



**CHANDIGARH  
COLLEGE OF PHARMACY**

Building Careers. Transforming Lives.

**NAAC  
GRADE A**

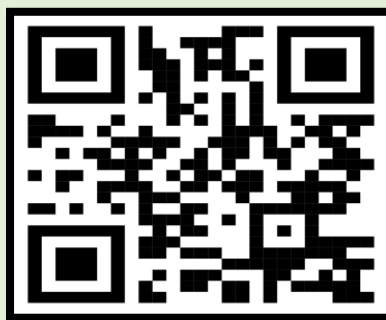


**PHARMAFLAIR**

**ISSUE NO. 4**

**SEPTEMBER  
2025**

FOR DIGITAL COPY - SCAN ME



**Pharmacy is  
the bridge  
between  
science and  
caring**



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## DIRECTOR PRINCIPAL'S MESSAGE



Prof.(Dr.) Rupinder K. Sodhi  
Director-Principal  
Chandigarh College of Pharmacy  
Landran (Mohali),

It gives me immense pleasure to share my thoughts through the Library Newsletter **PHARMAFLAIR** of our esteemed Chandigarh College of Pharmacy-CGC Landran. A library is not merely a storehouse of books; it is the foundation of knowledge, innovation, and intellectual growth. In the ever-evolving field of pharmacy and health sciences, the role of a library becomes even more significant as it empowers students and faculty with the latest information, research updates, and global perspectives. I am delighted to see how our library has continuously transformed itself by adopting modern digital tools and resources, while also preserving the essence of traditional reading culture. This blend ensures that our students and researchers remain well-informed, resourceful, and capable of contributing to the advancement of healthcare and society.

I extend my heartfelt appreciation to the library team for their dedication and vision in making the library a vibrant hub of learning. I encourage our students and faculty members to make the best use of the rich resources available and to nurture the habit of lifelong learning.

Together, let us continue to build a culture of knowledge, research, and innovation that will strengthen our journey towards academic and professional excellence.

## CHIEF LIBRARIAN'S MESSAGE

It is indeed an honor to reach out to you all through this 4th issue of our Pharmacy College Library Newsletter. A library is the true heartbeat of any academic institution, and in the field of pharmacy, it plays a pivotal role in shaping competent professionals by providing access to the latest knowledge, research, and innovations. Our library is constantly striving to blend traditional resources with modern digital tools to meet the diverse academic and research needs of our students and faculty. With a growing collection of books, journals, e-resources, and databases, we are committed to fostering a culture of inquiry, critical thinking, and lifelong learning.

This newsletter is yet another step towards building stronger engagement by keeping you updated on new arrivals, services, and activities. I encourage all students and faculty members to make optimum use of the resources and to actively participate in the initiatives taken by the library.

Together, let us continue to make our library a hub of knowledge, collaboration, and innovation in the service of healthcare and society.



Renu Oberoi  
Chief Librarian  
CGC, Landran

***“A library is not a luxury but one of the necessities of life.” – Henry Ward Beecher***

# LIBRARY - RESOURCES ROUND UP



ITEM	QUANTITY
TOTAL NO OF VOLUMES	13670
TOTAL NO OF TITLES	1692
REFERENCE AND GENERAL BOOKS	1840
BOUND VOLUMES OF PREVIOUS YEARS JOURNALS	187
THESIS/DESSERTATIONS	360
E-RESOURCES	DELNET, EBSCO AND TURNITIN
EJOURNALS IN EBSCO	624
EJOURNALS IN DELNET	728
EBOOKS IN EBSCO	29679
WORLD EBOOK LIBRARY	16809
PRINT JOURNALS	15
MAGAZINES	10
NEWSPAPERS	10
RARE BOOKS	50
CDs	52
FOREIGN AUTHORS' BOOKS	3046
NPTEL VIDEO LECTURES	6335
NDL MEMBERSHIP	YES

*"The only thing that you absolutely have to know, is the location of the library." – Albert Einstein*



