

School of Pharmaceutical Sciences, U.T.D, R.G.P.V, Bhopal, M.P.

Counseling Schedule

4/3/0003/2025-SEC-4-MP-DTE

1/1093093/2026

कार्यालय, अध्यक्ष काउंसलिंग समिति, संचालनालय तकनीकी शिक्षा, मध्यप्रदेश

टैगोर छात्रावास क्रमांक-T2, प्रथम तल, श्यामला हिल्स, दूरदर्शन रोड, भोपाल-462002

ऑनलाइन काउंसलिंग समय सारणी, सत्र 2026-27 (C-18)

एम.फार्मसी (M.Pharmacy) पाठ्यक्रम में वैध जीपेट स्कोर (Valid GPAT Score)/अर्हकारी परीक्षा के आधार पर प्रथम वर्ष में प्रवेश हेतु (शासकीय, शासन द्वारा घोषित स्वशासी, अनुदान प्राप्त अशासकीय, अनुदान प्राप्त-सम विश्वविद्यालय (डीम्ड विश्वविद्यालय), स्वशासी एवं स्ववित्तीय-विश्वविद्यालयीन एवं निजी क्षेत्र की संस्थान)

प्रथम चरण	
वैध जीपेट स्कोर (Valid GPAT Score) के आधार पर	
गतिविधियाँ	दिनांक/समय
ऑनलाइन रजिस्ट्रेशन/रजिस्ट्रेशन निरस्त	17/06/2026 से 05/07/2026 रात्रि 11:45 बजे तक
रजिस्ट्रेशन में सुधार (Edit Registration) (सत्यापित उम्मीदवारों के लिये रजिस्ट्रेशन में सुधार की सुविधा, रजिस्ट्रेशन की अंतिम तिथि के पश्चात केवल एक बार उपलब्ध रहेगी)	06/07/2026 से 07/07/2026 सायं 5:30 बजे तक
संस्थाओं के प्राथमिकताक्रम का ऑनलाइन ऑनलाइन चयन कर लॉक करना (प्राथमिकताक्रम (Choice filling) में परिवर्तन की सुविधा अंतिम दो दिन उपलब्ध रहेगी)	18/06/2026 से 09/07/2026 रात्रि 11:45 बजे तक
कॉमन मेरिट सूची की उपलब्धता।	10/07/2026
आवंटन पत्रों की ऑनलाइन उपलब्धता/आवंटित संस्था में उपस्थिति (आवंटित संस्था में मूल दस्तावेजों का सत्यापन एवं प्रवेश)	14/07/2026 से 20/07/2026 सायं 6:30 बजे तक
अर्हकारी परीक्षा के आधार पर पंजीयन दिनांक 17 जून 2026 से 31 जुलाई 2026 तक उपलब्ध रहेंगे, शेष प्रक्रिया द्वितीय चरण अनुसार रहेगी।	
द्वितीय चरण	
(प्रथमतः वैध जीपेट स्कोर (Valid GPAT Score) तत्पश्चात् अर्हकारी परीक्षा के आधार पर आवंटन)	
ऑनलाइन रजिस्ट्रेशन/रजिस्ट्रेशन निरस्त	21/07/2026 से 31/07/2026 रात्रि 11:45 बजे तक
रजिस्ट्रेशन में सुधार (Edit Registration) (सत्यापित उम्मीदवारों के लिये रजिस्ट्रेशन में सुधार की सुविधा, रजिस्ट्रेशन की अंतिम तिथि के पश्चात केवल एक बार उपलब्ध रहेगी)	01/08/2026 से 02/08/2026 सायं 5:30 बजे तक
संस्थाओं के प्राथमिकताक्रम का ऑनलाइन ऑनलाइन चयन कर लॉक करना (प्राथमिकताक्रम (Choice filling) में परिवर्तन की सुविधा अंतिम दो दिन उपलब्ध रहेगी)	22/07/2026 से 04/08/2026 रात्रि 11:45 बजे तक
कॉमन मेरिट सूची की उपलब्धता।	05/08/2026
आवंटन पत्रों की ऑनलाइन उपलब्धता/आवंटित संस्था में उपस्थिति (आवंटित संस्था में मूल दस्तावेजों का सत्यापन एवं प्रवेश)	10/08/2026 से 17/08/2026 सायं 6:30 बजे तक
संस्था स्तर की काउंसलिंग (CLC)	
(प्रथमतः वैध जीपेट स्कोर (Valid GPAT Score) तत्पश्चात् अर्हकारी परीक्षा के आधार पर आवंटन)	
ऑनलाइन रजिस्ट्रेशन	प्रवेश के अवसर का दिनांक/समय
19/08/2026 से 23/08/2026	24/08/2026 प्रातः 10:30 बजे से सायं 6:30 बजे तक
उपरोक्त काउंसलिंग उपरान्त रिक्त रह गई सीटों के लिये	
25/08/2026 से 29/08/2026	30/08/2026 प्रातः 10:30 बजे से सायं 6:30 बजे तक
उपरोक्त काउंसलिंग उपरान्त रिक्त रह गई सीटों के लिये	
10/09/2026 से 15/09/2026 अंतिम तिथि को रजिस्ट्रेशन दोपहर 12:30 बजे तक रहेगा	15/09/2026 प्रातः 10:30 बजे से सायं 06:30 बजे तक

• प्रवेश नियम, विस्तृत समय-सारणी, अभ्यर्थी के लिये महत्वपूर्ण निर्देश, अधिकृत सहायता केन्द्रों की सूची आदि वेबसाइट dte.mponline.gov.in पर उपलब्ध है। काउंसलिंग में सम्मिलित होने के पूर्व इनका सूक्ष्मता से अध्ययन कर लें।

