

**CHITKARA**  
UNIVERSITY



**BI-ANNUAL  
REPORT**  
**JULY - DECEMBER 2025**

**Chitkara College of Pharmacy**  
**Chitkara University, Punjab**



## FROM THE DESK OF DEAN

Dr. Thakur Gurjeet Singh  
Dean, CCP

These are times of great pain, but also of great possibility. As dean of Chitkara College of Pharmacy, I would like to express my gratitude to the CCP family for their outstanding achievements from "bench to bedside," which reflect our cooperative alliances. It's very easy, and it's certainly understandable, to feel exhausted and defeated by the challenges among us, but everyone of us are still engaged in research and teaching that contributes directly to finding solutions for our world on fire. I want to congratulate everyone associated with CCP for making this session successful through their commitment and hard work, as well as by their camaraderie and professionalism, which helped to uphold the culture and legacy of CCP and helped the team to achieve NIRF top 20 ranking.

I will always be thankful for the efforts that the faculty and staff of our college have done for Chitkara College of Pharmacy. Also, I am optimistically excited about the future prospects of what we will achieve together in the upcoming years.



## CHAMP- CHITKARA HOUSE OF ASPIRANTS AND MULTITALENTED PHARMACISTS



Prof. (Dr.) Thakur Gurjeet Singh  
**CHAIRMAN**



Dr. Sonia Dhiman  
**ASSISTANT DEAN**



Dr. Pragati Silakari  
**HOD**



Dr. Akashdeep Singh  
**HOD**

## CHAMP CORE TEAM



Manya Khara  
**President**



Divydeep Bishnoi  
**Vice President**



Suyash Vadehra  
**Gen-Secretary**



Kaavy Gambhir  
**Gen-Secretary**



Baksh Laller  
**Treasurer**



Rudraksh Khurana  
**Matrix, Head**



Ansuman Hait  
**Matrix, Head**



Tamanna Sharma  
**Canvas, Head**



Tanirika  
**Canvas, Head**



Anshul  
**BioGraphix, Head**



Shubhangi V. Singh  
**BioGraphix, Head**



Guneet  
**Sports Nexus, Head**



Keshav  
**Sports Nexus, Head**



Akhilesh Midha  
**Spectrum, Head**



Anupreet kaur  
**Spectrum, Head**



Prabhkirat Singh  
**Connect, Head**



Kushan Chhibber  
**Connect, Head**



Niamatpreet Kaur  
**AnchoRx , Head**



Arsh Sharma  
**Chromatic, Head**



Madan Kapoor  
**Creativity, Head**

## IPA- SF PUNJAB STATE CHAPTER

### FACULTY ADVISOR



Prof. (Dr.) Thakur Gurjeet Singh  
Dean

### FACULTY MENTOR



Dr. Rajwinder Kaur  
Professor

### FACULTY COORDINATOR



Dr. Sanjana Mehta  
Assistant Professor

## IPA-SF STUDENT COUNCIL

### CHAIRPERSON



Vaidehi Tripathi

### VICE-CHAIRPERSON



Tushar Garg

### VICE-CHAIRPERSON



Divyadeep Bishnoi

### SECRETARY



Hitesh Gandhi

### TREASURER



Baksh Deep Laller

### CONTACT PERSON



Rishika Sharma

### CONTACT PERSON



Sanchita

### PUBLIC RELATION OFFICERS



Sanchit Dhankhar  
Research Scholar



Amritpal Kaur  
Research Scholar



Shushank Mahajan  
Research Scholar

### PHARMACY EDUCATION OFFICER



Maneesh Mohan  
Research Scholar

### PROGRAM EXECUTIVE OFFICER



Ashi Mannan  
Research Scholar

### STUDENT EXCHANGE OFFICER



Diksha Chaudhary  
Research Scholar

### PUBLIC HEALTH OFFICER



Veerta  
Research Scholar

### EDITOR

## IPA-SF NATIONAL EXECUTIVE COMMITTEE 2025



Rudraksh Khurana  
Programme Executive Head  
Public Relations Sub committee

## SCRMP - FACULTY FORUM - CENTRAL EXECUTIVE COUNCIL PHARMACY WING



**Prof. (Dr.) Thakur Gurjeet Singh**  
National Vice President



**Dr. Rajwinder Kaur**  
National Joint Secretary



**Dr. Vimal Arora**  
National General Secretary  
North Region



**Dr. Saurabh Kosey**  
National Vice President

## SCRMP - STUDENT FORUM - PUNJAB STATE CHAPTER PHARMACY WING



**Dr. Sanjana Mehta**  
State Faculty Adviser



**Divya Kanwar**  
State Chairperson



**Bhavesh Dharmani**  
State President



**Kailash Singh Bisht**  
State Vice Presidents



**Sapna Ahuja**  
State Vice Presidents



**Gavin Jaggi**  
State General Secretary



**Drishti**  
State Joint Secretary



**Samriddhi Bali**  
State Joint Secretary



**Divyadeep Bishnoi**  
Treasurer



**Shubhdeep Singh**  
Joint Secretary



**Aastha Gulati**  
Directors of Outreach



**Shivam Rai**  
Directors of Outreach



**Rishika**  
Directors of Media and Communications



**Divyam Chauhan**



**Abdullah Ansar**



**Shilpa**



**Ansh Goyal**



**Ankita Saxena**

Directors of Strategy and Planning



**Kamaljeet**  
Liaison Officer



**Soumarshi Das**  
Directors of Research & Editorial



**Mansi Kapoor**



**Chetna Sharma**



**Namanpreet Kaur Virk**  
Public Health Officers



**Archita Dutta**  
Public Relations Officers



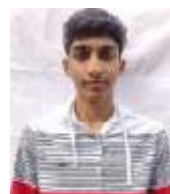
**Rehmat Chawla**  
Public Relations Officers



**Anant Singh**  
State Coordinator



**Ravi Ranjan Kumar**  
State Coordinator



**Barnadeep Purkayastha**  
State Coordinator



# ISPOR STUDENT CHAPTER 2024-2025

The leading professional society for health economics and outcomes research (HEOR) globally.  
The Society's mission is to promote HEOR excellence to improve decision making for health globally.

## FACULTY ADVISOR



**Prof. (Dr.) Thakur Gurjeet Singh**  
Dean  
Chitkara College of Pharmacy  
Chitkara University, Punjab

## EDUCATION OFFICER



**Dr. Sanjana Mehta**  
Assistant Professor  
Chitkara College of Pharmacy  
Chitkara University, Punjab

## PRESIDENT



**Maneesh Mohan**  
Research Associate  
Chitkara College of Pharmacy  
Chitkara University, Punjab

## VICE PRESIDENT



**Vaidehi Tripathi**  
Chitkara College of Pharmacy  
Chitkara University, Punjab

## SECRETARY



**Jiya Singh**  
Chitkara College of Pharmacy  
Chitkara University, Punjab

## TREASURER



**Rudraksh Khurana**  
Chitkara College of Pharmacy  
Chitkara University, Punjab

### **Chief Editor**

**Dr. Thakur Gurjeet Singh**

Dean

Chitkara College of Pharmacy, Chitkara University, Punjab

### **Editors**

Dr. Neeraj Mittal

Dr. Deepinder Singh

### **Co-Curricular Activities**

Dr. Sonia Dhiman

Dr. Akashdeep Singh

Dr. Pragati Silakari

### **Extra-Curricular Activities**

Dr. Rajwinder Kaur

### **Placement**

Dr. Deepinder Singh

Dr. Amrinder Singh

### **Sports Activities**

Nasim

### **Academic Compilation**

Dr. Rajwinder Kaur

Dr. Amarjot Kaur

Dr. Manjinder Singh

### **Chairs Data**

Dr. Balraj Saini



## TABLE OF CONTENT

CONTENT	PAGE NO.
ACTIVITIES	8-21
AD SCIENTIFIC INDEX (2025)	22
NSS ACTIVITIES	23-30
CULTURAL ACTIVITIES	31-37
STUDENTS SPORTS ACHIEVEMENTS	38-45
FACULTY SPORTS ACHIEVEMENTS	46-48
STUDENTS ACHIEVEMENTS	49
STUDENTS ACADEMIC ACHIEVEMENTS	51-69
PUBLICATIONS	70
PATENTS FILED	70-71
PATENTS PUBLISHED	72
PATENTS GRANTED	72-73
PROJECTS	74-75
INTERNATIONAL VISITS	76
FACULTY AWARDS	77
CONFERENCES/ WORKSHOPS/SEMINARS ATTENDED BY FACULTY	77-82
FACULTY DEVELOPMENT PROGRAMS (FDP'S) ATTENDED BY FACULTY	83
PLACEMENTS	83
INDUSTRIAL VISIT	83
FDA APPROVED DRUGS (JULY-DEC 2024)	84
RANKINGS	84
SUSTAINABLE DEVELOPMENT GOALS	85

## ACTIVITIES

### Workshop On “See the Unseen: Exploring Nanoparticle Characterization through DLS and NTA” 15.7.2025

The session titled "See the Unseen: Exploring Nanoparticle Characterization through DLS and NTA" was successfully conducted to provide an insightful exploration into two pivotal techniques widely used in the field of nanoscience and pharmaceutical research. The session focused on Dynamic Light Scattering (DLS) and Nanoparticle Tracking Analysis (NTA). DLS was discussed as a rapid and non-invasive method to measure hydrodynamic diameter, polydispersity index (PDI), and assess the colloidal stability of nanoparticles. In contrast, NTA was presented as a technique capable of tracking individual particles based on Brownian motion, offering additional insights into particle size distribution and concentration in real time. The session featured live demonstrations and case-based discussions, allowing attendees to witness the real-time measurement and analysis of nanoparticle samples using both DLS and NTA instruments. Through this session, attendees developed the skills necessary to critically evaluate nanoparticle-based formulations, choose suitable characterization techniques depending on sample complexity, and apply this knowledge in areas such as drug delivery systems, nanoformulation stability, and biomedical research.



## **Workshop On “See the Unseen: Exploring Nanoparticle Characterization through DLS and NTA”**

### **An Expert Talk On “From Classrooms to Industry: Building a Career in Pharmaceuticals” 7.8.2025**

Chitkara College of Pharmacy has organized the expert talk "From Classrooms to Industry: Building a Career in Pharmaceuticals" aiming to bridge the gap between academic learning and real-world pharmaceutical careers. Delivered by Mr. Sanjay Rai, Vice President – Human Resources, Akums Drugs & Pharmaceuticals Ltd., the session will provide insights into essential skillsets, career pathways, and industry readiness. Participants will gain valuable knowledge on recruitment strategies, corporate expectations, and aligning academic training with professional demands. Guided by Dr. Thakur Gurjeet Singh, Dean, Chitkara College of Pharmacy, this initiative reinforces the commitment to preparing pharmacy graduates for success across R&D, production, quality control, and regulatory affairs.

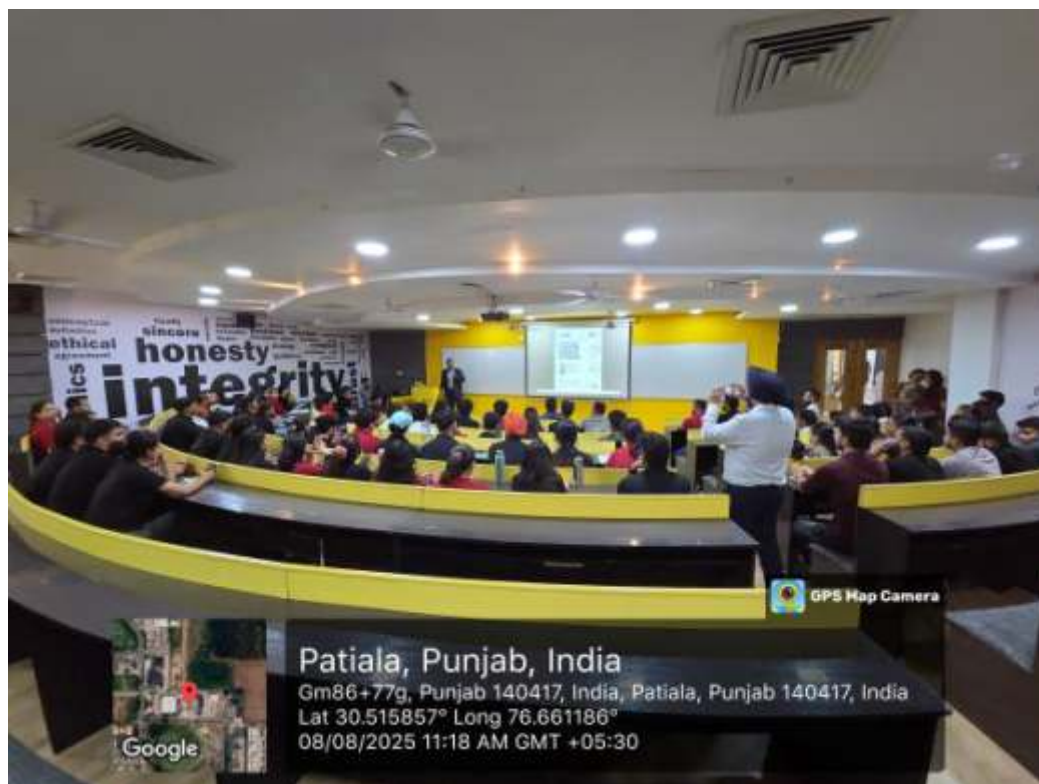


### **An Expert Talk On “From Classrooms to Industry: Building a Career in Pharmaceuticals”**

### **An Expert Talk On “From Classrooms to Industry: Navigating Careers in the Pharma” 8.8.2025**

Chitkara College of Pharmacy has organized the expert talk "From Classrooms to Industry: Navigating Careers in the Pharma" provided valuable insights into bridging academic learning with real-world pharmaceutical careers. Delivered by Mr. Rajiv Maini, Co-founder & Executive Director, Elite Safety Sciences, the session highlighted essential skillsets, industry expectations, and career pathways in pharma. Participants gained an understanding of

recruitment processes, professional competencies, and aligning academic training with industrial roles.



### **An Expert Talk On “From Classrooms to Industry: Navigating Careers in the Pharma”**

#### **An Expert Talk On “Accelerators/Incubation -Opportunities for Students & Faculties – Early-Stage Entrepreneurs” 11.8.2025**

The session "Accelerators/Incubation – Opportunities for Students & Faculties – Early-Stage Entrepreneurs" aimed to create awareness about the support systems available for transforming innovative ideas into successful ventures. Delivered by Mr. Supreet Singh, Founder & CEO of Psychocare Healthcare Pvt. Ltd., the talk highlighted the role of incubation centres, funding avenues, mentorship, and networking in nurturing startups. Participants gained valuable insights into building a strong business model, accessing resources, and navigating challenges faced during the early stages of entrepreneurship. The session encouraged students and faculty to think innovatively, explore entrepreneurial opportunities, and leverage institutional and industrial support to turn concepts into market-ready solutions.





**An Expert Talk On “Accelerators/Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs”**



## **An Expert Talk On “Pharma Excellence through Compliance: Ensuring Safety from Development to Market” 14.8.2025**

The expert talk "Pharma Excellence through Compliance: Ensuring Safety from Development to Market", organized by Chitkara College of Pharmacy, Chitkara University, Punjab, was delivered by Dr. Isha Talwar, Assistant Manager, Theon Pharmaceuticals, on 14th August 2025 at Warren Buffett Hall. The session focused on the role of regulatory compliance and pharmacovigilance in ensuring safe, effective, and high-quality pharmaceutical products. It covered best practices, current regulatory trends, and challenges in drug development to commercialization. Participants learned how adherence to regulatory frameworks not only safeguards patient health but also drives industrial excellence and global competitiveness.

## **A Workshop On “Quality by Design (QbD): Driving Industrial Excellence and Regulatory Compliance” 18.8.2025**

Quality by Design (QbD): Driving Industrial Excellence and Regulatory Compliance", organized by Chitkara College of Pharmacy, Chitkara University, Punjab, was delivered by Prof. Sachin Kumar Singh on 18th August 2025. The session provided participants with a comprehensive understanding of the QbD framework and its importance in ensuring product quality, process efficiency, and regulatory compliance. It covered how QbD principles streamline manufacturing, reduce risks, enhance product consistency, and meet global regulatory requirements. Real-world case studies demonstrated how industries successfully implemented QbD to achieve operational excellence, build robust quality systems, and secure faster regulatory approvals.



## **A Workshop On “Quality by Design (QbD): Driving Industrial Excellence and Regulatory Compliance,”**

## **An Expert Talk On “Analytical Techniques: Bridging Lab and Industry” 20.8.2025**

The session on “Analytical Techniques: Bridging Lab and Industry” aimed to provide participants with an in-depth understanding of modern analytical methods and their applications in both academic research and industrial practices. It highlighted the significance of analytical tools in ensuring product quality, regulatory compliance, and process optimization. The event served as a platform for students, researchers, and professionals to connect theoretical knowledge with real- world industrial requirements. By bridging the gap between laboratory practices and industrial applications, the session fostered skill development, innovation, and industry readiness among participants.



**An Expert Talk On “Analytical Techniques: Bridging Lab and Industry”**

### **An Expert Talk On “Drug Safety, Risk Management, and Research: An Integrated Perspective” 8.9.2025**

The session on “Drug Safety, Risk Management, and Research: An Integrated Perspective” focused on the importance of patient safety, regulatory compliance, and evidence-based practices in healthcare. Experts highlighted strategies for identifying and minimizing drug-related risks, the role of pharmacovigilance, and the integration of research into clinical decision-making. The event provided participants with practical insights into monitoring adverse drug reactions, individualizing therapies, and applying innovative approaches for safer drug use. It served as a platform for students and professionals to enhance their understanding of drug safety and strengthen skills for responsible pharmaceutical practice.



### **An Expert Talk On “Drug Safety, Risk Management, and Research: An Integrated Perspective**

#### **An Expert Talk On “Navigating the Pharma Landscape: Career Pathways and Opportunities in Pharmacovigilance and Beyond” 19.9.2025**

The event on ‘Navigating the Pharma Landscape: Career Pathways and Opportunities in Pharmacovigilance and Beyond’ provided valuable insights into the evolving pharmaceutical industry. It highlighted the growing significance of pharmacovigilance, regulatory affairs, clinical research, and allied domains as promising career avenues. Mr. Prasant Prasad, Assistant Manager, WIPRO shared practical knowledge on skill requirements, industry expectations, and global opportunities, helping participants understand diverse career trajectories. The session emphasized the importance of continuous learning, adaptability, and professional development in shaping successful careers in pharma and healthcare sectors.



## **An Expert Talk On “Navigating the Pharma Landscape: Career Pathways and Opportunities in Pharmacovigilance and Beyond”**

### **International Conference on "The Future of Pharmacy: Transforming Healthcare Through Innovation" 25.9.2025 to 26.9.2025**

The International Conference on "The Future of Pharmacy: Transforming Healthcare Through Innovation" was held from 25<sup>th</sup> to 26<sup>th</sup> September 2025 organized by the Chitkara College of Pharmacy in collaboration with the Office of International Affairs. The event served as a vital platform for exchanging groundbreaking ideas and research practices shaping future healthcare. The conference brought together a diverse group of academicians, global researchers, industry leaders—including representatives from Dr. Reddy's and Jubilant Biosys—and policymakers. Its core objective was to foster collaboration, inspire innovative approaches, and empower early-career researchers to advance patient outcomes. The program featured high-level sessions on disruptive technologies such as Artificial Intelligence (AI), personalized medicine, and nanotechnology. It also included various competitive events designed to promote research dissemination and creative thinking, such as the 3-minute Master and Ph.D. thesis presentations, as well as oral and e-poster sessions. The event was led by Convener and Chairman Dr. Thakur Gurjeet Singh, Dean of Chitkara College of Pharmacy. Keynote addresses and expert insights were provided by a distinguished panel of international resource persons, including Dr. Kamal Dua and Dr. Keshav Raj Paudel from the University of Technology Sydney, Dr. Nitin Chitranshi and Dr. Vandana Gulati from the University of New England, and Dr. Rajaraman Eri from RMIT University. Other notable speakers included Dr. Amar Daud Iskandar Abdullah and Dr. Ser Hooi Leng from Sunway University, Malaysia, and Dr. Trudi Collet from the Queensland University of Technology, Australia.





**Dr. Nitin Chitranshi, Senior Lecturer from the University of New England, Australia, addresses the faculty during the International Conference on "The Future of Pharmacy: Transforming Healthcare Through Innovation"**



**Cultural Exchange and Integration**

**CHITKARA UNIVERSITY** **CHITKARA UNIVERSITY PHARMACY** **GLCBA WEEK** **CHITKARA UNIVERSITY** **Office of International Affairs**

STUDENT FORUM - PUNJAB STATE CHAPTER

International Conference on  
**THE FUTURE OF PHARMACY:  
 TRANSFORMING HEALTHCARE THROUGH INNOVATION**  
 25th - 26th September, 2025

**EMINENT SPEAKER AND GUEST OF HONOR**

 Dr. Karan Dua Ph.D., M.Sc., B.Pharm Senior Lecturer, Pharmacy University of Punjab, India	 Dr. Sanjay Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Manish Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India
 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India
 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India	 Dr. Anurag Kumar Professor, School of Pharmacy University of Punjab, India

**PROFESSIONAL PARTNERS** **INDUSTRIAL PARTNERS** **HOSPITAL PARTNERS**

Organized by: Chitkara College of Pharmacy  
 Chitkara University, Punjab, India in collaboration with Office of International Affairs



## **World Pharmacist's Day: Think Health, Think Pharmacist 25.9.2025**

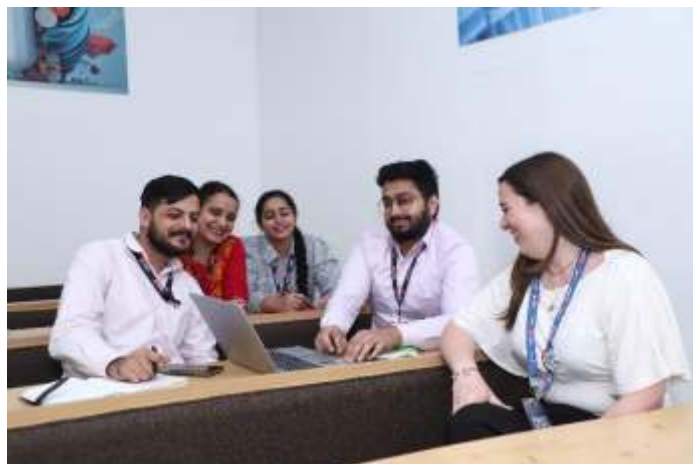
The event on 'World Pharmacist's Day: Think Health, Think Pharmacist' celebrated the vital role of pharmacists in healthcare. It highlighted their contributions in ensuring safe medicine use, promoting patient well-being, and advancing public health. The program included expert talks, interactive sessions, and student activities emphasizing the theme of health awareness and the pharmacist's responsibility in society. Participants gained insights into the expanding scope of pharmacy, its ethical dimensions, and its impact on community health. The event inspired students to recognize the significance of their profession and encouraged them to contribute meaningfully to healthcare services.

## **Workshop on "Mastering Lab Essentials" 22.9.2025 to 26.9.2025**

The "Mastering Lab Essentials" workshop held from 22<sup>nd</sup> to 26<sup>th</sup> September 2025, was designed to enhance the practical laboratory competencies of over 20 pharma research scholars. Led by international experts such as Ms. Sofia Kokkinis, Mr. Adam Haysom-McDowell, and Mr. Mangesh Kulkarni from the University of Technology Sydney (UTS), Australia, the activity focused on fundamental techniques, safety practices, and accurate data handling. By bridging the gap between theoretical academic concepts and experimental application, the workshop fostered a culture of scientific rigor and precision. Participants engaged in interactive breakout sessions that encouraged critical thinking and problem-solving, which are key qualities for innovation and entrepreneurship in pharmaceutical sciences.



**Mr. Adam Haysom-McDowell leading an interactive session with PhD scholars on research methodology and scientific communication during Global Week at Chitkara College of Pharmacy**



**Research scholars working closely with international resource persons in a breakout session to strengthen practical laboratory competencies and data handling skills**

**Workshop On “Molsoft Workshop” 7.10.2025**

The session was conducted by Dr. Shamshair Singh Sardar, Applications Scientist and Mr. Surojit Sadhu, Director & Founder from Advent Informatics Pvt. Ltd., Pune, Maharashtra. Dr. Singh is a well-recognized expert in molecular modeling and cheminformatics, with extensive experience who demonstrated various applications perspectives of MolSoft software in drug discovery. Mr. Sadhu provided present status of MolSoft software in Global and Indian academics and industries involved in drug discovery. The session helped students in enhancing skills in molecular docking, visualization, and data interpretation. Also it created awareness about the importance of in silico studies in reducing time, cost, and effort.

**An Expert Talk On “Careers and Competencies across the Drug Development Cycle” 15.10.2025**

The Expert Talk, organized as part of the 64th National Pharmacy Week celebrations themed “Pharmacist as Advocate of Vaccination,” aimed to enhance students’ understanding of the evolving role of pharmacists in the drug development ecosystem. Chitkara College of Pharmacy organized an expert talk on “Careers and Competencies across the Drug Development Cycle,” delivered by Mr. Ashish Vishwakarma, Senior Regulatory Manager –

North America, Corteva, Hyderabad. The session provided valuable insights into global pharmaceutical operations, emphasizing regulatory frameworks, product development, and competencies required across discovery to commercialization. Mr. Vishwakarma highlighted skillsets essential for advancing in pharmaceutical R&D and compliance management. Students gained practical understanding of career opportunities and strategies to align academic learning with evolving industry needs, bridging the gap between education and professional excellence.



### **An Expert Talk On “Careers and Competencies across the Drug Development Cycle”**

#### **A Workshop On “eCTD Filing Demonstration Using Software” 4.11.2025**

Chitkara College of Pharmacy organized a workshop on “eCTD Filing Demonstration Using Software”, delivered by Ms. Pranitha Ananthula, Support Manager – Regulatory Services, Navitas Life Science Pvt. Ltd. The session offered valuable insights into the practical aspects of electronic Common Technical Document (eCTD) filing, global regulatory requirements, and documentation processes in pharmaceutical development using Pharmaready software. Ms. Ananthula highlighted key competencies essential for regulatory compliance and submission management. The interactive session enhanced students’ understanding of real-world

regulatory workflows, bridging the gap between academic knowledge and industrial application in the evolving field of pharmaceutical regulatory affairs.