NEW PURCHASE  
27 TITLES  
146 VOLUMES

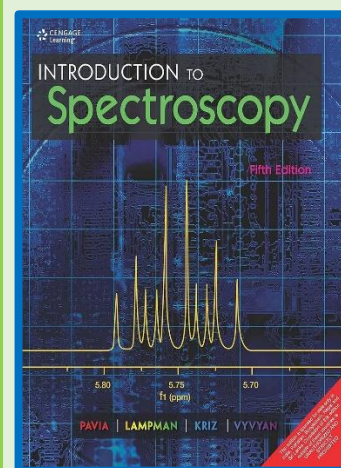
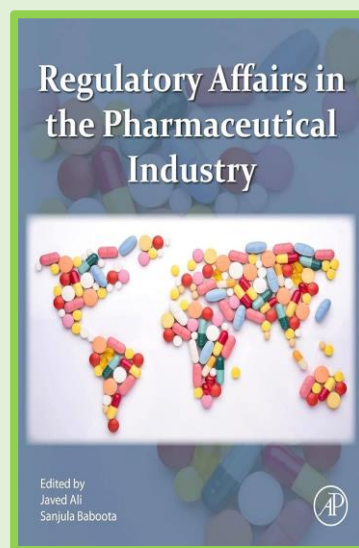
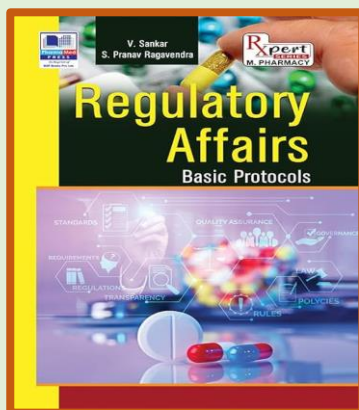
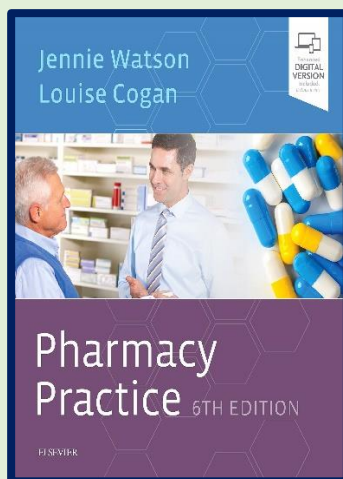
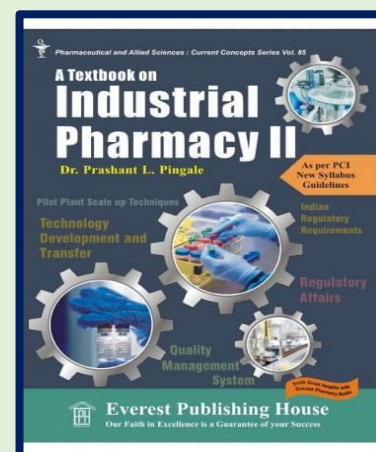
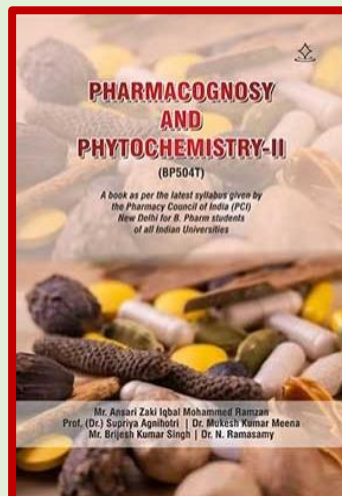
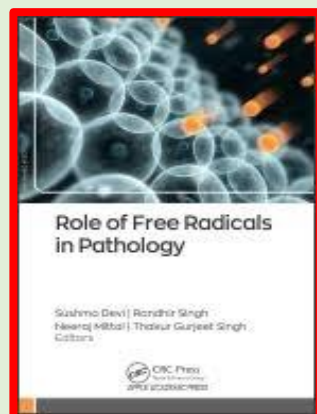
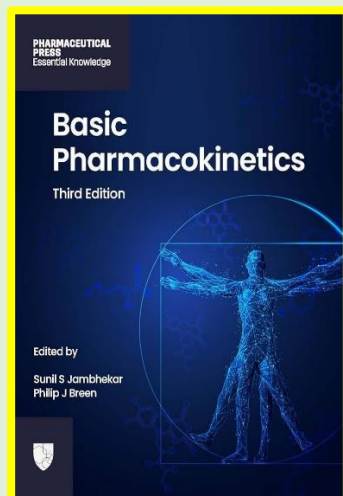
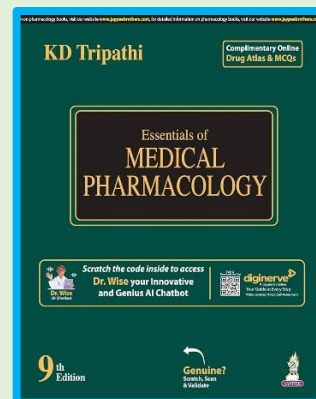
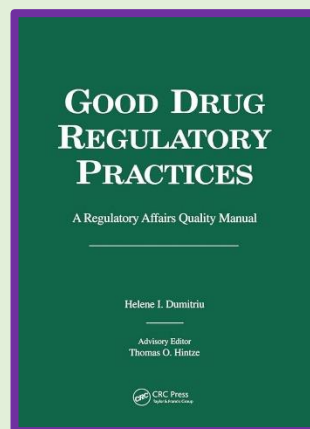
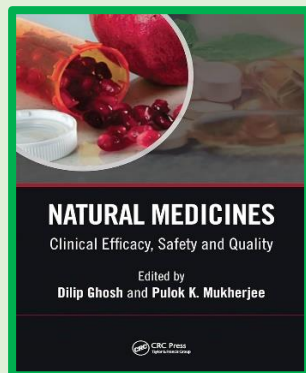
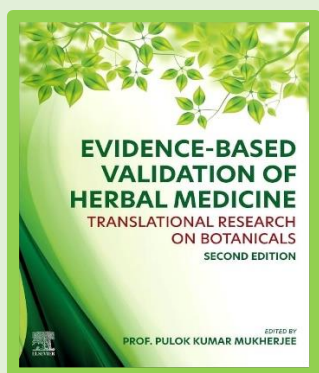
Acc No	Call No.	Author	Title	Copies
CP13525- CP13526	610.72 B364I	BANERJEE, PRANAB KUMAR	INTRODUCTION TO BIOSTATISTICS	2
CP13527	615.321 M953E	MUKHERJEE, PULOK KUMAR	EVIDENCE BASED VALIDATION OF HERBAL MEDICINE	1
CP13528	615.321 M953N	MUKHERJEE, PULOK KUMAR	NATURAL MEDICINES	1
CP13529- CP13530	615.19 D955G	DUMITRIU, HELENE I.	GOOD DRUGS REGULATORY PRACTICES	2
CP13531- CP13545	615.1 T738E	TRIPATHI, K.D.	ESSENTIALS OF MEDICAL PHARMACOLOGY 9th ED	15
CP13546- CP13565	610.72 B163T	BAIRAM, RAVINDAR	TEXTBOOK OF BIOSTATISTICS AND RESEARCH METHODOLOGY	20