• संस्था स्तर की काउंसलिंग में **इच्छुक संस्था में प्रवेश का अवसर प्राप्त करने के लिये** निर्धारित तिथि पर संस्था में प्रातः 10:30 बजे से दोपहर 1:00 बजे तक उपस्थित हुए अभ्यर्थियों की मेरिट तैयार कर, तदुपरान्त मेरिट के अनुसार प्रवेश किये जायेंगे।

प्रवेश निरस्त

➤ काउंसलिंग के किसी भी चरण में प्राथमिकताक्रम का ऑनलाइन चयन कर लॉक करने की अंतिम दिनांक/समय से आवंटन जारी होने तक तथा संस्था स्तर की काउंसलिंग (CLC) में, प्रवेश का अवसर प्राप्त करने की दिनांक को, प्रवेश निरस्तीकरण की सुविधा उपलब्ध नहीं रहेगी।

• संपर्क:- 0755-6720205, 2660441 ईमेल:- dte.helpcenter@mp.gov.in

आयुक्त द्वारा अनुमोदित

Digitally signed by
Yatindra Singh Thakur
Date: 15-06-2026
17:33:31

[प्रो. (डॉ.) वाय. एस. ठाकुर]
अतिरिक्त संचालक
तकनीकी शिक्षा, मध्यप्रदेश

For Counselling Information contact-Dr Farhad F Mehta-M:9893055516, Dr Ram Singh Bishnoi-M:8269112665

From Director's Desk: Dr. Deepti Jain



School of Pharmaceutical Sciences, U.T.D-R.G.P.V, Bhopal is one of the most sought after pharmacy institutes for Post Graduate and Ph. D studies in Central India. Department is continuously working towards becoming a Centre of Excellence in pharmaceutical education and research, the Institute always endeavors to maintain the high standards of quality education by providing stimulating and challenging learning and research environment. The Institute has been the vanguard of research with well-equipped (S.A.I.L) Sophisticated Analytical Instrumentation Lab, outstanding infrastructure, excellent automated central library facility and enriched medicinal garden. The dedicated team of well qualified and experienced faculty members (Ph.D and Post Doc's) are preparing the students to face present challenges and demands of pharmaceutical field in India and abroad.

Establishment

School of Pharmaceutical Sciences is one of the front line institutions in Madhya Pradesh dedicated entirely for post graduate study and research in Pharmaceutical Sciences and allied disciplines, was established on 28th Dec. 2002. Dynamic and internationally top rated research is integrated with excellent teaching to further knowledge and understanding of medicines-how they made, how they act and how people use them to prevent and cure diseases. The school aims to nurture outstanding researchers in a modern, forward-thinking and exciting place of work.

Vision:

“To be an outstanding Department of Excellence ever in pursuit of newer horizons to create self reliant global pharmacists through assured quality education programmes”.

- To be internationally recognized for research and education in Pharmaceutical Sciences.
- To provide quality education to pharma students at all academic levels, using best practices and evidence-based educational approaches and help them to become next generation of scientists, health professionals and educators.
- To provide a transformative learning experience to young pharma graduates in a academic environment that promotes effective mentoring, professional growth and development, and lifelong learning.
- To be recognized as a partner of choice for Indian pharma industries by developing indigenous technologies that can deliver global competence.

Mission:

- To achieve excellence in our educational programs through innovative education and leading-edge research.
- To produce outstanding pharmacists and pharmaceutical scientists who will improve human health, foster exemplary research, and provide sustaining contributions for the advancement of the Pharmaceutical Sciences discipline.
- To promote research and innovation in the thrust areas of 'New Drug Discovery and Development' through cutting edge research.
- To support the governmental initiatives for 'affordable healthcare' through discovery and development of new pharmacotherapeutic agents for critical diseases.

1. Programs offered

1. M. Pharm in Pharmaceutical Chemistry with an intake 10 students
2. M. Pharm in Pharmaceutics with an intake 10 students
3. M. Pharm in Quality Assurance with an intake 10 students
4. Doctoral programs in Pharmaceutical Sciences

2. Faculty Details :

S. No	Name	Designation
1.	Dr. Deepti Jain	Professor-Pharmaceutical Chemistry, Director- S.O.P.S, and Dean Pharmacy, U.T.D-R.G.P.V, Bhopal.
2.	Dr. Suman Ramteke	Professor- Pharmaceutics S.O.P.S, U.T.D-R.G.P.V, Bhopal.
3.	Dr. Anindya Basu	Assistant Professor U.G.C-Faulty Recharge Program Scheme, S.O.P.S, U.T.D-R.G.P.V, Bhopal.
4.	Dr. Anita Dutt Konar	Assistant Professor U.G.C- Faulty Recharge Program Scheme, S.O.P.S, U.T.D-R.G.P.V, Bhopal.
5.	Dr. Farhad F Mehta	Assistant Professor, S.O.P.S, U.T.D-R.G.P.V, Bhopal.
6.	Dr. Ram Singh Bishnoi	Assistant Professor, S.O.P.S, U.T.D-R.G.P.V, Bhopal
7.	Dr. Navneet Dubey	Guest Faculty, S.O.P.S, U.T.D-R.G.P.V, Bhopal
8.	Mr. Nagmani Kumar	Guest Faculty, S.O.P.S, U.T.D-R.G.P.V, Bhopal

3. School Research Areas and Activities:

❖ New Drug Discovery

• Anti Diabetic Drug Discovery

Development of novel carboxylic and non-carboxylic acid inhibitors of protein tyrosine phosphatase-1b and DPP4 for treatment of diabetes mellitus employing high throughput virtual screening protocols.

• New Drug Discovery for Neurodegenerative Disorders

Discovery of Multitargeting therapeutics targeting DYRK 1A, GSK 3 Beta and CDK-5 kinases as a viable strategy for treatment of Alzheimer's disease.

❖ Analytical Method Development

Broadly new methods are developed for

- Stability indicating methods;

- **Bioanalytical studies** i.e. plasma studies; simultaneous estimation of drugs in marketed formulations; and
- Standardization of herbal products.

