



GRY Institute of Pharmacy

PULSE E-BULLETIN

Volume 7, Issue 1, June 2026



VISION

To develop pharma professionals through quality education who will excel in the field of pharmacy and have good moral values.

MISSION

- 1.) To develop skilled pharmacist through quality education.
- 2.) Fostering pharmacist for pharmaceutical industries and academia.
- 3.) Instigate ethical practices to make students a responsible pharmacist.



GRY Institute of Pharmacy

NAAC Accredited B++ grade, Autonomous,
Approved by PCI, Recognized by DTE, Bhopal
Affiliated To RGPV, Bhopal

CAMPUS FACILITIES



**SMART
CLASSROOMS**



**DIGITAL
LIBRARY**



**WI-FI
CAMPUS**



**HOSTEL
(BOYS & GIRLS)**



**TRANSPORT
FACILITY**



**QUALIFIED &
EXPERIENCED
FACULTY**

INSIDE THIS ISSUE

Chairman's Message

Principal's Message

Editor's Message

Editorial Board

Our Placements

Our Toppers

Faculty Achievements

Student Achievements

Institute Events

Pharma Insight



Web: www.gryip.com

E-mail: principalgry@gmail.com



GRY Institute of Pharmacy

PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

CHAIRMAN'S MESSAGE

I am pleased to announce the launch of "PULSE," GRY's E-bulletin for June 2026 ! Our institute remains committed to nurturing students into responsible citizens through value-based education. This newsletter highlights their achievements, success stories, and overall progress, while also appreciating the dedication of our staff and faculty.

I extend my heartfelt thanks to everyone for their unwavering support and contribution to our mission. "PULSE" reflects our commitment to academic excellence, co-curricular engagement, and continuous growth. I convey my best wishes to the editorial board and the entire team for the continued success and bright future of "PULSE"!



Sh. Arun Yadav
Chairman, JNCET

PRINCIPAL'S MESSAGE



Dr. Sujit Pillai
Principal, GRYIP

I am delighted to be part of an institution committed to nurturing students' growth and unlocking their full potential. The college's strides in blending value-based education with modern teaching methodologies are truly admirable. Our E-bulletin, "PULSE," serves as a dynamic platform for sharing insightful content, celebrating accomplishments, and highlighting college events, activities, and progress.

I sincerely thank the editorial team, coordinators, faculty, staff, and students for their unwavering dedication in bringing this publication to life. The June 2026 issue stands as a reflection of their hard work, and I am confident that this newsletter will continue to provide a meaningful platform for both students and faculty to showcase their talents and make valuable contributions to the profession.



GRY Institute of Pharmacy

PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

EDITOR'S MESSAGE



We the editorial committee feels proud to publish biannual newsletter named "PULSE", the E-bulletin edition (June 2026) of GRY Institute of Pharmacy, Borawan. This E-bulletin is a compilation of new achievements & furnishing information about the activities of the institution. In this edition, we have tried to capture events and achievements of recently concluded session.

We are grateful to our chairman and secretary for their support to release this E-bulletin. We extend our sincere thanks to our principal for granting the permission to release E-bulletin and faculty members for their suggestions throughout the process of publication.

Dr. Nidhi Namdev
Professor

EDITORIAL TEAM

Editor

Dr. Nidhi Namdev

Co-Editors

Mrs. Sonam Kukloria
Mr. Vijay Salvekar
Dr. Nilesh Mandloi
Ms. Aayushi Patud
Mr. Gourav Trivedi