CP13566- CP13575	574.192 R255L	RITU SINGH	LIPPINCOTT ILLUSTRATED REVIEW BIOCHEMISTRY	10
CP12576- P13593	610.72 B364I	BANERJEE, PRANAB KUMAR	INTRODUCTION TO BIOSTATISTICS	18
CP13594- CP13600	615 P653T	PINGALE, PRASHANT L.	TEXTBOOK ON INDUSTRIAL PHARMACY (VOL II)	7
CP1360- CP13610	610.72 S556T	SHINKAR, DATTATRAYA M.	TEXTBOOK OF BIOSTATISTICS AND RESEARCH METHODOLOGY	10
CP13611- CP13615	574.192 S966M	SUTHAKARAN, R.	MEDICINAL BIOCHEMISTRY FOR PHARMA D	5
CP13616- CP13620	615.19 I27M	ILANGO, K.	MEDICINAL CHEMISTRY FOR PHARMA D	5
CP13621	615.6 R658C	ROBINSON, JOSEPH R.	CONTROLLED DRUG DELIVERY FUNDAMENTALS AND APPLICATIONS	1
CP13622- CP13624	001.42 P194R	PANNEERSELVAM, R.	RESEARCH METHODOLOGY	3
CP13625- CP13626	615 K527T	KHAR, ROOP, K.	THEORY AND PRACTICE OF INDUSTRIAL PHARMACY	2
CP13627- CP13628	615.4 W337	WATSON, JENNIE	PHARMACY PRACTICE	2
CP13629- CP13638	615.1 T738E	TRIPATHI, K.D.	ESSENTIALS OF MEDICAL PHARMACOLOGY	10
CP13639	615.11 S921T	STROM, BRIAN	TEXTBOOK OF PHARMACOEPIDEMIOLOGY	1
CP13640- Cp13641	547.346 P289I	PAVIA, DONALD P.	INTRODUCTION TO SPECTROSCOPY	2