Stability Indicating Assay Methods have been developed for the drugs as per ICH norms which will be very useful for any industry to launch its any of the product.

Developed bio analytical methods will be of great use in patient to patient drug monitoring and for bioequivalence studies of the marketed formulations. Some analytical methods have been developed for herbal products, their standardization and optimization in terms of active constituents.

❖ **Novel Drug Delivery Systems**

Drug delivery systems can be designed to control the rate and period of drug administration, target specific areas of the body and overcome solubility and stability issues. The Drug Delivery laboratory concentrates on the application of scientific principles to the development of optimal systems for the delivery of therapeutically active molecules to target sites in the body. This involves conventional drug molecules and natural compounds.

Drug delivery research in the School of Pharmaceutical sciences is currently focused on two areas:

- **Nanoparticulate drug delivery** systems- The research involves the development of smart surface nanoparticles for organ specific drug delivery and evaluation of risk associated with particulate carriers.
- **Targeted delivery via the skin** – Research efforts are aimed at the development of a novel skin penetration enhancement technology, targeted drug delivery to the skin and formulation design and optimization for transdermal and topical systems carrying drugs molecules.

4. **Fellowship/Medals/Awards/Honors:**

S. No.	Year of Publication	Number of National Award Presented by National Agencies.
1	2020	00
2	2021	06

3	2022	07
4	2023	04
5	2024	03

List of Awards Received

Name of Awardee	Title of Award	Name of Organization	Date of Award
Dr. Deepti Jain	Awarded "Senior researcher award" in Pharma Vision by 2k25	Shri Balaji book distributors, Bhopal	27.09.20
Dr. Deepti Jain,	Awarded Eminent Principal Award.	IPA-MP Branch Indore	02.10.21
Dr. Ram Singh Bishnoi	Awarded outstanding Assistant Professor Award.	IPA-MP Branch Indore	02.10.21
Dr. Suman Ramteke	Awarded distinguished Professor Award.	IPA-MP Branch Indore	02.10.21
Prof. Suman Ramteke	RGPV Best Paper, Faculty Category	RGPV, Bhopal	22.02.22
Prof. Deepti Jain	RGPV Best Project, Faculty Category	RGPV, Bhopal	22.02.22
Mr. Arvind Jain	RGPV Best Paper, Doctoral Fellow Category	RGPV, Bhopal	22.02.22
Mr. Atul Kumar	RGPV Best Paper, Doctoral Fellow Category	RGPV, Bhopal	22.02.22
Mr. Navneet Dubey	Anvikshana Project Award, Doctoral Fellow Category	RGPV, Bhopal	22.02.22
Mr. Atul Kumar	ICMR-SRF fellowship	ICMR, New Delhi	16.02.2022
Dr. Farhad F Mehta	V.C. Award	R.G.P.V, Bhopal	13.04.2022
Mr. Vinod Kumar Dhote	1 st Position in National Seminar on screening Human health by using medicinal plant.	Vindhya Herbal, Bhopal	13.11.2022
Ms. Ritika Sahu	Young Researcher award.	RB Sciences, Bhopal	05.09.2023
Dr. Farhad Mehta	P.C.I (Pharmacy Council of India) Pharma Anveshan Won best concept note award in granted patent category at National level	P.C.I (Pharmacy Council of India), New Delhi	06.03.2023
Dr. Farhad Mehta	Awarded outstanding Assistant Professor award at Pharma Anveshan.	National Pharmacy Education day organized by Pharmacy council of India (P.C.I) and Smriti	06.02.2024

		college of Pharmaceutical Education, at Indore.	
Ms. Teena Patidar	39 th MP Young Scientist Congress awarded fellowship for training of young scientist by MPCST Bhopal.	MPCST Bhopal	21-23.02. 24
Ms. Ritika Sahu	39 th MP Young Scientist Congress awarded fellowship for training of young scientist by MPCST Bhopal.	MPCST Bhopal	21-23. 02.24

5. Name of all School Laboratories/ Studios:

1. Sophisticated Analytical Instrumentation Lab (SAIL)
2. Machine Room
3. Pharmaceutics Lab, F and D Lab
4. Pharmaceutical Chemistry Synthesis Lab
5. Pharmaceutical Quality Assurance Lab
6. Drug Design Lab
7. AC Classroom with interactive board facility
8. Automated Library
9. Seminar Room
10. Biotechnology Lab
11. Chemical Store

6. School Library:

Fully automated library. Single point access to **6,00,000+ Publications** including, 1000's of Journals from ACS, Taylor & Francis, **25,000+ eBooks** from top Publishers like Cambridge University Press, Wiley, Pearson, Morgan Claypool, Kopykitab, IGI Global and Refread OA Collections and **83,000+ Online Lectures**, Tutorials and Expert Talks can be accessed from anywhere across the globe.

7. Research Facilities:

Sophisticated Analytical Instrumental Laboratory (SAIL)

- High Performance Liquid Chromatograph (Shimadzu, Prominence-I, LC-2030C,3D Plus Japan)
- FTIR Spectrophotometer (Jasco Japan, Shimadzu Prestige IR-21)
- UV Spectrophotometer (Shimadzu UV 1900, Japan)
- X- RAY Diffraction, PANalytical USA, Model- AERIS
- HPTLC, CAMAG, Linomat 5, TLC Scanner 4
- Ultra Performance Liquid Chromatograph (Waters, Austria)
- Freeze Drier (Virtis, USA)
- LC-Mass-Mass (Applied Biosystems, USA)
- Rotary Vacuum Flash Evaporator (Roteva, India)
- Eight Basket Dissolution Test Apparatus (Electrolab, India)
- Differential Scanning Calorimeter (Perkin Elmer, USA)
- Tablet Section (Rotary Tablet Machine, Granulator, Coater with accessories) (Karnavati, India)
- Particle Size Analyzer (Malvern, UK)
- Fluorescent Microscope (Radical, India)
- Refrigerated Centrifuge (Eppendorf, USA)
- Nitrogen Evaporator (Caliper Life Sciences, USA)
- Homogenizer (Omni, USA)
- CHN Analyzer (Elementar, Germany)
- Drug Design Softwares (Schrödinger, Open Eye, Auto Dock)
- Texture Analyser (Stable Microsystems- TA.XT Express U.K.)
- Gel Electrophoresis, Model Clever
- Laminar Airflow

8. Other amenities of the School:

- Automated Library.
- R and D Lab.
- Ph.D Research Lab.
- Seminar Room.