### **A Workshop On “eCTD Filing Demonstration Using Software”**

#### **An Expert Talk On “Regulatory Dossier Preparation and Submission Process in India” 12.11.2025**

The Expert Talk on “Regulatory Dossier Preparation and Submission Process in India” aims to provide participants with practical insights into the regulatory documentation required for pharmaceutical product approvals. The session will cover dossier structure, submission pathways, and compliance expectations of CDSCO, along with essential components of regulatory filings. By learning from an industry expert, participants will gain a deeper understanding of real-world regulatory processes and documentation standards. This activity enhances regulatory knowledge, supports professional development, and prepares students for careers in pharmaceutical regulatory affairs and drug approval systems.





### **An Expert Talk On “Regulatory Dossier Preparation and Submission Process in India”**

### **An Expert Talk On “Career Pathways in Clinical Research: A Session with Cliantha Research” 13.11.2025**

The session on Career Pathways in Clinical Research offered students an in-depth understanding of emerging opportunities within the clinical research industry. Experts from Cliantha Research shared insights into key roles such as Clinical Research Associate (CRA), Clinical Trial Assistant (CTA), Data Manager, and Quality Assurance Specialist. The speakers discussed essential skills, regulatory frameworks, and the growing demand for trained professionals in global research settings. Students gained practical knowledge about career progression, industry expectations, and strategies for entering the field. Overall, the session



provided valuable guidance and enhanced awareness of diverse career avenues in clinical research.

### **An Expert Talk On “Pharma Future: Vigilance, Regulatory and Clinical Research Summit” 17.11.2025**

The *Pharma Future Summit* provided an enriching platform for students to explore emerging developments in pharmacovigilance, regulatory affairs, and clinical research. Renowned experts from global pharmaceutical organizations shared insights on drug safety, data governance, AI-driven risk management, and evolving regulatory landscapes. The keynote speakers highlighted critical skill sets, current industry challenges, and future opportunities shaping the pharma sector. The session offered valuable exposure to real-world practices, enabling students to understand career pathways and innovation trends within the industry. Overall, the summit strengthened industry–academia linkage and enhanced student readiness for advanced roles in the pharmaceutical and clinical research domains.



**An Expert Talk On “Pharma Future: Vigilance, Regulatory and Clinical Research Summit”**

# SCIENTIFIC INDEX (2025)

<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 134,154</p> <p><b>Country Rank</b> 2,185</p> <p><b>Institution Rank: 1</b></p> <p>Ranking Based On Selection: 1</p> <p><b>Thakur Gurjeet Singh</b> Chitkara University Punjab, India</p> <p>Medical and Health Sciences / Pharmacology Cerebral Ischemic Injury   Molecular Pharmacology   Neuro Pharmacology   Drug Dependence   Drug Toxicity</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>40</td> <td>124</td> <td>5,162</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	40	124	5,162	<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 179,084</p> <p><b>Country Rank</b> 3,397</p> <p><b>Institution Rank: 4</b></p> <p>Ranking Based On Selection: 4</p> <p><b>Inderbir Singh Bakshi</b> Chitkara University Punjab, India</p> <p>Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences Biopolymers   Nanopharma   Copolymers   SeDeM   Co-processed Excipients</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>35</td> <td>103</td> <td>4,594</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	35	103	4,594	<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 305,069</p> <p><b>Country Rank</b> 7,461</p> <p><b>Institution Rank: 7</b></p> <p>Ranking Based On Selection: 8</p> <p><b>Somdutt Mujwar</b> Chitkara University Punjab, India</p> <p>Others Riboswitch   Drug Re-purposing and Re-positioning   Molecular Dynamics Simulation   Molecular Docking Simulation   Lead Optimization</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>26</td> <td>39</td> <td>1,588</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	26	39	1,588
H-Index	I10 Index	Citation Counts																		
40	124	5,162																		
H-Index	I10 Index	Citation Counts																		
35	103	4,594																		
H-Index	I10 Index	Citation Counts																		
26	39	1,588																		
<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 354,391</p> <p><b>Country Rank</b> 9,263</p> <p><b>Institution Rank: 2</b></p> <p>Ranking Based On Selection: 12</p> <p><b>Manju Nagpal</b> Chitkara University Himachal Pradesh Kulu, India</p> <p>Others Novel drug delivery</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>24</td> <td>45</td> <td>1,748</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	24	45	1,748	<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 450,448</p> <p><b>Country Rank</b> 12,995</p> <p><b>Institution Rank: 12</b></p> <p>Ranking Based On Selection: 14</p> <p><b>Manjinder Singh</b> Chitkara University Punjab, India</p> <p>Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences Structure Based Drug Designing   Synthetic chemistry</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>20</td> <td>35</td> <td>2,702</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	20	35	2,702	<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 516,393</p> <p><b>Country Rank</b> 15,745</p> <p><b>Institution Rank: 15</b></p> <p>Ranking Based On Selection: 18</p> <p><b>Jyotsna Kaushal</b> Chitkara University Punjab, India</p> <p>Engineering &amp; Technology / Environmental Science &amp; Engineering Wastewater treatment   Phytomedication   Biochar   nanoparticles   Sustainable approach</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>18</td> <td>26</td> <td>2,394</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	18	26	2,394
H-Index	I10 Index	Citation Counts																		
24	45	1,748																		
H-Index	I10 Index	Citation Counts																		
20	35	2,702																		
H-Index	I10 Index	Citation Counts																		
18	26	2,394																		
<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 521,412</p> <p><b>Country Rank</b> 15,978</p> <p><b>Institution Rank: 16</b></p> <p>Ranking Based On Selection: 19</p> <p><b>Rajwinder Kaur</b> Chitkara University Punjab, India</p> <p>Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences Medicinal chemistry</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>18</td> <td>25</td> <td>1,404</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	18	25	1,404	<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 526,938</p> <p><b>Country Rank</b> 16,218</p> <p><b>Institution Rank: 17</b></p> <p>Ranking Based On Selection: 20</p> <p><b>Sonia Dhiman</b> Chitkara University Punjab, India</p> <p>Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences Nano technology   Sustained Release drug delivery system   quality by design   polymer modification</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>18</td> <td>25</td> <td>1,202</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	18	25	1,202	<p><b>Total H Index Rankings</b></p> <p><b>World Rank</b> 552,909</p> <p><b>Country Rank</b> 17,319</p> <p><b>Institution Rank: 18</b></p> <p>Ranking Based On Selection: 21</p> <p><b>Chander Parkash Dora</b> Chitkara University Punjab, India</p> <p>Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences Novel Drug Delivery Systems   Solubilization techniques</p> <p><b>Metrics</b></p> <table> <tr> <th>H-Index</th> <th>I10 Index</th> <th>Citation Counts</th> </tr> <tr> <td>17</td> <td>25</td> <td>1,507</td> </tr> </table> <p><a href="#">See All Rankings and Analysis</a></p>	H-Index	I10 Index	Citation Counts	17	25	1,507
H-Index	I10 Index	Citation Counts																		
18	25	1,404																		
H-Index	I10 Index	Citation Counts																		
18	25	1,202																		
H-Index	I10 Index	Citation Counts																		
17	25	1,507																		

9 faculty members of Chitkara College of Pharmacy listed in AD ranking, 2025

NSS Activities					
S. No.	Name of the Event	Date	No. of students participated	No. of teachers participated	Organized by
1.	World Youth Skill Day 2025- Youth Empowerment Through AI and Digital Skills	15.07.2025	3	2	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
2.	World Hepatitis Day- Poster Making Competiton	28.07.2025	30	5	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
3.	Nature Conversation Day- Tree Plantation Drive	28.07.2025	10	2	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
4.	International Youth Day 2025- Elocution Competition	12.08.2025	11	4	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
5.	My Bharat Portal Registration	18.09.2025	30	2	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
6.	The Viksit Bharat quiz (Viksit Bharat young leaders dialogue 2026)	20.09.2025	30	2	
7.	NSS day 2025- quiz	24.09.2025	25	2	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab

8.	World Mental Health Day 2025	10.10.2025	3	2	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
9.	Health Checkup Camp (Empowering Health Through Pharmacy)	13.10.2025	25	10	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
10.	World Students Day	15.10.2025	13	3	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab
11.	Global Hand Washing Day	15.10.2025	13	3	NSS Unit of Chitkara College of Pharmacy, Chitkara University, Punjab

## 1. World Youth Skill Day 2025





## NSS Volunteers actively delivering Radio Talk on Youth Empowerment Through AI and Digital Skills

### 2. World Hepatitis Day 2025



Poster making competition on World Hepatitis Day 2025

### 3. Nature Conversation Day 2025



Tree Plantation Drive by NSS volunteers at Chitkara University

### 4. International Youth Day 2025





NSS volunteers participating in an Elocution Competition on International Youth Day 2025

#### 5. My Bharat Portal Registration



NSS volunteers registering themselves on My Bharat Yuva Portal

#### 6. The Viksit Bharat quiz (Viksit Bharat young leaders dialogue 2026)



NSS volunteers participating in quiz on Viksit Bharat



## 7. NSS Day 2025



NSS volunteers participating in quiz on NSS Day

## 8. World Mental Health Day 2025



NSS volunteers share their views on World Mental Health of youth.

## 9. Health Checkup Camp (Empowering Health Through Pharmacy)



On the Frontlines of Community Health –Essential check-up services.



## 10. World Students Day



Stationary donation drive at Govt Elementary School Kalhomajra

## 11. Global Hand Washing Day



Global Hand Washing Day Celebration at Govt. Elementary School Kalhomajra

## CULTURAL ACTIVITIES

S. No.	Name of the Student	Award Name	Awarding Agency
1.	Aditya Garg (B. Pharm 1 <sup>st</sup> Year)	<b>First position</b> T-shirt Painting (Independence Day) 14-08-2025	Chitkara University, Punjab
2.	Alyssa Sood (B. Pharm 1 <sup>st</sup> Year)	<b>Second position</b> T-shirt Painting (Independence Day) 14-08-2025	Chitkara University, Punjab
3.	Nandini (B. Pharm 1 <sup>st</sup> Year)	<b>Third position</b> T-shirt Painting (Independence Day) 14-08-2025	Chitkara University, Punjab
4.	Karshain Vinaik (M. Pharm 1 <sup>st</sup> Year)	<b>First position</b> Festive Pharmacraft (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
5.	Naisha Kalra (B. Pharm 1 <sup>st</sup> Year)	<b>Second position</b> Festive Pharmacraft (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
6.	Abhishek Bhatia (B Pharm 4 <sup>th</sup> Year)	<b>First position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
7.	Sunny Kumar (B Pharm 4 <sup>th</sup> Year)	<b>First position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
8.	Madhur Chaudhary (B Pharm 4 <sup>th</sup> Year)	<b>First position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
9.	Kanishka (B Pharm 4 <sup>th</sup> Year)	<b>First position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
10.	Guneet (B Pharm 4 <sup>th</sup> Year)	<b>First position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
11.	Shubhajit Mondal (M.Pharm 1 <sup>st</sup> year)	<b>Second position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab

12.	Pranab Kuila (M.Pharm 1 <sup>st</sup> year)	<b>Second position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
13.	Divanshu Goyal (M.Pharm 1 <sup>st</sup> year)	<b>Second position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
14.	Abhay Chauhan (M.Pharm 1 <sup>st</sup> year)	<b>Second position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
15.	Ikshit Thakur (M.Pharm 1 <sup>st</sup> year)	<b>Second position</b> The Immuno Hunt (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
16.	Naisha Kalra (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Raw Fest (National Pharmacy Week) 16-10-2025	Chitkara University, Punjab
17.	Pranav Goyal (B.Pharm 1 <sup>st</sup> year)	<b>Second position</b> Raw Fest (National Pharmacy Week) 16-10-2025	Chitkara University, Punjab
18.	Jasmine Kaur Shergil (B.Pharm 2 <sup>nd</sup> year)	<b>First position</b> Petal Paradise (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
19.	Jaspreet Kaur (B Pharm 3 <sup>rd</sup> Year)	<b>First position</b> Petal Paradise (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
20.	Kirti Sehgal (B Pharm 3 <sup>rd</sup> Year)	<b>First position</b> Petal Paradise (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
21.	Akanksha Bajaj (B Pharm 2 <sup>nd</sup> Year)	<b>Second position</b> Petal Paradise (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
22.	Jia Jain (B Pharm 2 <sup>nd</sup> Year)	<b>Second position</b> Petal Paradise (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab

23.	Aditya Garg (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
24.	Alyssa Sood (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
25.	Mohammad sohail (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
26.	Mayuri (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
27.	Manas (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
28.	Anshul (B.Pharm 1 <sup>st</sup> year)	<b>First position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
29.	Vaishnavi (B.Pharm 2 <sup>nd</sup> year)	<b>Second position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
30.	Mahi (B.Pharm 2 <sup>nd</sup> year)	<b>Second position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
31.	Abhishek Rawal (M.Pharm 1 <sup>st</sup> year)	<b>Third position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
32.	Rahul Kumar Ray (M.Pharm 1 <sup>st</sup> year)	<b>Third position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab



33.	Shubhangi Vrindha Singh (M.Pharm 1 <sup>st</sup> year)	<b>Third position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
34.	Suraj Dubey (M.Pharm 1 <sup>st</sup> year)	<b>Third position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab
35.	Suvam Patra (M.Pharm 1 <sup>st</sup> year)	<b>Third position</b> Rangoli Competition (National Pharmacy Week) 17-10-2025	Chitkara University, Punjab

## STUDENTS SPORTS ACHIEVEMENTS

**Gold Medal: 14**

**Silver Medal: 08**

S. No.	Name of the Student	Award Name	Awarding Agency
1	Pathikadarsh Sriwal (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Deadlift</b> competition under Pull to Victory 2025 (16 <sup>th</sup> July 2025)	Chitkara University, Punjab
2	Pathikadarsh Sriwal (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Deadlift</b> competition under National Sports Week 2025 (25 <sup>th</sup> -29 <sup>th</sup> August 2025)	Chitkara University, Punjab
3	Akhil Sharma (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Badminton (Men)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
4	Aaryan Chauhan (4 <sup>th</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Badminton (Men)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
5	Deeya Chopra (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Badminton (Women)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
6	Garima Kapil (4 <sup>th</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Badminton (Women)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
7	Rythm (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Chess (Mix)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab

8	Yuvraj (2 <sup>nd</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Chess (Mix)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
9	Kunal (2 <sup>nd</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Carrom (Mix)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
10	Yash (3 <sup>rd</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Carrom (Mix)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
11	Rohit Verma (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Dart (Mem)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
12	S M Abrar (3 <sup>rd</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Dart (Mem)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
13	Money Mittal (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Dart (Womem)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
14	Jasmine Kaur Shergill (2 <sup>nd</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Dart (Womem)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
15	Akhil Sharma (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Pickle Ball (Men)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab

16	Parv Batra (4 <sup>th</sup> Year B. Pharmacy)s	<b>Silver Medal</b> In Inter-university <b>Pickle Ball (Men)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
17	Ritika Panjeta ( 2 <sup>nd</sup> Year M. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Pickle Ball (Women)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
18	Taruna (4 <sup>th</sup> Year B. Pharmacy)	<b>Silver Medal</b> In Inter-university <b>Pickle Ball (Women)</b> competition under KHELANAND MELA (18 <sup>th</sup> September 2025)	Chitkara University, Punjab
19	Pathikadarsh Sriwal (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>ARM Wrestling</b> competition under CSE Sorts Club (24 <sup>th</sup> September 2025)	Chitkara University, Punjab
20	Parv Batra (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Pickle Ball (Men)</b> competition under 1st Edition Chitkara Pickle ball Tournament (9 <sup>th</sup> October 2025)	Chitkara University, Punjab
21	Akhil Sharma (4 <sup>th</sup> Year B. Pharmacy)	<b>Gold Medal</b> In Inter-university <b>Pickle Ball (Men)</b> competition under 1st Edition Chitkara Pickle ball Tournament (9 <sup>th</sup> October 2025)	Chitkara University, Punjab
22	Rounat Gayen (3 <sup>rd</sup> Year Pharm D)	<b>Gold Medal</b> In Inter-university <b>FootBall (Men)</b> competition under 1st Edition Chitkara Futsal Tournament (16 <sup>th</sup> October 2025)	Chitkara University, Punjab





**Deadlift (16th July 2025)**



**Deadlift Major Dhyan Chand Trophy (25th -29th August 2025)**

**National Sports Week 2025**



**KHELANAND MELA 2025 (18th September 2025)**



**KHELANAND MELA 2025 (18th September 2025)**



**KHELANAND MELA 2025 (18th September 2025)**





**KHELANAND MELA 2025 (18th September 2025)**



**1<sup>st</sup> Edition Chitkara Pickle Ball Tournament (9th October 2025)**





**1<sup>st</sup> Edition Chitkara Pickle Ball Tournament (9th October 2025)**



**1<sup>st</sup> Edition Chitkara Futsal Tournament (16th October 2025)**



**1<sup>st</sup> Edition Chitkara Futsal Tournament (16th October 2025)**



## FACULTY SPORTS ACHIEVEMENTS

**Gold Medal: 06**

**Silver Medal: 06**

**Bronze Medal:01**

S. No.	Name of the Student	Award Name	Awarding Agency
1	Dr. Sandeep	<b>Gold Medal</b> In Inter-university <b>Badminton (Men)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
2	Dr. Somdutt	<b>Silver Medal</b> In Inter-university <b>Badminton (Men)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
3	Dr. Pragati	<b>Gold Medal</b> In Inter-university <b>Badminton (Women)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
4	Dr. Diksha	<b>Silver Medal</b> In Inter-university <b>Badminton (Women)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
5	Dr. Debarshi	<b>Gold Medal</b> In Inter-university <b>Dart (Mem)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
6	Dr. Manjinder Singh	<b>Silver Medal</b> In Inter-university <b>Dart (Mem)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
7	Dr. Sonia Dhiman	<b>Gold Medal</b> In Inter-university <b>Dart (Womem)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara University, Punjab

8	Dr. Rupinder	<b>Silver Medal</b> In Inter-university <b>Dart (Womem)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
9	Dr. Paranjeet	<b>Gold Medal</b> In Inter-university <b>Carrom (Mix)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
10	Dr. Amit Kumar	<b>Silver Medal</b> In Inter-university <b>Carrom (Mix)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
11	Dr. Sonia Dhiman	<b>Gold Medal</b> In Inter-university <b>Chess (Mix)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
12	Dr. Manjinder Singh	<b>Silver Medal</b> In Inter-university <b>Chess (Mix)</b> competition under KHEL UTSHA V'25 (19 <sup>th</sup> July 2025)	Chitkara College of Pharmacy, Chitkara University, Punjab
13	Nasim Sahin	<b>Bronze Medal</b> In Inter-university <b>Pickle Ball (Staff)</b> competition under 1 <sup>st</sup> Edition Chitkara Pickle Ball Tournament (9 <sup>th</sup> October 2025)	Chitkara University, Punjab



**KHEL UTSHAV'25 (19<sup>th</sup> July 2025)**



**KHEL UTSHAV'25 (19<sup>th</sup> July 2025)**



**1st Edition Chitkara Pickle Ball Tournament Staff (9th October 2025)**



**1st Edition Chitkara Pickle Ball Tournament Staff (9th October 2025)**



## STUDENTS ACADEMIC ACHIEVEMENTS

Adding to our series of achievements, our student Manya (5th Sem B. Pharmacy) have won First Prize at Saviskar 2025, organized by Chandigarh Group of Colleges, Mohali, for their innovative project “Quercetin–Probiotic Co-loaded Sesame Oil Based Nanoemulsion for the Management of PCOS.” This proud achievement marks another step forward in our collective pursuit of research excellence. It was a pleasure to mentor and guide the winning team along with Dr. Ankit Awasthi whose constant support contributed significantly to this success. Heartiest congratulations to our brilliant students for their creativity and dedication in bringing laurels to Chitkara College of Pharmacy!



**Manya (B. Pharmacy) won First Prize at Saviskar 2025**

S. No.	Name of the Student	Award Name	Awarding Agency
1.	Prabhkirat Singh (B. Pharm 2 <sup>nd</sup> Year)	<b>First position</b> Ideaverse (National Pharmacy Week) 13-10-2025	Chitkara University, Punjab
2.	Bhaswati Sen (M. Pharm 1 <sup>st</sup> Year)	<b>Second position</b> Ideaverse (National Pharmacy Week) 13-10-2025	Chitkara University, Punjab
3.	Ananya (Pharm.D 3 <sup>rd</sup> Year)	<b>First position</b> Clinica think (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
4.	Niharika (Pharm.D 3 <sup>rd</sup> Year)	<b>First position</b> Clinica think (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab

5.	Charu (Pharm.D 3 <sup>rd</sup> Year)	<b>First position</b> Clinica think (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
6.	Sanchit Nagpal (B Pharm 2 <sup>nd</sup> Year)	<b>Second position</b> Clinica think (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
7.	Lakshay Sehgal (B Pharm 2 <sup>nd</sup> Year)	<b>Second position</b> Clinica think (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
8.	Priyansh Miglani (B. Pharm 2 <sup>nd</sup> Year)	<b>Second position</b> Clinica think (National Pharmacy Week) 14-10-2025	Chitkara University, Punjab
9.	Anupreet Kaur, Anushka Singh (B. Pharm 3 <sup>rd</sup> Year)	<b>First position</b> Art & Craft (United Nations Day) 14-10-2025	Chitkara University, Punjab
10.	Rishika, Simran (B. Pharm 4 <sup>th</sup> Year)	<b>Third position</b> Art & Craft (United Nations Day) 14-10-2025	Chitkara University, Punjab
11.	Bhavesh Dharmani (Pharm. D 6 <sup>th</sup> Year)	<b>First position</b> Wellness Reimagined (United Nations Day) 14-10-2025	Chitkara University, Punjab
12.	Karan Thakur (M. Pharmacy 2 <sup>nd</sup> Year)	<b>Second position</b> Wellness Reimagined (United Nations Day) 14-10-2025	Chitkara University, Punjab
13.	Shubhdeep Singh, Shyam, Samriddhi, Subarna (Pharm. D 5 <sup>th</sup> Year)	<b>Third position</b> Wellness Reimagined (United Nations Day) 14-10-2025	Chitkara University, Punjab
14.	Shifali Gupta (B. Pharm 4 <sup>th</sup> Year)	<b>Fourth position</b> Wellness Reimagined (United Nations Day) 14-10-2025	Chitkara University, Punjab

15.	Drishti (M. Pharmacy 2 <sup>nd</sup> Year)	<b>First position</b> Ecopreneur (United Nations Day) 14-10-2025	Chitkara University, Punjab
16.	Prabir Maity (Pharm. D 4 <sup>th</sup> Year)	<b>Second position</b> Ecopreneur (United Nations Day) 14-10-2025	Chitkara University, Punjab
17.	Garima Kapil, Paarth, Madhur (B. Pharm 4 <sup>th</sup> Year)	<b>Third position</b> Ecopreneur (United Nations Day) 14-10-2025	Chitkara University, Punjab
18.	Soumarshi (Pharm. D 4 <sup>th</sup> Year)	<b>Fourth position</b> Ecopreneur (United Nations Day) 14-10-2025	Chitkara University, Punjab
19.	Divanshu Jindal (B. Pharm 1 <sup>st</sup> Year)	<b>First position</b> Pharma Talks: Advocating Immunity (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab
20.	Aditya Garg (B. Pharm 1 <sup>st</sup> Year)	<b>Second position</b> Pharma Talks: Advocating Immunity (National Pharmacy Week) 15-10-2025	Chitkara University, Punjab



**Anupreet Kaur and Anushka Singh (B. Pharm 3<sup>rd</sup> Year)**  
won first prize in United Nations Day

## PUBLICATIONS

PUBLICATION TITLE	AUTHORS	SOURCE PUBLICATION	VOL NO	ISS NO	ARTICLE TYPE
Vesicular Nanocarriers: A Potential Platform for Topical/Transdermal Delivery of Antibiotics	Mohit Chadha., Deepinder Singh Malik	Recent Patents on Nanotechnology	18		Journal
From Vision Correction to Drug Delivery: Unraveling the Potential of Therapeutic Contact Lens	Ankush Saini., Mohit Sharma., Indu Singh., Rajan Swami	Current Drug Delivery	21		Journal
Gold Nanoparticle-based Biosensors for Point-of-Care Diagnostics: A Review of Sensing Nanoparticle Applications and Future Prospects	Sakshi Chauhan., Roopal Mittal., Manish Kumar., Amit Mittal., Ajay Singh Kushwah	Combinatorial Chemistry and High Throughput Screening	27		Journal
Evaluation of Moringa Oleifera Leaf Extract for its In vitro Antibacterial Properties, Mechanism of Action, and In vivo Corneal Ulcer Healing Effects in Rabbits' Eyes	Ayesha Bibi., Meenakshi Dhanawat., Shahbaz Aman., Samrat Chauhan., Rishabh Chalotra., Somdutt Mujwar., Narinder Kaur., Chamassehomary Maivagna., Sumeet Gupta	Current Drug Delivery	22	1	Journal
Taraxerol: A Promising Natural Product in the Management of Inflammation	Uma Jyoti., Neeraj Mittal., Thakur Gurjeet Singh., Randhir Singh., Sushma Devi	Natural Products Journal	14		Journal
Comparative Evaluation of Cefixime Microspheres Utilizing a Natural Polymer and a Synthetic Polymer	Deepshi Arora., Yugam Taneja., Anjali Sharma., Prerna Sharma., Jatin., Kumar Guarve., Nidhi Rani., Inderjeet Verma	Current Drug Therapy	19		Journal



Liposome as a Potential Drug Delivery System in Addressing Skin Diseases: A Review	Shivam Malhotra., Shammy Jindal., Rajni Bala., Reecha Madaan	Current Drug Therapy	19		Journal
Formulation and Evaluation of Hard Lozenges by Using Garlic Tincture	Anmol Popli., Udit Handa., Kuldeep Kumar., Purna Sharma., Kumar Guarve., Ishika Parmar., Lavish Chabra., Kajal Nagpal., Nidhi Rani., Inderjeet Verma	Current Drug Therapy	19		Journal
Explicating the Phyto-pharmacological Virtues of Solanum torvum Swartz: A Contemporary Update	Madhukar Garg., Lavish Vaid., Parth Sharma., Nidhi Rani., Geeta Deswal., Sonam Grewal., Ashwani K Dhingra., Navin Kumar., Ajmer Singh Grewal	Natural Products Journal	14		Journal
Molecular Mechanisms Underlying the Therapeutic Potential of Plant-Based $\alpha$ -Amylase Inhibitors for Hyperglycemic Control in Diabetes	Amritpal Kaur., Shareen Singh., Somdutt Mujwar., Thakur Gurjeet Singh	Current Diabetes Reviews	20		Journal
Advances in polymer-based scaffolding for enhanced wound healing: a comprehensive review	Tamnna., Teenu Sharma., Roopal Mittal., Peeyush Kaushik	International Journal of Polymeric Materials and Polymeric Biomaterials			Journal
Terpene-based novel invasomes: pioneering cancer treatment strategies in traditional medicine	Renu Dwivedi., Rajni Bala., Reecha Madaan., Sumitra Singh., Rakesh K Sindhu	Journal of Complementary and Integrative Medicine			Journal
Formulation and Evaluation of Polyherbal Antidandruff Shampoo	Udit Handa., Deepika Sharma., Abhilasha Dubey., Kajal Nagpal., Purna Sharma., Nidhi Rani., Vishnu Mittal	Anti-Infective Agents	22		Journal