CP13642-CP13651	574 G563R	GOKHALE,S.B.	REMEDIAL BIOLOGY	10
CP13652-CP13656	615.1 S562T	SHYAM,T.	TEXTBOOK OF PHARMACOGNOSY AND PHYTOPHARMACOLOGY	5
CP13657	574.192 D494D	DEVI,SUSHMA	ROLE OF FREE RADICAL IN PATHOLOGY	1
CP13658-CP13662	615.321 I26P	IKBAL,ANSARI	PHARMACOGNOSY AND PHYTOCHEMISTRY - II	5
CP13663	615.19 A398R	ALI,JAVED	REGULATORY AFFAIRS IN THE PHARMACEUTICAL INDUSTRY	1
CP13664-CP13666	615.19 V434R	VEINTRAMUTHU,SANKAR	REGULATORY AFFAIRS BASIC PROTOCOLS	3
CP13667	615.7 J27B	JAMBHEKAR,SUNIL S.	BASIC PHARMACOKINETICS	1
CP13668-CP13670	610.72 S617M	SINGHAL, YOGESH K.	MAHAJAN'S METHODS IN BIOSTATISTICS FOR MEDICAL STUDENTS AND RESEARCH WORKERS	3

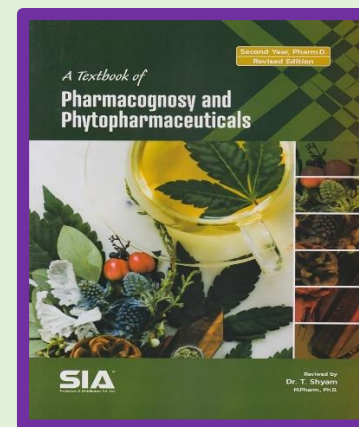
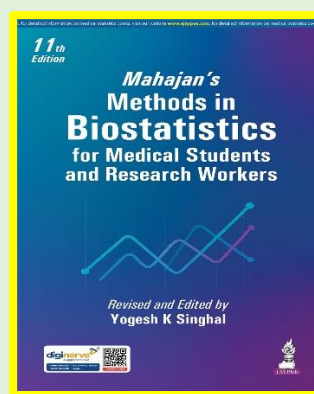
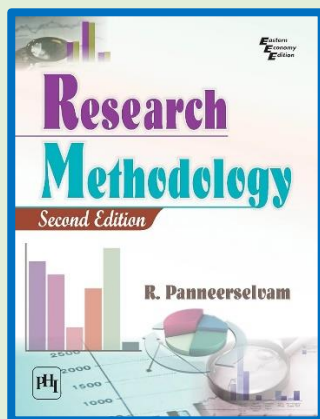
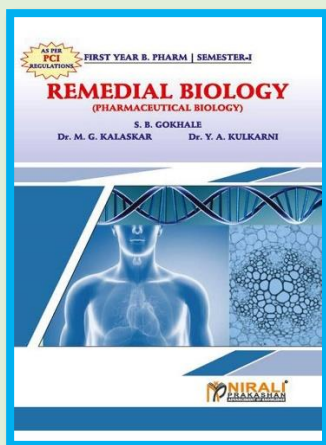
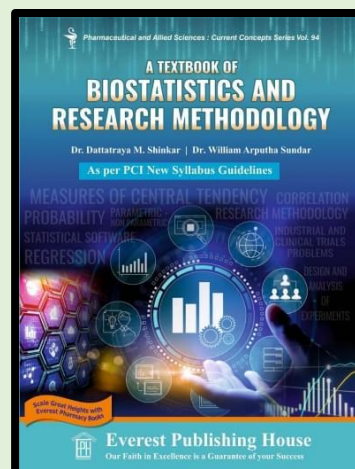
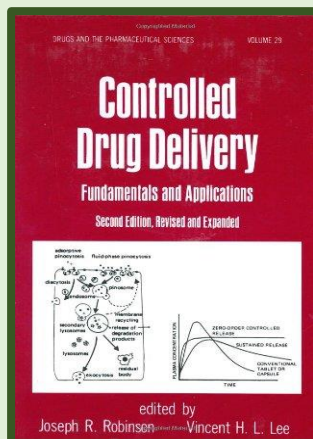
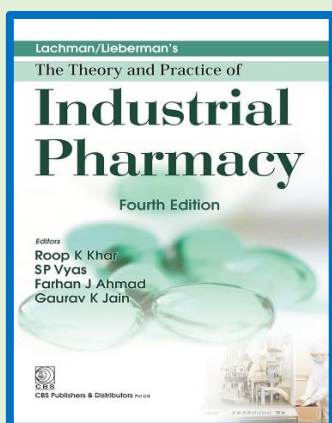
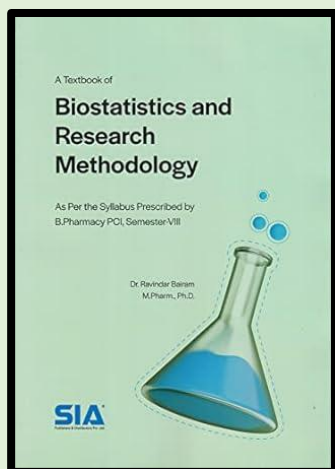
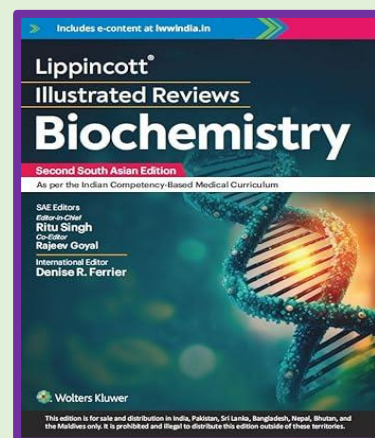
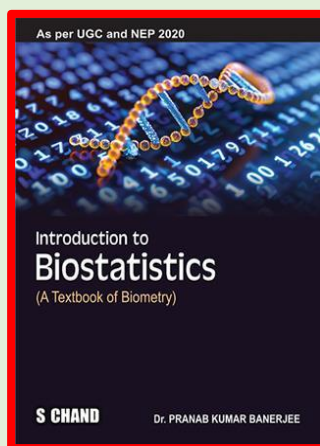