- Wet Lab.

-Wi Fi Facility.

9. Projects Received in the Department.

S. No.	Year of Publication	Number of Research Project sanctioned
1.	2020	01
2.	2021	00
3.	2022	06
4.	2023	08
5.	2024	01
6.	2025	02
7.	2026	01

S No	Year	Title of the R& D Project	Name of PI	Sponsoring agency	Amount sanctioned	Status
1.	30/03/26	Development of a Highly Sensitive Molecular Sensor for Quantitative Detection of Copper (Cu ²⁺) Using UV–Visible and Fluorescence Spectroscopy	Dr Deepti Jain	MPCST	9.00 Lakhs	Ongoing
2.	31/03/25	Pharmacokinetic Pharmacodynamics and Toxicological characterization of Nanostructures for Pharmaceutical application.	Dr. Suman Ramteke	MPCST	6.60 lacs	Ongoing
3.	23/04/24	Fishing out mechanoresponsive hydrogel through chiral orchestration in amphiphilic peptides a potential therapeutic to cancer and microbial challenges	Dr. Anita DuttKonar	C.S.I.R, M.H.R.D, EMR-II New Delhi.	Rs.6,00,000 /-	Ongoing
4.	10/07/23	Development and evaluation of fiber and protein enriched composited bars containing Madhuca longifolia	Dr. Deepti Jain	MFP-PARC, Bhopal	Rs.2,50,000/-	Ongoing
5.	26/07/23	Development and evaluation of Analgesic topical	Dr. Deepti Jain	MFP-PARC,		Ongoing

		formulation of Madhuca longifolia seed oil		Bhopal	Rs.2,50,000/-	
6.	06/11/23	Detection of Voc's as biomarkers from exhale of breath for clinical diagnosis	Dr. Deepti Jain	Anvikshna Grant in Aid, RGPV	Rs.325000/-	Ongoing
7.	06/11/23	Formulation and Characterization of buccal mucosal drug delivery system for Nicotine Replacement Therapy (NRT)	Dr. Deepti Jain (Mentor PI) & Dr. Farhad F. Mehta (PI)	Anvikshna Grant in Aid, RGPV	Rs.200000/-	Ongoing
8.	06/11/23	Characterization and evaluation of phytoactive constituents and its application for the management of polycystic ovarian syndrome (PCOS)	Dr. Suman Ramteke (Mentor PI) & Ms. Neha Shukla(PI)	Anvikshna Grant in Aid, RGPV	Rs.200000/-	Ongoing
9.	06/11/23	Synthesis and characterization of inherently cancer targeted polymeric nanoparticles for the delivery of anticancer drug through CD44 receptors	Dr. Suman Ramteke	(<i>Best Project execution through Anvikshana , RGPV Grant</i>)	Rs.240000/-	Ongoing
10.	06/11/23	Development and evaluation of β -sitosterol loaded transthesomes for anti-arthritis activity	Dr. Suman Ramteke (Mentor PI) & Mr. Junaid Alam (PI)	<i>Anvikshana , RGPV Grant</i>	Rs.500000/-	Ongoing
11.	28/08/23	Crafting machano responsive hydrogel through Orchestation in peptides: A key to dermal wound healing .	Dr. Anita Dutt Konar (PI) & Dr. Anindya Basu (Co-PI)	SERB Power <i>DST Grant New Delhi</i>	Rs.2901800	Ongoing
12.		Bioprocessing of biomaterial.	Dr. Anindya Basu (PI) & Mr. Atul Kumar (Ph. D. Scholar)	<i>Anvikshana , RGPV Grant</i>	Rs.4.29 lakhs	Ongoing
13.	2020	Modernization of existing Pharmaceutical analytical chemistry lab: Introduction of new UV Spectrophotometer and HPLC system.	Dr. Deepti Jain	AICTE MODROBS	20 lacs	Ongoing

14.	2019	Bar code Medication: A novel approach to prevent medication errors.	Dr. Deepti Jain (PI) Dr. Manish Manoriya Director SIRT- Bhopal (Co PI)	TEQIP – III, RGPV	3.00 lacs	Ongoing
15.	2019	Oral glucose responsive nano robotic systems for management of diabetes mellitus.	Dr. Suman Ramteke	TEQIP – III, RGPV	3.00 lacs	Ongoing
16.	2019	Unravelling the proficiency of Peptide Based Bio-inspired Hydrogels as Advanced Materials for Drug Delivery Applications (TEQIP 61).	Dr. Anita Dutt Konar	TEQIP – III RGPV	3.00 lacs	Ongoing
17.	2019	Rational Design of Self-Healing Bacterial Concrete	Dr. Anindya Basu	TEQIP – III, RGPV	3.00 lacs	Ongoing
18.	2017	Scalable bioprocessing platform for the recombinant production of potent novel Antimicrobial peptides". DBT Project No. BT/PR21080/BBE/117/254/2016. Duration 3 years.	Dr. Anindya Basu (PI)	DBT New Delhi	Rs 31.1lacs	Ongoing
19.	2016	Development and characterization of drug loaded surface functionalized carbon Nano tube for treatment of breast cancer. vide letter no. SR/WOS-A/LS-314/2016 dated: 31/08/2016.	Ms. Nidhi Jain	DST Women Scientist Scheme – A (WOS-A)	24.85 lacs	Completed
20.	2016	Structure based design, synthesis, characterization and biological evaluation of some small molecule inhibitors implicated in neurodegenerative diseases. Award no.MANF-2015-17-MAD 50686 dated: 01/04/2016.	Mr. Arvind Jain	MAN-JRF (Maulana Azad National Research Fellowship of Arvind jain.	19.00 lacs	Completed
21.	2016	Comparative study of brain targeting system for	Dr. Suman Ramtake	Dr. UGC (FSER-SC)	5.5 lacs	Ongoing