Advancements in targeting tumor suppressor genes (p53 and BRCA 1/2) in breast cancer therapy	Chahat., Bhupinder Kumar., Nidhi Nainwal., Yogesh Murti., Savita Yadav., Pramod Rawat., Sonia Dhiman	Molecular Diversity			Journal
Successful Identification of Key Phytoconstituents of <i>Emblca officinalis</i> as Potential Multitargeting Anti-Inflammatory and Antifungal Agents	Diksha Choudhary., Nidhi Rani., Rajwinder Kaur	Anti-Infective Agents	22		Journal
Application of quality by design in optimization of nanoformulations: Principle, perspectives and practices	Devendra Birla., Nikhil Khandale., Gaurav Gupta., Harish Dureja., Francisco Veiga., Keshav Raj Paudel., Manisha Singh., Sachin Kumar Singh., Kamal Dua., Bey Hing Goh	Drug Delivery and Translational Research			Journal
Role of Antioxidants for the Treatment of Metabolic Disorders	Sanshita., Mayank Sharma., Payal Dande., Piyush Ghode., Atul A Shirkhedkar., Amit Chaudhary., Inderbir Singh	Antioxidants			Book Chapter
Role of Antioxidant Therapy in Respiratory Disease Management	Bidisha Bhattacharya., Naina Devi., Sanshita., Ameya Sharma., Vivek Puri., Sandeep Kumar., Rakesh K Sindhu., Inderbir Singh	Antioxidants			Book Chapter
Basics of Antioxidants and Their Importance	Shuchi Goyal., Divya Thirumal., Sumitra Singh., Dinesh Kumar., Inderbir Singh., Gautam Kumar., Rakesh K Sindhu	Antioxidants			Book Chapter

Development of a triazole-linked bis-organosilane compound as dual-function agent: Sensing of Al <sup>3+</sup> ion in aqueous environments and inhibition of HIV-1 protease	Gurjaspreet Singh., Pooja Malik., Yamini Thakur., Sumesh Khurana., Samiksha Sharma., Sushma., Ritika., T J Dhilip Kumar., K N Singh	Journal of Molecular Structure	1319		Journal
Exosomal ncRNAs in liquid biopsies for lung cancer	Md Sadique Hussain., Gaurav Gupta., Nehmat Ghaboura., Ehssan Moglad., Waleed Hassan Almalki., Sami I Alzarea., Imran Kazmi., Haider Ali., Ronan MacLoughlin., Raimar Loebenberg., Neal Davies., Sachin Kumar Singh., Kamal Dua	Clinica Chimica Acta	565		Journal
Unraveling the Anti-Obesity Potential of Luteolin: Mechanistic Insights	Akhil Sharma., Gagandeep Kaur., Amandeep Kaur., Sushma Devi	Current Nutrition and Food Science	21	3	Journal
Enhancing Drug Bioavailability for Parkinson's Disease: The Promise of Chitosan Delivery Mechanisms	Mohammad Arshad Javed Shaikh., Pawan Bagiyal., Gaurav Gupta., Saurabh Gupta., Santosh Kumar Singh., Ramkumar Pillappan., Dinesh Kumar Chellappan., Parteek Prasher., Vikas Jakhmola., Thakur Gurjeet Singh., Harish Dureja., Sachin Kumar Singh., Kamal Dua	Annales Pharmaceutiques Francaises[Annals Pharmaceutical French]			Journal
Unveiling the Mysteries of the Blood-Brain Barrier: The Problem of the Brain/spinal Pharmacotherapy	Aditya Walia., Amandeep Kaur., Randhir Singh., Nidhi Rani., Rajan Swami	Central Nervous System Agents in Medicinal Chemistry	24		Journal

Beyond Insulin: A Deeper Dive into Pancreatic Disease	Sumeet Sharma., Prerna Sharma., Nidhi Rani	Current Nutrition and Food Science	21	3	Journal
Recent advancements in xanthan gum-based gastroretentive floating formulations: Chemical modification, production and applications	Bigul Yogeshver Bhardwaj., Samar Vihal., Rakesh Pahwa., Shweta Agarwal., Bhuvanesh Gupta., Jen Chang Yang., Raveen Chauhan., Dinesh Kumar Chellappan., Gaurav Gupta., Sachin Kumar Singh., Kamal Dua., Poonam Negi	Carbohydrate Polymers	348		Journal
Nrf2 and Ferroptosis: Exploring Translational Avenues for Therapeutic Approaches to Neurological Diseases	Maneesh Mohan., Ashi Mannan., Chirag Kakkar., Thakur Gurjeet Singh	Current Drug Targets	26	1	Journal
Hypoxia-inducible Factor-1 $\alpha$ Pathway in Cerebral Ischemia: From Molecular Mechanisms to Therapeutic Targets	Veerta Sharma., Thakur Gurjeet Singh	CNS and Neurological Disorders - Drug Targets	24	3	Journal
Exploring Therapeutic Strategies: The Relationship between Metabolic Disorders and FOXO Signalling in Alzheimer's Disease	Parneet Kaur., Heena Khan., Amarjot Kaur Grewal., Kamal Dua., Sachin Kumar Singh., Gaurav Gupta., Thakur Gurjeet Singh	CNS and Neurological Disorders - Drug Targets	24	3	Journal
Proposed Hypothesis of TWEAK/Fn14 Receptor Modulation in Autism Spectrum Disorder	Heena Khan., Vivek Rihal., Amarjot Kaur., Thakur Gurjeet Singh	CNS and Neurological Disorders - Drug Targets	24		Journal



Diabetic Cardiomyopathy: An Update on Emerging Pathological Mechanisms	Chirag Kakkar., Veerta Sharma., Ashi Mannan., Gaurav Gupta., Sachin Singh., Puneet Kumar., Kamal Dua., Amarjot Kaur., Shareen Singh., Sonia Dhiman., Thakur Gurjeet Singh	Current Cardiology Reviews	21		Journal
Emerging Targets in Amyotrophic lateral sclerosis (ALS): The Promise of A TP-Binding Cassette (ABC) transporter Modulation	Maneesh Mohan., Ashi Mannan., Aayush Nauriyal., Thakur Gurjeet Singh	Behavioural Brain Research	476		Journal
Multiple Sclerosis: Pathogenesis Mechanism and Biomarkers	Ashwani Arya., Manish Dhall., Vineet Mittal., Deepak Kaushik., Priya Mudgal., Tarun Kumar., Manisha Pandey., Renu Kadian., Prerna Sharma., Nidhi Rani., Thakur Gurjeet Singh	Central Nervous System Agents in Medicinal Chemistry	24		Journal
Antibody-drug conjugates (ADCs): a novel therapy for triple-negative breast cancer (TNBC)	Gaurav Gupta., Md Sadique Hussain., Kumud Pant., Haider Ali., Riya Thapa., Asif Ahmad Bhat	Current Cancer Drug Targets	25	2	Journal
In Silico and In Vivo Evaluation of Anti-Arthritic Effects of Bakuchiol from Psoralea corylifolia Seeds in Experimental Rat Model	Kamal Saini., Samrat Chauhan., Mohammad Ovais Dar., Sumeet Gupta., Inder Pal Singh., Ravindra K Rawal., Nidhi Gupta	Chemistry and Biodiversity			Journal
Young Hearts under Attack: The Alarming Increase in Heart Problems among Indian Youth	Priyanka Paul., Raj Kamal., Ankit Awasthi	Current Cardiology Reviews	20		Journal

Enhancements in Parkinson's Disease Management: Leveraging Levodopa Optimization and Surgical Breakthroughs	Ritika Sharma., Avneet Kour., Hitesh Kumar Dewangan	Current Drug Targets	26	1	Journal
Unveiling the Complexities: Exploring Mechanisms of Anthracycline-Induced Cardiotoxicity	Rohit Tayal., Ashi Mannan., Shareen Singh., Sonia Dhiman., Thakur Gurjeet Singh	Current Cardiology Reviews	21		Journal
Cyclooxygenases: From Prostaglandin Synthesis to Innovative Therapies for Inflammation	Sumeet Sharma., Prerna Sharma., Nidhi Rani	Recent Advances in Inflammation & Allergy Drug Discovery	18		Journal
Advancing against drug-resistant tuberculosis: an extensive review, novel strategies and patent landscape	Meghana N Patel., Archita J Patel., Manish N Nandpal., Manan A Raval., Ravish J Patel., Amit A Patel., Keshav Raj Paudel., Philip M Hansbro., Sachin Kumar Singh., Gaurav Gupta., Kamal Dua., Samir G Patel	Naunyn-Schmiedeberg's Archives of Pharmacology			Journal
Mechanistic insights on the role of Nrf-2 signalling in Huntington's disease	Veerta Sharma., Prateek Sharma., Thakur Gurjeet Singh	Neurological Sciences			Journal
Decoding the Therapeutic Potential of Cannabis and Cannabinoids in Neurological Disorders	Mayur B Kale., Mohit D Umare., Nitu L Wankhede., Rohitas Deshmukh., Vikrant Abbot., Md Khalid Anwer., Brijesh G Taksande., Aman B Upananlawar., Milind J Umekar., Seema Ramniwas., Monica Gulati., Rashmi Arora., Tapan Behl	Current Pharmaceutical Design	30		Journal

Design of in situ implant for the brain-targeted drug delivery using cross-linked gellan gum polymer through response surface methodology	Imran Kazmi., Hemant Ks Yadav., Fahad A Al Abbasi., Muhammad Afzal., Muhammad Shahid Nadeem., Hisham N Altayb., Abhay Raizaday., Sadique Hussain., Haider Ali., Faisal Imam., Gaurav Gupta	Annales Pharmaceutiques Francaises[Annals Pharmaceutical French]			Journal
In vitro Antioxidant and Antimicrobial Effects of Mimosa elengi (Linn.) Stem Bark Extract	Maneesh Mohan., Anayat Ullah Mir., Nadeem Khan., Thakur Gurjeet Singh., Manish Kumar	Current Functional Foods	3	1	Journal
PPAR- $\gamma$ Signaling and Common Protective Pathways against Obesity and Alzheimer's Disease	Akhil Sharma., Ashi Mannan., Manish Kumar., Thakur Gurjeet Singh., Sushma Devi	Current Signal Transduction Therapy	20		Journal
Hepatoprotective Effect of Callicarpa lanata (L.) against Antituberculosis Treatment-induced Acute Hepatotoxicity	Imtiyaz Ahmed Najar., Zulfkar Latief Qadrie., Raj Kapoor Balasubramanian., Sazal Patyar., Poonam Arora., Pankaj Mal., Manish Kumar	Current Bioactive Compounds	21		Journal
Machine learning driven metal oxide-based portable sensor array for on-site detection and discrimination of mycotoxins in corn sample	Ranbir., Gagandeep Singh., Navneet Kaur., Narinder Singh	Food Chemistry	464		Journal
Neuroanatomical mapping of spexin and nesfatin-1-expressing neurons in the human brainstem	Artur Pań, Asz., Klaudia Ozimirska., Aleksandra Suszka Ąswitek., Katarzyna Bogus., Iwona Bą, Aszczyk., Veerta Sharma., Marta Pukowiec., Izabela Mą, Ynarczuk Biań, Y., John J Worthington., Anna Lipiec Borowicz	Neuropeptides	109		Journal

Mushrooms and Colorectal Cancer: Unveiling Mechanistic Insights and Therapeutic Innovations	Samridhi Kurl., Snimmer Kaur., Neeraj Mittal., Gurpreet Kaur	Phytotherapy Research			Journal
In Silico Identification of Promising PDE5 Inhibitors Against Hepatocellular Carcinoma Among Natural Derivatives: A Study Involving Docking and ADMET Analysis	Anil Kumar., Dharmendra Rajput., Naveen Gupta., Harpreet Singh., Shivani Chopra., Hitesh Chopra	Drug Research(Arznei mittel-Forschung)			Journal
Navigating liver health with metabolomics: A comprehensive review	Preetpal Singh., Ravinder Singh., Chirag Pasricha., Pratima Kumari	Clinica Chimica Acta	566		Journal
The Rise of FLiRT Variants in the COVID-19 Pandemic: What We Know So Far	Md Sadique Hussain., Gaurav Gupta	Current Pharmaceutical Design	31		Journal
Flavonoids and other constituents from Jacaranda mimosifolia: In vitro analysis, molecular docking, and molecular dynamic simulations of antioxidant and anti-inflammatory activities	Peron Bosco Leutcha, Hamadou Mamoudou, Yves Oscar Nganso Ditchou, Siddique Akber Ansari, Gabrielle Ange Amang A Ngnoung, Somdutt Mujwar, Jean Domga Taiga, Mohit Agrawal, Gertrude Messah Nembot, Seyni Boubakari Hamadou, Alain Meli Lannang	Biomedicine & Pharmacotherapy	182		Journal



Investigating in-depth potential of lipid-engineered emulsomes of aceclofenac for the management of arthritis: A comprehensive preclinical study	Gajanand Sharma, Anil Thakur, Jaspreet Singh, Gurjeet Kaur, Bhupinder Singh, Kaisar Raza, Om Prakash Katare	Inorganic Chemistry Communications	172		Journal
Phytochemical marvels: Solanum nigrum's journey from plant to diabetes treatment	Priyanka Paul, Raj Kamal , Aman Rai , Ankit A wasthi, Rohit Bhatia	South African Journal of Botany	177		Journal
Improving cargo loading and release strategies for exosomes nanovesicles	Saima Gupta, Kushal Singla, Garima, Gurpreet Kaur, Dalapathi Gugulothu, Neeraj Mittal, Saima Gupta, Kushal Singla, Garima, Dalapathi Gugulothu, Neeraj Mittal	Exosome Communication			Book Chapter
Pyrene functionalized organic cation receptor-based “turn-on” fluorescence approach for monitoring of chlorpyrifos in food, soil, and water samples	Manish Kumar, Aman Dhiman, Gagandeep Singh, Navneet Kaur, Narinder Singh	Analytica Chimica Acta	1336		Journal

Metal and Metal Oxide Nanoparticles: Computational Analysis of Their Interactions and Antibacterial Activities Against <i>Pseudomonas aeruginosa</i>	Sadoq B E., Mujwar S., Sadoq M., Boulaamane Y., Britel M R., Bouajaj A., Touhami A., Touhami F., Maurady A	BioNanoScience	15	1	Journal
Cerebral ischemia-reperfusion induces the expression of phoenixin receptor (GPR173) and adult neurogenesis marker proteins in the rat striatum	Mordecka Chamera K., Pań, Asz A., Suszka Ąswitek A., Bogus K., Skań, Ba W., Piwowarczyk Nowak A., Worthington J J., Pukowiec M., Sharma V., Filipczyk Ą	Brain Injury			Journal
Shramahara Mahakasya, a traditional polyherbal formulation, induces anti-anxiety activity in hippocampal neurons by effectuating SOD2-mediated protection against oxidative stress	Saini S., Kumar V., Haldar S., Chauhan S., Demiwal P., Ghosh S., Gupta S., Sircar D., Mahajon B., Roy P	Phytomedicine Plus	5	1	Journal
Okanin alleviates symptoms of nociceptive-like responses in diabetic peripheral neuropathy in type 1 diabetic Wistar rats by regulating the AGEs/NF-κB/Nrf-2 pathway	Ganie M R., Khan N., Shukla M., Sood S., Devi S., Arora P., Kumar M., Najar I A., Tang J	Journal of Pharmacological Sciences	157	1	Journal
Role of Flavonoids in Mitigating the Pathological Complexities and Treatment Hurdles in Alzheimer's Disease	Chib S., Dutta B J., Chalotra R., Abubakar M., Kumar P., Singh T G., Singh R	Phytotherapy Research			Journal
Antioxidants: Nature's Defense Against Disease	Sindhu R K., Singh I., Babu M A	Antioxidants: Nature's Defense against Disease			Book

Unraveling the Role of Repurposed Drugs in the Treatment of Acne: Success so Far and the Road Ahead	Popat S Kumbhar., Vikas Kamble., Kaustubh Ajit Kolekar., Manisha Singh., Sachin Kumar Singh., John Disouza., Vandana Patravale., Popat S Kumbhar., Vikas Kamble., Vikas Kamble., Kaustubh Ajit Kolekar., Sukriti Vishwas., Pranav Kumbhar., Kalpana S Patil., G	Drug Development Research	86	1	Journal
Transdermal Drug Delivery Systems: Integrating Modern Technology for Enhanced Therapeutics	Shushank Mahajan., Suresh Kumar Beniwal., Renu Saharan., Sanchit Dhankhar., Tanvi Kathuria., Samrat Chauhan., Preeti Dahiya., Inderjeet Verma., Sabina Yasmin	Current Drug Safety	20		Journal
Bridging gap in the treatment of Alzheimer's disease via postbiotics: Current practices and future prospects	Gaurav Gupta., Muralikrishnan Dhanasekaran., Dinesh Kumar Chellappan., Bushra Bashir., Monica Gulati., Sukriti Vishwas., Gaurav Gupta., Keshav Raj Paudel., Krishnan Anand., Poonam Negi., Pankaj Kumar Singh., Amarjitsing Rajput., Kamal Dua., Kamal Dua., Sa	Ageing Research Reviews			Journal

Phytochemistry, Pharmacological Targets, Biological Mechanisms and Patented Formulations of <i>Salacia reticulata</i> Wight (Celastraceae): An Appraisal of its Potential	Tatapudi Naga Aparna., Pranay Wal., Jyotsana Dwivedi., Shubhi Kaushal., Pulagurtha Bhaskararao., Devendra Kumar Sahu., Onkar Bedi., Mukesh Chandra Sharma	Current Organic Chemistry	29		Journal
Immune Biomarkers and Predictive Signatures in Gastric Cancer: Optimizing Immunotherapy Responses	Sundaram Vickram., Shofia Saghya Infant., S Manikandan., D Jenila Rani., C M Mathan Muthu., Hitesh Chopra	Pathology Research and Practice	265		Journal
PCOS-induced Cancers: A Brief Insight on the Relevance of Androgen and Obesity	Divyanshu Rajput., Ratima Sood., Rohit Bhatia	Letters in Drug Design and Discovery	22		Journal
Diosmin as Antidiabetic Agent: A Comprehensive Mechanistic Approach	Uma Jyoti., Sushma Devi	Current Bioactive Compounds	21		Journal
Harnessing Polyphenols and Novel Delivery Strategies for Effective Treatment of Breast Cancer	Varneet Sandhu., Ayushi Taneja., Sonia Dhiman., Thakur Gurjeet Singh., Inderbir Singh	Recent Advances in Drug Delivery and Formulation	19		Journal
A comprehensive review of sustainable hydrogels from lignin for advanced wastewater solutions	Kanika Raj., Tarak Vora., G Padmapriya., Basant Lal., Anita Devi., R S K Sharma., Mamata Chahar., L Sudhakar., R Suman., Rupak Nagraik	International Journal of Biological Macromolecules	301		Journal
Role of Liposomes in the Treatment of Neurodegenerative Disorders: A Comprehensive Review	Nitika Garg., Sanchit Dhankhar., Ankush Dhariya., Chander Parkash., Samrat Chauhan., Thakur Gurjeet Singh	Central Nervous System Agents in Medicinal Chemistry	25		Journal



Assessing Anti-Acne Potentials Via in-vitro, Ex-vivo, and in-vivo Models: A Comprehensive Approach	Ravi Goyal., Gurpreet Kaur., Deepinder Singh Malik., Sachin Singh., Kamal Dua., Deependra Singh., Thakur Gurjeet Singh	Current Drug Targets	26		Journal
Innovations in cellulose-based hydrogels for enhanced wastewater treatment through adsorption	Ankit Verma., Khalid Aljohani., Bassam S Aljohani., Basant Lal., Yashwantsinh Jadeja., Suhas Ballal., Mamata Chahar., Suman., Suman	International Journal of Biological Macromolecules	303		Journal
Genistein: A Promising Ally in Combating Neurodegenerative Disorders	Diksha Sharma., Varinder Singh., Amit Kumar., Thakur Gurjeet Singh	European Journal of Pharmacology	991		Journal
Implications of NETosis in Diabetic Wound Healing	Md Sadique Hussain, Ajay Singh Bist, Gaurav Gupta	Current Pharmaceutical Design	31		Journal
A Biochemical Investigation of the Prevalence of Hypercalcemia and Thiazide-Related Hypercalcemia in Patients	Shariq Rashid Masoodi, Moomin Hussain Bhat, Imtiyaz Ahmed Najar, Mosin S Khan, Javaid Rasool Bhat, Sazal Patyar, Poonam Arora, Manish Kumar	Current Drug Safety	20		Journal
A mini review on the morpholine ring containing UFDFA approved drugs: A medicinal chemistry-based analysis from 2013-23	Kapil Kumar Goel, Peeush Singhal, Elagandhula Sathish, M Arockia Babu, Sarvesh Kumar Pandey, Yogita Tyagi, Roshan Kumar, Thakur Gurjeet Singh, Sarthak Puri	Synlett			Journal

Phytomedicine in the Battle Against Liver Cancer: The Impact of Phytochemical mTOR Inhibition	Srishti Bhargav, Sumitra Patel, Shweta Shrivastava, Rajan Swami, Manish Kumar Jeengar	Liver Cancer and Phytomedicine: Chemoprevention , Chemo Sensitization and Chemotherapy Strategies			Book Chapter
Antimicrobial peptides: a promising frontier to combat antibiotic resistant pathogens	Shalini Shrivastav, Narinder Kaur, Mahmudul Hassan, Shakeel Ahmed Mohammed, Dr. Samrat Chauhan, Divya Mittal, Ayesha Bibi, Shalini Shrivastav, Narinder Kaur, Shakeel Ahmed Mohammed, Samrat Chauhan, Shahbaz Aman, Ayesha Bibi	Annals of Medicine and Surgery	87	4	Journal
Bioactive Phytochemicals: Unlocking the Promise of Natural Remedies for Diabetes Mellitus	Diksha Gulati, Ajmer Singh Grewal, Balraj Saini	Current Pharmaceutical Biotechnology	26		Journal
Design, Synthesis and Characterization of Novel Coumarin Derivatives as Potential Human Epidermal Growth Receptor - 2 Inhibitors for their Anti-Breast Cancer Activity	Astha, Monika Gupta, Anju Goyal, Neelam Jain, Somnath Bhinge, Rashmi Arora	Research Journal of Pharmacy and Technology	18	3	Journal
Hematochezia: A Rare Case of Blood Sweating	Neelam Singla, Aishwarya Rathod, Md Sadique Hussain, Kavita Goyal, R Roopashree, Pooja Bansal, Shivang Mishra, G V Siva Prasad, Haider Ali, Gaurav Gupta	Cardiovascular and hematological disorders drug targets	25		Journal
Reduced interleukin-2 receptor subunit $\gamma$ expression in Crohn's disease: A potential mechanism for $\gamma\delta$ T cell deficiency	Md Sadique Hussain, Ajay Singh Bisht, Gaurav Gupta	World Journal of Gastroenterology	31	13	Journal

The Road to Drug Discovery Targeting Abnormal Proteins: Taking a Glance at the Alzheimer's Treatments Through Rose-Colored Glasses	Shiveena Bhatia, Varinder Singh, Mohit Kumar, Manjinder Singh, Amit Kumar, Kavita Munjal, Hasandeep Singh, Tanveer Singh	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Oxidative Stress in Cardiovascular Disorders: Mechanisms and Therapeutic Implications	Karan Goel, Isha Chawla, Garima Malik, Meenakshi Dhanawat	The Role of Reactive Oxygen Species in Human Health and Disease			Book Chapter
Introduction to Free Radicals	Gagandeep Kaur, Lata Rani, Parul Sood, Vijay Kumar Sharma, Neeraj Mittal, Sushma Devi, Thakur Gurjeet Singh	Role of Free Radicals in Pathology			Book Chapter
Free Radicals and Dementia	Ashutosh Pandey, Reecha Madaan, Rajni Bala, Vivek Dhir, Ankit Kumar Dubey	Role of Free Radicals in Pathology			Book Chapter
Free Radicals and Parkinson's Disease	Parul Sood, Maneesh Mohan, Gagandeep Kaur, Lata Rani, Neha Kanojia, Komal Thapa	Role of Free Radicals in Pathology			Book Chapter
Free Radicals and Cardiometabolic Disorders	Vivek Kumar Sharma, Neeraj Mittal, Sushma Devi, Thakur Gurjeet Singh	Role of Free Radicals in Pathology			Book Chapter
Reactive Oxygen Species and Dyslipidemia	Veerta Sharma, Thakur Gurjeet Singh	Role of Free Radicals in Pathology			Book Chapter
Free Radicals and Depression: Crosstalk	Scindia Kohli, Rishu Ranjan, Ravinder Singh, Pratima Kumari, Sarita Jangra, Sanjana Mehta, Rupinder Kaur, Suman Baishnab, Harleen Kaur, Chirag Pasricha	Role of Free Radicals in Pathology			Book Chapter