Advisory Committee

Er. Sanjeet Yadav
Dr. Atul Upadhyay
Dr. Sunil Sugandhi

Student Editors

Mr. Suyash Tomar
Ms. Saniya Karma
Ms. Adhiti Sohani
Ms. Kashish Upadhyay



PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

PLACEMENT 2026



GRY INSTITUTE OF PHARMACY, BORAWAN

OUR TOP PLACEMENT - 2026















B. PHARMA

Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions
Aman Chouhan	Ankit Solanki	Anuj Gurjar	Jaysree Dhangar	Karan Longre	Pradum Gotkar	Pragati Kushwah
Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions	Cipco Pharma	Cipco Pharma	GePack International
Rishabh Rathore	Sawan Sawle	Shradha Yadav	Vaibhav Atre	Niraj Yadav	Sumit Patidar	Durgesh Patel
Pious Laboratories	Pious Laboratories	Samkem Pharma	Samkem Pharma	Samkem Pharma	Samkem Pharma	Samkem Pharma
Patal Trivedi	Priyanshika Jaiswal	Durgesh Solanki	Gopal Sen	Hisheeta Gupta	Pratishtha Rathore	Priyanshu Panchole
Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions	Annova Solutions	Azis Labs	
Prithi Verma	Priyanshu Rathore	Pushpraj Rathore	Rathika Tanwar	Rajat Rathod	Ravina Lahane	
GePack International	GePack International	GePack International	Macleods	Macleods	Macleods	
Loken Rathod	Lokesh Nainawat	Prashant Gehlot	Arun Patel	Rajshree Tirole	Bajid Bhutto	
Samkem Pharma	Samkem Pharma	Samkem Pharma	H & H Healthcare	Era Pharmaceuticals	Cyno Pharma	
Romee Yadav	Vinay Chouhan	Vinayak Patidar	Akash Singh	Pradeep Yadav	Sawan Chandrabhan	

D. PHARMA

Alkem Pharma	Alkem Pharma	Alkem Pharma	Alkem Pharma	Alkem Pharma
Ajay Prajapat	Gayatri Patel	Jyoti Chouhan	Karina Patel	Shivani Mandloi
Macleods Pharma	Macleods Pharma	Macleods Pharma	Macleods Pharma	Alembic
Goutam Verma	Jatin Kewat	Lakshya Verma	Yash Verma	Kuldeep Yadav



PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

OUR TOPPERS

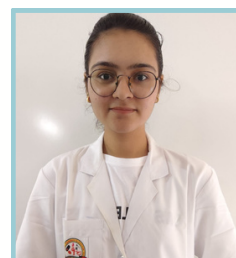
B. Pharm 1st Semester 2025

Merit No.	Name of Student	SGPA
1	Ms. Dolly Kushwah	9
2	Ms. Krishna Thakur	8.9
3	Ms. Jiya Chouhan	8.7



B. Pharm IIIrd Semester 2025

Merit No.	Name of Student	SGPA	CGPA
1	Ms. Pari Parmar	8.17	8.43
2	Ms. Divya Tiwari	8.6	8.06
3	Ms. Kashish Upadhyay	7.5	7.85



B. Pharm Vth Semester 2025

Merit No.	Name of Student	SGPA	CGPA
1	Ms. Vishakha Sharma	8.38	8.15
2	Ms. Taksha Verma	8	7.64
3	Ms. Sanyogita Rayak	7.92	8.05



B. Pharm VIIth Semester 2025

Merit No.	Name of Student	SGPA	CGPA
1	Ms. Saniya Karma	8.5	8.47
2	Mr. Sumit Patidar	8.5	7.35
3	Ms. Shruti Yadav	8.33	8.04



M. Pharm Ist Sem 2025

Merit No.	Name of Student	CGPA
1	Ms. Lekha Patidar	8.69

M. Pharm III rd Sem 2025

Merit No.	Name of Student	CGPA
1	Ms. Kirti Patel	8.79





PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

FACULTIES ACHIEVEMENTS

Seminar/FDP/Workshop/Training

Dr. Nidhi Namdev secured First Prize for presenting a scientific poster titled “Innovative Liquid Film-Forming Systems: An Integrated Approach for Wound Healing and Pain Management” at a National Seminar organized by SCOPE on March 24, 2026. Ruchita Raghuvanshi also participated in the scientific poster presentation at the event.



Dr. Nidhi Namdev secured First Prize and Ms. Ruchita Raghuvanshi secured Second Prize for presenting a scientific poster at the BRNS Sponsored National Seminar on “Radiopharmaceuticals in Personalized Medicine: Tailoring Treatment to Individual Need.” organized by Charak Institute of Pharmacy on January 31, 2026. Dr. Nitin Deshmukh and Dr. Nilesh Mandloi also attended the seminar.