		treatment of migraine. UGC vide letter no. SERB/F/1957/2016-17 dated: 08/07/2017.		scheme. Fund for Science and Engineering Research,		
22.	2016	Amino acids and peptides as effective carrier for functional material and drug delivery. File no.: A/RD/RP-2/2016-17/58.	Dr. Anita Dutt Konar	M.P.C.S.T-Bhopal	4.9 lacs	Ongoing
23.	2014	In search of bioinspired and functional materials: Its application in nanotechnology and Nano biotechnology	Dr. Anita Dutt Konar	DST	20.0 lacs	Ongoing
24.	2014	R & D project (Bioscience) : Structure Based Design of Novel Non- Carboxylic inhibitors of PTB 1 B enzyme as anti diabetic agents	Prof. Piyush Trivedi	MPCST	9.22acs	Completed
25.	2013	Quantitative Determination of Active Pharmaceutical Ingredients in Pharmaceutical Formulations by FTIR/Near IR Spectroscopy.	Dr. Deepti Jain	AICTE	17.55 lacs	Completed
26.	2013	Development and pharmacokinetic evaluation of multidrug gastro retentive systems for the treatment of H. Pylori	Dr. Suman Ramteke	AICTE	14.11lacs	
27.	2012	Targeted nano carriers for the treatment of cerebral malaria	Dr. Suman Ramteke	UGC	12 lacs	Completed
28.	2011	“Formulation and characterization of biodegradable medicated chewing gum delivery”,	Mr. Farhad Mehta	CSIR-SRF	--	Completed
29.	2011	Potential novel carrier system for the effective management of epithelial malignancies.	Ms. Vandana Gupta	WOS-A-DST (SRF)	--	Completed
30.	2010	Formulation and Characterization of biodegradable	Prof. Piyush Trivedi	MPCST	7.31 lacs	Completed

		medicated chewing gum.				
31.	2008	MODROBS : Modernization of the existing instrumentation room.	Prof. Piyush Trivedi	AICTE	8.00 lacs	Completed
32.	2006	Design and development a novel biologically active moieties (Anticancer anti HIV etc)	Dr. N.S.H. N. Moorthy	AICTE	10.05 lacs	Completed

10. Number of Patents/ Industrial Design Granted (USA Applied, Germany, UK, South Africa & India Granted)::

S. No.	Year of Publication	Number of Patents/ Industrial Design Granted
1	2020	00
2	2021	02
3	2022	01
4	2023	45
5	2024	12
6	2025	15

IPR Activities- Patent and Industrial design (2024-25):

1. German Utility patent granted on topic “Formulation of guava leaf medicated chewing gum”. No.20 24 104 346 grant date 18/11/2024. IPC no. A61K8/61.
2. Indian Patent published on topic “ Method for simultaneous estimation of quercetin and beta sitosterol in plant extract using RPHPLC”, Nov 2024.
3. Indian design registration filed on topic “X Ray Diffraction Apparatus For Determining Crystallinity And Phase Purity Of Synthetic Compounds” on 04 January 2024. Application number:403799-001.
4. Indian design registration granted on topic “Apparatus for Measuring anti-inflammatory, analgesic and antioxidant activity of natural products” on 06 January 2024. Application number:403939-001.

4. Indian design registration granted on topic “Programmable infusion pump to deliver liposomal therapeutics on 04 January 2024. Application number:403791-001.
5. Indian design registration granted on topic “ AI – Based controller stress rheometer for Viscoelectric analysis of emulsion. Design application number-426390-001 dated 10/Aug/2024.
6. Indian design registration granted on topic “ IOT based device for measuring HIV and Hepatitis through Saliva”. Design application number-426392-001 dated 10/Aug/2024.
7. Indian design registration granted on topic “ IOT based breast cancer detection device using micro calcification”. Application number-427794-001 dated 22/Aug/2024.
8. Indian design registration granted on topic “Digital ocular drug delivery device for diabetic retinopathy control”. Application number-427795-001 dated 22/Aug/2024.
9. Indian design registration patent filed on topic “Microfluidic SGPT detection Apparatus with IOT integration”. Under examination. 10 applicant. Design granted application number -433141-001.
10. German Utility patent granted on topic “ Formulation and characterization of Nicotine Buccal Film. Patent filed DRN, Document reference number 2024103019104900DE dated 30/10/2024. Patent Granted Number: 20 2024 106 235, dated 25/11/2024.
11. UK design registration granted on topic “ AI based non invasive brain scanning device for neuro defects identification”. Design Granted Number: 6406023, dated 30 Nov 2024.
12. Indian design registration patent filed on topic “AI Driven real time dissolution testing device”. Under examination Design application number: 454774-001 dated 09/04/2025.
13. Indian design registration patent filed on topic “AI Assisted chemical synthesis optimization system”. Design application number: 454773-001 dated 09/04/2025. Design registration number: 454773-001, Design granted dated 07/07/2025, Serial Number-203718.