Preclinical Testing Methods for Evaluation of Potential Anti-Alzheimer's Drugs	Mintu Mathew, Vaishnavi R Unnithan, Rajan Swami, Jaya Thomas, Manish Kumar Jeengar	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Free Radicals and Chronic Obstructive Pulmonary Disease (COPD)	Deepak Kajla, Ashi Mannan, Satyender Kumar, Seema, Amit Mittal, Neeraj Mittal, Sushma Devi, Thakur Gurjeet Singh	Role of Free Radicals in Pathology			Book Chapter
Retraction notice to "Exploring the role of astrocytic dysfunction and AQP4 in depression" [Cellular Signalling 96 (2022) 110359] (Cellular Signalling (2022) 96, (S0898656822001218), (10.1016/j.cellsig.2022.110359))	Rana T., Behl T., Shamsuzzaman M., Singh S., Sharma N., Sehgal A., Alshahrani A M., Aldahish A., Chidambaram K., Dailah H G., Bhatia S., Bungau S	Cellular Signalling	132		Journal
Insights into in silico analysis to explore the multitarget antidepressant role of Camellia sinensis	Choudhary D., Kaur R., Rani N., Kumar B., Singh T G., Chandrasekaran B., Rawat R., Eyupoglu V	Journal of Biomolecular Structure and Dynamics			Journal
NANOTECHNOLOGY-BASED SMART PHARMACEUTICAL NANOCARRIERS FOR NUTRACEUTICAL DELIVERY	Singla M., Singh S., Rehman F., Bhargava S., Raina D., Gupta S M	The Nature of Nutraceuticals: History, Properties, Sources, and Nanotechnology			Book Chapter
Advancements in Structure-based Drug Design Using Geometric Deep Learning	Tomojit Bhattacharjee, Rohit Bhatia	Current Medicinal Chemistry	0		Journal
Polycystic Ovary Syndrome and Vitamin D Status - Impact of Vitamin D Supplementation on Insulin Resistance	Shariq Rashid Masoodi, Khalid J Farooqui, Imtiyaz Ahmed Najjar, Peerzada Ovais Ahmad, Sazal Patyar, Poonam Arora, Manish Kumar	Reviews on Recent Clinical Trials	0		Journal



QbD assisted development of hyaluronic acid and TPGS incorporated DOX liposome(s): in vitro assessment of cytotoxicity, uptake, ROS, and NF-κB potential on MDA-MB-231 cells	Kumari L., Singh R., Patel P., Singh A., Singh D., Sharma N., Das Gupta G., Das Kurmi B	Naunyn-Schmiedeberg's Archives of Pharmacology			Journal
An overview on in-vivo generation of CAR-T cells using CRISPR-loaded functionalized nanocarriers for treating B-cell lineage acute lymphoblastic leukemia	Saha T., Saha R P., Singh M K., Priya K., Singh S., Rajeev M., Bhattacharya D., Nag M., Lahiri D	Molecular Biology Reports	52	1	Journal
Nanoparticles for overcoming blood-brain barrier challenges in neurodegenerative illness	Vickram Agaram Sundaram, Bharath Saravanan, Jenila Rani Durairaj, Bhavani-Sowndharya Balamurugan, Mathan-Muthu Chinnakannu Marimuthu, Hitesh Chopra	Biomedical engineering communications	4	4	Journal
Regenerative Medicine-A Promising Approach to Address the Global Healthcare Challenges and Promoting Sustainability	Shahid Nazir Wani, Ishrat Zahoor, Junaid Tantray, Goli Venkateshwarlu, Pradyumn Tiwari, Shahbaz Eqbal, Faiyazuddin, Amer Ahmed Syed	Design and Processing of Green Materials			Book Chapter
Nanotherapeutics and nanotheranostics in miscellaneous fungal infections	Kaur A., Raj K., Rajput P., Bhatia R	Applications of Nanotherapeutics and Nanotheranostics in Managing Infectious Diseases			Book Chapter

Environmental toxicants	Gaurav Gupta, Muhammad Afzal, Sadique Hussain, Asif Ahmad Bhat, Riya Thapa, Raihan, Poonam Arora, Poonam Negi, Dinesh Kumar Chellappan, Harish Dureja, Sachin Kumar Singh, Kamal Dua, Vetriselvan Subramaniyan	Lung Cancer and Environmental Toxicants			Book Chapter
Retraction notice to “Exploring the therapeutic promise of targeting HMGB1 in rheumatoid arthritis” [Life Sci. 258 (2020) 118164]	Ishnoor Kaur, Tapan Behl, Simona Bungau, Arun Kumar, Vineet Mehta, Dhruv Setia, Md Sahab Uddin, Gokhan Zengin, Lotfi Aleya, Sandeep Arora	Life Sciences			Journal
Expanding arsenal against colorectal cancer using guar gum-based nanocarriers: A review	Popat S Kumbhar, Kaustubh Ajit Kolekar, Nikhil B Khandale, Sukriti Vishwas, Sameer Nadaf, Kalpana S Patil, Amol S Shete, Gaurav Gupta, Shailendra S Gurav, Sachin Kumar Singh, John Disouza, Vandana B Patravale	International Journal of Biological Macromolecules	320		Journal
Hippocampal neurogenesis: Bridging stress, cognitive decline, and therapeutic strategies for neural health	Vivek Sharma, Preety Sharma, Ashi Mannan, Sonia Dhiman, Maneesh Mohan, Shareen Singh, Thakur Gurjeet Singh	Behavioural Brain Research	494		Journal
Development and In-vitro Optimization of Telmisartan-Curcumin Solid Dispersion Nanoparticles for the Management of Diabetic Nephropathy Using DoE Approach	Aruna Rawat, Dr. Samrat Chauhan, Rahul Pratap Singh, Monika, Sumeet Gupta, Vikas Jhawar	Drug Development and Industrial Pharmacy			Journal

Integration of Brain-Computer Interfaces in Modern Healthcare	Manish Kumar, Hakam Singh, Nilamadhab Mishra, Ramamani Tripathy, Rudra Kalyan Nayak, Amit Thakur	The Role of Artificial Intelligence in Advancing Applied Life Sciences			Book Chapter
Topical astaxanthin via nano flexible membrane vesicles: A new paradigm in atopic dermatitis treatment with immunomodulatory and anti-inflammatory benefits.	Chetna Hemrajani, Poonam Negi, Prakrati Garg, Shweta Agarwal, Aditi Sharma, Kamal Dua, Dinesh Chellapan, Sachin Kumar Singh, Gaurav Gupta	Journal of Drug Delivery Science and Technology			Journal
Dissolving microneedles as emerging tools in delivery of biological macromolecules: Current practices and future opportunities	Kaustubh Ajit Kolekar, Sukriti Vishwas, Popat S Kumbhar, Bushra Bashir, Harish Dureja, Amarjitsing Rajput, Gaurav Gupta, Vandana Patravale, John Disouza, Sachin Kumar Singh	Journal of Drug Delivery Science and Technology	112		Journal
PERK activation mediates neuroprotection against chronic unpredictable stress-induced neurobehavioral changes via the TFEB pathway	Gauri Vishen Singh, Chetna, Amarjot Kaur, Ojashvi Sharma, Amit Kumar, Heena, Varinder Singh, Pragati Silakari, Thakur Gurjeet Singh, Tanveer Singh, Sheikh F Ahmad, Haneen A Al - Mazroua	Pharmacology Biochemistry and Behavior	255		Journal
4D-printed multifunctional hydrogels as flexible strain sensors and nerve conduits	Akshat Joshi, Saswat Choudhury, Arabinda Majhi, Sampath Parasuram, Vageesh Singh Baghel, Chauhan, Supriya Khanra, Debrupa Lahiri, Kaushik Chatterjee	Biomaterials Science			Journal

Exploration of Predictive Potential of AI-enabled Portable System in Anticancer Drug Delivery: A Comparative Study with Modified Gompertz like Biphase Response Model	Subeel Shah, Kapil Saraswat , Charu Misra, Poonam Negi, Kaisar Raza	AAPS PharmSciTech	26	7	Journal
Neural Networks of Knowledge: Ontologies Pioneering Precision Medicine In Neurodegenerative Diseases	Pooja Mittal, Rupesh Kumar Gautam, Himanshu Sharma, Rajat Goyal, Garima Malik, Ramit Kapoor, Dileep Kumar Sharma, Mohammad Amjad Kamal , Haque Shafiul, Siva Gajula Nageswara Rao	Current Neuropharmacology	23		Journal
Retraction notice to “Decrypting the potential role of $\alpha$ -lipoic acid in Alzheimer's disease” [Life Sci. 284 (2021) 119899]	Dapinder Kaur, Tapan Behl, Aayush Sehgal, Sukhbir Singh, Neelam Sharma, Sridevi Chigurupati, Ahmed Alhowail, Ahmed Abdeen, Samah F Ibrahim, Celia Vargas -De-La-Cruz, Monika Sachdeva, Saurabh Bhatia, Ahmed Al-Harrasi, Simona Bungau	Life Sciences			Journal
Anticancer Activity of Roburic Acid: In Vitro and In Silico Investigation	Adrianna Gielecinska, Mateusz Kciuk, Somdutt Mujwar, Johannes A Schmid, Renata Kontek	International Journal of Molecular Sciences	26	13	Journal
Quality by Design-Based Method for Simultaneous Determination of Glimepiride and Lovastatin in Self-Nano Emulsifying Drug Delivery System	Priyanka Paul, Raj Kamal, Thakur Gurjeet Singh, Ankit A wasthi, Rohit Bhatia	Separation Science Plus	8	7	Journal



Blockchain Innovations in Pharmaceutical Applications	Dinesh Kumar, Rajni, Puja Gulati, Savita Deokar, Rajib Singh, Debarshi Kar Mahapatra	Blockchain in Health Sciences			Book Chapter
Revolutionizing Precision Medicine: Unveiling Smart Stimuli-Responsive Nanomedicine	Ayushi Taneja, Himanshu Sekhar Panda, Jiban Jyoti Panda, Thakur Gurjeet Singh, Avneet Kour	Advanced Therapeutics			Journal
The Fragile Balance: Autophagy's Role in Neurodegenerative Disease Progression	Bharat Bhushan, Meenakshi Dhanawat, Garima, Kashish Wilson, Sumeet Gupta, Dr. Samrat Chauhan	Current Neuropharmacology	23		Journal
Icariin as a therapeutic agent in breast cancer: modulating apoptosis and suppressing proliferation	Kavita Goyal, Muhammad Afzal, M Arockia Babu, R Roopashree, Pooja Bansal, Poonam Negi, Dinesh Kumar Chellappan, Gaurav Gupta	Journal of Complementary and Integrative Medicine			Journal
Exploration of Imatinib involved in amyloidogenesis as a common foundation for type-2 diabetes mellitus (T2DM) and Alzheimer's disease (AD)	Ashi Mannan, Shareen Singh, Maneesh Mohan, Thakur Gurjeet Singh	Metabolic Brain Disease	40	6	Journal
Oxindole Derivatives as Multi-Target Agents for Alzheimer's Disease: A Promising Therapeutic Strategy	Chetna Jhagta, Manjinder Singh	ChemistrySelect	10	27	Journal
Unraveling the Mechanisms	Pranshul Sethi, Aniruddha Sen, Sonima, Ayush Madan, Syed Mohsin Waheed, Bibhas Kumar Bhunia	Stem Cell Therapeutics			Book Chapter
Tissue Engineering Paradigms Creating Functional Replacements with Stem Cells	Karan Goel, Isha Chawla, Garima, Sarita Sharma, Sumeet Gupta	Stem Cell Therapeutics			Book Chapter

RISPR-Cas9 and Beyond Gene Editing Frontiers in Stem Cell Therapeutics	Pranshul Sethi, Sonali Rastogi, Kajal Sherawat, Neetu Panwar, Ayush Madan, Mojahidul Islam	Stem Cell Therapeutics			Book Chapter
Future Horizons: Exploring the Evolution of Wearable and Flexible Health Devices	Himanshu Sharma, Pooja Mittal, Gurdev, Vishnu Mittal	Smart Textiles and Wearables for Health and Fitness			Book Chapter
Nanotechnology-Enhanced Transdermal Patches for Hypertension: A Review	Nishant Yadav, Parveen Kumar, Thakur Gurjeet Singh, Sushma Devi	Current Hypertension Reviews	21		Journal
Bioactive-Based Nanocarriers for Dermal Diseases	Nitika Garg, Sanchit Dhankhar, Dr. Samrat Chauhan, Suresh Beniwal	Bioactive-Based Nanotherapeutics			Book Chapter
Bioactive-Based Nanocarriers for the Treatments of Obesity A Novel Approach	Loveleen Kaur, Baljinder Singh, Raghav Tandon, Reecha Madaan, Rakesh K Sindhu, Sumitra Singh	Bioactive-Based Nanotherapeutics			Book Chapter
Recent Developments of the $\beta$ -ketoacyl-acyl carrier protein synthase III (FabH) Inhibitors: Emerging Indication as Antibacterial Agents	Sangeeta Verma, Pankaj Gupta, Sukhbir Lal, Rakesh Narang, Somdutt Mujwar, Shubham Saini, Jitender Sharma	European Journal of Medicinal Chemistry			Journal
Investigation of a Gel Formulation Using a Halobetasol–Phospholipid Complex for Managing the Symptoms of Psoriasis	Kashish Wilson, Chander Parkash, Garima, Bharat Bhushan, Anjali Bhardwaj, Pramila Chaubey, Sumeet Gupta	Journal of Pharmacology and Pharmacotherapeutics			Journal
Aptamer-Based Biosensors for Cancer Imaging	Manju Jakhar, Nidhi Rani, Thakur Gurjeet Singh	Biosensors and Aptamers			Book Chapter
Advancing Ocular Therapeutics: The role of alginate hydrogels in overcoming drug delivery barriers – A review	Samridhi Kurl, Neeraj Mittal, Gurpreet Kaur	International Journal of Biological Macromolecules	321		Journal

Integrating Quality by Design (QbD) in Phytosomal Drug Delivery: A New Era in Precision Phytotherapy	Sumant Kumar, Omar Awad Alsaidan, Sami I Alzarea, Akshay Kumar, Suresh Babu Kondaveeti, Diksha Sharma, Mohit Kumar, Devesh Kumar	AAPS PharmSciTech	26	7	Journal
Advancing osteoarthritis management: integrating new insights and addressing persistent roadblocks	Aditi Kaushik, Vrinda Gupta, Manish Kaushik, Amardeep Ankalgi, Ashawat M S, Verma C P S, Deewakar Baral	Inflammopharmacology			Journal
The Dual Role of Conjugated Linoleic Acid in Obesity and Metabolic Disorders	Magendran Rajendran, Shanmugasundaram Palani, Thakur Gurjeet Singh, Brian Oliver, Kaml Dua, Vetriselvan Subramaniam, Kumaran Narayanan	Food Science and Nutrition	13	7	Journal
Biomarkers in Disease Diagnosis and Monitoring: Insights into Clinical Applications and Mass Spectrometry-based Detection	Shibam Das, Ankit Awasthi, Ravindra Kumar Rawal, Rohit Bhatia	Research Square			PrePrint
Exploring Beta Secretase Inhibitors as the Evergreen Drug Target for Alzheimer's Disease: Calling Herbal Therapies to the Rescue	Shiveena Bhatia, Manjinder Singh, Amit Kumar, Varinder Singh, Kavita Munjal, Mohit Kumar, Tanveer Singh, Hasandeep Singh	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Role of Natural Steroidal Phytopharmaceuticals in the Management of Alzheimer's Disease	Pallavi Bassi, Sushma Devi, Shivani Rana, Ankita Thakur, Jangjeet Karan Singh	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter

Potential Role of Terpenes in the Management of Alzheimer's Disease	Diksha Sharma, Amit Kumar, Ayushi Negi, Manjinder Singh, Varinder Singh, Mohit Kumar	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Chemotherapeutics Associated Central Nervous System Toxicity: Mechanistic Insights	Shivani Chib, Bhaskar Jyoti Dutta, Sanket Seksaria, Muhammed Amanat, Randhir Singh	Current Cancer Therapy Reviews	21		Journal
Drug Delivery Strategies for Drug Targeting to Alzheimer's Disease	Divyasree Kandipati, Jyoti Dange, Teenu, Manish Kumar Jeengar, Rajan	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Nanocargos for Efficient Delivery of Nutraceuticals Across the Blood-Brain Barrier	Yukta Guggal, Trupti Dandekar, Rajan, Teenu Sharma	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Free Radicals and Arrhythmia	Ashi Mannan, Thakur Gurjeet Singh, Neeraj Mittal, Sushma Devi	Role of Free Radicals in Pathology			Book Chapter
Free Radicals and Alzheimer's Disease	Pragati Silakari, Om Silakari, Jyoti Singh	Role of Free Radicals in Pathology			Book Chapter
A perspective on the synthetic methodologies and biological attributes of thiazole-hydrazone compounds: a medicinal chemistry-based investigation	Pallishree Bhukta, Akash Verma, Roshan Kumar, Arockia Babu Marianesan, Suhas Ballal, Amrita Pal Adhir, Thakur Gurjeet Singh, Ganesh Bushi, Abhay M Gaidhane, Deepankar Rath, Prateek Pathak, Ashish Ranjan Dwivedi	Molecular Diversity			Journal



The Role of Oxidative Stress in the Onset of Epilepsy	Malika Gupta, Rajni Bala, Reecha Madaan, Bahadur Singh	Role of Free Radicals in Pathology			Book Chapter
Free Radicals-Induced Migraine	Anju Bala, Diksha Soni, Shreya Sood, Parveen Kumar, Inderjeet Verma, Chander Parkash	Role of Free Radicals in Pathology			Book Chapter
Development and In Vitro Assessment of a Pluronic-coconut Oil- lecithin Organogel for Topical Delivery of Lornoxicam in Managing Cervical Spondylosis	Yeshna, Monika Singh, Monika, Ankit Bansal, Dr. Samrat Chauhan, Rohit Dutt, Vikas Jhawar	Drug Delivery Letters	15		Journal
Oxidative Stress in Rheumatoid Arthritis	Akhil Sharma, Rohit Tayal, Shareen Singh, Pallavi Bassi, Thakur Gurjeet Singh, Neeraj Mittal, Sushma Devi	Role of Free Radicals in Pathology			Book Chapter
Free Radicals: A Twin-Edged Sword in Cancer Generation and Prevention	Urmi Bhadouria, Atul Jain, Himanshu Sharma, Amarjot Kaur, Teenu Sharma	Role of Free Radicals in Pathology			Book Chapter
Nanotherapeutics Mediated Intranasal Delivery for Therapeutic Effect on Parkinson's Disease: Balancing Advancements and Challenges	Pankaj Popli, Barika Rana, Sonia Dhiman, Indu Singh, Rajan, Thakur Gurjeet Singh	Current Drug Research Reviews	17		Journal
Genomic Medicine: A Critical Review of its Impact on Diagnosing and Treating Genetic Disorders	Vickram Sundaram, Sindhu Kaviya Rengarajan, Sivasubramanian Manikandan, Saravanan Anbalagan, Vidhya Lakshmi Sivakumar, Thamarai Packiyam, Hitesh Chopra	Current Gene Therapy	25		Journal

Unveiling the power of polymeric nanoparticles: Pioneering advances in breast cancer treatment	Vishal Kumar, Saurav Kumar Jha, Garima Gupta, Amirhossein Sahebkar, Prashant Kesharwani	Advances in Colloid and Interface Science	344		Journal
A Novel Approach to Secure Medical Prescription Data using Blockchain and Centralise Database	Mohit Mohit	Research Square			PrePrint
Targeting ASK1 signaling in neurodegeneration: molecular insights and therapeutic promise	Nasreen Sulthana, Piyush Mittal, Ahsas Goyal, Suhas Ballal, Laxmidhar Maharana, Amita Joshi Rana, Yumna Khan, Kavita Goyal, Rakhi Mishra, Haider Ali, Gaurav Gupta, Md Sadique Hussain	Apoptosis			Journal
Deprived Self-Care and Social Support System Among Elderly	Manpreet Kaur, Diksha Sharma, Karan Kaushik, Neha Verma	Galore International Journal of Applied Sciences and Humanities	9	2	Journal
Screening of competent pyrolyzed biomass to generate activated porous material for the removal of nitrate ions from contaminated water	Divyani Sharma, Ahmed Shayaa Kareem, Jyotsna Kaushal	Aip Conference Proceedings	3318		Conference
Target-Specific Potency and Drug-Ability Profile of Flavonoids Against Lung Cancer: An Integrative Multi-Omics Approach for Lead Identification	Ali M Alaseem, Glow Alasiri, Arockia Babu Marianesan, Thakur Gurjeet Singh, Prawez Alam, Mohammad Fareed, Nisha Bansal	Drug Development Research	86	5	Journal
Non-covalent modifications of DNA origami nanostructures to enhance drug delivery for breast cancer therapy	Hari Om, Sonali Hanjankar, Sukriti Vishwas, Sachin Kumar Singh, Vandana B Patravale	Journal of Drug Delivery Science and Technology	113		Journal

Recent progress in the development of HSP90 inhibitors: structure–activity relationship and biological evaluation studies	Ankush Kumar, Aman Rai, Naresh Kumar Rangra, Thakur Gurjeet Singh, Samson Chibuzo Ugwuagbo, Rohit Bhatia	Molecular Diversity			Journal
Development of functionalized ionic liquid and polyamide dye-modified ZnO photoanode for enhanced optoelectronic and photovoltaic performance	Diksha Saini, Satbir Singh, Gagandeep Singh, Gurpreet Singh, Shashi Bhushan Rana	Journal of Materials Science: Materials in Electronics	36	22	Journal
In silico design of novel dihydropteridone derivatives with oxadiazoles as potent inhibitors of MCF-7 breast cancer cells	Mourad Aloui, Mohamed El Fadili, Mohammed Er-Rajy, Somdutt Mujwar, Hatem A Abuelizz, Sara Er-Rahmani, Elhalaoui Menana	Frontiers in Chemistry	13		Journal
Neuroprotective effect of Tozasertib in Streptozotocin-induced alzheimer's mice model	Darshpreet Kaur, Amarjot Kaur, Suad Hamdan Almasoudi, Ahmad H Almeahmadi, Bshra A Alsouk, Amit Kumar, Varinder Singh, Athanasios Alexiou, Marios Papadakis, Nermeen N Welson, Thakur Gurjeet Singh, Gaber El-Saber Batiha	Scientific Reports	15	1	Journal
A Systematic Assessment of the Plausible Role of Herbal Plants in Diabetes Mellitus	Neeraj Choudhary, Gurinder Kaur Dhaliwal, Puneet Kaur, Ujjwal Kaushik, Vikrant Abbot, Rakesh Kumar	Revista Brasileira de Farmacognosia			Journal
Novel Hyaluronic Acid Based Adapalene Nano Vesicular Formulation for Enhanced anti-acne	Maitrayee Ghosh, Debajyoti Roy, Ravi Pratap Singh, Isf College Of	Journal of Cluster Science	36	5	Journal

Control: A Sensitivity and Pharmacodynamic Analysis	Pharmacy, Amrinder Singh				
Quality by design tailored development of xanthohumol-loaded nanoemulsion: characterization and evaluation of in vitro antioxidant potential	Gollapalli Lakshmi Sri Sai Kumar, Vancha Harish, Sharfuddin Mohd, Sachin Kumar Singh, Sukriti Vishwas	Chemical Papers			Journal
Recent advancements in alginates as wound dressing carrier: current trends and technologies	Gurjeen Singh, Garima, Samridhi Kurl, Sushma Devi, Gurpreet Kaur, Neeraj Mittal	Archives of Dermatological Research	317		Journal
Predicting the effects of cultural intelligence on innovation in start-ups	Manjinder Singh, Amit Mittal, Varun Malik, Ruchi Mittal, Geetanjali Singala, Amandeep Kaur	A Journal of Prevention, Assessment & Rehabilitation			Journal
Influenza strains in focus: global approaches to the diagnosis, treatment, and control of H1N1, H3N2, H7N9, and H9N2	Amandeep Singh, Prabhjot Kaur, Manish Kumar, Rohit Bhatia, Sheeba Shafi, Prabhat Kumar Upadhyay, Ashish Gaur, Abhishek Tiwari, Varsha Tiwari	Pathogens and Global Health			Journal
Targeting Cdc42: Novel Approaches in Cardiovascular Disorders	Rupali Chauhan, Sushma Devi, Thakur Gurjeet Singh	Current Protein and Peptide Science	26		Journal
Nanotechnology in Anti-EGFR Treatments: Enhancing Delivery and Minimizing Toxicity in Cancer Therapy	Md Moidul Islam, Harmanjot Kaur, Harpreet Kaur, Sushil Kumar Singh, Jyotibikash Kalita, Amit Kumar, Akashdeep Singh	Clinical Cancer Drugs	11		Journal
Pectin Based Three Dimensional Printing in Wound Healing: Innovations, Challenges, and Future Prospects: A Review	Sindhu Abraham, Sharon Caroline Furtado, Shwetha Krishna Murthy, Omar A wad Alsaidan, Bhupendra Prajapati	Carbohydrate Polymer Technologies and Applications			Journal

Boosting Brain Clean-Up: Can Targeting UPS Genes Offer Neuroprotection?	Ashi Mannan, Akhil Sharma, Thakur Gurjeet Singh	Molecular Neurobiology			Journal
Global estimates on the number of people blind or visually impaired by cataract: a meta-analysis from 2000 to 2020	Konrad Pesudovs, Van Charles Lansingh, Hitesh Chopra, Yossef Teshome Zikarg, Jaimie D Steinmetz	Meta-Analysis	38		Journal
LangChain Simplifying Development with Language Models	Sangeetha Annam, Merry Saxena, Ujjwal Kaushik, Shikha	Textual Intelligence			Book Chapter
Leveraging Digital Data and Soft Computing Techniques for Advanced Mental Health Analysis and Intervention Strategies	Malatesh Akkur, Bijay Kumar Paikaray, C Mukuntharaj, Pratibha Sharma, S Sheril, Amritpal Sidhu	2025 IEEE International Conference on Emerging Technologies and Applications (MPSec ICETA)			Conference
Comparative study for the removal of nitrate from wastewater using nanoparticles (co, fe, mn) incorporated biochar	Divyani Sharma, Jyotsna Kaushal	Nanotechnology for Environmental Engineering	10	3	Journal
A Multidimensional Approach Evaluating the Role of Integrative Medicine for the Management of COVID-19	Shahid Nazir Wani, Amarjot Kaur, Amit Kumar, Ishrat Zahoor, Ahsan Ali, Shahbaz Eqbal	Advances in Integrative Medicine			Book Chapter
Integrative Medicine to Treat Tracheae, Bronchus, and Lung Cancer	Ishrat Zahoor, Rajni Bala, Sukhbir Singh, Neelam Sharma, Dr. Samrat Chauhan, Shahid Nazir Wani, Ahsan Ali, Priya Dhiman	Advances in Integrative Medicine			Journal
Gold-Containing Compound Auranofin Ameliorates 6-OHDA Induced Neurotoxicity in Rats: Via Targeting PI3K/Akt/GSK-3 $\beta$ Signalling	Divya Soni, Manjinder Singh, Yogesh Garg, Amit Bhatia, Puneet Kumar	Clinical and Experimental Pharmacology and Physiology	52	10	Journal