Dr. Nidhi Namdev was honored with the “Women Scientist Award” at the MPCST Sponsored National Conference on Intellectual Property Rights and Patenting Issues in Industry and Education organized by Modern Institute of Pharmaceutical Sciences on April 25, 2026.



Dr. Mohini Patidar secured Second Prize for presenting a scientific poster in Pharma Anveshan 2026 on “Future Pharma Ecosystem: Fostering Synergy among Academia, Industry, Research, Regulatory and Practice” organized by Institute of Pharmaceutical Science, SAGE University, Indore (M.P.) held on 20 March 2026. Ruchita Raghuvanshi also participated in the scientific poster presentation at the event.

Ms. Ruchita Raghuvanshi, was awarded the NPTEL Certificate of Appreciation for her commendable contribution as a mentor in the SWAYAM–NPTEL Online Certification Course “Enhancing Soft Skills and Personality” (January–April 2026).



FACULTIES ACHIEVEMENTS

Seminar/FDP/Workshop/Training



Ms. Ruchita Raghuvanshi successfully completed the 5-Day National Online Faculty Development Program (eFDP) on "Empowering Educators – Navigating Industrial, Technological, and Research Horizons in Pharmacy", organized by Dr. K.V. Subba Reddy Institute of Pharmacy (Autonomous), Kurnool, Andhra Pradesh, from 22–26 June 2026.

Ms. Ruchita Raghuvanshi participated and presented a scientific paper titled "Mucoadhesive Buccal Patch Loaded with a Novel Oxadiazole Derivative for Targeted Oral Cancer Therapy" at the National Seminar organized by SCOPE Indore held on 24 March 2026.

Dr. Nidhi Namdev and Ms. Ruchita Raghuvanshi presented a poster at the CCSEA Sponsored National Seminar on "Changing Landscape of Animal use in Pharmacological Education and Research" organized by Chameli Devi Institute of Pharmacy, Indore held on 16 March 2026.

Ms. Sonam Kukloria, Dr. Mohini Patidar & Ms. Ruchita Raghuvanshi presented poster at the International Conference on "Pharmacy Beyond Borders: Translating Innovation into Impact for Global Health" organized by Himachal Institute of Pharmacy held on 27–28 February 2026.

Dr. Prabhat K. Das, Dr. Nilesh Mandloi and Dr. Nidhi Namdev participated in the MPCST-sponsored 2 Day National Seminar on "Innovative Approaches to Human Disease Research: Ethical Issues & Alternatives to Animal Models" organized by Chameli Devi Institute of Pharmacy, Indore, held on 23–24 Jan 2026.



FACULTIES ACHIEVEMENTS

Paper Published

Dr. Mohini Patidar published a research article titled "Synthesis and Biological Evaluation of Schiff Base Azetidinone Derivatives on Multi-target Intervention for Diabetes Mellitus" in the Research Journal of Pharmacy and Technology in June 2026.

Dr. Nidhi Namdev & Ms. Aayushi Patud published a review paper on "The role of biomarkers and personalized medicine in diagnose and therapies of Diseases" in Journal of Complementary and Alternative Medical Research in June 2026.

Ms. Ruchita Raghuvanshi & Dr. Gagan Kukloria published a research paper titled "Design Optimization and Stability Evaluation of Ethosomal Gel for Enhanced Dermal Permeation and Antifungal Activity" in the International Journal of Pharmaceutical Sciences in May 2026.

Dr. Prabhat Kumar Das published a review article on "Alleviating Osteoarthritis Management using Metal-oxide Nanoparticles in Pre-clinical and Clinical Settings: An Update on Recent Advancements" in the Journal of Drug Delivery Science and Technology (**Elsevier**) in July 2026.

Ms. Ayushi Patud & Dr. Mohini Patidar published a research paper on "Rational Design, In-Silico Studies, Synthesis, and Biological Evaluation of Azetidine-Based Compounds for Antidiabetic Activity" in International Journal of Drug Delivery Technology in April 2026.

Dr. Nitin Deshmukh & Dr. Mohini Patidar published a research paper titled "Development and Validation of RP-HPLC Method for Estimation of Ranolazine in Bulk and Tablet Formulation" in the International Journal of Drug Discovery and Development Technology (IJDDT), in April 2026.