14. Indian design registration patent filed on topic “Smart stability testing Chamber with AI Based Shelf Life Prediction. Design application number: 455998-001 dated 21/04/2025. Design granted dated 16/07/2025, Serial Number- 204604.
15. Indian design registration patent filed on topic “AI Enabled automated drug formulation analyser”. Design number:456773-001 dated 28/04/2025. Design Granted date 14/07/2025 , Serial Number- 204443.
16. Indian design registration patent filed on topic “AI- based apparatus for spectroscopic drug identification”. Under examination. Design number:456422-001 dated 24/04/2025. Design Granted date 30/07/2025, Serial Number- 205691.
17. Indian design registration patent filed on topic “Automated power blending system using machine learning”. Under examination Application number 459256-001 dated 20 May 2025.
18. Indian design registration patent filed on topic “Deep learning based Drug-Drug Interaction analyser”. Application number 461467-001, CBR Number-212082 dated 06 June 2025. Application Granted, Serial Number-208987 dated 11/09/2025
19. Indian design registration patent filed on topic “AI- Powered HPLC system for predictive Retention Time Estimation”. Application number 463497-001 dated 25/06/2025. Granted Date 15/10/2025, Serial Number 211213.
20. Indian design registration patent filed on topic “Automated Pharmacokinetic simulation and testing unit”. Application number 464833-001, filling date 07/07/2025. Granted Date 08/10/2025, Serial Number 210414.
21. Indian design registration patent filed on topic “AI integrated Micro fluidic device for personalized Drug formulation”. Filling Date: 18/07/2025. Granted Application number 466211-001, Serial Number-213363, dated 11/11/2025.
22. Indian design registration patent filed on topic “Bioavailability testing chamber for dissolution rate analysis in lab 8”. Under examination. July 2025. Application number 468182-001 dated 02/08/2025. Granted on 11/12/2025, Serial Number: 215876.

23. Indian design registration patent filed on topic “Artificial Intelligence Chromatography Analysis Device based10”. Under examination, design application Number 469392-001 dated 12/08/2025.

24. Canadian copyright granted on Topic “Nanoparticles for targeted delivery of doxorubicin for breast cancer cells”, Category-Literature, Grant date 01/08/2025. Registration Number- 1235585. Granted by Officer of the Office of the Commissioner of Patents, Canada.

25. Indian design registration patent filed on topic “Pharmacokinetic parameter demonstration apparatus for student laboratory sessions”.. Application Number 470838-001, filling dated 23 August 2025. Granted on 11/12/2025, Serial Number: 215411.

26. Indian design registration patent filed on topic “AI based advanced capsule filling and sealing machine outer body structure”. Application Number 472359-001 dated 04/09/2025. Granted on 11/12/2025, Serial Number: 215567.

27. Indian design registration patent filed on topic “AI assisted Pharmacokinetic and Toxicity prediction system”. Under examination, Application Number 471494-001 dated, 27 August 2025.

11. Book /Chapter by Faculties:

S. No.	Year of Publication	Number of Book / Book Chapter
1	2020	01
2	2021	05
3	2022	04
4	2023	05
5	2024	03
6	2025	03

Book chapter/ Book published (2024-25):

1. Dr. Farhad F Mehta published book on the topic “Formulation and Characterization of NiotineBuccal Film” Published by LAP Lambert Academic Publishing, Omniscryptom S.R.L. Publishing group, Str.A.Russo15, Chisinau 2068, Republic of Maldova, Europe.

ISBN:978-620-7-48304-4, Price: 60.90 €. Available for purchase on <https://www.lap-publishing.com/>. Copyright © Farhad F Mehta, Digvijay Kumar.

2. Dr. Farhad F Mehta, KajalAgrawal and DrDeepti Jain published book on the topic “Formulation and Characterization of Niotine Mouth Spray” Published by LAP Lambert Academic Publishing, Omnisciptom S.R.L. Publishing group, Str.A.Russo15, Chisinau 2068, Republic of Maldova, Europe. ISBN:978-620-7-48769-1, Price: 60.90 €. Available for purchase on <https://www.lap-publishing.com/>. Copyright © Farhad F Mehta, KajalAgrawal, Deepti Jain.

3. Basu A., DuttKonar A., Bioderived Materials: Harnessing Nature for Advanced Biochemical Handiwork, (2024) Edited Book DOI: 10.2174/97898151368691240101; eISBN: 978-981-5136-86-9, 2024 .

4. Dr. Deepti Jain and Dr. Farhad F. Mehta published book on the topic “Formulation, Optimization and Characterization of Mucoadhesive Films” Published by LAP Lambert Academic Publishing, Omnisciptom S.R.L. Publishing group, Str.A.Russo15, Chisinau 2068, Republic of Maldova, Europe. ISBN:978-620-8-43554-7, Price: 60.90 €. Available for purchase on <https://www.lap-publishing.com/>. Copyright © Farhad F Mehta, Aakash Kushwaha, Deepti Jain.

5. Dr. Farhad F Mehta published book on the topic “Formulation and Characterization of Nicotine Wafer” Published by LAP Lambert Academic Publishing, Omnisciptom S.R.L. Publishing group, Str.A.Russo15, Chisinau 2068, Republic of Maldova, Europe. ISBN:978-620-8-42717-7, Price: 60.90 €. Available for purchase on <https://www.lap-publishing.com/>. Copyright © Farhad F Mehta, Zahoor Malik.

12. Research paper published in Peer Reviewed journals:

S. No.	Year of Publication	Number of Papers
1	2020	25
2	2021	11
3	2022	14
4	2023	06
5	2024	19

6	2025	33
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Research Paper Published (2024-25):

