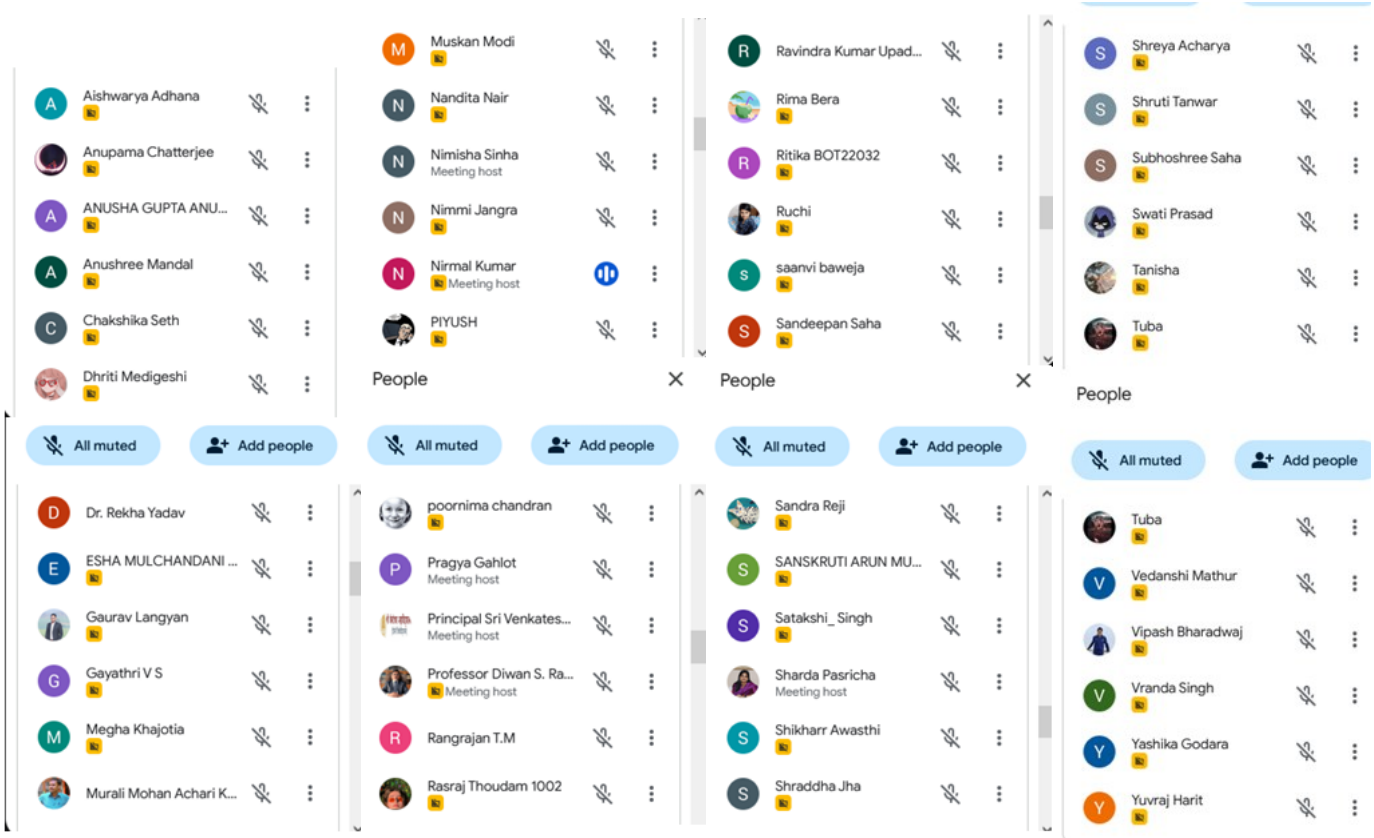
S. No.	Name	Affiliation
1	Aishwarya Adhana	Sri Venkateswara College, University Of Delhi
2	Ruchi	Acharya Narendra Dev College, University Of Delhi
3	Ritika	Daulat Ram College
4	Yuvraj Harit	Department Of Chemistry , University Of Delhi
5	Chakshika Seth	Guru Gobind Singh Indraprastha University (Usbas)
6	Zinat Yadav	Guru Jambheshwar University Of Science & Technology, Hisar, Haryana
7	Gaurav	Guru Jambheshwar University Of Science & Technology, Hisar, Haryana
8	Vipash Bharadwaj	Jamia Hamdard Univrsity
9	Shruti Tanwar	Maitreyi College, University Of Delhi
10	Mauli Pawar	Miranda House, University Of Delhi
11	Dr. Poornima Chandran	Professional /Ip Attorney
12	Satakshi Singh	Sri Venkateswara College, University Of Delhi
13	Tuba	Sri Venkateswara College, University Of Delhi
14	Yashika Godara	Sri Venkateswara College, University Of Delhi
15	Shikhar Awasthi	Sri Venkateswara College, University Of Delhi
16	Swati	Sri Venkateswara College, University Of Delhi
17	Saanvi Baweja	Sri Venkateswara College, University Of Delhi
18	Salvi Singh	Sri Venkateswara College, University Of Delhi
19	Sandeepan Saha	Sri Venkateswara College, University Of Delhi
20	Shraddha Jha	Sri Venkateswara College, University Of Delhi
21	Tanisha	Sri Venkateswara College, University Of Delhi
22	Vedanshi	Sri Venkateswara College, University Of Delhi
23	Akshayah Murali	Sri Venkateswara College, University Of Delhi
24	Anupama Chatterjee	Sri Venkateswara College, University Of Delhi
25	Anusha Gupta	Sri Venkateswara College, University Of Delhi
26	Anushree Mandal	Sri Venkateswara College, University Of Delhi
27	Arjun Rastogi	Sri Venkateswara College, University Of Delhi
28	Deepanshu Pandey	Sri Venkateswara College, University Of Delhi
29	Dhriti Medigeshi	Sri Venkateswara College, University Of Delhi
30	Esha Mulchandani	Sri Venkateswara College, University Of Delhi
31	Gayathri V S	Sri Venkateswara College, University Of Delhi
32	Himanshi Singh	Sri Venkateswara College, University Of Delhi
33	Inaya Zainab	Sri Venkateswara College, University Of Delhi
34	Megha	Sri Venkateswara College, University Of Delhi
35	Muskan Modi	Sri Venkateswara College, University Of Delhi
36	Nandita Nair	Sri Venkateswara College, University Of Delhi
37	Piyush Jaggarwal	Sri Venkateswara College, University Of Delhi
38	Rima Bera	Sri Venkateswara College, University Of Delhi
39	Sandra Reji	Sri Venkateswara College, University Of Delhi
40	Shreya Acharya	Sri Venkateswara College, University Of Delhi
41	Sanskruti Arun Munghate	Sri Venkateswara College, University Of Delhi
42	Subhoshree Saha	Sri Venkateswara College, University Of Delhi

