



SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA (Co-Ed.)

(Sponsored by the Exhibition Society)

Affiliated to Osmania University, Approved by Pharmacy Council of India, New Delhi
NBA Accredited B.Pharmacy Course - NAAC Accredited with A+ Grade
UGC AUTONOMOUS INSTITUTION

Ref.: SNVPMV/2026-27

Date : 22-10-2026

CIRCULAR

The Department of Pharmaceutical Quality Assurance is organizing a guest lecture titled "How AI Is Accelerating Drug Development?" on 22nd October 2026 at 2:30 PM onwards in the IQAC Room. The session will be delivered by Mr. Prashanth Thavutani, Director, Product Line & Technical Architect, Merck Research Laboratories, USA. The programme will be presided over by Dr. B. Prabha Shankar, Chairman, SNVPMV (Co-Ed.).

Objectives of the Guest Lecture

- Create awareness of AI applications in drug discovery and development.
- Introduce emerging areas including laboratory informatics, digital quality assurance, validation, and healthcare analytics.
- Highlight industry expectations and career opportunities for pharmacy graduates in technology-enabled roles.
- Encourage responsible use of AI, verification of AI-generated outputs, and development of statistical and data-analysis skills.
- Motivate students to undertake practical projects integrating pharmaceutical knowledge with AI tools.

Expected Impact

- Improved understanding of AI-driven approaches in pharmaceutical research and drug development.
- Greater awareness of emerging careers in digital quality, laboratory informatics, and healthcare analytics.
- Increased motivation to develop data literacy, responsible AI-use skills, and hands-on project experience.
- Strengthened industry-academia interaction through exposure to current professional practices.

All concerned faculty members and M. Pharmacy students and B.Pharmacy 4th year are requested to attend the session and actively participate in the discussion.

For *Dr. B. Haarika*
(Dr. B. Haarika)

Principal

H.No. 12-5-31 & 32, Vijayapuri Colony, Tarnaka, Secunderabad - 500 017. Telangana, INDIA.

Phone : 040-27002221, Mobile : 92480 77972

e-mail : principal@snvpharmacycollege.com www.snvpharmacycollege.com



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Teaching Staff

S.No	Name of the Staff	Designation	Sign
1.	Dr.B.Haarika	Principal & Professor	
2.	Dr.K.Neelima	Vice-Principal & Professor	<i>Neelima</i>
3.	Dr.N.Srinivas	Director-CAA&P	
4.	Dr.T.Mamatha	Dean Evaluation /Professor	<i>Dr.</i>
5.	Dr.S.Hemalatha	Professor & HOD	<i>Sh</i>
6.	Dr.S.Anuradha Bai	Professor & HOD	<i>Sh</i>
7.	Dr. T.Venu	Professor & HOD	<i>Dr.</i>
8.	Dr. P. Vivek Sagar	Professor & HOD	<i>No</i>
9.	Dr. B. Chandra Shekar Reddy	Professor & HOD	<i>Be</i>
10.	Dr. G. Ramya Balaprabha	Professor & HOD	
11.	Dr. K. Shravan Kumar (01.07.2026)	Professor	<i>KSK</i>
12.	Dr. P. Hyma (28-08-2026)	Professor	<i>P.H</i>
13.	Mrs. R.V.S. Lathasree	Associate Professor & HOD	<i>Dr.</i>
14.	Mrs. K. Geethanjali	Associate Professor	<i>NO</i>
15.	Dr. B. Siva Jyothi	Associate Professor	<i>Dr.</i>
16.	Dr. K.Vinutha	Associate Professor	<i>vinutha</i>
17.	Dr. M. Sreekanth	Associate Professor	<i>Dr.</i>
18.	Dr. K.R.V.S. Chaitanya	Associate Professor	<i>Dr.</i>
19.	Dr. P. Ravi Kumar	Associate Professor	<i>Ravi</i>
20.	Dr. T. Vani	Associate Professor	<i>Vani</i>
21.	Dr. M.Swetha	Associate Professor & HOD	<i>Dr.</i>
22.	Dr. Varalaxmi (01-09-2026)	Associate Professor	<i>Dr.</i>
23.	Dr. Suchitra (22-10-2026)	Associate Professor	<i>Suchitra</i>



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AFFILIATED TO OSMANIA UNIVERSITY, APPROVED BY PHARMACY COUNCIL OF INDIA, NEW DELHI

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NABET-QCI Rated with A Grade-B.Pharmacy



Guest Lecture on

HOW AI IS ACCELERATING DRUG DEVELOPMENT?

on 22nd October 2026, 2:30 PM onwards, at SNVPMV Auditorium

Presided by

Dr. B. Prabhakar Shankar
Chairman, SNVPMV (Co-Ed.)

Organized by
Dept. of Ph. Quality Assurance

Mr. Prashanth Thavutam

Director, Product Line & Technical

Architect Merck Research

Laboratories, USA

Sri. B. Hanumanth Rao

Hon. Secretary

Dr. B. Haarika

Principal

Dr. K. Neelima

Vice -Principal



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REPORT ON GUEST LECTURE

“HOW AI IS ACCELERATING DRUG DEVELOPMENT?”