1. Patidar T, Ramteke S. Development and Validation of a Robust HPLC Method for Simultaneous Quantitative Analysis of Quercetin and β sitosterol in Plant Extract. *Food Analytical Methods*, 17 (2024), 393-405. <https://doi.org/10.1007/s12161-024-02581-1>.
2. RahulMauraya, SumanRamteke, Narendra Kumar Jain, Quality by design (QbD) approach-based development of optimized nanocarrier to achieve quality target product profile (QTPP)-targeted lymphatic delivery published by IOP issn: 1361-6528 *Nanotechnology* April 2024, DOI:10.1088/1361-6528/ad355b.
3. Anand V, Singhai N, Shukla A K, Ramteke S. Design synthesis and assessment of clarithromycin mesoporous silica nanoparticles encapsulating for enhanced topical drug administration. *Vol 15 (3) May 2024: 357-368. DOI: 10.15515/abr.0976-4585.15.3.357368*
4. Kumar A, Mishra B., DuttKonar A, Mylonakis E, and Basu A., (2024) Molecular Dynamics Simulations Help Determine the Molecular Mechanisms of Lasioglossin-III and Its Variant Peptides' Membrane Interfacial Interactions. *Journal of Physical Chemistry B*, DOI: 10.1021/acs.jpcc.4c02387
5. Juhi S., Basu A, Lim S. Synthesis and Applications of Bacterial Cellulose Composites In Bioderived Materials: Harnessing Nature for Advanced Biochemical Handiwork, 2024, DOI: 10.2174/9789815136869124010008
6. Patel D, Patil A, Mehta F F, Kasode M L, Desu S R, Balakashmi C and Trivedi H J. Development and evaluation of nose to brain drug loaded microemulsion. *Int. J. Zool .Investig.* 2024; 10(1): 475-481.
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10. Mehta F F, Sarma S S, Kaur M P, Mallamma, Gupta N, Choudhary P, Tripathi K, Mahapatra L. Design and evaluation of NSAID's loaded drug Ethosomal gel formulation for Rheumatoid Arthritis. *Afr. J. Bio. Sc.* 2024; 6 (Si4): 511-522. ISSN: 2663-2187. Doi: 10.48047/AFJBS.6.Si.2024. 511-522.
11. Sunkara S P, Mehta F F, Aqeel S, Nath A V B, Behera S K, Katual M K, Kaur R, Parija S. Formulation, Evaluation of Mucoadhesivebuccal film of Felodipin using factorial design. *Afr. J. Bio. Sc.* 2024; 6(6): 7807-7817. ISSN: 2663-2187. Doi: 10.48047/AFJBS.6.6.Si.2024.7807-7817
12. Raziya S K, Babu B K, Srivastava R, Mehta F F, Shakya S, Chakraborty G, Mamathadevi A B, Babu B K.. Recent advances in engineering and therapeutic application of Tetracyclin loaded Nanoparticles. *Biochem.Cell. Arch.* 2024; 24 (2): 2717-2730. ISSN: 0972-5075. DOI: <http://dx.doi.org/10.51470/BCA.2024.24.2.2717>.
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14. Mehta F F, Bhattacharjee A, Sharma R, Gupta N, Srivastava A, Akiladevi D, Dwivedi D, Thulasimani T. Preperation and evaluation of Famotidine loaded solid lipid nanoparticle for oral drug delivery. *Biochem.Cell. Arch.* 2024; 24 (2): 2851-2858. ISSN: 0972-5075. DOI: <http://dx.doi.org/10.51470/BCA.2024.24.2.2851>.
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STAT 3 medicated drug resistance. *Biochem.Cell. Arch.* 2024; 24 (2): 2761-2770. ISSN: 0972-5075. DOI: <http://dx.doi.org/10.51470/BCA.2024.24.2.2761>.

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34. Rishabh Ahuja, Manju Singh and Anita Dutt Konar* Hydroxy-Lauric Acid Tethered Self-Assembled Heterochiral Diphenylalanine-Based Mechanoresponsive and Proteolytically Stable Hydrogel: A Dual Player for Handling Cancer and Proteolytically Stable Hydrogel: A Dual Player for Handling Cancer and Bacterial Challenges ACS Applied Biomaterial, American Chemical Society (ACS), 2576-64228.
35. Rishabh Ahuja, Manju Singh and Anita Dutt Konar* Hydroxy-Lauric Acid Tethered Self-Assembled Heterochiral Diphenylalanine-Based Mechanoresponsive and Proteolytically Stable Hydrogel: A Dual Player for Handling Cancer and Proteolytically

Stable Hydrogel: A Dual Player for Handling Cancer and Bacterial Challenges. *ACS Applied Biomaterial*, American Chemical Society (ACS), 2576-64228, 2025.

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13. MOU signed between SOPS, UTD, RGPV and other agencies:

1. MOU was signed for Collaboration In Research And Teaching Between School Of Pharmaceutical Sciences (SOPS), Rajiv Gandhi Prodyogiki Vishvavidyalaya, UTD-RGPV, Bhopal & ICMR-National Institute For Research In Environmental Health, Indian Council Of Medical Research (ICMR), Bhopal.
2. MOU was signed for Collaboration In Research And Teaching Between School Of Pharmaceutical Sciences (SOPS), Rajiv Gandhi Prodyogiki Vishvavidyalaya, UTD-RGPV, Bhopal & Adanya Herbal Care Pvt Ltd a company incorporated under the Companies Act, 1956 and having its registered office at 3/176, Sec. -B, Priyadarshani colony, Sitapur Road, Lucknow- 226020,(U.P.)India.
3. MOU was signed for collaboration in Research and Teaching between School Of Pharmaceutical Sciences (SOPS), Rajiv Gandhi Prodyogiki Vishvavidyalaya, UTD-RGPV, Bhopal & Department of Pharmacy, Shri G.S. Institute of Technology & Science, Indore.
4. MOU was signed for collaboration in Research and Teaching between School of Pharmaceutical Sciences (SOPS), Rajiv Gandhi Prodyogiki Vishvavidyalaya, UTD-RGPV, Bhopal & Pinnacle Biomedical Research Institute (PBRI) Hills Road, Depot Square, Bhopal.

EVENTS ORGANIZED BY S.O.P.S, U.T.D, R.G.P.V: (2025-26)

1. One day International Conference on topic “Harnessing Artificial Intelligence for Drug Discovery and Design” organized by S.O.P.S on 04th January 2025.