Inaguration



Inauguration ceremony of the add-on course was held on 7th August 2025.. Prof. D. S Rawat, University of Delhi, honoured us with his presence as chief guest. Co-ordinator of the course welcomed the guests and students. Dr. Nirmal Kumar, Vice president of Quality at ALKEM laboratories raced the occasion as Guest of Honour. Our Principal, Prof. V. Ravi, addressed the students and appreciated them for joining the course as it would enhance their skills and knowledge. Dr. Nirmal Kumar delivered the Inaugural lecture. The details of the course and the timetable were shared with the students. The students were also informed about the minimum requirements for the successful completion of the course.





Commencement of the Course:

A Google classroom was created and all the information was posted on it regularly. Classes were taken on Google meet and Zoom. Recordings/ presentations/ reading materials/ links were posted regularly for students.

The first few lectures by Prof. B Rupini introduced the physiochemical and stereo-chemical properties of drug molecules giving the students a very elementary introduction of the course in the most organized manner. The lecture on Enzymes as Drug Targets by Prof. Nandita efficiently discussed enzyme activity and kinetics. Dr. Ankita Chaudhary taught the unit Pharmacodynamics and Pharmacokinetics. Dr. Imran introduced students to the Visualization software and docking softwares in a hands-on practical session. Dr. Imran's lecture on Rational drug design and discovery, characterization and development was very informative and precise. Dr Sanal delivered lectures on Computational Chemistry and QSAR studies in drug discovery and development. These helped students to understand the working process involved in any drug development using latest technologies. Sr. Pragya Gahlot engaged the students in the hands on practical session on 2d and 3d drawing of structures through various freely available software and molecular modelling of small molecules.