Date: 22.10.2026

Venue: IQAC Room

Time: 2.30 PM onwards

No. of Participants: 35

Resource Person: Mr. Prashanth Thavutam, Director, Product Line & Technical Architect, Merck Research Laboratories, USA

Organized by: Department of Pharmaceutical Quality Assurance

The Department of Pharmaceutical Quality Assurance, Sarojini Naidu Vanita Pharmacy Maha Vidyalaya (Co-Ed.), Hyderabad, organized a guest lecture on “How AI Is Accelerating Drug Development?” on 22 October 2026. Mr. Prashanth Thavutam, Director, Product Line & Technical Architect, Merck Research Laboratories, USA, delivered the session, and Dr. B. Prabha Shankar, Chairman, SNVPMV (Co-Ed.), presided over it.

The resource person discussed the transformative role of Artificial Intelligence (AI) in drug discovery and development, highlighting applications in laboratory informatics, digital quality assurance, validation, and healthcare analytics. He also outlined emerging career opportunities for pharmacy graduates in technology-driven pharmaceutical roles.

Students were encouraged to strengthen statistical and data-analysis skills, use AI tools responsibly, verify AI-generated outputs against reliable sources, and undertake practical projects using publicly available datasets. The speaker emphasized that combining pharmaceutical domain knowledge with digital competencies and hands-on project experience is essential for professional growth and employability. Students’ enthusiastic participation and thoughtful questions enriched the interactive discussion





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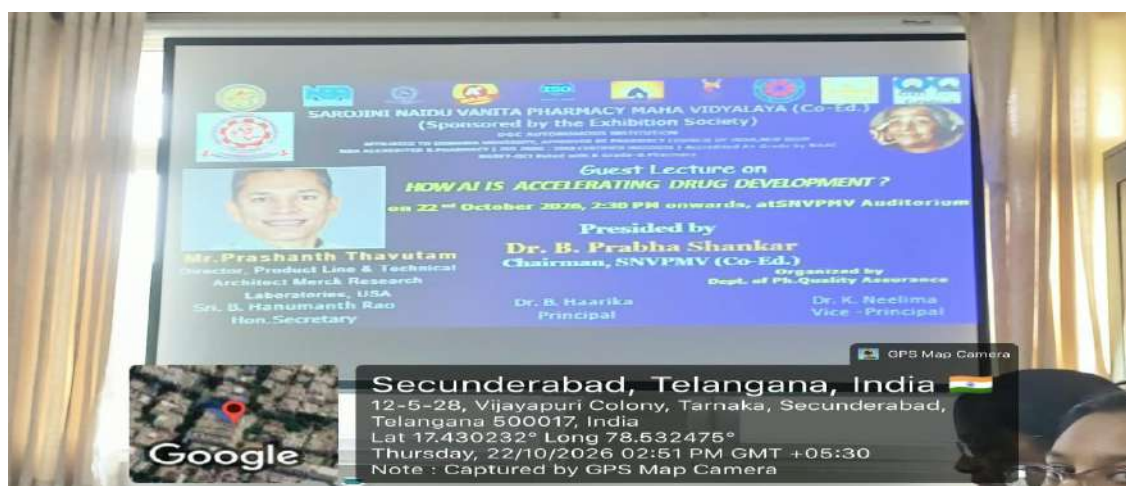
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Outcomes of the Guest Lecture

- Enhanced awareness of AI applications in drug discovery and development.
- Improved understanding of AI-assisted predictive analysis and pharmaceutical research.
- Increased awareness of AI applications in quality assurance, risk management, and process monitoring.
- Recognition of the importance of data integrity, model validation, and regulatory compliance.
- Encouragement of interdisciplinary learning and industry-oriented thinking among pharmacy students.
- Motivation to explore emerging career opportunities in pharmaceutical research and digital technologies.

Conclusion

The guest lecture provided valuable academic exposure to the emerging applications of Artificial Intelligence in pharmaceutical sciences. It highlighted the potential of AI to improve research efficiency, support drug development, and strengthen quality-assurance practices. The programme contributed to students' awareness of technological advancements and their relevance to future pharmaceutical careers.





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GUEST LECTURE ON

HOW AI IS ACCELERATING DRUG DEVELOPMENT ?

Date : 22.10.2026

STUDENT NAME	COURSE & YEAR	SIGNATURE
C. Vedhyasri	B.Pharm III rd Year	Vedhyasri
K. Divya	B.Ph. III Year	Divya
A. Sai Preethi	B.Ph. III Year	Preethi.
D. Manaswini	B. Pharmacy II nd year	Manaswini
E. Likhitha	M. Pharmacy 1 st year	Likhitha
P. Varnika	m-pharm 1 st yr Analysis	Varnika
Tejaswini	m-pharm 1 st yr Analysis	Tejaswini
Vasudhara	m-pharm 1 st yr Analysis	Vasudhara
monika	m-pharm 1 st yr Analysis	monika
Renika	B.pharm 3 rd year	Renika
Likhitha	Bpharm 3 rd yr	Likhitha
Rithika	Bpharm 3 rd yr	Rithika
Nandika	B.Pharm 3 rd yr	Nandika
Rishika	B.Pharm 3 rd yr	Rishika
Arena Naaz	Bpharma 3 rd year	Arena Naaz

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