Exploring Phyto-Resources of Tulsi for the Management of Depression: A Discovery Through Computational and Pharmacological Studies	Diksha Choudhary, Rajwinder Kaur, Balakumar Chandrasekaran, Nidhi Rani, Bhupinder Kumar, Ashi Mannan, Volkan Eyupoglu, Thakur Gurjeet Singh	Chemistry Africa			Journal
Impact of Freeze-Drying on Pharmaceutical Product's Morphology, Physical Characteristics, and In Vitro Release Kinetics	Nitika, Hiti, Sushant Sharma, Thakur Gurjeet Singh, Sonia Dhiman, Chander Parkash	Freeze-drying Technology in Pharmaceutical and Biomedical Product Development			Book Chapter
Nanoparticle-based drug delivery systems: A promising approach for targeted ulcerative colitis therapy	Tanwar Neha, Kaur Loveleen, Chopra Hitesh	Scripta Medica	56	1	Journal
Role of Oxidative Stress in Ocular Disorders	Sneha Poddar, Ankur, Ashish Sharma, Ashi Mannan, Thakur Gurjeet Singh, Sushma Devi, Neeraj Mittal	Role of Free Radicals in Pathology			Book Chapter
Pathophysiology and Diagnosis of Alzheimer's Disease: Past and Recent Developments	Nirmal Singh, Kuldeep Kumar, Simrat Kaur, Ayush Kandpal, Harlokesh Narayan Yadav, Dhandeep Singh, Dimple Sethi Chopra, Amteshwar Singh Jaggi, Amit Kumar, Vasudevan Mani	Neuro-Nutraceuticals and Drug Discovery and Delivery in Alzheimer's Disease			Book Chapter
Magnetic hyperthermia-based therapies for cancer targeting: current progress and future perspectives	Prinsy Rana, Garima, Sushma Devi, Gurpreet Kaur, Sachin Kumar Singh, Neeraj Mittal, Prinsy Rana	Medical Oncology	42	10	Journal

Targeting the Hippo/Y AP Pathway: A Promising Approach for Cancer Therapy and Beyond	Rajni Bala, Reecha Madaan, Onkar Bedi, Amrinder Singh, Ayushi Taneja, Renu Dwivedi, Gabriela Figueroa-González, Octavio Daniel Reyes-Hernández, Laura Itzel Quintas-Granados, Genómica, Dietrich Büsselberg, Gerardo Leyva-Gómez, Javad Sharifi-Rad, William C Cho, Rajni Bala, Reecha Madaan, Onkar Bedi, Amrinder Singh, Ayushi Taneja, Renu Dwivedi, Gabriela Figueroa-González, Octavio Daniel Reyes-Hernández, Laura Itzel Quintas-Granados, Genómica, Dietrich Büsselberg, Gerardo Leyva-Gómez, Javad Sharifi-Rad, William C Cho	MedComm	6	9	Journal
Deploying the drug repurposing approach for the identification of selective monoamine oxidase-B inhibitors against neurological disabilities: an in Silico and in vitro approach	Mohamed Mohany, Salim S Al-Rejaie , M Arockia Babu, Thakur Gurjeet Singh, Prawez Alam, Mohammad Fareed, Nisha Bansal	Journal of Computer-Aided Molecular Design	39	1	Journal
Unlocking the Power of mRNA: Pioneering a New Era in Therapeutic Innovation and Precision Medicine	Sandeep Kumar, Rohit Bhatia, Rajesh Kumar Singh	Reviews on Recent Clinical Trials	20		Journal
Potential of Naringin, Hesperidin and Rutin: Phytochemical and Biological Benefits	Loveleen Kaur, Athrv Arora, Shifali Gupta, Sapna Kumari,	Scripta Medica	56	4	Journal

	Madhukar Garg, Hitesh Chopra				
Nutrigenomics: A Budding Cross-Over	Navidha Aggarwal, Rohit Malik, Arun Mittal, Shiva Tushir, Shivani Chopra, Hitesh Chopra	Scripta Medica	56	4	Journal
Role of Nanotechnology in the Management of Rheumatoid Arthritis	Faheem Mustafa, Ramsha Ajmal, Hafsa Salam, Rabiatal Adawiyah Binti Umar, Wan Rohani Binti Wan Taib, Shivani Chopra, Hitesh Chopra	Scripta Medica	56	4	Journal
Metallic and lipid nanoparticles against multidrug resistant candida: advances and translational hurdles	Manoj Dalabehera, Rudra Narayan Subudhi, Joshua Boateng, Yahya E Choonara, Shubham Chaudhari, Dinesh Kumar Chellappan, Neha Kanojia, Thakur Gurjeet Singh, Poonam Negi	Expert Opinion on Drug Delivery			Journal
Recent Development of Metallopharmaceuticals in Cancer Therapy: Ruthenium Complexes and Their Analogues	Sneha Garg, Ankush Kumar, Yash, Suruchi Chaubey, Harnoor, Pratima Kumari, Rohit Bhatia, Ravinder Singh	Synlett			Journal
Revolutionizing Drug Delivery: The Promise of Self-emulsifying Systems in Overcoming Bioavailability Challenges	Sonia Dhiman, Ashi Mannan, Maneesh Mohan, Thakur Gurjeet Singh	Current Drug Research Reviews	17		Journal

Computational Design and Evaluation of N-Aryl Oxamic Acid Derivatives Targeting Mycobacterium Tuberculosis Protein Tyrosine Phosphatase B (PtpB): 2D-QSAR, Molecular docking, MD Simulations, DFT, and Pharmacokinetic Profiling	Thomas Aondofa Nyijime, Gideon Adamu Shallangwa, Adamu Uzairu, Abdullahi Bello Umar, Muhammad Tukur Ibrahim, Mohamed El Fadili, Somdutt Mujwar	Research Square			PrePrint
The Bidirectional Relationship between Psoriatic Arthritis and Mental Health: A Comprehensive Review	Shushank Kumar Mahajan, Sanjana Mehta, Soumarshi Das, Unnati Jain, Dr. Samrat Chauhan, Sanchit Dhankhar	Current Rheumatology Reviews	21		Journal
Optimized Formulation of Sulfasalazine and Probiotic-Loaded Carrageenan Microparticles Using Design of Experiments for Effective Colitis Management	Sarmili Sahoo, Akshita Arora, Simranjeet Kaur, Diksha, Rohit Bhatia, Shamsher Singh, Raj Kumar Narang, Rajveer Singh, Naresh Kumar Rangra, Amandeep Singh	Recent Advances in Drug Delivery and Formulation	19		Journal
Transdermal Drug Delivery System: Current Progress and Prospects for the Future An Overview	Gopal Thakur, Pallavi Bassi, Kritika Garg, Neha Kumari	Research Journal of Pharmacy and Technology	18	7	Journal
Cadmium toxicity, health risk and its remediation using low-cost biochar adsorbents	Lata Rani, Jyotsna Kaushal, Arun Lal Srivastav, Shahab Abdulla, Chander Prabha, Herat Joshi	Open Life Sciences	20	1	Journal
Transforming advancing autosomal dominant polycystic kidney disease care: investigating new horizons in treatment and research	Komal Thapa, Heena Khan, Amarjot Kaur, Thakur Gurjeet Singh	Inflammopharmacology			Journal
Antioxidants and Inflammation: Bridging Natural Remedies with Modern Technology for Healthier Living	Sanshita, Olutayo A Adeleye, Vaishali Thakur, Ayomide D Mustapha, Navneet Kaur, Kushagra	Hacettepe University Journal of the Faculty of Pharmacy	45	3	Journal

	Garg, Inderbir Singh				
Tailoring the biomarkers of Alzheimer's disease using a gut microbiome-centric approach: Preclinical, clinical, and regulatory perspectives	Siya Sharma, Bushra Bashir, Kaustubh Ajit Kolekar, Sukriti Vishwas, Jaskiran Kaur, Gaurav Gupta, Popat S Kumbhar, Deepshikha Patle, Sachin Kumar Singh	Ageing Research Reviews	112		Journal
Cutting-Edge Innovations: Recent Patents in Medicinal Chemistry	Arshleen Kaur, Rajesh K Singh, Rohit Bhatia	Current Medicinal Chemistry	32		Journal
Retraction notice to "Understanding the possible role of endocannabinoid system in obesity" [Prostaglandins Other Lipid Mediat. 152 (2021) 106520]	Tapan Behl, Swati Chadha, Monika Sachdeva, Aayush Sehgal, Arun Kumar, Dhruv, Thangavel Venkatachalam, Abdul Hafeez, Lotfi Aleya, Sandeep Arora, Gaber El-Saber Batiha, Priya Nijhawan, Simona Bungau	Prostaglandins and Other Lipid Mediators			Journal
Exploring the bioactive constituents from spices targeting N-methyl-d-aspartate receptors: An in silico and in vitro approach to identify druggable leads against neurological disability	Nemat Ali, Salim S Al Rejaie, M Arockia Babu, Prashant Nayak, Thakur Gurjeet Singh, Mohammad Suhail Akhter, Yogita Tyagi, Sarthak Puri	Bioorganic and Medicinal Chemistry	130		Journal
Mechanistic insights and nanomedicine innovations of oligomeric proanthocyanidin in precision oncology: Ablating self-renewal capacity of metastatic cancer stem cells via	Tushara Saha, Srijoni Banerjee, Kanu Priya, Shareen Singh, Debasmita Bhattacharya, Dibyajit Lahiri	Medical Oncology	42	11	Journal



multi-pathway modulation					
Hesperidin mitigates lead-induced neurotoxicity via TFEB-dependent restoration of mitochondrial function, oxidative balance, and neuroinflammation in rats	Pratham Gautam, Varinder Singh, Richa Shri, Tanveer Singh, Thakur Gurjeet Singh, Amarjot Kaur, Amit Kumar, Ravinder Singh, Sheikh F Ahmad, Haneen A Al Mazroua	NeuroToxicology	111		Journal
Employing a drug repurposing strategy to identify B-cell lymphoma-2 (BCL-2) inhibitors with anticancer potential: An in silico and in vitro based study	Ali M Alaseem, Glow Alasiri, M Arockia Babu, Thakur Gurjeet Singh, Prawez Alam, Mohammad Fareed, Mohammad Suhail Akhter, Nisha Bansal	Bioorganic and Medicinal Chemistry	130		Journal
Computation drug design for ACE inhibitor for high blood pressure management and assessment of pharmacokinetics and toxicity of promising compounds isolated from <i>Gymnema sylvestre</i>	Mamoudou Hamadou, Yves Oscar Nganso Ditchou, Peron Bosco Leutcha, Somdutt Mujwar, Martin Alain Mune Mune, Xavier Siwe Noundou	Bioorganic Chemistry	164		Journal
Quantum dots in neurotheranostics for the treatment of Alzheimer's disease	Tripti Sharma, Bushra Bashir, Prince Sharma, Nandani Andotra, Sachin Kumar Singh, Thakur Gurjeet Singh, Sukriti Vishwas	Ageing Research Reviews	112		Journal

Dual inhibition of AXL and MER kinase: scope for lung and breast cancer therapeutics	Balaji Dashrath Sathe, Pratibha Kumari, Madhav Shivaji Mane, Ramesh Mudududdla, Jonathan Baell, Roshan Kumar, Shareen Singh, Damodara N Kommi, Ganesh Bushi, Prateek Pathak, Ashish R Dwivedi	Bioorganic Chemistry	164		Journal
Design and synthesis of tetrazole tethered quinazoline derivatives via azide-isocyanide cross-coupling reaction: Exploring the utility as anticancer agents via the SRC kinase inhibition in breast cancer	Lang Zou, Umesh Prasad Yadav, Arockia Babu Marianesan, Roshan Kumar, Thakur Gurjeet Singh, Akash Verma, Mohammad Fareed, Elagandhula Sathish, Yaxun Huang	Bioorganic Chemistry	164		Journal
Bridging healthcare disparities with safe surgical access via telementoring and remote surgery solutions	Y P Ragini, Thanigaivel S, R Nanmaran, Hitesh Chopra, Talha Bin Emran	International Journal of Surgery Open			Journal
Modulation of nitric oxide signaling by flavonoids: implications for neurodegeneration	Veerta, Prateek Sharma, Thakur Gurjeet Singh	Molecular Biology Reports	52	1	Journal
Targeting inflammatory and insulin-regulatory proteins in type 2 diabetes mellitus: Insights from Argemone ochroleuca (sweet) via multi-omics and network pharmacology with experimental verification	Muhammed Amanat, Thakur Gurjeet Singh, Randhir Singh	International Journal of Biological Macromolecules			Journal

Piceatannol attenuates chronic unpredictable stress-induced neurobehavioral deficits in mice via SIRT1-mediated modulation of neuroinflammation, oxidative stress, and neurotransmitter imbalance	Parneet Kaur, Ojashvi Sharma, Amarjot Kaur Grewal, Sheikh F Ahmad, Sabry M Attia, Pragati Silakari, Thakur Gurjeet Singh, Sabry M Attia	Journal of Neuroimmunology	406		Journal
Pharmacological Profiling of Thiamet-G inhibitor in MPTP induced Parkinson's Disease: Evidence from Behavioral, Biochemical, and Histological Studies	Shiwali Sharma, Shareen Singh, Veerta, Sukriti Vishwas, Thakur Gurjeet Singh	Behavioural Brain Research			Journal
Advancing Alzheimer's Therapeutics via In Silico Strategies: Tideglusib based multi-target analogues	Samanta Gambhir, Manjinder Singh	Computational Biology and Chemistry			Journal
Potential role of nanostructured lipid carrier as cutting-edge approach for drug delivery of nonsteroidal anti-inflammatory drugs	Zahoor Ishrat, Singh Sukhbir, Sharma Neelam, Wani Shahid Nazir, Kishore Ladli	Scripta Medica	56	3	Journal
Overview of monkeypox virus	Kashish Wilson, Garima, Goyal Rajat, Chopra Hitesh, Chopra Shivani, Dhanawat Meenakshi	Scripta Medica	56	1	Journal
Unveiling the Anti-Cancer Potential of Melissa officinalis	Komal Thapa, Neha Kanojia, Heena Khan, Jatin Kumar	Pharmacological Research - Natural Products			Journal
Signalling pathways triggering therapeutic marine algae-derived natural polysaccharides for effective wound healing: A recent review	Suresh Babu Kondaveeti, Arpan Kumar Tripathi, Devesh Kumar, Akshay Kumar, Thakur Gurjeet Singh, Syed Mahmood, Kajal Ghosal, Ankit Awasthi, Mohit Kumar	Carbohydrate Polymers	369		Journal

CREB-dependent neurobehavioral alterations via TAAR1 receptor modulation in a chronic unpredictable stress model	Ojashvi Sharma, Amarjot Kaur, Amit Kumar, Varinder Singh, Thakur Gurjeet Singh, Tanveer Singh, Sheikh F Ahmad	Life Sciences	381		Journal
Mechanistic correlation of potassium channel sensing and nitric oxide activity in neuroinflammation	Ashi Mannan, Thakur Gurjeet Singh	Molecular Biology Reports	52	1	Journal
Chronotherapeutic Drug Delivery Systems: Innovations and Future Perspectives	Amit Kumar, Md Moidul Islam, Sushil Kumar Singh, Paul Rodriques, Jai Ohm Kumar, Himanshu Jain, Akash Deep Singh	Clinical Cancer Drugs	11		Journal
Next-Gen Nanomedicine for Breast Cancer: From Bench to Bedside and Beyond	Rahul Pal, Manju Koli , Binita Ghosh , Prottay Dutta	Next-Gen Nanomedicine for Breast Cancer: From Bench to Bedside and Beyond			Book Chapter
Implications for Public Health Strategies: Quantifying the Likelihood of COVID-19 Reinfection	Pooja Khurana, Shakuntla Singla, Komal, Nidhi Rani	Microbiological Journal	87	4	Journal
Unveiling the anticancer potential of medicinal plants: metabolomics and analytical tools in phytomedicine	Nisha Bansal, Ali M Alaseem, Arockia M Babu, Glow Alasiri, Thakur Gurjeet Singh, Yogita Tyagi, Geetika Sharma	Molecular Diversity			Journal
Diabetic cardiomyopathy: Mechanistic insights on molecular pathways and emerging therapeutic approaches	Rupinder Kaur, Shubhdeep Singh, Pragati Sood, Shareen Singh, Souvik Banerjee, Thakur Gurjeet Singh	Heart Failure Reviews			Journal

Hesperidin Attenuates Chronic Stress-Induced Depression via 5-HT <sub>2A</sub> -Linked Modulation of Neurochemical, Oxidative, and Inflammatory Pathways: Experimental and In Silico Evidence	Mimansa Kandhwal, Amarjot Kaur, Varinder Singh, Ojashvi Sharma, Heena Khan, Manjinder Singh, Amit Kumar, Thakur Gurjeet Singh, Tanveer Singh, Sheikh F Ahmad	Neurochemical Research	50	5	Journal
Phytoconstituents of Indian mustard honey impart antidepressant activity in reserpine-induced depressed condition through activation of TrkB/CREB/BDNF pathway in hippocampus	Saakshi Saini, Dr. Samrat Chauhan, Rajat Saini, Thakur Gurjeet Singh, Surendra Kumar Saini, Prabhat Kumar, Partha Roy	Nutritional Neuroscience			Journal
Retraction notice to “The endocannabinoid signaling pathway as an emerging target in pharmacotherapy, earmarking mitigation of destructive events in rheumatoid arthritis” [Life Sci. 257 (2020) 118109]	Ishnoor Kaur, Tapan Behl, Simona Bungau, Gokhan Zengin, Arun Kumar, Mohamed A El Esawi, Gaurav Khullar, Thangavel Venkatachalam, Sandeep Arora	Life Sciences			Journal
Neurodegeneration and aging: pathophysiology, diagnosis, and therapeutic targets	Abhay Thakur, Rahul Sharma, Rohit Sharma, Anjana Devi	Inflammopharmacology			Journal
Emerging Role of Dendrobium Orchid Plants in Diabetes: Phytochemistry Aspects, SAR, and Therapeutic Potential	Sanjeev Kumar Sahu, Paranjeet Kaur, Manish Vyas, Divya Chauhan	Mini-Reviews in Medicinal Chemistry	25		Journal
A Naphthol-Derived Organosilane: Its Potential as a Chemosensor for the Detection of Vanadium (III), DFT Insight, Molecular Docking, and MD Simulation Study	Gurjaspreet Singh, Mithun, Sushma, Jandeep Singh, Nancy George	Applied Organometallic Chemistry	39	11	Journal



PIEZO1: a mechanosensitive ion channel in the pathogenesis and pharmacotherapy of diabetic neuropathy	Tanya Gupta, Thakur Gurjeet Singh, Randhir Singh	Molecular Biology Reports	52	1	Journal
Nanomaterials for Drug Delivery	Rajkamal, Sunil Dutt, Rajesh Kumar, Ankit A wasthi	Progress in Drug Research			Book Chapter
Development of functionalized nano quantum Dots using banana Peel extract: evaluation on predominant cell lines	Dilpreet Singh, Balak Das Kurmi, Amrinder Singh	Nanotechnology for Environmental Engineering	10	4	Journal
Deciphering the anthelmintic mechanisms of Operculina turpethum through integrated computational and in vitro approaches	Neeraj Choudhary, Ashish Suttee, Paranjeet Kaur, Somdutt Mujwar, Manjinder Singh	In Silico Pharmacology	13	3	Journal
Therapeutic Targets and Treatment Improvement Through Key Oncogenic Pathways in Cancer	Adya Kinkar Panda, Reddy B, Amit Kumar, Kamineni Sairam, Sangeetha M	Salud, Ciencia y Tecnología	5		Journal
Nanomaterials for wound healing and scar reduction	Garima, Kashish Wilson, Sumeet Gupta, Meenakshi Dhanawat	Nanomedicine Advancements and Intersectional Perspectives for Women's Health			Book Chapter
Molecular connection of oxidative stress and metabolic syndrome: Therapeutic role of phytocomponents	Diksha Sharma, Dhananjay Kumar	Plant-Based Drug Discovery			Book Chapter
Nanotechnology in bioanalysis: Current trends and applications	Arshdeep Chopra, Yogindra Kumari, Samarth Kumar, Renuka Sharma, Rohit Bhatia	Journal of Chromatography Open	8		Journal
From root to remedy: Exploring the pharmacological and nanomedical potential of Raphanus sativus	Dinesh Kumar, Devesh Kumar, Vaibhav Kumar, Sushil Kumar, Vidhan Chand Bala, Thakur Gurjeet Singh, Mohit Kumar	Pharmacological Research - Natural Products	9		Journal

A comprehensive review of targeting sterol 14 $\alpha$ -demethylase and sterol C-24 methyl transferase, two pivotal proteins in Leishmania, as compelling therapeutic targets	Diksha Kumari, Somdutt Mujwar, Kuljit Singh	Bioorganic Chemistry	165		Journal
Neuroprotective potential of synephrine against aluminium chloride (AlCl <sub>3</sub> ) induced cognitive impairment & neuronal damage in rats	Mohit Agrawal, Manmohan Singhal, Khalid Bashir Mir, Thakur Gurjeet Singh, Devesh Kumar, Mohit Kumar	Pharmacological Research - Modern Chinese Medicine	16		Journal
Polysaccharide-based microneedles for advanced wound healing: recent advances and future challenges	Akshay Kumar, Devesh Kumar, Suresh Babu Kondaveeti, Jailani Shiekmydeen, Ankit Awasthi, Thakur Gurjeet Singh, Mohit Kumar	International Journal of Pharmaceutics	685		Journal
Therapeutic applications and strategies of neurobiomarkers in neurological disorders: A narrative review	Parveen Kumar, Benu Chaudhary, Sushma Devi, Gourav Dubey, Arindam Chatterjee, Deepak Sharma, Madan Mohan Gupta	NeuroMarkers	2	4	Journal
Role of Traditional Chinese Medicine in Combating Metabolic Disorders: A Systematic Review	Arpan Pathak, Mohit Agrawal, Pranshu Sethi, Kantrol Kumar Sahu, Monika Sharma, Hema Chaudhary, Devesh Kumar, Thakur Gurjeet Singh, Mohit Kumar	Pharmacological Research - Modern Chinese Medicine			Journal
Heavy metals and Alzheimer's disease: a review	Bushra Bashir, Sapna Jarial, Shivalika Sood, Sukriti Vishwas	Heavy Metal Toxicity and Neurodegeneration			Book Chapter

Aging and Neurodegeneration	Gaurav, Thakur Gurjeet Singh, Saurabh Gupta, Pran Kishore Deb, Moayad Al Shahwan	Cellular Senescence and Brain Aging			Book Chapter
Cellular Senescence in Multiple Sclerosis (MS)	Rajiv Dahiya, Thakur Gurjeet Singh, Saurabh Gupta, Pran Kishore Deb, Moayad Al Shahwan	Cellular Senescence and Brain Aging			Book Chapter
Prevalence and predictors of potentially inappropriate medication in older adults hospitalized with cardiovascular disease	Rishabh Sharma, Parveen Bansal, Pranav Rathore, Nahush Bansal, Aditi Rathore, Malika Arora	JOURNAL OF FAMILY MEDICINE AND PRIMARY CARE	14	9	Journal
Cardiotoxicity Induced by Targeted Cancer Therapies: Understanding the Risks and Developing Solutions	Anchal Chhabra, Veerta, Thakur Gurjeet Singh	Cardiovascular Drugs and Therapy			Journal
ZnO nanoparticle-based DSSCs via interfacial engineering using carboxymethyl-functionalized ionic liquid and thermal annealing	Diksha Saini, Satbir Singh, Gagandeep Singh, Gurpreet Singh, Shashi Bhushan Rana	Journal of Materials Science: Materials in Electronics	36	29	Journal
Antidiabetic potential of Sapindus trifoliatus fruit ethanolic extract: Gas chromatography–mass spectrometry profiling, molecular docking, and in vitro/in vivo evaluation	Sarita Rawat, Prashant Kumar Dhakad, Ritu Gilhotra, Kavita Goyal, Lakshmi Thangavelu, Gaurav Gupta	JOURNAL OF ADVANCED PHARMACEUTICAL TECHNOLOGY and RESEARCH	16	4	Journal
Nanosponge as a Dynamic Approach for Targeted Drug Delivery	Namrata Mishra, M Alagusundaram, Vijeta Bhattacharya, Nem Kumar Jain, Rajwinder Kaur	Polymers in Functional Foods and Drugs			Book Chapter

Multiple Natural Polymers in the Delivery of Biological Products	Rajwinder Kaur, Varinder Singh, Md Altamash Ahmad, Diksha Choudhary, Arvind Kumar, Sandeep Kumar	Polymers in Functional Foods and Drugs			Book Chapter
Targeting neurochemical and immune dysregulation in schizophrenia: From molecular mechanisms to emerging therapeutic strategies	Aastha Datta, Himani Rana, Shareen Singh, Thakur Gurjeet Singh	Progress in Neuro-Psychopharmacology and Biological Psychiatry			Journal
Exploring the role of EZH2 in neuroinflammation: implications for innovative therapeutic strategies	Harish Chandramoorthy C, Ahmed Hussein Zwamel, Abdulsalam Najm Mohammed, Lalji Baldaniya, Yasser Fakri Mustafa, Jaafaru Sani Mohammed, Ravindra Pal Singh, Rishiv Kalia, Hatif Abdulrazaq Yasin	Naunyn-Schmiedeberg's Archives of Pharmacology			Journal
Unlocking Healing Codes: Nanocarriers and Signalling Pathways Modulation for Wound Repair	Akshay Kumar, Devesh Kumar, Suresh Babu Kondaveeti, Kumaraswamy Dabburu, Ankit Awasthi, Thakur Gurjeet Singh, Sabu Thomas, Mohit Kumar	Materials Today Communications			Journal
Solid lipid nanoparticle-loaded oral dispersible films of eletriptan hydrobromide for enhanced bioavailability and sustained migraine relief	Anju Bala, Chander Parkash, Inderjeet Verma	Journal of Applied Pharmaceutical Science			Journal
Design, Synthesis, and Biological Evaluation of Novel Pyrazine Substituted Benzamides as Allosteric Activators of Human Glucokinase	Prateek Sharma, Anju Goyal, Ajmer Singh Grewal	Letters in Applied NanoBioScience	14	3	Journal