The course specified the importance of technology in the drug industry as elaborate computer techniques are used to simplify manual work in many processes of drug discovery and development.

The well-designed lectures by all the professors along with the well curated course plan by the organizers, made students understand the course with utmost clarity and never dying interest.

Permission

Sri Venkateswara College
(University of Delhi)

Ref No.: SVC/Admn/2024/P/ 7th July, 2025

ADD-ON COURSE
on
Introduction to drug design and drug development-I

The College has decided to offer an Add-on Course on *"Introduction to drug design and drug development-I"* for the academic year 2025-2026.This will be the third edition of the course after sucessful completion of 2023-24 and 2024-25 editions. Students pursuing degree programs in science subject in any University/Institution may apply. Selection will be done on first-cum-first-serve basis due to the limited number of seats. Certificate shall be awarded by Sri Venkateswara College, based on the evaluation test to be held at the end of the course.

Course Begins: 8th August, 2025. The classes will be held online on Saturdays, Sundays, and holidays (*evening sessions only*).

Inauguration: 8th August, 2025 (Online)

Fee Structure: Rs. 3000/- (Registration fee Rs. 200/- + Course fee: Rs. 2800/-).

Highlights of the Add-on Course

The course emphasizes various drug databases, drug properties, targets in the body and highlights the importance of drug-receptor interactions, lead discovery, drug design and drug development strategies. The course comprises the following five modules:

- **Module 1 – Introduction**
- **Module 2 –Drug targets**
- **Module 3 - Pharmacodynamics and Pharmacokinetics**
- **Module 4 – Rational drug design and discovery**
- **Module 5 – Computer-aided drug development**
- **Module 6 – Practical and lab visits**
- **Online classes on MS Teams/ Google Meet for all the modules will be conducted on Saturdays, Sundays & holidays by eminent scientists, renowned industry experts & faculty from India and abroad.**
- **Interactive sessions with Industry professionals who are well versed with the concepts, facts, and current demands of the industry.**
- **Laboratory sessions to enhance the practical knowledge of the subject.**
- **Lab visits will be arranged**
- **Duration of the Course: 2+ Months.**
- **Online assessment and evaluation to enhance the levels of competencies and skills of the students.**
- **Flexible assessment and evaluation process.**

The Candidates fulfilling the eligibility criteria, as specified above, may submit the online Admission Form (Link given in the flyer), paying the requisite fee of Rs. 3000/-

(Rupees Three thousand) only online (Registration fee Rs. 200/- + Course fee: Rs. 2800/-), for the academic year 2025-2026, on the following link: https://forms.gle/ZPE8zRXv6xMg9Twf8 ; by 20th July, 2025. The candidates pursuing the Add-On Course and some other courses from the University of Delhi or any other University simultaneously may note that the college does not take any responsibility for the adjustment of dates for classes/examinations.

Mode of Payment of Fee: The fee of Rs. 3000/- (Three thousand) only (Registration fee Rs. 200/- + Course fee: Rs. 2800/-) may be paid online (only) through a Credit Card/Debit Card/Net Banking/UPI/Paytm by payment gateway within the stipulated time. Please do not wait until the last day for the submission of fee. Please complete the process well in time positively. The admission will be guarenteed only after the fee is paid.

Prof. Sharda Pasricha and Dr. Nimisha Sinha
Coordinators

Prof. V Ravi
Principal

Dr. Pragya Gahlot
Co-coordinator

Copy forwarded for information and necessary action to Coordinators and Co-coordinators, Administrative Officer, Section Officers (Administrative & Accounts), Dealing Assistants (Administrative & Accounts), All concerned, College Notice Board/College Website/File.

Sample certificate:

Certificates were awarded to all the 43 successful students.



Sri Venkateswara College
University of Delhi
NAAC A+

CERTIFICATE
of Completion

This certificate is awarded to :

Aishwarya Adhana, Sri Venkateswara College, University Of Delhi

for successfully completing of the Add-on Course titled "Introduction to Drug Design And Drug Development -1" organized by the Sri Venkateswara College from August 2025 to October 2025

Prof. Sharda Pasricha
Coordinator

Dr. Nimisha Sinha
Coordinator

Prof. V. Ravi
Principal, Patron