Dr. Prabhat Kumar Das & Dr. Nitin Deshmukh published a research paper on "Isolation, Characterization and Bronchodilator Potential of Plant Bougainvillea glabra Against Chemically-Induced Tussive in Animals" in International Journal of Drug Delivery Technology in April 2026.

Ms. Ruchita Raghuvanshi & Dr. Mohini Patidar published a research article titled "Development and Evaluation of Terbinafine Loaded Ethosomal Gel for Enhanced Transdermal Delivery" in International Journal of Drug Delivery Technology in April 2026.

Dr. Mohini Patidar published a review article titled "Herbal Therapeutic Approaches for Migraine Management: Pharmacological Mechanisms and Evidence of Medicinal Plants with Clinical Approach" in the Asian Journal of Advanced Research and Reports in April 2026.



FACULTIES ACHIEVEMENTS

Paper Published

Dr. Nitin Deshmukh & Dr. Prabhat Kumar Das published a research paper on “Unlocking the Anticancer Efficacy of 4-Hydroxy-3-Methoxy Cinnamic Acid: A Predictive Computational Study for Drug Development” in International Journal of Advanced Research in April 2026.

Dr. Prabhat Kumar Das & Dr. Nitin Deshmukh published a research paper on “Computational Exploration of 4-Hydroxy-3-Methoxycinnamic Acid Derivatives Derived from Natural Product Scaffolds for Anticancer Activity” in International Journal of Biochemistry Research & Review in March 2026.

Dr. Mohini Patidar & Dr. Nitin Deshmukh published a review article on “Role of Startups and Student Innovations in Pharmaceutical Waste Management: A Global Review of Sustainable Practices” in International Journal of Drug Delivery Technology in March 2026.

Dr. Prabhat Kumar Das & Dr. Nitin Deshmukh published a research paper on “In Silico Evaluation of Anticancer Potential of 3,4,5-Trihydroxybenzoic Acid Derivatives from Bougainvillea Species Using Molecular Docking and ADMET Prediction” in International Journal of Innovative Research in Technology (IJIRT) in March 2026.

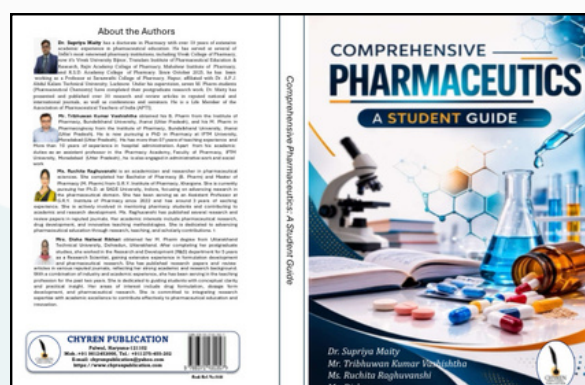
Dr. Nitin Deshmukh & Dr. Prabhat Kumar Das published a research paper on “Computational Design and Molecular Docking Study of Structurally Modified Gallic Acid Derivatives” in Journal of Complementary and Alternative Medical Research in February 2026.

Dr. Mohini Patidar & Dr. Nitin Deshmukh published a review article on “Epigenetics, Neuropharmacology, and Biochemical Modifications in Brain Disorders: Molecular Mechanisms and Therapeutic Perspectives” in Asian Journal of Advanced Research and Reports in January 2026.

Book Published



Ms. Ruchita Raghuvanshi published the book “Comprehensive Pharmaceutics” (Chyren Publication, 2026).