Exploration of the Potentials of Silymarin in Atopic Dermatitis with In Silico Evidence: An Overview	Archana Kaushik, Ujjwal Kaushik, Showkat Rasool Mir, Somdutt Mujwar, Neeraj Chaudhary, Dinesh Kumar Chellappan	Letters in Applied NanoBioScience	14	3	Journal
Development of a Multifunctional Hydrogel Coloaded with Chitosan-Curcumin and Silver Nanoparticles: Fabrication, Characterization, and Antibacterial Activity	Rabiatul Nabilah, Ng Mee Sin, Nurul Izzah Rosli, Mohit Kumar, Ayah R Hilles, Nyamathulla Shaik, Pornanong Aramwit, Syed Mahmood	ACS Omega	10	42	Journal
Natural Bioactive Compounds in Cardiovascular Protection: Flavonoids, Alkaloids, and Carotenoids in Focus	Ritchu Babbar, Ashima Dhiman, Kaushal Sethi	ChemistrySelect	10	41	Journal
Nanocarrier-Based Therapies: A Breakthrough in Parkinson's Disease Management	Abhishek Chauhan, Thakur Gurjeet Singh, Rohit Bhatia, Ankit Awasthi	Current Pharmaceutical Design	32		Journal
Unlocking the molecular pathway of atopic dermatitis: journey so far and roads ahead	Sourabh Kumar, Kumari Komal, Rashmi Ghosh, Dinesh Kumar, Manish Kumar, Rohit Sharma	Inflammopharmacology	33	9	Journal
Aurintricarboxylic Acid Attenuates Tramadol Withdrawal Syndrome Via TWEAK/FN14 Inhibition and CREB Modulation in Mice Model	Rajalaxmi, Shahid Nazir Wani, Amarjot Kaur, Varinder Singh, Amit Kumar, Heena, Thakur Gurjeet Singh	NeuroMolecular Medicine	27	1	Journal
Pharmacophore-based high-throughput virtual screening (HTVS) to identify new c-Src kinase inhibitors with anticancer potential	Ali M Alaseem, Summya Rashid, J Puneetha, M Arockia Babu, Glow Alasiri, Thakur Gurjeet Singh, Yogita Tyagi, Mohammad Suhail Akhter, Anand Mohan Singh, Nisha Bansal	Bioorganic and Medicinal Chemistry	132		Journal



Bridging the gap in the management of Alzheimer's disease using fecal microbiota transplantation	Bushra Bashir, Sukriti Vishwas, Poonam Negi, Neeraj Mittal, Sachin Kumar Singh	Molecular and Cellular Neurosciences			Journal
Expanding the Arsenal of Nanocarriers Against Parkinson Disease: Success so Far Roads Ahead	Naina Devi, Sonia Dhiman, Chander Parkash, Thakur Gurjeet Singh, Ankit A wasthi	AAPS PharmSciTech	27	1	Journal
Involvement of cellular and enzymatic aspects in the complexity of diabetic neuropathy	Anjali Gupta, Tanya Gupta, Randhir Singh, Thakur Gurjeet Singh	Tissue Barriers			Journal
Theranostics in nuclear medicine: the era of precision oncology	Noopur Gandhi, Ali M. Alaseem, Omar Awad Alsaidan, Glow Alasiri, Suhaskumar Patel, Bhupendra Prajapati	Medical Oncology	42	11	Journal
Natural Product-based Therapies for Inflammatory Bowel Disease: Targeting Key Signaling Pathways	Sheifali Gupta, Sunny Kumar , Diksha Sharma	Mini-Reviews in Medicinal Chemistry	25		Journal
Potential and Efficacy of Bioactive Phyto-components from Herbs in the Treatment of Fungal Infections	Madhukar Garg, Athrv Arora, Sapna Kumari, Parul Sood, Gagandeep Kaur, Geeta Deswal, Ajmer Singh Grewal	Infectious Disorders - Drug Targets	25		Journal
Metabolic syndrome: risk factors and molecular drug targets	Rishabh Chalotra, Aniket Gupta, Randhir Singh, Thakur Gurjeet Singh	EXCLI Journal	24		Journal

The Impact of Lipid Apheresis on Changes of Plasma Ions: A Systematic Review and Meta-Analysis	Bahman Razi, Masoud Eslami, Alireza Hatami, Saeed Aslani, Amirhossein Sahebkar	Therapeutic Apheresis and Dialysis			Journal
Angiopoietins: A potential therapeutic target in the treatment of diabetic nephropathy	Komal Thapa, Neha Kanojia, Heena, Amarjot Kaur, Thakur Gurjeet Singh	Obesity Medicine	58		Journal
Potential biomarkers in early detection of gastric cancer	Supreet Kaur, Ankush Kumar, Rohit Bhatia, Diksha Choudhary, Rajwinder Kaur, Balakumar Chandrasekaran, Wael Abu Dayyih, Majd Nawras Maaita, Wafa Hourani	Frontiers in Pharmacology	16		Journal
Mechanistic pathways of estrogen mitigating postmenopausal gut dysbiosis	Rishabh Chaudhary, Sheenam Sharma, Sumeet Gupta, Manni Rohilla, Dr. Samrat Chauhan, Seema Bansal, Nitin Bansal	Molecular Biology Reports	53	1	Journal
Nanomedicine-enabled neuroprotection: therapeutic role of berberine in neurodegenerative diseases	Biswajit Pal, Sambita Panda, Bushra Bashir, Sukriti Vishwas, Mvnl Chaitanya, Md Sadique Hussain, Gaurav Gupta, Popat Kumbhar, Saurabh Gupta, Sachin Kumar Singh	Molecular Biology Reports	53	1	Journal
Aloe-emodin-Loaded Microemulsion Based Herbal Gel: Design, Optimization, and Therapeutic Evaluation for Diabetic Wound Healing	Pankaj Popli, Rajan	1st International Electronic Conference on Medicinal Chemistry and Pharmaceutics session Formulation, Drug Delivery and Controlled Release			Conference

The Therapeutic and Nutritive Potential of the Edible Fixed Oils	Jasleen Kaur, Loveleen Kaur, Madhukar Garg, Athrv Arora, Lavish Vaid, Shahana Salam, Hitesh Chopra, Kamal Yoonus Thajudeen	Scripta Medica	56	5	Journal
Case Studies and Success Stories of Companies Leveraging 3D Printing Technology	Debarshi Kar Mahapatra, Kuldeep Vinchurkar, Dinesh Kumar Mishra	Precision 3D Printing in Pharmaceutical Sciences			Book Chapter
The promise of stem cell therapies for cellular recovery after stroke	Heena, Kavya Singh, Nirbhay Kumar Prabhakar, Amarjot Kaur, Thakur Gurjeet Singh	Inflammopharmacology			Journal
Novel Squalene Based Nanostructured Lipid Carriers of Ketoconazole for Enhanced Skin Penetration and Better Anti-Fungal Control: An In-Vitro, Ex-Vivo and In-Vivo Evaluation	Ravi Pratap Singh, Raj Kumar Narang, Nitin Sharma, Maitrayee Ghosh, Amisha, Subheet Kumar Jain, Amrinder Singh	BioNanoScience	15	3	Journal
Eosinophilic granulomatosis with polyangiitis: overcoming diagnostic obstacles and exploring pharmacotherapeutic approaches	Priya Komre, Akash Gupta, Sanjay Kumar Gupta, Tomy Muringayil Joseph, Debarshi Kar Mahapatra	Exploration of Immunology	5		Journal
A Narrative Overview of Vitamin C: Roles in Well-being and Disease	Aftab Alam, Surya Nath Pandey, Neelam Dhankhar, Sushma Devi	Current Functional Foods	4		Journal
Gene Therapy: Revolutionizing the Beauty Industry with Cosmetics	Ganesh Sonawane, Kajal Pansare, Arshi Khanam, Ritu M Gilhotra, Prashant Kumar Dhakad, Shweta Sharma	The Impact of Pharma Technology on Cosmetics: Advancements and Innovations			Book Chapter
Bioelectronic medicine: a new frontier for autonomic nervous system disorders	M Dhall, R Tushir, P Sharma, Nidhi Rani, Thakur Gurjeet Singh	Epilepsy and Paroxysmal Conditions	17	3	Journal

Five-Membered Heterocyclic Hybrids as Promising Anticancer Agents: SAR and Biological Activities (2020–2025)	Pallvi Kumari, Anshu Kumari, Ankush Kumar, Rohit Bhatia	Synlett			Journal
Precision Medicine in Neurodegenerative Diseases: Genomic Approaches to Target Amyloid- $\beta$ , Tau, and Alpha-Synuclein Pathways	Zaid Waqar, Pranshul Sethi, Divya Jain, Kuldeep Singh, Omar Awad Alsaidan, Sami I Alzarea, Jeetendra Kumar Gupta, Swati Saxena, Mukesh Chandra Sharma	Current Genomics	26		Journal
Phytoconstituents and Therapeutic Mechanisms of Herbs and Spices: Exploring Their Potential as Natural Antimicrobial Agents	Madhukar Garg, Shifali Gupta, Athrv Arora, Krishna, Parul Sood, Sapna Kumari, Sultan Zahiruddin, Geeta Deswal, Ajmer Singh Grewal	Current Traditional Medicine	12		Journal
Chimeric antigen receptor T-cell therapy for solid tumors: A review of the intricate mechanisms and potential strategies	Swati Arora, Pranshul Sethi, Adrita Banerjee, Khokon Miah Akanda, Mohamed S Abd El Hafeez, Sanzia Mehjabin, Keshav S Moharir, Swati Mohanty, Sumit Sheoran	International Immunopharmacology			Journal
Next-generation neurotherapeutics: mechanistic insights on monoclonal antibodies in Alzheimer's disease	Akhil Sharma, Thakur Gurjeet Singh	Brain Research			Journal
Artemisinin attenuates quinolinic acid-induced neurotoxicity by suppressing neuroinflammatory and apoptotic gene expression in rats	Richmond Arthur, Uma Shanker, Manjinder Singh, Thakur Gurjeet Singh, Puneet Kumar	Neuroscience Letters			Journal

Five-Membered Heterocyclic Hybrids as Promising Anticancer Agents: SAR and Biological Activities (2020–2025)	Pallvi Kumari, Anshu Kumari, Ankush Kumar, Rohit Bhatia	Synlett			Journal
Precision Medicine in Neurodegenerative Diseases: Genomic Approaches to Target Amyloid- $\beta$ , Tau, and Alpha-Synuclein Pathways	Zaid Waqar, Pranshul Sethi, Divya Jain, Kuldeep Singh, Omar A wad Alsaidan, Sami I Alzarea, Jeetendra Kumar Gupta, Swati Saxena, Mukesh Chandra Sharma	Current Genomics	26		Journal
Phytoconstituents and Therapeutic Mechanisms of Herbs and Spices: Exploring Their Potential as Natural Antimicrobial Agents	Madhukar Garg, Shifali Gupta, Athrv Arora, Krishna, Parul Sood, Sapna Kumari, Sultan Zahiruddin, Geeta Deswal, Ajmer Singh Grewal	Current Traditional Medicine	12		Journal
Chimeric antigen receptor T-cell therapy for solid tumors: A review of the intricate mechanisms and potential strategies	Swati Arora, Pranshul Sethi, Adrita Banerjee, Khokon Miah Akanda, Mohamed S Abd El Hafeez, Sanzia Mehjabin, Keshav S Moharir, Swati Mohanty, Sumit Sheoran	International Immunopharmacology			Journal
Next-generation neurotherapeutics: mechanistic insights on monoclonal antibodies in Alzheimer's disease	Akhil Sharma, Thakur Gurjeet Singh	Brain Research			Journal
Artemisinin attenuates quinolinic acid-induced neurotoxicity by suppressing neuroinflammatory and apoptotic gene expression in rats	Richmond Arthur, Uma Shanker, Manjinder Singh, Thakur Gurjeet Singh, Puneet Kumar	Neuroscience Letters			Journal



Effects of Ashwagandha on Reproductive Health: A Systematic Review of Sex-Specific Hormonal and Fertility Outcomes	Debajyoti Roy, Maitrayee Ghosh, Nitin Sharma, Dipan Roy, Rohit Bhatia, Naresh Kumar Rangra	Phytotherapy Research			Journal
Role of Vitamin D Supplementation for Breastfed Infants	Sneha Garg, Rupinder Kaur, Sanjana, Ravinder Singh, Sarita Jangra, Suman Baishnab, Pratima Kumari, Amit Sharma, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Global Insights into HMPV Infections: Clinical Patterns, Genetic Subtypes, and Public Health Implications	Arun Thakur, Sanchit Dhankhar, Vikas Jhawar, Pankaj Popli, Thakur Gurjeet Singh, Monika Saini, Dr. Samrat Chauhan, Shushma Devi	Journal of Communicable Diseases	57	3	Journal
Role of Free Radicals in Pathology	Sushma Devi, Randhir Singh, Neeraj Mittal, Thakur Gurjeet Singh	Role of Free Radicals in Pathology			Book
Approaches Towards Management of Obesity and Malnutrition in Pregnancy	Bhavesh Dharmani, Sarita Jangra, Bisman Kaur, Amit Sharma, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Nutrition: A Cornerstone for Child Growth and Development in Addressing the Triple Burden of Malnutrition	Rajwinder Kaur, Vaishnavi Goel, Muskan Kanotra, Diksha Choudhary, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Free Radicals and Kidney Disorders	Prabhat Kumar Behera, Pallavi Bassi, Sushma Devi, Thakur Gurjeet Singh, Randhir Singh, Neeraj Mittal	Role of Free Radicals in Pathology			Book Chapter

The Prospective Approaches of Nutritional Therapy in Pregnancy, Lactation, and Childhood with Its Long-Term Effects	Cheppalli Vani, Sarita Jangra, Amit Sharma, Thakur Gurjeet Singh, K A Shaima, Bhupinder Bhyan	Maternal and Child Health, and Nutrition			Book Chapter
Childhood Obesity: Impacts on Psychosocial Well-Being and Health Outcomes	Salome Satya Vani Punuri, Sarita Jangra, Thakur Gurjeet Singh, Amit Sharma, Sirasani Tapaswi, Bhupinder Bhyan	Maternal and Child Health, and Nutrition			Book Chapter
Promoting Healthy Weight in Childhood: Foundations for Lifelong Well-Being and Development	Iresha Malhotra, Yash, Shrey Pratap Singh, Amit Sharma, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Obesity During Childhood Related to Numerous Psychosocial and Health Conditions	P Salome Satya Vani, Sarita Jangra, Amit Sharma, Sirasani Tapaswi, Bhupinder Bhyan	Maternal and Child Health, and Nutrition			Book Chapter
Nutrition Before Pregnancy, During Pregnancy, and While Breastfeeding	Rajwinder Kaur, Muskan Kanotra, Vaissnavi Goel, Diksha Choudhary, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Emphasizing the Potential for Obesity-Related Pregnancy Care Problems: Bringing Attention to the Risk of Obesity-Related Pregnancy Problems	Shrey Pratap Singh, Iresha Malhotra, Yash, Amit Sharma, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Guidelines for Healthy Weight Management in Expecting Mothers	Sarita Jangra, Cheppalli Vani, Amit Sharma, Thakur Gurjeet Singh, Bhavesh Dharmani, K A Shaima, Bhupinder Bhyan	Maternal and Child Health, and Nutrition			Book Chapter
Vitamin D Supplementation in Breastfeeding Infants	Chavneet Kaur, Amit Sharma, Sarita Jangra, Rohit Bhatia	Maternal and Child Health, and Nutrition			Book Chapter
Prenatal Determinants of Obesity: Maternal Influences and Long-	Veerta, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter

Term Health Implication					
Important Vitamins and Minerals for Infants, Toddlers, and Children	Varinder Singh, Rupinder Kaur, Ravinder Singh, Sarita Jangra, Amit Sharma, Sanjana Mehta, Suman Baishnab, Pratima Kumari	Maternal and Child Health, and Nutrition			Book Chapter
Epidemiology and Pathophysiology of Malnutrition and Obesity	Ashi Mannan, Akhil Sharma, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Impacts of Nutritional Supplementation During Pregnancy	Chavneet Kaur, Amit Sharma, Sarita Jangra, Rohit Bhatia	Maternal and Child Health, and Nutrition			Book Chapter
The Impact of Maternal Diet During Pregnancy on Childhood Obesity Risk	Anandita Gulati, Rajwinder Kaur, Diksha Choudhary, Balraj Saini, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Pediatric Iron Deficiency: Unveiling the Hidden Battle for Healthy Development	Rohit Tayal, Heena Khan, Harshita, Amarjot Kaur Grewal, Thakur Gurjeet Singh	Maternal and Child Health, and Nutrition			Book Chapter
Strategies for Reducing Obesity-Related Complications During Pregnancy	Sanjana Mehta, Md Altamash Ahmad, Rupinder Kaur, Ravinder Singh, Sarita Jangra, Pratima Kumari	Maternal and Child Health, and Nutrition			Book Chapter
Benzimidazole, benzothiazole, and benzoxazole derivatives as potential anticancer agents	Sanjeev Kumar Sahu, Manya Khurana, Paranjeet Kaur	Nitrogen Heterocycles in Cancer Therapy			Book Chapter
Impact of Packet Size Variations on Performance of Wireless Body Area Networks	Swati Goel, Kalpna Guleria, Surya Narayan Panda	2025 3rd World Conference on Communication & Computing (WCONF)			Conference
Green and sustainable approaches to Quinazoline-based anticancer agents: Synthesis and structure	Pallvi Kumari, Ankush Kumar, Rohit Bhatia	Bioorganic Chemistry			Journal

activity relationship (SAR)					
Design and Evaluation of Potential Anti-Liver Cancer Agents: QSAR, DFT, Docking, Molecular Dynamics and Pharmacokinetic Profiling	Sagir Yusuf Ismail, Bishir Usman, Somdutt Mujwar, Aliyu Sani Ado, Yasir Hamza Bichi	In Silico Research in Biomedicine			Journal
Exploring the Immunomodulatory Role of Forkhead Box Protein 3 (FOXP3) in the Pathophysiology of Neuropsychiatric Disorders	Maneesh Mohan, Ayush Dahiya, Ashi Mannan, Thakur Gurjeet Singh	Molecular Neurobiology	63	1	Journal
Advancements in Biomedical Imaging Using Fluorescence and Bioluminescence	Ashish Kashyap, Manju Jakhar, Nidhi Rani, Thakur Gurjeet Singh, Manju Jakhar	Biomedical Imaging Technology			Book Chapter
Chitosan-based delivery systems for ocular therapeutics: Advances, challenges, and future perspectives	Ritamay Sau, Garima, Ankur, Meenakshi Dhanawat, Neeraj Mittal	Reactive and Functional Polymers			Journal
DRAMATIC ENVIRONMENTAL SHIFTS IN 2025: A MULTI-HAZARD EARTH ANALYSIS	Rajesh Prasad Jayaswal, D Jayarajan, Rosy, Asmat Azmi, Inkashaf Alam, M Vijaya Simha, Kanchan Kholiya, Maajid Mohi Ud Din Malik	Lex localis - Journal of Local Self-Government	23		Journal
Evolution of Protocol Architectures in Multi-Domain Cloud Environments	Anusha Sreeram, Gagandeep Arora, V Pushparajesh, Sachin Sharma, Pratibha Sharma, Ashwika Rathore, Pk Sreelatha	Journal of Internet Services and Information Security	15	3	Journal
AI-Enabled Cloud Security: Malicious Mining Code Recognition for Financial Sectors	Harshit Raichura, Sneha Kashyap, Divya Pant, Deepak Minhas, Solomon Jebaraj, Pratibha Sharma	Journal of Internet Services and Information Security	15	3	Journal

A comprehensive review on chemosensor design: Strategies, sensing mechanisms, and functional applications	Chahat Khanna, Pragati Silakari	Phosphorus, Sulfur, and Silicon and the Related Elements			Journal
Extracellular vesicles in cancer: biogenesis, oncogenic mechanisms, biomarker potential, and therapeutic applications	Aditi, Aarush Khajuria, Garima, Neeraj Mittal	Medical Oncology	43	1	Journal
Emerging Global Technologies in Veterinary Sciences	Benedict Terkula Iber, Pranshul Sethi, Ramandeep Saini, Nainci Dhiman, Ayush Madan	One Health Integration			Book Chapter
Unleashing the Potential of Cubosomes to Overcome Ocular Barriers in Precision Drug Delivery	Hiti Narula, Naina Devi, Thakur Gurjeet Singh, Pradeep Kumar, Sonia Dhiman, Chander Parkash	Advanced Therapeutics			Journal
Acid Vapor Responsive Coumarin Coupled Imidazole as Colorimetric and Fluorometric Co <sup>2+</sup> Sensor, DFT, and Zebrafish Bioimaging Studies	Aravind R Nesaragi, Jyoti Nagalik, Sharanappa Chapi, Nisha Bansal, Thakur Gurjeet Singh, Venuprasad K D, Naveen Kumar Kalagatur, Sanjeev R Inamdar, Shivarudrappa H P, Nabil Al-Zaqri	Luminescence	40	12	Journal
Hyaluronate-coated TPGS-g-chitosan nanoparticles for rheumatoid arthritis therapy: Pharmaceutical development, anti-inflammatory activities, and bone regeneration studies	Monika, Vikas Jhawar, Rubina Bhutani, Rahul Pratap Singh, Dr. Samrat Chauhan, Garima Kapoor, Shreekant Bharti, Sonali	International Journal of Biological Macromolecules			Journal



The Role of Plant-Derived Compounds in Anti-Obesity Drug Discovery: A Molecular Perspective	Vetriselvan Subramaniyan, Ram Narayanan Ravi, Sammra Maqsood, Sachin Kumar Singh, Vellapandian Chitra, Kamal Dua, Brian G Oliver, Sivaraman Dhanasekaran, Gaurav Gupta, Thakur Gurjeet Singh	Current Opinion in Pharmacology			Journal
Utility of triglyceride-glucose index for hepatic steatosis and fibrosis in severe obesity	Sepideh Salehabadi , Luis E Simental-Mendía, Wael Almahmeed, Thozhukat Sathyapalan, Amirhossein Sahebkar	Journal of Diabetes and Metabolic Disorders	24	2	Journal
Suramin protects against chronic stress-induced neurobehavioral deficits via cGAS–STING/NF-κB suppression	Ojashvi Sharma, Amarjot Kaur, Amit Kumar, Heena Khan, Thakur Gurjeet Singh, Haneen A Al-Mazroua	Scientific Reports	15	1	Journal
Scalable Diabetes Mellitus Diagnosis System Using MapReduce and Optimal Gradient Boosted Tree Algorithm	Pratibha Sharma, Ranjusha J P, Bhavuk Samrat, Mamatha G N, M S Gowtham	2025 IEEE Madhya Pradesh Section Conference (MPCON)			Conference
Early onset of tobacco use behaviour and maintenance of tobacco abstinence: The impact of tobacco user in family	Laxmi Kumari, Meenakshi Sood	JOURNAL OF FAMILY MEDICINE AND PRIMARY CARE	14	11	Journal
Hydrogels in Chronic Wound Care: A Multifaceted Approach to Healing and Regeneration	Himanshu Sharma, Sanchit Dhankhar, Balraj Saini, Akashdeep Singh, Vishnu Mittal, Pooja Mittal	Journal of pharmaceutical technology research and management	13	1	Journal

Unveiling the mechanistic aspect of biogenic copper oxide nanoparticles harnessing citrus pseudolimon for eradicating multi-drug-resistant gram-negative bacilli	Shahbaz Aman, Divya Mittal, Narinder Kaur, Shafiu Haque, Iram Qureshi, Reena V Saini, Samrat Chauhan, Adesh K Saini	Drug Development and Industrial Pharmacy			Journal
Targeting Diabetic Wounds with Nanostructured Lipid Carriers: A Pathogenesis-Guided, Drug-Repurposing Approach	Abhishek Chauhan, Vaishali Thakur, Sonia Dhiman, Thakur Gurjeet Singh, Mohit Kumar Goel, Sanapalli Bharat Kumar Reddy, Ankit A wasthi	Journal of Drug Delivery Science and Technology			Journal
Sustainable remediation strategies for emerging PFAS contaminants in water	Lata Rani, Arun Lal Srivastav, Jyotsna Kaushal, Nitin Jangra, Shama E Haque	RSC Advances	15	59	Journal
Amalgamation of postbiotic, polysaccharide and plant flavonoid in nanostructured lipid carrier for treatment of rotenone-induced Parkinson's disease	Bushra Bashir, Sukriti Vishwas, Kaustubh Ajit Kolekar, Kamal Dua, Sachin Kumar Singh	Journal of Drug Delivery Science and Technology	116		Journal
Protein and peptide based nanotherapeutics for the management of Alzheimer's disease: Current insights and future directions	Sandeep Kumar Das, Kaustubh Ajit Kolekar, Sukriti Vishwas, Neeraj Mittal, Gowthamarajan Kuppusamy, Sachin Kumar Singh	Ageing Research Reviews	114		Journal
Tailoring Nanoparticle Surfaces Empowered by Multivariate Techniques for Detection of Multiple Antibiotic Fingerprints in Real Samples Using Hand-Held Colorimetric Signal Readout	Narinder Singh, Navneet Kaur, Gagandeep Singh, Ranbir	ACS Applied Materials and Interfaces			Journal

A comprehensive compendium of berberine: sources, chemistry, and pharmacological activities	Nibedita Mohapatra, Thakur Gurjeet Singh, Mohit Kumar, Ankit Awasthi	Journal of the Science of Food and Agriculture			Journal
Signaling complexity in diabetic neuropathy: a multitargeted perspective on pathogenesis and therapy	Tanya Gupta, Thakur Gurjeet Singh, Randhir Singh	Journal of Receptors and Signal Transduction			Journal
Insights into Metabolism	Sunil Dutt, Ankit Awasthi, Rajesh Kumar, Ashutosh Kumar	Impact of Incomplete Metabolism on Health			Book Chapter
Formulation and Characterization of Lycopene-Loaded Microemulsion-based Gel for the Management of Chronic Wound Healing	Pankaj Popli, Inderjeet Singh, Srikanth Basety, Rupali Chauhan, Sushma Devi, Shashi Kant, Rajan Swami	Advanced Therapeutics			Journal
Molecular Interactions Between Gut Microbiota and Insulin Signalling Pathways in Diabetes Mellitus	Soumarshi Das, Soumyadip Khanra, Tanirika Tyagi, Mansi Kapoor, Sanjana, Dr. Samrat Chauhan, Shushank Kumar Mahajan, Sanchit Dhankhar, Thakur Gurjeet Singh	Journal of Bio-X Research			Journal
Optimization and Characterization of Sodium Alginate–Chitosan Based Floating Microspheres of Ofloxacin: In Vitro Evaluation and Antibacterial Efficacy	Deepshi Arora, Yugam Taneja, Ashwani Dhingra, Prerna Sharma, Nidhi Rani, Thakur Gurjeet Singh	Journal of Pharmaceutical Innovation	21	1	Journal
Novel 3D-Printed Medicated Straw Platform with an Optimized Lyophilized Drug Cake for Dysphagic Patients	Tanikan Sangnim, Kittipat Suwanpitak, Pornsak Sriamornsak, Inderbir Singh, Pattiya Prapakun, Laksana Jamnongsut, Krittiyaporn Lekprasert,	Journal of Drug Delivery Science and Technology			Journal