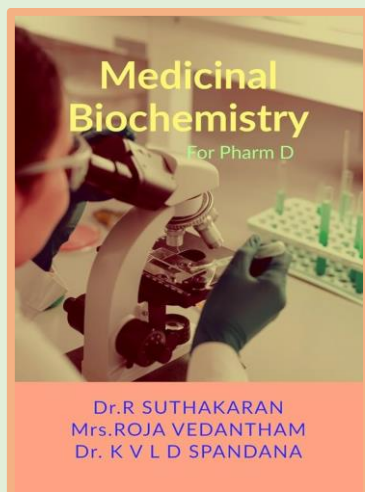
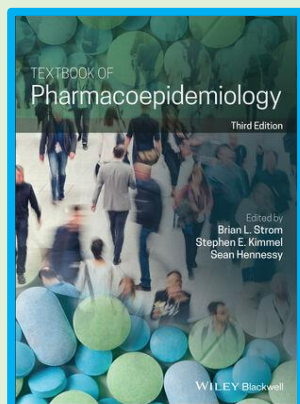


**DISPLAY OF NEW ARRIVALS**



*"Education is the most powerful weapon which you can use to change the world." – Nelson Mandela*





***“Success is not the key to happiness. Happiness is the key to success.” – Albert Schweitzer***

# E-RESOURCES - Login Credentials

## WITH REMOTE ACCESS

1. **DELNET** : <http://www.delnet.in>  
Click to New Discovery Portal  
Login : pbccpm  
Password : ccpm10088
2. **WORLD LIBRARY ACCESS** : <http://database.worldlibrary.org/>  
Login:in\_cgclm@user  
Password: reading
3. **EBSCO Business Source Elite** :  
<https://search.ebscohost.com/login.aspx?authtype=ip,uid&custid=ns154387&groupid=main&profile=ehost&defaultdb=bsh>  
User ID: chandigarhbusi  
Password: Library@2025
4. **EBSCO DATABASE** : <http://search.ebscohost.com>  
Login ID cgcl  
Password clg@2022
5. **NPTEL Video Lectures** : <https://archive.nptel.ac.in/>
6. **NATIONAL DIGITAL LIBRARY** : <https://ndl.iitkgp.ac.in/>
7. **TURNITIN PLAGIARISM SOFTWARE**
8. **LIBSYS WEBOPAC** : <https://cgcopac.lsease.in>