STUDENT'S PARTICIPATIONS & ACHIEVEMENTS

S. No	Name of the Student & Mentor	Name of Award or recognition	Name of the Awarding government bodies	Level
1	Ruchita Sharma Dr. Nidhi Namdev	1st prize in poster presentation	MPCST sponsored, SCOPE, Indore	National
2	Suyash Tomar Dr. Nidhi Namdev	1st prize poster presentation	MPCST sponsored, MIPS, Indore	National
3	Aditi Sohani Dr. Nidhi Namdev	3rd prize in poster presentation		
4	Ruchita Sharma Dr. Nidhi Namdev	3rd prize in poster presentation		
5	Saniya Karma Dr. Prabhat K. Das	1st prize poster presentation	MPCST sponsored, CDIP, Indore	National
6	Khushi Bhawsar Dr. Prabhat K. Das	2nd prize in poster Presentation	BRNS sponsored, CIP Mandleshwar	National
7	Paridhi Jagtap Narendra S. Bhadore	3rd prize in poster presentation		
8	Siya Patidar Faizan Raza Ruchita Raghuvanshi	Certification	NPTTEL Online Courses	National
9	Mr. Soumya Sahu Dr. Mohini Patidar	Presentation certificate	NSS	State
10	Prakhar Soni Dr. Mohini Patidar	Certificate of Appreciation	NSS	District
11	50 Volunteers Dr. Mohini Patidar	Certificate of Appreciation	NSS	District





GRY Institute of Pharmacy

PULSE E-BULLETIN

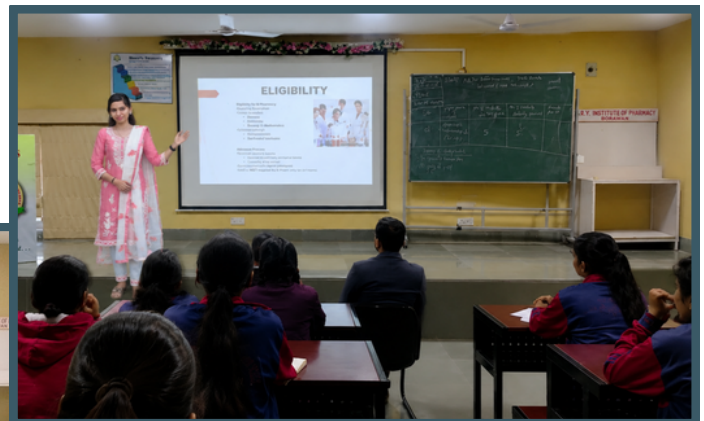
Volume 7, Issue 1, June 2026

INSTITUTE EVENTS

Industrial/ Field Visit



Career Guidance Seminar





PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

INSTITUTE EVENTS

7 Days NSS Camp at Multhan

जीआरव्हाय इंस्टिट्यूट ऑफ फार्मेसी में 7 दिवसीय एनएसएस शिविर का किया गया आयोजन



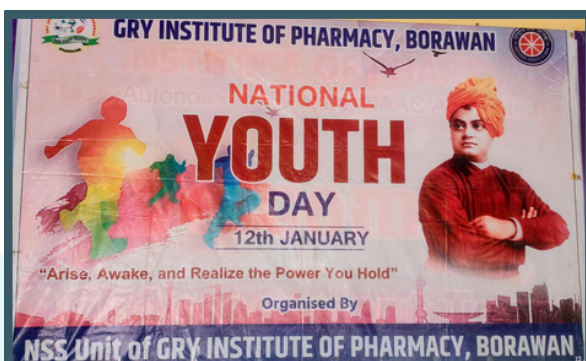
सततवादी रिपोर्टर • स्वर्गौन
जी.आर. व्हाय इंस्टिट्यूट ऑफ फार्मेसी, बोरवाण में राष्ट्रीय सेवा योजना (एनएसएस) के अंतर्गत 7 दिवसीय विशेष शिविर का आयोजन 31 जनवरी से 06 फरवरी 2026 तक ग्राम मुलठान में किया जा रहा है। इस शिविर में 50 एनएसएस स्वयंसेवक भाग ले रहे हैं।

शिविर का उद्देश्य ग्रामीण क्षेत्र में सामाजिक जागरूकता, स्वास्थ्य, स्वच्छता एवं डिजिटल साक्षरता को बढ़ावा देना है। स्वयंसेवकों द्वारा घर-घर संपर्क कर ग्रामीणों को विभिन्न सामाजिक एवं स्वास्थ्य विषयों पर जागरूक किया जा रहा है। शिविर में स्वच्छ भारत अभियान, कुशलरोग, स्वास्थ्य एवं स्वच्छता जागरूकता, सिकल सेल एनीमिया स्वास्थ्य