	Kampanart Huanbutta				
Unveiling the therapeutic promise of <i>Rosa canina</i> L.: A phytochemical and ethnopharmacological approach	Apporva Chawla, Amit Kumar, Ankur Kumar Tanwar, Jasreen Uppal, Suresh Kumar Gupta, Vikash Prashar, Prince Ahad Mir, Nishant Kumar	Phytomedicine Plus			Journal
Synthesis and photophysical evaluation of 2-((Triphenyl- $\lambda$ 5-phosphanylidene)amino)-2H-benzo[f]isoindole-4,9-dione as a fluorophore for the detection of cancer cell mitochondria	Nemat Ali, Thakur Gurjeet Singh, Nisha Bansal, Abdullah F Alasmari, Yaxun Huang, Mohammad Rashid Khan, M Arockia Babu, Yogita Tyagi	Journal of Molecular Structure			Journal
Fluorescent 'Turn-On' 1,2,3-Triazole Probe for Selective and Precise Pb <sup>2+</sup> and Cu <sup>2+</sup> Ions Detection in Tap Water: Mimicking INHIBIT Logic Gate, DFT Insights	Nancy George, Parveen Saini, Gurjaspreet Singh, Harshbir Kaur, Gurpreet Kaur, Jandeep Singh, Monika Sindhu, Sushma, Pallavi Singh	Journal of Fluorescence			Journal
Microbial PHB/PCL Nanofibrous Scaffolds for Controlled Drug Delivery and Enhanced Wound Healing: Comprehensive In Vitro and In Vivo Evaluation	Komal Singh, Gireesh Kumar Shrotri, Siddhartha D Pramanik, Alaa Eddin Alhmeidi Alkhatib, Dr. Samrat Chauhan, Partha Roy, Debarati Chattopadhyay, Narayan Chandra Mishra, Saugata Hazra	ACS Applied Bio Materials			Journal

Exploring the Relationship between Olive Cake Meal, <i>Bacillus licheniformis</i> , and Broiler Chicken Growth, Muscle Fatty Acid Composition, and Health Parameters	Ayaan Faiz, Harish Kumar, Pratibha Sharma, Vundela Swathi, Komal Patel	Salud, Ciencia y Tecnología	5		Journal
Discovery of bioactive inhibitors targeting onion yellow dwarf virus coat protein based on molecular docking and simulation	Amina Irfan, Qudsia Naz, Somdutt Mujwar, Iqra Mubeen, Safia Obaidur Rab	BMC Plant Biology	25	1	Journal
Demethyleneberberine attenuates combined cognitive and metabolic dysfunctions in an insulin-resistance-induced Alzheimer's disease rat model: Synthesis, in-silico and in-vivo insights	Amritpal Kaur, Shareen Singh, Manjinder Singh, Pragati Silakari, Ashi Mannan, Sukriti Vishwas, Thakur Gurjeet Singh	Experimental Neurology			Journal
Chrysin-Loaded SEDDs in Gel Matrix for Effective Wound Healing: Optimization, In Vitro Characterization and In Vivo Evaluation	Vishal Kumar Parida, Mansi Dogra, Teenu Sharma, Rajan, Bhupinder Singh	BioNanoScience	16	1	Journal
Current therapeutic strategies in the management of diabetic foot ulcers	Aniket Gupta, Rishabh Chalotra, Thakur Gurjeet Singh, Randhir Singh	Tissue Barriers			Journal
Advances in Immunoassays for detection of pancreatitis biomarkers	Suresh Kumar Srinivasamurthy, Piyush Mittal, Shakir Saleem, K Benod Kumar, Kavita Goyal, Mohit Rana, Haider Ali, Sachin Kumar Singh, Poonam Negi, Parteek Prasher, Mohamed Jaber, Gaurav Gupta	Clinica Chimica Acta			Journal



A review of advancements in the management and treatment of Psoriasis	Kashish Wilson, Chander Parkash, Hitesh Chopra, Sumeet Gupta	Biomedical engineering communications	5	2	Journal
CRISPR/Cas9-integrated nanocarriers for cancer gene therapy: Mechanistic insights, challenges, and clinical translation	Abhay Thakur, Rahul Sharma, Rohit Sharma, Kamal Jeet, Amar Deepak	Journal of Drug Delivery Science and Technology	115		Journal
Overcoming challenges in microbial drug factory scale-up	Prakram Singh Chauhan, Tripti Dadheech, Arunika Saxena	Bioinformatics, AI, and Machine Learning in Microbial Drug Development			Book Chapter
Role of AI in Developing Smart Urban Cities and Resilience to Climate Change	Lata Rani, Hurmat, Balpreet Kaur, Rashami Arora	Studies in systems, decision and control			Book Chapter
Alzheimer's Disease Management Through the Gut-Brain Axis	Poonam Negi, Nishtha Singh, Pranshul Sethi	Nutritional Neurosciences			Book Chapter
Molecular mechanisms of PCSK9 in cardiology: therapeutic implications and clinical impacts on the cardiorenal axis	Sandeep Kaur, Drishti Panjwani, Shareen Singh, Souvik Banerjee, Sukriti Wadehra, Amritpal Kaur, Thakur Gurjeet Singh	Molecular and Cellular Biochemistry			Journal

## PATENTS FILED

Sr No.	Title	Inventor	Applicant	Filing Date	Application No	Patent Utility/ Design
1	Personalized Asthma Trigger Prediction And Prevention System	Thakur Gurjeet Singh, Akanksha Charde, Suruchi Chaubey, Rashib Seth, Rajan Swami	Chitkara University, Chitkara Innovation Incubator Foundation	31-07-2025	202511073113	Utility
2	Reversible Mao-A Inhibitors And Related Methods	Diksha Choudhary, Rajwinder Kaur, Bhupinder Kumar, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	31-07-2025	202511073122	Utility
3	Novel Small Phenyl-Amino-Pyrimidine(Pap)-Based Compounds As Anti- Cancer Agents And Method Of Preparation Thereof	Somdutt Mujwar, Dilpreet Singh, Sumesh Chandra Sharma, Thakur Gurjeet Singh, Mateusz Kciuk, Renata Kontek, Beata Marciniak	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094302	Utility
4	Simultaneous Quantification Of Glimepiride And Lovastatinin Biological Fluids	Rohit Bhatia, Priyanka Paul, Raj Kamal, Taqdir Singh, Ankush Kumar, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094298	Utility
5	Methotrexate Loaded Carbon Dots And Green Synthesis Thereof	Rohit Bhatia, Arshdeep Chopra, Yogindra Kumari, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094300	Utility
6	Propargyl Benzimidazole Derivatives And A Method	Rohit Bhatia, Irfan Ali, Ankush Kumar, Ankit Awasthi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094299	Utility
7	Amino Alkylchalcone Derivatives And A Method Of Synthesis Thereof	Manjinder Singh, Pratibha Sharma, Ravinder Singh, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094301	Utility
8	Extraction Of Chia Seed Gum For Drug Delivery Applications	Sneha Poddar, Shuchi Goyal, Sk Mehephuz Ali, Neeraj Mittal, Sushma Devi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093991	Utility

9	Cubosomal In-Situ Gel Formulation Of Apigenin	Thakur Gurjeet Singh, Muskaan Sharma, Mohit Kumar, Pallavi Bassi, Papiya Nath Mazumadar, Pritha Dalapati	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093993	Utility
10	Benzoyl-Peroxide & Curcumin Loaded Nanoemulsion Topical Gel	Ankita Sharma, Sonia Dhiman, Ankit Awasthi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093996	Utility
11	Oral Thin Film Formulations Of Rotigotine For Transmucosal Administration	Atul Lanjewar, Prateek Ghatak, Tanuja, Hiti Narula, Sonia Dhiman, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093992	Utility
12	Plumbagin-Loaded Thermosensitive Injectable Hydrogel	Chandan Kumar Sahoo, Atul Lanjewar, Manisha Sharma, Chander Parkash, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093994	Utility
13	Wound Dressing Comprising Pyridinium-Based Ionic Liquid	Gagandeep Singh, Aastha Rana, Teenu Sharma, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093998	Utility
14	Adapalene-Loaded Cubosomal Gel For Controlled Topical Delivery In The Treatment Of Acne Vulgaris	Sushant Sharma, Thakur Gurjeet Singh, Chander Parkash,	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093997	Utility
15	Pharmaceutical Composition Of Bendamustine Hybrid Nanoparticles	Naina Devi, Sonia Dhiman, Thakur Gurjeet Singh, Chander Parkash	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093999	Utility
16	Acridone-Based Inhibitors For Diabetic Complications And Related Methods	Pragati Silakari, Manjinder Singh, Paranjeet Kaur, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093995	Utility
17	Antioxidant Activity Of Ethyl Acetate Extract Of Hibiscus Rosasinensis Flowers And Preparation Method Thereof	Satyam Kumar Agrawal, Monika Sharma	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094005	Utility
18	Bexarotene-Loaded Nanostructured Lipid Carrier Gel	Snigdha Chakraborty, Balraj Saini, Rajan	Chitkara University, Chitkara	30-09-2025	202511094009	Utility

		Swami,Thakur Gurjeet Singh, Chander Parkash	Innovation Incubator Foundation			
19	Green Synthesis Of Silver Nanoparticles Using Natural Gum In A Microwave Synthesizer	Teenu Sharma, Mansi Dogra, Gagandeep Singh, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094008	Utility
20	Oral Thin Film Formulation Of Promethazine Using Pullulan	Tanuja Bhatt, Virender Saini, Atul Lanjewar, Sonia Dhiman, Thakur Gurjeet Singh, Chander Parkash	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094007	Utility
21	Herbal Hair Mask Utilizing Nanotechnology	Pragati Silakari, Manjinder Singh, Paranjeet Kaur, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094006	Utility
22	Multivitamin And Mineral Nutraceutical Shot With Improved Stability And Bioavailability	C Zorinpuii, Thakur Gurjeet Singh, Rajwinder Kaur	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094004	Utility
23	Cyclophosphamide Liposomal Formulation And Method Of Production Thereof	Amrinder Singh, Honeyjot Singh	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094834	Utility
24	Method For Preparing Cobalt-Doped Coconuthusk Biochar(Co@Chbc) For Efficient Adsorption Of Anionic Dyes	Jyotsna Kaushal, Ajay Khajuria	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094836	Utility
25	Novel Pharmaceutical Co-Processed Excipient Composition Prepared By Spray Drying Technique And Pharmaceutical Dosage Forms Thereof	Bidisha Bhattacharya, Mayuri, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094831	Utility
26	Method For Waste Water Treatment Using Copper-Doped Carbon Quantum Dots	Jyotsna Kaushal, Shubam Sudan	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094830	Utility

27	Viable Agrowaste Biochar Based Ecofriendly Insecticidal Rods For Paddy Fields	Jyotsna Kaushal, Lata Rani	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094832	Utility
28	Sulfonylchromene Derivatives And A Method Of Synthesis Thereof	Rohit Bhatia, Aman Rai, Ankush Kumar, Rajwinder Kaur, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094833	Utility
29	Personalized Asthma Trigger Prediction And Prevention System	Thakur Gurjeet Singh, Akanksha Charde, Suruchi Chaubey, Rashib Seth, Rajan Swami	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094921	Utility
30	Orally Disintegrating Herbal Film	Amrinder Singh, Tushar Mehta	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094835	Utility
31	Green Synthesis And Characterization Of Zinc Oxide Nanoparticles Using Erythrina Variegata Flower Extract	Satyam Kumar Agrawal, Madhunika Agrawal	Chitkara University, Chitkara Innovation Incubator Foundation	09-11-2025	202511108611	Utility
32	Nanoemulsion Gel Composition Containing Calotropis Gigantea Extract	Manju Nagpal, Shyam Mishra, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111299	Utility
33	Extracts Of Syzygium Cumini And Their Method Of Preparation For Therapeutic Use	Satyam Kumar Agrawal, Monika Sharma	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111301	Utility
34	Karaya Gum– Gelatin Composite Gel For Controlled Topical Drug Delivery	Manju Nagpal, Sonia Arora, Malkiet Kaur, Chander Parkash, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111298	Utility
35	Polymeric Nanoparticle Composition For Enhanced Ocular Delivery Of Gatifloxacin	Sneha Poddar, Shuchi Goyal, Neeraj Mittal, Garima, Sushma Devi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111113	Utility
36	Polymeric Micelle Composition For	Saptarni Pal, Thakur Gurjeet Singh, Jaskiran Kaur, Ankit Awasthi	Chitkara University, Chitkara	13-11-2025	202511111114	Utility



	Oral Delivery Of Nootkatone		Innovation Incubator Foundation			
37	Hydrogel Film For Sustained Topical Delivery Of Metronidazole	Anju, Ritu Rathi, Anmol Kumar Shukla, Nitin Mehetre, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111467	Utility
38	Self-Nanoemulsifying Drug Delivery System (Snedds) Co-Loading Mesalamine And Hesperidin	Abhishek Chauhan, Raj Kamal, Ankit Awasthi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111300	Utility
39	Jet-Assisted Biodegradable Biosensing Microchip For Real-Time Liver Protection And Detoxification	Onkar Bedi, Mansi Vatrana, Shifali Gupta	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111115	Utility
40	Pharmaceutical Cocrystal Of Methotrexate And Silymarin	Onkar Bedi, Shilpa, Ritu Rathi, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111112	Utility
41	Multi-Layer Hepatic Detoxifying And Regenerative Patch With Ph-Responsive And Enzyme-Activated Nanoparticles	Onkar Bedi, Mansi Vatrana, Shifali Gupta	Chitkara University, Chitkara Innovation Incubator Foundation	18-11-2025	202511113530	Utility
42	Microsponge-Based Topical Gel For Controlled Release Of Silymarin In Atopic Dermatitis	Ujjwal Kaushik, Archana Kaushik	Chitkara University, Chitkara Innovation Incubator Foundation	18-11-2025	202511113529	Utility
43	Fluconazole Based Co-Crystals And Large Scale Method Of Production Thereof	Ritu Rathi, Anju, Ashima Dhiman, Nitin Mehetre, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	18-11-2025	202511113531	Utility

## PATENTS PUBLISHED

Sr No.	Title	Inventor	Applicant	Filing Date	Application No	Publication date	Journal No.
1	Hepatic-Targeted Drug Delivery Film Of Anticancer Drugs	Onkar Bedi, Mansi Vatrana, Thakur Gurjeet Singh, Aashish Kumar, Shifali Gupta	Chitkara University, Chitkara Innovation Incubator Foundation	30-06-2025	202511063744	7/11/25	28/2025
2	Personalized Asthma Trigger Prediction And Prevention System	Thakur Gurjeet Singh, Akanksha Charde, Suruchi Chaubey, Rashib Seth, Rajan Swami	Chitkara University, Chitkara Innovation Incubator Foundation	31-07-2025	202511073113	8/22/25	34/2025
3	Reversible Mao-A Inhibitors And Related Methods	Diksha Choudhary, Rajwinder Kaur, Bhupinder Kumar, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	31-07-2025	202511073122	8/22/25	34/2025
4	Simultaneous Quantification Of Glimepiride And Lovastatinin Biological Fluids	Rohit Bhatia, Priyanka Paul, Raj Kamal, Taqdir Singh, Ankush Kumar, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094298	11/14/25	46/2025
5	Methotrexate Loaded Carbon Dots And Green Synthesis Thereof	Rohit Bhatia, Arshdeep Chopra, Yogindra Kumari, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094300	11/14/25	46/2025
6	Propargyl Benzimidazole Derivatives And A Method	Rohit Bhatia, Irfan Ali, Ankush Kumar, Ankit Awasthi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094299	11/14/25	46/2025

7	Amino Alkylchalcone Derivatives And A Method Of Synthesis Thereof	Manjinder Singh, Pratibha Sharma, Ravinder Singh, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094301	11/14/25	46/2025
8	Extraction Of Chia Seed Gum For Drug Delivery Applications	Sneha Poddar, Shuchi Goyal, Sk Mehephuz Ali, Neeraj Mittal, Sushma Devi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093991	11/14/25	46/2025
9	Cubosomal In-Situ Gel Formulation Of Apigenin	Thakur Gurjeet Singh, Muskaan Sharma, Mohit Kumar, Pallavi Bassi, Papiya Nath Mazumadar, Pritha Dalapati	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093993	11/14/25	46/2025
10	Oral Thin Film Formulations Of Rotigotine For Transmucosal Administration	Atul Lanjewar, Prateek Ghatak, Tanuja, Hiti Narula, Sonia Dhiman, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093992	11/14/25	46/2025
11	Plumbagin-Loaded Thermosensitive Injectable Hydrogel	Chandan Kumar Sahoo, Atul Lanjewar, Manisha Sharma, Chander Parkash, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093994	11/14/25	46/2025
12	Acridone-Based Inhibitors For Diabetic Complications And Related Methods	Pragati Silakari, Manjinder Singh, Paranjeet Kaur, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511093995	11/14/25	46/2025
13	Antioxidant Activity Of Ethyl Acetate Extract Of Hibiscus Rosasinensis Flowers And Preparation Method Thereof	Satyam Kumar Agrawal, Monika Sharma	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094005	11/14/25	46/2025
14	Bexarotene-Loaded Nanostructured Lipid Carrier Gel	Snigdha Chakraborty, Balraj Saini, Rajan	Chitkara University, Chitkara Innovation	30-09-2025	202511094009	11/14/25	46/2025

		Swami, Thakur Gurjeet Singh, Chander Parkash	Incubator Foundation				
15	Green Synthesis Of Silver Nanoparticles Using Natural Gum In A Microwave Synthesizer	Teenu Sharma, Mansi Dogra, Gagandeep Singh, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094008	11/14/25	46/2025
16	Oral Thin Film Formulation Of Promethazine Using Pullulan	Tanuja Bhatt, Virender Saini, Atul Lanjewar, Sonia Dhiman, Thakur Gurjeet Singh, Chander Parkash	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094007	11/14/25	46/2025
17	Herbal Hair Mask Utilizing Nanotechnology	Pragati Silakari, Manjinder Singh, Paranjeet Kaur, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094006	11/14/25	46/2025
18	Multivitamin And Mineral Nutraceutical Shot With Improved Stability And Bioavailability	C Zorinpui, Thakur Gurjeet Singh, Rajwinder Kaur	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094004	11/14/25	46/2025
19	Novel Small Phenyl-Amino-Pyrimidine(Pap)-Based Compounds As Anti- Cancer Agents And Method Of Preparation Thereof	Somdudd Mujwar, Dilpreet Singh, Sumesh Chandra Sharma, Thakur Gurjeet Singh, Mateusz Kciuk, Renata Kontek, Beata Marciniak	Chitkara University, Chitkara Innovation Incubator Foundation	30-09-2025	202511094302	11/21/25	47/2025
20	Cyclophosphamide Liposomal Formulation And Method Of Production Thereof	Amrinder Singh, Honeyjot Singh	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094834	11/28/25	48/2025
21	Method For Preparing Cobalt-Doped Coconuthusk Biochar(Co@Chbc) For Efficient Adsorption Of Anionic Dyes	Jyotsna Kaushal, Ajay Khajuria	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094836	11/28/25	48/2025

22	Novel Pharmaceutical Co-Processed Excipient Composition Prepared By Spray Drying Technique And Pharmaceutical Dosage Forms Thereof	Bidisha Bhattacharya, Mayuri, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094831	11/28/25	48/2025
23	Method For Waste Water Treatment Using Copper-Doped Carbon Quantum Dots	Jyotsna Kaushal, Shubam Sudan	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094830	11/28/25	48/2025
24	Viable Agrowaste Biochar Based Ecofriendly Insecticidal Rods For Paddy Fields	Jyotsna Kaushal, Lata Rani	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094832	11/28/25	48/2025
25	Sulfonylchromene Derivatives And A Method Of Synthesis Thereof	Rohit Bhatia, Aman Rai, Ankush Kumar, Rajwinder Kaur, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094833	11/28/25	48/2025
26	Personalized Asthma Trigger Prediction And Prevention System	Thakur Gurjeet Singh, Akanksha Charde, Suruchi Chaubey, Rashib Seth, Rajan Swami	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094921	11/28/25	48/2025
27	Orally Disintegrating Herbal Film	Amrinder Singh, Tushar Mehta	Chitkara University, Chitkara Innovation Incubator Foundation	02-10-2025	202511094835	11/28/25	48/2025
28	Green Synthesis And Characterization Of Zinc Oxide Nanoparticles Using Erythrina Variegata Flower Extract	Satyam Kumar Agrawal, Madhunika Agrawal	Chitkara University, Chitkara Innovation Incubator Foundation	09-11-2025	202511108611	12/26/25	52/2025
29	Nanoemulsion Gel Composition Containing	Manju Nagpal, Shyam Mishra, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation	14-11-2025	202511111299	12/26/25	52/2025

	Calotropis Gigantea Extract		Incubator Foundation				
30	Extracts Of Syzygium Cumini And Their Method Of Preparation For Therapeutic Use	Satyam Kumar Agrawal, Monika Sharma	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111301	12/26/25	52/2025
31	Karaya Gum– Gelatin Composite Gel For Controlled Topical Drug Delivery	Manju Nagpal, Sonia Arora, Malkiet Kaur, Chander Parkash, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111298	12/26/25	52/2025
32	Polymeric Nanoparticle Composition For Enhanced Ocular Delivery Of Gatifloxacin	Sneha Poddar, Shuchi Goyal, Neeraj Mittal, Garima, Sushma Devi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111113	12/26/25	52/2025
33	Polymeric Micelle Composition For Oral Delivery Of Nootkatone	Saptaparni Pal, Thakur Gurjeet Singh, Jaskiran Kaur, Ankit Awasthi	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111114	12/26/25	52/2025
34	Hydrogel Film For Sustained Topical Delivery Of Metronidazole	Anju, Ritu Rathi, Anmol Kumar Shukla, Nitin Mehetre, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111467	12/26/25	52/2025
35	Self-Nanoemulsifying Drug Delivery System (Snedds) Co-Loading Mesalamine And Hesperidin	Abhishek Chauhan, Raj Kamal, Ankit Awasthi, Thakur Gurjeet Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2025	202511111300	12/26/25	52/2025
36	Jet-Assisted Biodegradable Biosensing Microchip For Real-Time Liver Protection And Detoxification	Onkar Bedi, Mansi Vatrana, Shifali Gupta	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111115	12/26/25	52/2025
37	Pharmaceutical Cocrystal Of Methotrexate And Silymarin	Onkar Bedi, Shilpa, Ritu Rathi, Inderbir Singh	Chitkara University, Chitkara Innovation Incubator Foundation	13-11-2025	202511111112	12/26/25	52/2025

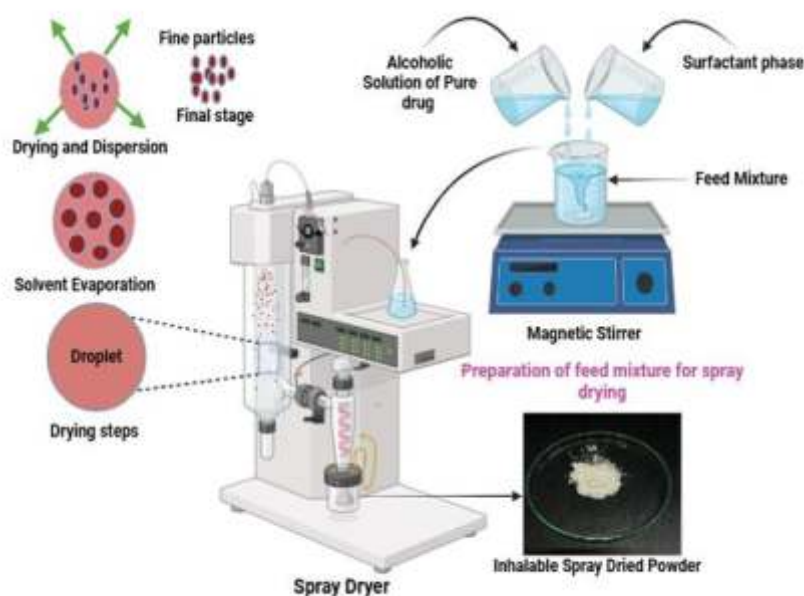


## PATENTS GRANTED

Sr No.	Title	Inventor	Applicant	Filing Date	Application No	Patent Number	Granted date	Design /Utility
1	Topicalherbal Composition For The Treatment Of Psoriasis And Other Skin Diseases And Method Thereof	Ramkumar Ketti Ramachandran, Sandeep Arora, Ramamurthy Vijyakumar	Chitkara University	30-09-2016	201611033442	569868	8/19/25	Utility
2	Hepato-Target Formulations And Methods Of Preparation Thereof	Sandeep Arora, Sukhbir Singh, Neelam Sharma	Chitkara Innovation Incubator Foundation	30-03-2021	202111014165	570674	9/16/25	Utility
3	Pharmaceutical Mixture For Oral Drug Delivery	Varsha Singh	Chitkara University, Chitkara Innovation Incubator Foundation	14-11-2022	202211065180	571224	9/26/25	Utility
4	Herbal Composition Comprising Pluchea Lanceolata And Trigonellafoenum-Graecum	Neelam Sharma, Sukhbir Singh, Ajmer Singh Grewal, Anil Bansal, Tapan Behl, Sandeep Arora	Chitkara Innovation Incubator Foundation	26-12-2019	201911054055	576551	12/26/25	Utility

## PROJECTS

- Project Name –** Systematic QbD Approach and Modified Cyclone Separator to Optimize Spray-Dried Liquid Crystalline Microparticles for Targeted Osimertinib Delivery in NSCLC
- Funding Agency –** DDL Career Development Award 2025, United Kingdom (DDL-CDA-2025)
- Availing Organization –** Chitkara College of Pharmacy, Chitkara University, Punjab.
- Principal Investigator –** Dr. Akash Deep
- Project Amount –** 5.8 Lakhs (£4900)
- Purpose -** This project proposes an innovative pulmonary drug delivery system by developing inhalable spray-dried liquid crystalline microparticles (OSM-SLCM) using a Quality by Design (QbD) approach integrated with a modified cyclone separator to improve formulation efficiency and powder recovery.