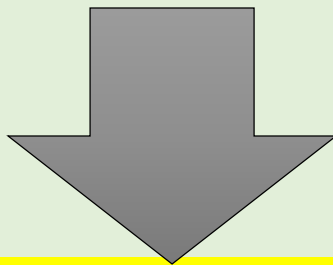
# INDUCTION PROGRAMME



## LIBRARY SESSION FOR CCP FRESHERS ON 25<sup>th</sup> JULY 2025



# WAY TO EXPLORE YOUR LIBRARY



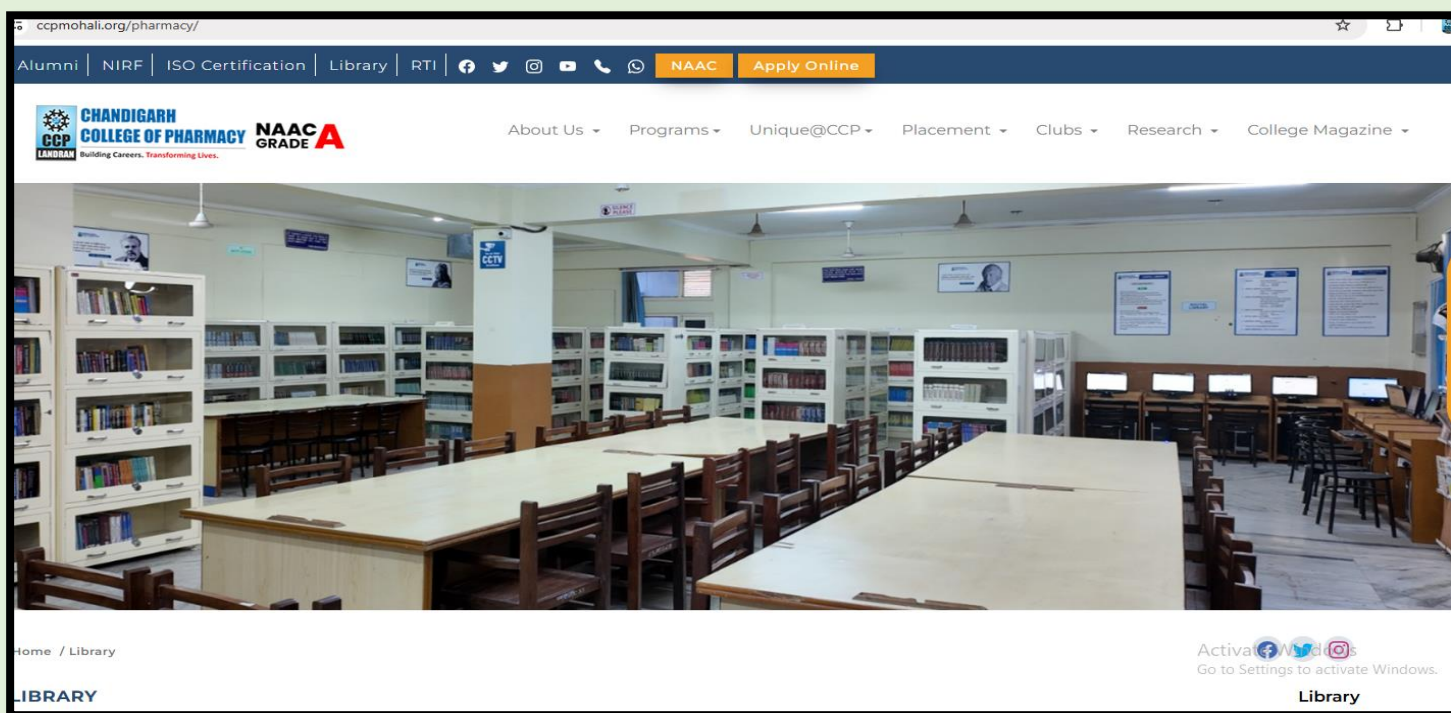
<http://ccpmohali.org/pharmacy/>

## Library

- LIBRARY WEBOPAC
- Question Papers & Syllabus
- E-RESOURCES QR CODES
- New Arrival
- Subscribed Print Journals
- Foreign Author Books list
- Library PPT
- Library Profile