परीक्षण, हेपेटाइटिस एवं एच.आई.वी. एड्स से बचाव, तथा डिजिटल साक्षरता जैसे महत्वपूर्ण विषयों पर विशेष कार्यक्रम आयोजित किए जा रहे हैं। पूर्ण केन्द्रीय कृषि राज्यमंत्री अरुण यादव ने कहा कि युवा शक्ति परिवर्तन की परिचायक है। इस शिविर का प्रमुख उद्देश्य ग्रामीण समाज में सकारात्मक परिवर्तन लाना है।



Youth Day Celebration





GRY Institute of Pharmacy

PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

INSTITUTE EVENTS

International Women's day Celebration



Farewell Party



23 Jun 2026



GRY Institute of Pharmacy

PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

INSTITUTE EVENTS

SRIJAN 2026 Annual Night



Sports Week 2026





PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

PHARMA INSIGHT ...

Rx COMMONLY USED ABBREVIATIONS IN PHARMACY

COMPLETE GUIDE FOR PHARMACY STUDENTS & PROFESSIONALS



1 PRESCRIPTION & DOSING

Rx	Prescription
OD	- Once daily
BD	- Twice daily
TDS / TID	- Three times daily
QID	- Four times daily
HS	- At bedtime
AC	- Before meals
PC	- After meals
STAT	- Immediately
PRN	- As needed
NPO	- Nothing by mouth
PO	- By mouth (Oral)
SL	- Sublingual
TOP	- Topical
IM	- Intramuscular
IV	- Intravenous
SC / SubQ	- Subcutaneous
INH / IN	- Inhalation
PR	- Per rectum



2 ROUTE OF ADMINISTRATION

PO	- Oral
IV	- Intravenous
IM	- Intramuscular
SC / SubQ	- Subcutaneous
SL	- Sublingual
PR	- Rectal
INH / IN	- Inhalation
ID	- Intradermal
TOP	- Topical
OTIC	- Otic (Ear)
OPHTH	- Ophthalmic (Eye)
NAS	- Nasal
BUCC	- Buccal
VAG	- Vaginal



3 DRUG FORMS & DOSAGE FORMS

Tab	- Tablet
Cap	- Capsule
Syp	- Syrup
Susp	- Suspension
Sol	- Solution
Elix	- Elixir
Emul	- Emulsion
Cream	- Cream
Oint	- Ointment
Gel	- Gel
Inj	- Injection
Supp	- Suppository
Drops	- Drops
Powd	- Powder
Gran	- Granules
Loz	- Lozenge
Lia	- Liquid



4 CLINICAL & LABORATORY

BP	- Blood Pressure
HR	- Heart Rate
RR	- Respiratory Rate
Temp	- Temperature
CBC	- Complete Blood Count
RBC	- Red Blood Cell
WBC	- White Blood Cell
Hb	- Hemoglobin
Hct	- Hematocrit
MCV	- Mean Corpuscular Volume
MCH	- Mean Corpuscular Hemoglobin
MCHC	- Mean Corpuscular Hemoglobin Concentration
Platelet	- Platelet Count
BSL / RBS	- Blood Sugar Level (Random)
FBS	- Fasting Blood Sugar
LFT	- Liver Function Test
KFT / RFT	- Kidney Function Test
SGOT / AST	- Aspartate Aminotransferase
SGPT / ALT	- Alanine Aminotransferase
ALP	- Alkaline Phosphatase
ECG	- Electrocardiogram
ABG	- Arterial Blood Gas
CXR	- Chest X-Ray



5 PHARMACOLOGY & PHARMACOKINETICS

PK	- Pharmacokinetics
PD	- Pharmacodynamics
C _{max}	- Maximum Concentration
T _{max}	- Time to reach C _{max}
T _{1/2}	- Elimination Half-life
AUC	- Area Under the Curve
MEC	- Minimum Effective Concentration
MIC	- Minimum Inhibitory Concentration
Vd	- Volume of Distribution
CL / Cl	- Clearance
t _{1/2}	- Half-life
F	- Bioavailability
Ka	- Absorption Rate Constant
Ke	- Elimination Rate Constant