School of Pharmaceutical Sciences, University Teaching Department of Rajiv Gandhi Proudyogiki Vishwavidyalaya organized one day International Conference on topic “Harnessing artificial intelligence for drug discovery and design” on 04th January 2025. Chief Guest of the event was Professor Naveen Seth, Ex Vice Chancellor, Gujrat Technical University, Gandhi Nagar, Gujrat. Around 500 Pharma professionals, Faculty members,

Research scholars and Students attended the conference. Key note speaker for the event was Professor Naveen Seth, Ex Vice Chancellor, Gujrat Technical University, and vote of thanks was delivered by Dr. Suman Ramteke, Professor, SOPS, UTD, RGPV, Bhopal. Event was followed by Alumni meet, cultural program and subsequent dinner hosted by, SOPS, Department.

2. School of Pharmaceutical Sciences (SOPS), Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal, organized a two-day International Conference (6-7 Feb 2026) under MP PRIDE-2026 in hybrid mode at the University Senate Hall. The conference commenced on Friday with the theme “Imaginary Logic: Creative Innovation and Translational Drug Delivery.”

The conference was inaugurated by Hon’ble Vice-Chancellor Prof. S. C. Choubey, who also presided over the inaugural session. Dr. R. R. Tiwari, Director, ICMR-NIREH, Bhopal, graced the occasion as the Chief Guest, while the Keynote Speaker was Dr. M. N. V. Ravi Kumar, Professor, University of Alabama, USA.

Addressing the gathering, Prof. Deepti Jain, Director, School of Pharmaceutical Sciences and Conference Convener, highlighted the evolving role of pharmacy education in meeting global healthcare needs. She emphasized that the integration of emerging technologies with pharmaceutical education is essential to guide innovation in the right direction.

In his keynote address, Dr. M. N. V. Ravi Kumar elaborated on modern drug delivery systems, nano-drug delivery, and the significance of translational research. He emphasized that the route of administration and appropriate dosage are critical factors that determine the efficacy and safety of a drug. He stressed that a deep physiological understanding is indispensable for developing effective and safe pharmaceutical products. Dr. Ravi Kumar also highlighted the immense potential of nano-drug delivery systems in targeted and controlled drug delivery, while noting that large-scale manufacturing remains a major challenge.

Dr. R. R. Tiwari, in his address, described the pharmaceutical sector as a strong pillar of employment and economic growth, stating that India ranks third globally in the pharmaceutical sector. He highlighted the Government of India’s initiatives, including the ₹10,000 crore allocation under the BioPharma Shakti Scheme, and emphasized the need to balance innovation with environmental sustainability.

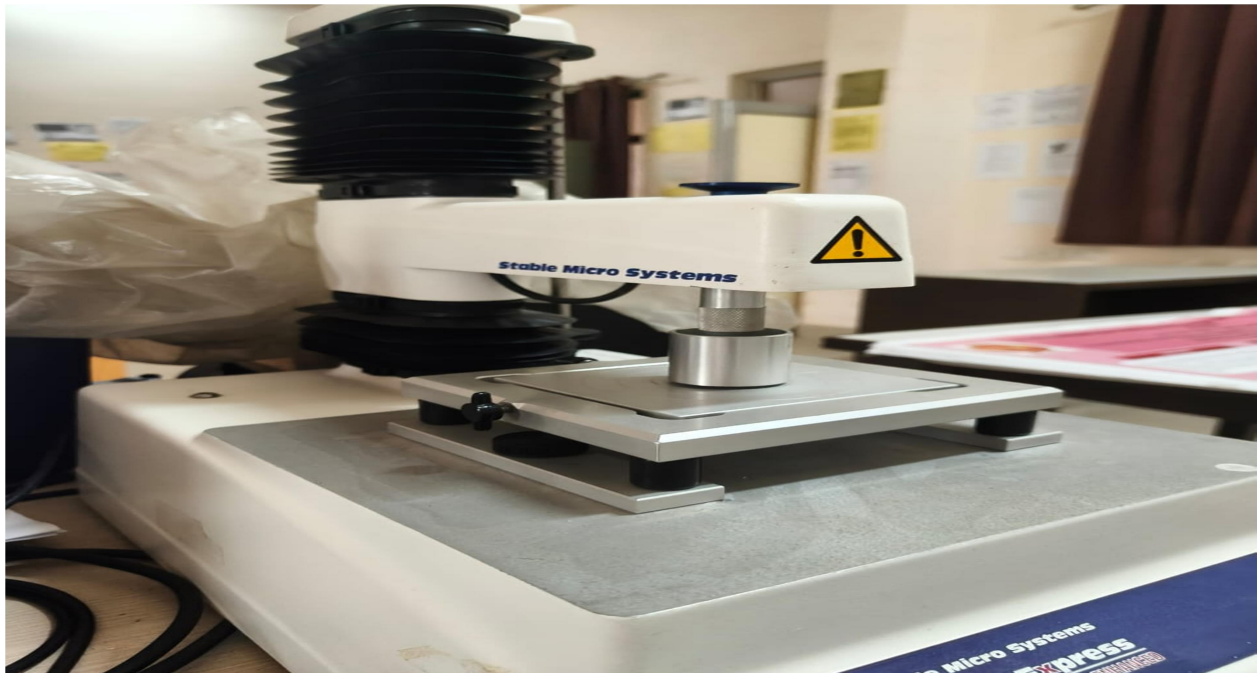
In his presidential remarks, Vice-Chancellor Prof. S. C. Choubey stressed the importance of curriculum reforms, advocating for the inclusion of Artificial Intelligence and emerging technologies to develop industry-oriented pharmaceutical education.

The conference witnessed participation from directors, principals, faculty members, researchers, and students from various national and international pharmaceutical institutions, with over 106 participants attending the event. During the two-day conference, technical sessions, research paper presentations, and poster presentations were conducted, covering topics such as nanotechnology-based drug delivery systems, pharmaceutical innovation, and emerging research areas.

A total of 63 research works were presented, and best presentations were awarded first and second prizes. The event also marked the release of the Conference Proceedings.

Few Departmental Glimpses:





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