## Newsletters

- Pharmaflair Issue No.1
- Pharmaflair Issue No.2
- Pharmaflair Issue No.3



# CCP LIBRARY NEWSLETTERS - PREVIOUS ISSUES





# Pharma Facts & Trivia –

## Did You Know?

1. The first antibiotic discovered was **Penicillin in 1928** by **Alexander Fleming**.
2. **Aspirin**, one of the most widely used drugs, was first synthesized from **salicylic acid** found in willow bark.
3. **Insulin** was first used to treat diabetes in humans in **1922**.
4. The term “**pharmacy**” comes from the Greek word “*pharmakon*”, meaning drug, medicine, or poison.
5. **Statins**, a class of drugs used to lower cholesterol, were first derived from fungi.
6. The **placebo effect** shows that patients can experience real improvements even with inactive substances, highlighting the power of the mind in healing.
7. **Vaccines** have eradicated diseases like smallpox and drastically reduced the incidence of polio worldwide.
8. The **pharmaceutical industry** is one of the few sectors where research can take over a decade before a single drug reaches the market.
9. **Morphine**, a powerful painkiller, was first isolated from opium in **1804** by Friedrich Sertürner.
10. **Caffeine** was first isolated from coffee beans in **1820** by the German chemist Friedlieb Ferdinand Runge.
11. **Oral contraceptives** were first approved by the FDA in **1960**, revolutionizing reproductive health.
12. **Chemotherapy** for cancer treatment was first developed using mustard gas derivatives after World War II.
13. The **first synthetic drug** ever made was **urea**, synthesized by Friedrich Wöhler in **1828**, which marked the beginning of modern pharmaceutical chemistry.

# AVENUES IN PHARMA

Career Path	Role	Opportunities	Skills Required
<b>Clinical Pharmacist</b>	Ensures safe and effective use of medications, patient counseling	Hospitals, clinics, research institutions, community health centers	Clinical knowledge, patient counseling, drug interaction management, ethical decision-making
<b>Regulatory Affairs</b>	Ensures pharma products comply with government and industry regulations	Pharmaceutical companies, CROs, regulatory agencies	Knowledge of regulations (FDA, EMA, ICH), documentation, attention to detail
<b>Pharmacovigilance Specialist</b>	Monitors and prevents adverse drug effects	Pharma companies, hospitals, CROs, global health orgs	Analytical thinking, data interpretation, medical writing, safety reporting
<b>Pharma Marketing &amp; Sales</b>	Promotes products, builds relationships, plans campaigns	Pharma companies, medical device firms, healthcare marketing agencies	Communication, strategic planning, negotiation, market understanding

## Quick Tips for Interviews & Higher Studies

- **For Interviews:**
  - Research the company and understand their products, pipelines, and therapeutic areas.
  - Prepare to discuss your internship, projects, or any research experience.
  - Practice common pharma interview questions: drug mechanisms, clinical case scenarios, and regulatory knowledge.
  - Highlight soft skills like teamwork, communication, and adaptability.
- **For Higher Studies:**
  - Identify your field of interest (Pharm.D, M.Pharm, MBA Pharma, or Regulatory Affairs).
  - Focus on research experience, publications, or projects during your undergraduate program.
  - Prepare a strong statement of purpose highlighting career goals and motivation.
  - Stay updated with the latest pharmaceutical trends, conferences, and journals.