6 PHARMACY PRACTICE & PATIENT CARE

ADR	- Adverse Drug Reaction
ADE	- Adverse Drug Event
DDI	- Drug-Drug Interaction
DDF	- Drug-Drug Food Interaction
PDD	- Potential Drug-Drug Interaction
MTM	- Medication Therapy Management
DUR	- Drug Utilization Review
MUE	- Medication Use Evaluation
OTC	- Over The Counter
Rx only	- Prescription Only
NRx	- Non-Prescription
MedRec	- Medication Reconciliation
Couns.	- Counseling
Comp.	- Compliance



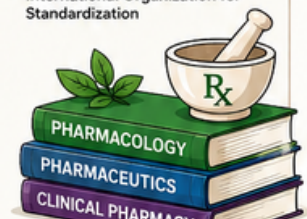
7 HOSPITAL & PHARMACY OPERATIONS

EMR	- Electronic Medical Record
EHR	- Electronic Health Record
OPD	- Out Patient Department
IPD	- In Patient Department
ER	- Emergency Room
ICU	- Intensive Care Unit
OT	- Operation Theatre
ICCU	- Intensive Cardiac Care Unit
NICU	- Neonatal Intensive Care Unit
PICU	- Pediatric Intensive Care Unit
CSSD	- Central Sterile Services Department
QA	- Quality Assurance
QC	- Quality Control
GMP	- Good Manufacturing Practice
GLP	- Good Laboratory Practice
GDP	- Good Distribution Practice
GCP	- Good Clinical Practice
SOP	- Standard Operating Procedure
BUD	- Beyond Use Date
EXP / EXPDT	- Expiry Date
MFG / MFD	- Manufacturing Date



8 MISCELLANEOUS

vs.	- Versus
w/v	- Weight by Volume
v/v	- Volume by Volume
w/w	- Weight by Weight
% w/v	- Percent Weight by Volume
% w/w	- Percent Weight by Weight
mg	- Milligram
g	- Gram
mcg / µg	- Microgram
mL	- Milliliter
L	- Liter
mM	- Millimolar
N / n	- Normality
M / mol/L	- Molarity
ppm	- Parts per Million
ppb	- Parts per Billion
USP	- United States Pharmacopeia
IP	- Indian Pharmacopeia
BP	- British Pharmacopeia
NF	- National Formulary
DCI / INN	- Denomination Commune Internationale / International Nonproprietary Name
IUPAC	- International Union of Pure and Applied Chemistry
ISO	- International Organization for Standardization



Ms. Kashish Upadhyay

B. Pharm II Year



PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

PHARMA INSIGHT ...

10 IMPORTANT DRUG INTERACTIONS



Know the interaction, Prevent the complication.



Drug interactions are among the leading preventable causes of adverse drug reactions, hospitalizations, and treatment failures. Understanding them is essential for improving patient safety and optimizing therapy. Here are 10 high-yield drug interactions every healthcare professional should remember:

1  Warfarin + NSAIDs  Increased risk of bleeding	2  Warfarin + Metronidazole  Increased INR and bleeding risk	3  Sildenafil + Nitrates  Severe drop in blood pressure	4  Clarithromycin/ Erythromycin + Statins  Risk of muscle toxicity	5  Digoxin + Verapamil  Increased risk of digoxin toxicity
6  ACE Inhibitors + Potassium-Sparing Diuretics  Risk of severe hyperkalemia	7  MAO Inhibitors + Tyramine-Rich Foods  Hypertensive crisis	8  Rifampicin + Oral Contraceptives  Reduced contraceptive effectiveness	9  Fluoroquinolones + Antacids / Iron / Calcium  Reduced absorption & treatment failure	10  SSRIs + Tramadol  Risk of serotonin syndrome

Key Message

Drug interactions are not just exam topics—they are real-world clinical challenges. A simple prescription review can prevent life-threatening complications. As future pharmacists, our responsibility extends beyond dispensing medicines—we help ensure they are used safely, effectively, and responsibly.

Ms. Divya Tiwari
B. Pharm II Year



PULSE E-BULLETIN

Volume 7, Issue 1, June 2026

PHARMA INSIGHT ...

TOP 10 PHARMA COMPANIES OF INDIA

EVERY PHARMACY STUDENT SHOULD KNOW

COMPANY	ESTABLISHED	HEADQUARTERS	FOUNDER / ORIGIN	MAJOR FOCUS AREAS	FRESHER OPPORTUNITIES
1  SUN PHARMA	1983	Mumbai, Maharashtra	Started as a small pharmaceutical business by Dilip Shanghvi	Generic Medicines, Branded Formulations, APIs, Specialty (Oncology, Cardiology, Neurology, Dermatology)	Production, QA, QC, R&D, Regulatory Affairs, Pharmacovigilance, Medical Coding, Sales & Marketing
2  DR. REDDY'S LABORATORIES	1984	Hyderabad, Telangana	Founded by Dr. Kallam Anji Reddy	Generic Medicines, APIs, Biosimilars, Specialty (Oncology, Gastroenterology, Cardiovascular)	Production, QA, QC, R&D, Regulatory Affairs, Pharmacovigilance, Clinical Research, Sales & Marketing
3  Cipla	1935	Mumbai, Maharashtra	Founded by Dr. Khwaja Abdul Hamied	Respiratory, Anti-infectives, Urology, Cardiovascular, HIV/AIDS, Oncology	Production, QA, QC, R&D, Regulatory Affairs, Medical Writing, Pharmacovigilance, Sales & Marketing
4  LUPIN	1968	Mumbai, Maharashtra	Founded by Dr. Desh Bandhu Gupta	Generic Medicines, Branded Formulations, APIs, Biosimilars (Diabetes, Respiratory, Cardiovascular)	Production, QA, QC, R&D, Regulatory Affairs, Clinical Research, Pharmacovigilance, Sales & Marketing
5  AUROBINDO A SPECIALTY PHARMACEUTICALS	1986	Hyderabad, Telangana	Founded by P. V. Ramprasad Reddy	Generic Medicines, APIs, Biosimilars, Specialty Pharmaceuticals (CNS, Anti-infectives)	Production, QA, QC, R&D, Regulatory Affairs, Pharmacovigilance, Business Development, Sales & Marketing
6  torrent pharma	1959	Ahmedabad, Gujarat	Founded by U. N. Mehta (Torrent Group)	Branded Formulations, APIs, OTC Products, Injectables, Cardiovascular, CNS	Production, QA, QC, R&D, Regulatory Affairs, Sales & Marketing, Medical Information, Pharmacovigilance
7  zydus Dedicated To Life	1952 (Origins in Cadila Laboratories)	Ahmedabad, Gujarat	Founded by Ramanbhai B. Patel (Cadila legacy)	Generic Medicines, Vaccines, Biosimilars, OTC Products, Life-sciences (Oncology, Cardiology)	Production, QA, QC, R&D, Regulatory Affairs, Clinical Research, Pharmacovigilance, Sales & Marketing
8  Mankind Serving Life	1995 (Incorporated in 1991)	New Delhi, Delhi	Founded by Ramesh Juneja & Rajeev Juneja (Promoters)	Branded Formulations, OTC Products, Nutraceuticals, Anti-infectives, Gastro	Production, QA, QC, R&D, Regulatory Affairs, Sales & Marketing, Medical Information, Pharmacovigilance
9  ALKEM	1973	Mumbai, Maharashtra	Founded by Samprada Singh & Basudeo Narayan Singh	Generic Medicines, Branded Formulations, Nutraceuticals, OTC Products	Production, QA, QC, R&D, Regulatory Affairs, Sales & Marketing, Pharmacovigilance, Medical Information
10  glenmark A way way for a new world	1977	Mumbai, Maharashtra	Founded by Glenmark Pharmaceuticals (India) Ltd.	Branded Formulations, APIs, Specialty (Respiratory, Dermatology, Oncology)	Production, QA, QC, R&D, Regulatory Affairs, Clinical Research, Sales & Marketing, Pharmacovigilance

★ Selection based on overall industry influence, market presence, innovation, global reach and career opportunities for pharmacy students.