# Quiz Corner – Test Your Pharma Knowledge

1. Which of the following is an antipyretic drug?
  - a) Amoxicillin
  - b) Paracetamol
  - c) Metformin
  - d) Omeprazole
2. The drug **Atorvastatin** is primarily used to:
  - a) Lower blood sugar
  - b) Reduce cholesterol
  - c) Treat infections
  - d) Relieve pain
3. **Penicillin** was discovered by:
  - a) Louis Pasteur
  - b) Alexander Fleming
  - c) Robert Koch
  - d) Edward Jenner
4. The term **pharmacokinetics** refers to:
  - a) Drug absorption, distribution, metabolism, and excretion
  - b) The study of drug side effects
  - c) The process of drug discovery
  - d) Drug marketing strategies
5. Which vitamin is essential for blood clotting?
  - a) Vitamin A
  - b) Vitamin D
  - c) Vitamin K
  - d) Vitamin C
6. **Omeprazole** is classified as:
  - a) Antihypertensive
  - b) Proton pump inhibitor
  - c) Antibiotic
  - d) Analgesic
7. The **therapeutic index** indicates:
  - a) Potency of the drug
  - b) Safety margin of the drug
  - c) Solubility of the drug
  - d) Half-life of the drug
8. **Pharmacovigilance** is concerned with:
  - a) Drug pricing
  - b) Monitoring drug safety
  - c) Clinical trials planning
  - d) Pharmaceutical marketing
9. The first oral contraceptive pill was approved in:
  - a) 1950
  - b) 1960
  - c) 1970
  - d) 1980

**Answer**

**Key:** 1-b, 2-b, 3-b, 4-a, 5-c, 6-b, 7-b, 8-b, 9-b



# FREE DATABASES FOR PHARMACY

Category	Database	Description	Link
Biomedical & Life Sciences	PubMed	Comprehensive biomedical literature database by NCBI.	<a href="http://pubmed.ncbi.nlm.nih.gov">pubmed.ncbi.nlm.nih.gov</a>
	PubMed Central (PMC)	Free full-text archive of biomedical and life sciences journal articles.	<a href="http://www.ncbi.nlm.nih.gov/pmc/">www.ncbi.nlm.nih.gov/pmc/</a>
	MedlinePlus	Reliable drug info, health topics, and research summaries.	<a href="http://medlineplus.gov">medlineplus.gov</a>
	DOAJ (Directory of Open Access Journals)	Open access journals in medicine, pharmacy, and health sciences.	<a href="http://doaj.org">doaj.org</a>
	BioMed Central (BMC)	Open access journals in pharmacology, pharmaceutical sciences, and medicine.	<a href="http://www.biomedcentral.com">www.biomedcentral.com</a>
	ScienceOpen	Open access platform for research articles across sciences.	<a href="http://www.scienceopen.com">www.scienceopen.com</a>
Drug Information & Pharmacology	DrugBank (Open Access)	Detailed drug information: pharmacology, mechanisms, and interactions.	<a href="http://go.drugbank.com">go.drugbank.com</a>
	RxList	Drug monographs, indications, side effects, and patient info.	<a href="http://www.rxlist.com">www.rxlist.com</a>
	Medscape Drug Reference	Free drug reference for healthcare professionals.	<a href="http://www.medscape.com/druginfo">www.medscape.com/druginfo</a>
	Drugs.com	Extensive drug info, interactions, and safety data.	<a href="http://www.drugs.com">www.drugs.com</a>
Clinical Trials & Guidelines	ClinicalTrials.gov	Registry of clinical trials worldwide.	<a href="http://clinicaltrials.gov">clinicaltrials.gov</a>
	WHO ICTRP	Global clinical trial registry.	<a href="http://www.who.int/clinical-trials-registry-platform">www.who.int/clinical-trials-registry-platform</a>
	National Guidelines Clearinghouse	Evidence-based clinical practice guidelines.	<a href="http://www.ahrq.gov/gam/guidelines">www.ahrq.gov/gam/guidelines</a>
Chemistry & Molecular	PubChem	Chemical structures, properties, bioactivity, and drug info.	<a href="http://pubchem.ncbi.nlm.nih.gov">pubchem.ncbi.nlm.nih.gov</a>

Category	Database	Description	Link
Open Educational & Research Tools	ChEMBL	Bioactive molecule database for drug discovery.	<a href="http://www.ebi.ac.uk/chembl/">www.ebi.ac.uk/chembl/</a>
	ChemSpider	Free chemical structure database, spectra, and properties.	<a href="http://www.chemspider.com">www.chemspider.com</a>
	OATD (Open Access Theses & Dissertations)	Open access theses in pharmacy, pharmacology, and related fields.	<a href="http://oatd.org">oatd.org</a>
	Google Scholar	Free search engine for scholarly literature across disciplines.	<a href="http://scholar.google.com">scholar.google.com</a>
	CORE	Aggregates open access research outputs from repositories worldwide.	<a href="http://core.ac.uk">core.ac.uk</a>



*"Learning never exhausts the mind." –  
Leonardo da Vinci*