**Dr. Akashdeep Singh**  
Assistant Professor  
Chitkara College of Pharmacy

**Project Name –** Thermotherapeutic patch for Analgesic and Anti- inflammatory Activity

**Funding Agency –** DST

**Availing Organization –** NewGen IEDC, Chitkara College of Pharmacy, Chitkara University, Punjab.

**Principal Investigator –** Shyam Mishra, Debraj Pal

**Mentor –** Dr. Manju Nagpal, Dr. Thakur Gurjeet Singh

**Project Amount –** 2.0 Lakh

**Purpose –** To carry out research project

from: newgen iedc

Thermotherapeutic patch for Analgesic and Anti- inflammatory Activity : Funding of INR 2 Lakh approved. Please read to instructions carefully

**Chitkara University NewGen IEDC** cs1edc@chitkara.edu.in  
to: Anandhyam93311, shymr1508.ccp2A, Debraj, debraj1003.ccp2A, res, Gurjeet, Gurjeet, anit, anit14

Dear Arpit and Team,

Thank you for submitting a project titled- "**Thermotherapeutic patch for Analgesic and Anti- inflammatory Activity**" for funding support to NewGen IEDC. Based on your project presentation that took place on October 18, the committee has decided to recommend your project for funding support. We are happy to inform you that, based on the budget you have provided in the attached proposal, prototype funding of **INR 2,00,000** is now sanctioned for your project. **Please start the project execution and start taking quotations from the vendors.**

Please note that your team must take active steps in commercializing the technology/product either by licensing it to industry or by starting a company. You must go for IP protection and file a patent. Furthermore, the committee has suggested that it will be good if the product is developed in collaboration with an industry partner. Please try to consider this recommendation of the committee.

**Please read these points carefully and take the necessary actions.**

1. Please read the attached undertaking and submit the duly signed copy by November 1 (scan copy will do).
2. **Details for the website** - We need to post details of your project on the NewGen IEDC website. Please share the details of your project, along with pictures, video and details of your team members with photographs. Please share the details of patents or any other achievements related to your project for posting on the website as well. Do the needful latest by **November 1, 2025**. [Visit the website to see the pages of already sanctioned projects - <https://newgeniedc.chitkara.edu.in/list-of-sanctioned-projects/>].
3. Your project video should start with details of your team, project title and NewGen IEDC logo. Please use the attached PowerPoint slide as the first shot of your project video.
4. **Regarding the financials and spending** -
  - All procurements for your project will be done by Chitkara University on your behalf and material will be received on the campus.
  - You must get the quotations of the material from the vendors and quotations must be addressed to <Student member of your team>, Chitkara University, NewGen IEDC.
  - For procurement of anything above INR 25,000 we need three quotations from three different vendors.
  - If you want to procure anything below INR10,000 you can procure on your own and later take the reimbursement from NewGen IEDC from your project funding
    - You must take prior approval for this
    - You must not split the large value order into multiple small value orders just for the sake of convenience.
    - All bills must be taken in the name of - <Student member of your team> : Chitkara University, NewGen IEDC and original bills must be submitted to us.
  - No procurements should be done from popular ecommerce websites unless it is absolutely necessary. Prior permission from NewGen IEDC must be obtained.

**Project Name –** INDICHROMA - An Innovative Theragnostic Transdermal Patch  
**Funding Agency –** NewGen IEDC  
**Availing Organization –** Chitkara College of Pharmacy, Chitkara University, Punjab.  
**Principal Investigator –** Sanchita Seth  
**Mentor –** Dr. Avneet Kour & Dr. Ankit Awasthi  
**Project Amount –** 2.5 lakh  
**Purpose -** Development of an innovative transdermal patch

---

**Project Name –** Developing Novel malaria control interventions: Innovative drug delivery approaches and adjunct antimalarial therapies (Intramural Project)  
**Funding Agency –** Indian Council of Medical Research (ICMR)  
**Availing Organization –** One Project Technical Support-III appointed at Chitkara University, Punjab  
**Co-Principal Investigator –** Dr. Chander Parkash, Associate Professor, Chitkara College of Pharmacy, Chitkara University, Punjab  
**Principal Investigator -** Dr. Kuldeep Singh, Scientist C, ICMR-National Institute of Malaria Research, Sector-8, Dwarka, New Delhi.  
**Project Amount –** Rs.1,07,17,600 /- (18.11.2024-17.11.2025, First Year grant)  
**Purpose -** To conduct research activities under this project.

---

**Project Name –** Developing Novel malaria control interventions: Innovative drug delivery approaches and adjunct antimalarial therapies (Intramural Project)  
**Funding Agency –** Indian Council of Medical Research (ICMR)  
**Availing Organization –** One Project Technical Support-III appointed at Chitkara University, Punjab  
**Co-Principal Investigator –** Dr. Chander Parkash, Associate Professor, Chitkara College of Pharmacy, Chitkara University, Punjab  
**Principal Investigator -** Dr. Kuldeep Singh, Scientist C, ICMR-National Institute of Malaria Research, Sector-8, Dwarka, New Delhi.  
**Project Amount –** Rs.1,07,17,600 /- (18.11.2024-17.11.2025, First Year grant)  
**Purpose -** To conduct research activities under this project.

## MOU BETWEEN CCP AND OTHER ORGANIZATIONS

Sr. No.	Name of Organisation	Date of MoU	Tenure
1.	Fortis Hospital, Ludhiana	22.08.2025	03 Years
2.	Gian Sagar Dental College & Hospital, Banur	01.11.2025	03 Years
3.	Parexel International India P Ltd	01.11.2025	03 Years
4.	Cliantha Research Limited	25.11.2025	05 Years

## INTERNATIONAL VISITS

**Program:** 15 Day Cultural Exchange Program

**Organization:** Toyo University Japan

**Program period:** 16 June 2025 - 1 July 2025

**Class:** B Pharmacy 4<sup>th</sup> Sem

**Candidate:** Tenzin Engsel

From June 15 to July 1, 2025, students from Chitkara University and Chitkara College of Pharmacy engaged in a 15-day cultural exchange at Toyo University in Japan. The program combined academic sessions on AI, IoT, and Japanese business management with a professional visit to the Japanese External Trade Organization (JETRO). Participants also immersed themselves in Japanese traditions through hands-on workshops in calligraphy, papermaking, and Awa Odori dance.

This exchange fostered significant personal growth, enhancing the students' confidence and global perspective through direct interaction with Japanese peers. By exploring Tokyo's diverse landscape—from historical temples to the bustling streets of Shinjuku and Ginza—students gained a deep appreciation for international etiquette and innovation. The journey concluded with students building lifelong international friendships and returning with a strengthened sense of global citizenship.



15 Day Cultural Exchange Program in Toyo University, Japan



**Program:** 9 Day Cultural Exchange Program  
**Organization:** University of Wollongong Malaysia  
**Program period:** 29 June 2025 - 7 July 2025  
**Class:** Pharm D 2nd year  
**Candidate:** Angelina Preyesh George

From June 15 to June 23, 2025, Angelina P George, a 2nd-year Pharm D student from Chitkara College of Pharmacy, participated in a transformative 9-day exchange program at the University of Wollongong Malaysia. The program offered a comprehensive blend of academic and cultural exposure, featuring specialized workshops on AI, public health, and business innovation. Beyond the classroom, the visit included exploring the iconic Petronas Twin Towers in Kuala Lumpur and experiencing the historical cultural charm of Melaka.

The exchange served as a significant platform for personal growth, allowing the participant to step far out of her comfort zone and build lifelong international friendships. Whether riding glass gondolas or sharing local delicacies with Malaysian and Indian peers, every moment contributed to a deeper understanding of global perspectives. Representing Chitkara University on this global stage, the student returned with a renewed sense of empowerment and a "new version" of herself, highlighting the value of the international opportunities provided by the college.



**9 Day Cultural Exchange Program, University of Wollongong Malaysia**

**Program:** 2 Weeks Summer School on Leadership Skills

**Organization:** University of PECS, Hungary.

**Program period:** 6-19 July 2025

**Class:** Pharm D 3<sup>rd</sup> Year

**Candidates:** Mayukh Borkakati, Abhikmoy Mahanta.

The international mobility of these students highlights a diverse range of academic paths and global destinations within the pharmaceutical field. Mayukh Borkakati and Abhikmoy Mahanta, both enrolled in the Pharm D 3<sup>rd</sup> year program, travelled to the University of PECS in Hungary to gain international lab experience. The academic curriculum focused on the psychology of leadership, effective cross-cultural communication, and strategic personal branding, earning participants 6 ECTS credits. Through a mix of theoretical lectures and practical simulations, students developed essential competencies in conflict management and emotional intelligence, tailored for global professional environments.

Complementing the academic rigor was a rich cultural exchange that included guided tours of the Zsolnay Cultural Quarter, traditional Hungarian folk-dance classes, and local gastronomic experiences. Social activities like dragon boat racing at Orfű and intercultural workshops allowed students to build an international network with peers from around the world. The program successfully provided the students with a global perspective on leadership, enhancing their professional mindset and preparing them for the international pharmaceutical landscape.



## 2 Weeks Summer School on Leadership Skills in University of PECS, Hungary

**Program:** 8 Day Dubai Immersion Global Program.

**Organization:** Middlesex University Dubai.  
**Program period:** 7<sup>th</sup> - 14<sup>th</sup> September 2025  
**Class:** B. Pharm, 7<sup>th</sup> Semester  
**Candidates:** Aarush Khajuria, Ayush Mittal, and Sarthak Baisoya.

Students from **Chitkara College of Pharmacy**, along with students from **other academic streams**, successfully participated in the **Dubai Immersion Global Program** held in September 2025. The eight-day program offered a rich blend of academic learning and cultural exposure. Participants attended interactive sessions at Middlesex University Dubai covering innovation, entrepreneurship, AI, leadership, and personal branding, followed by a graduation ceremony. The cultural itinerary included a desert safari, Marina dhow cruise, visits to iconic landmarks such as the Sheikh Zayed Grand Mosque and the Burj Khalifa, and an exhilarating experience at Ferrari World. The program fostered global exposure, interdisciplinary interaction, teamwork, and personal growth.



**8 Day Dubai Immersion Global Program**

**Program:** International Conference and Workshop

**Organization:** Edinburgh, UK.

**Program period:** 10<sup>th</sup> - 17<sup>th</sup> December 2025

**Faculty:** **Dr. Akashdeep**

Mr. Akash Deep, Assistant Professor, Chitkara College of Pharmacy, Chitkara University, Punjab, has received international academic recognition through his selection for prestigious global research events organized by The Aerosol Society. His research paper titled *“Pharmacokinetic, Organ Distribution, and In-Vitro Evaluation of Inhalable Procubosomal Erlotinib for Sustained Targeted Lung Cancer Therapy”* has been accepted as a poster presentation at the Drug Delivery to the Lungs (DDL 2025) Conference, scheduled from 10–12 December 2025 at the Edinburgh International Conference Centre, UK.

Additionally, he has been selected to participate in the DDL New Researcher Network Event (14–17 December 2025), which includes academic–industry exposure and an industrial visit to Viatris in London and Sandwich. All travel, accommodation, and subsistence expenses are fully supported by the organizers, reflecting the international relevance and quality of his research work.



**International Conference and Workshop, Edinburgh, UK.**



## FACULTY AWARDS

Name of full-time teachers receiving awards from state level, national level, international level	Date of Award	Designation	Name of the award, fellowship, received from Government or Government recognized bodies	Name of the Awarding Agency	Incentives/Type of the incentive given by the HEI in recognition of the award
Dr. Rajwinder Kaur	August 2025	Professor	Best Faculty Award	HKE Society and SCRMP	Certificate of appreciation
	September 2025	Professor	Award of excellence	Chitkara University	Certificate of appreciation
	September 2025	Professor	Award of Honor for World's Top 2% Scientist 2025	Chitkara University, Punjab	Certificate of appreciation
	November 2025	Professor	Token of Appreciation	Doctoral Research Centre (Session Chair) on Doctoral Consortium CUDC	Token of Appreciation
	December 2025	Professor	Best Paper Award	IC-SEDEx'2025	Certificate of appreciation
Dr. Manjinder Singh	September 2025	Associate Professor	Best Research Author Award	Research Excellence Award, Chitkara University, India	Certificate of appreciation
	September 2025	Associate Professor	Award of Honor for World's Top 2% Scientist 2025	Chitkara University, Punjab	Certificate of appreciation
	September 2025	Associate Professor	Certificate of appreciation	Government College of Pharmacy Rohru District Shimla Himachal Pradesh, India (Evaluator)	Certificate of appreciation
	November 2025	Associate Professor	Token of Appreciation	Doctoral Research Centre (Session Chair) on Doctoral Consortium CUDC	Token of Appreciation
Dr. Chander Parkash	November 2025	Associate Professor	Token of Appreciation	Doctoral Research Centre (Track Convener) on Doctoral Consortium CUDC	Token of Appreciation
Dr. Sanjana	November 2025	Assistant Professor	Token of Appreciation-Session Chair	Doctoral Research Centre (Session Chair) on Doctoral Consortium CUDC	Token of Appreciation
	United Nations Day Celebrations 2025	National	Certificate of Appreciation - Member of the Organizing Team	Centre of Excellence for Sustainability	Certificate of Appreciation
	SustainaStaff Series (Repot & Replant)	Institutional	Certificate of Appreciation-Consolation Prize	Centre of Excellence for Sustainability	Certificate of Appreciation
Dr. Ashi Mannan	September 2025	Assistant Professor	Best Ph. D Thesis Award	Chitkara University, Punjab	Certificate of appreciation
	November 2025	Assistant Professor	Token of Appreciation-Session Chair	Doctoral Research Centre (Session Chair) on Doctoral Consortium CUDC	Token of Appreciation

**TOTAL NUMBER OF TEACHERS UNDERGOING ONLINE/ FACE-TO-FACE  
WORKSHOPS/CONFERENCES DURING JULY-DEC 2025**

Name of teacher who attended	Title of the program	Duration	No. of Days	Name of Program	Name of Department	Name of School
Dr. Manjinder Singh	National Conference on Integrated Approaches in Drug Development: From Molecular Discovery to Therapeutic Formulation	27 Sep 2025	1	Pharmacy	CCP	CCP
Dr. Madhukar Garg	12th Convention of Society for Ethnopharmacology India & International Conference on “Traditional Medicine- Ancient & Modern Concordance”	30-31 Oct 25	2	SECON 2025	School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi, India	School of Pharmaceutical Education and Research
Dr. Rajwinder Kaur	CUDC-2025	10-11 Nov 2025	2	Doctoral Research Centre	Chitkara University	
	National Conference on Integrated Approaches in Drug Development: From Molecular Discovery to Therapeutic Formulation	27 Sep 2025	1	Pharmacy	CCP	CCP
	International Conference on Sustainability, Energy and Digital Transformation for Excellence in Education and Research (IC-SEDEx'2025)	19-20 Dec 2025	2	IC-SEDEx' 2025	Accreditation and Quality Assurance Cell	Chitkara University, Punjab
Dr. Sanjana Mehta	Health Checkup Camp (Empowering Health Through Pharmacy)	13 Oct 2025	1	Health Checkup Camp (Empowering Health Through Pharmacy)	Chitkara College of Pharmacy, Chitkara University, Punjab	Chitkara College of Pharmacy, Chitkara University, Punjab



	International Conference on “The Future of Pharmacy: Transforming Healthcare Through Innovation”	25-26 Sep 2025	2	International Conference on The Future of Pharmacy	Chitkara College of Pharmacy, Chitkara University, Punjab	Chitkara College of Pharmacy, Chitkara University, Punjab
	National Conference on Integrated Approaches in Drug Development: From Molecular Discovery to Therapeutic Formulation	27 Sep 2025	1	National Conference on Integrated Approaches in Drug Development: From Molecular Discovery to Therapeutic Formulation	Chitkara College of Pharmacy, Chitkara University, Punjab	Chitkara College of Pharmacy, Chitkara University, Punjab
Dr. Diksha Sharma	12th Convention of Society for Ethnopharmacology India & International Conference on “Traditional Medicine- Ancient & Modern Concordance”	30-31 Oct 25	2	SECON 2025	School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi, India	School of Pharmaceutical Education and Research
Dr Teenu Sharma	International Conference on Sustainability, Energy and Digital Transformation for Excellence in Education and Research (IC-SEDEX’2025)	30-31 Oct 25	2	IC-SEDEX’ 2025	Accreditation and Quality Assurance Cell	Chitkara University, Punjab
Dr Gagandeep Singh	International Conference on Sustainability, Energy and Digital Transformation for Excellence in Education and Research - (IC-SEDEX’2025)	19-20 Dec 2025	2	IC-SEDEX’ 2025	Accreditation and Quality Assurance Cell	Chitkara University, Punjab

Dr. Amit Kumar Uppal	Stress and Coping: An Experiential Session Using Mindfulness and Music Therapy	26 Nov 2025	1		CCP	Chitkara University, Punjab
	International Conference on Sustainability, Energy and Digital Transformation for Excellence in Education and Research (IC-SEDEX'2025)	19-20 Dec 2025	2	IC-SEDEX' 2025	Accreditation and Quality Assurance Cell	Chitkara University, Punjab
Dr Sonia Dhiman	12th Convention of Society for Ethnopharmacology India & International Conference on "Traditional Medicine- Ancient & Modern Concordance"	30-31 Oct 25	2	SECON 2025	School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi, India	School of Pharmaceutical Education and Research
Dr. Akash Deep	Drug Delivery to Lungs, Conference, United Kingdom	10-12 Dec 2025	3	DDL 2025	The Aerosol Society PO BOX 226 BRISTOL BS20 1EG, Drug Delivery to Lungs, Edinburgh, Scotland, United Kingdom	The Aerosol Society PO BOX 226 BRISTOL BS20 1EG, Drug Delivery to Lungs, Edinburgh, Scotland, United Kingdom
	DDL New Researcher Network –Event	14-17 Dec 2025	4	DDL New Researcher Network –Event	The Aerosol Society PO BOX 226 BRISTOL BS20 1EG, Drug Delivery to Lungs, Edinburgh, Scotland, United Kingdom	The Aerosol Society PO BOX 226 BRISTOL BS20 1EG, Drug Delivery to Lungs, Edinburgh, Scotland, United Kingdom
Dr. Chander Parkash	CUDC–2025	10–11 November 2025	2	CUDC 2025, Track 5	DRC, Chitkara University	Chitkara University

Dr. Avneet Kour	Stress and Coping: An Experiential Session Using Mindfulness and Music Therapy	26 Nov 2025	1			
Dr Sandeep Kumar	55 <sup>th</sup> Annual Conference of Indian Pharmacological Society-IPSCON 2025	20-22 Nov, 2025	2	IPSCON 2025	UIPS, Punjab University, Chandigarh	UIPS, Punjab University, Chandigarh
Dr. Manjinder Singh	National Conference on Integrated Approaches in Drug Development: From Molecular Discovery to Therapeutic Formulation	27 Sep 2025	1	Pharmacy	CCP	CCP
Dr. Ashi Mannan	International Conference on “The Future of Pharmacy: Transforming Healthcare Through Innovation”	25-26 Sep 2025	2	International Conference on The Future of Pharmacy	Chitkara College of Pharmacy, Chitkara University, Punjab	Chitkara College of Pharmacy, Chitkara University, Punjab

**TOTAL NUMBER OF TEACHERS UNDERGOING ONLINE/ FACE-TO-FACE FDP  
DURING JULY 2025 – DEC. 2025**

<b>Name of Teacher Who Attended</b>	<b>Title of the Program</b>	<b>Duration</b>	<b>No. of Days</b>	<b>Name of Program</b>	<b>Name of Department</b>	<b>Name of School</b>
Dr. Sanjana	One Week Online Faculty Development Program (E-Fdp) on The Theme Ai Driven Transformation in Drug Discovery, Development and Clinical Trials,	15–19 Dec 2025	5	FDP	College Of Pharmacy, COER University, Roorkee, Uttarakhand,	College Of Pharmacy, COER University, Roorkee, Uttarakhand ,
Dr. Madhukar Garg	Advancing Pedagogy and Research in Pharmacy Education	28 July to 1 Aug 2025	5	FDP	University School of Pharmaceutical Sciences,	Rayat And Bahra University, Kharar Mohali, Punjab
Dr. Diksha Sharma	Transformative Teaching: Integrating Nep2020 and Outcome-Based Education	21-25 July 2025	5	FDP	Faculty of Pharmaceutical Sciences, The ICFAI University, Hp	Faculty Of Pharmaceutical Sciences, The ICFAI University, Hp
	Smart Health Innovation: Integrating Imaging, Sensors and Biomaterials.	14-19 July 2025	6	FDP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, Up	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, Up
Dr. Teenu Sharma	Smart Health Innovation: Integrating Imaging, Sensors and Biomaterials.	14-19 July 2025	6	FDP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, Up	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, Up

	Drug Design, Delivery & Development	11-15 Nov 2025	5	FDP	Department of Pharmacy and University of Cyberjaya, Malaysia, And Equipline Technologies Pvt. Ltd., Ghaziabad.	School Of Medical and Allied Sciences, Galgotias University
Dr. Sushma Devi	Smart Health Innovation: Integrating Imaging, Sensors and Biomaterials.	14-19 July 2025	6	FDP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, UP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, UP
	Drug Design, Delivery & Development	11-15 Nov 2025	5	FDP	Department of Pharmacy and University of Cyberjaya, Malaysia, And Equipline Technologies Pvt. Ltd., Ghaziabad.	School Of Medical and Allied Sciences, Galgotias University
Dr. Gagandeep Singh	Smart Health Innovation: Integrating Imaging, Sensors and Biomaterials.	14-19 July 2025	6	FDP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, UP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, UP
	Drug Design, Delivery & Development	11-15 Nov 2025	5	FDP	Department of Pharmacy and University of Cyberjaya, Malaysia,	School Of Medical and Allied Sciences, Galgotias University

					And Equipline Technologies Pvt. Ltd., Ghaziabad.	
Dr. Mohit Kumar	Research Form the Roots: Excellence Through Primary Exploration	07-11 July 2025	5	FDP	School of Pharmacy	Desh Bhagat University, Mandi Gobindgarg, Punjab, India
Dr. Amit Kumar Uppal	AICTE Training and Learning (Atal) Academy: Fostering Academia-Industry Synergy for Pharmaceutical Research & Current IPR Landscape	18-23 Aug 2025	5	FDP		K. R. Mangalam University
	Guru Dakshta-Faculty Induction Programme	05 July to 15 Nov 2025	10	FDP	Director HR Learning, Chitkara University, Punjab	CCP, Cu, Punjab
Dr. Amrinder Singh	Taxonomies In Education-A Deep Dive into the Learning Domain (Session-Iii)	26 Dec 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, Cu, Punjab
Dr. Pragati Silakari	Taxonomies In Education-A Deep Dive into the Learning Domain (Session-Iii)	26 Dec 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, Cu, Punjab
Dr. Sonia Dhiman	Integrating AI in Healthcare: Enhancing Education, Research and Practice	24-28 Nov 2025	5	FDP	IIMT College Of Pharmacy, Greater Noida	IIMT College Of Pharmacy, Greater Noida
Dr. Akash Deep	Artificial Intelligence in the Pharmaceutical Industry and Academia: Transforming Drug Discovery, Development and Education	18-23 Aug 2025	6	FDP	Shriram College Of Pharmacy, Morena (M.P.)	Shriram College Of Pharmacy, Morena (M.P.)
Dr. Deepinder Singh	Teaching With Insights: Psychological Tools for Empathetic Educators	Sep 11, 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr. Prakram	Teaching With Insights: Psychological Tools for Empathetic Educators	Sep 11, 2025	1	FDP	Director HR Learning, Chitkara	CCP, CU, Punjab



Singh Chauhan					University, Punjab	
	Stress And Coping: An Experimental Session Using Mindfulness and Music Therapy	Nov 26, 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
	Chitkara Exploration Program (CEP - 18)	Nov 29, 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr. Jaskiran Kaur	Taxonomies In Education-A Deep Dive into the Learning Domain (Session-Iii)	26 Dec 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
	Teaching With Insights: Psychological Tools for Empathetic Educators	Sep 11, 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
	FIP Guru Dakshta 2025, Session 2, Batch V	20 Dec 2025	1	FDP	Hon'ble VC, Chitkara University, Punjab	CCP, Cu, Punjab
Dr. Avneet Kour	Recent Techniques in Biotechnology & Biomedical Sciences"	6-12 May 2025	6	FDP	Galgotias University, Uttar Pradesh	Institution's Innovation Council (IIC), Galgotias University, Uttar Pradesh
	Innovation In Pharmacy Education & Application of AI: Enhancing Teaching Learning Practices	23-28 June 2025	5	FDP	ISF College Of Pharmacy	ISF College Of Pharmacy
	Next Generation Biomaterials: Clinical Translation Through Machine Learning at	18-23 Aug 2025.	5	FDP	University Institute of Engineering and Technology	Panjab University, Chandigarh
	Recent Advances in Biomaterials for Implants	15-20 Sep 2025.	5	FDP	Amity University Uttar Pradesh	Amity University Uttar Pradesh
Dr. Manju Nagpal	University Institute of Engineering and Technology	14 Aug 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU Punjab

	International Conference on Sustainability, Energy and Digital Transformation for Excellence in Education and Research (IC-SEDEX'2025)	19-20 Dec 2025	2	FDP	Accreditation And Quality Assurance Cell, Chitkara University, Punjab	CCP, CU Punjab
Dr. Rajan Swami	Innovative in Pharmacy Education and Application of AI: Enhancing Teaching Learning Practices	23-28 June 2025	6	FDP	ISF College of Pharmacy	ISF College of Pharmacy
Dr. Sarita Jangra	Integrative Approaches to Teaching, Innovation & Quality Enhancement	16-20 Dec 2025	5	FDP	Gateway College Of Pharmacy, Delhi-NCR Sonipat	Gateway College Of Pharmacy, Delhi-NCR Sonipat
Dr. Rajwinder Kaur	Advancing the Drug Discovery by Integrating In-Silico Structure and Ligand-Based Drug Design with Meta-Analysis for Robust Research Outcome	21-25 July 2025	5	FDP	Birla Institute of Technology Department of Pharmaceutical Sciences & Technology	Birla Institute of Technology Mesra, Ranchi
	Advancement in Precision Health: Innovations in Healthcare and Medical Technology	10-15 Nov 2025.	6	FDP	Jadavpur University	Jadavpur University
Dr. Rupinder Kaur	Use Of AI In Teaching Learning Processes	14 Aug 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
	Taxonomies In Education-A Deep Dive into the Learning Domain (Session-Iii)	26 Dec 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr Ravinder Singh	Use Of AI in Teaching Learning Processes	July 28, 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr Sandeep Kumar	Nep Orientation & Sensitization of the University Grants Commission (UGC) Organized By MMTTC, Tezpur University	7-16 July 2025	10	FDP	NEP Orientation & Sensitization	MMTTC, Tezpur University

Dr Poonam Negi	Transformative Teaching –Integrating NEP 2020 & Outcome Based Education	21-25 July 2025	5	FDP	Faculty of Pharmaceutical Sciences	ICFAI University, Himachal Pradesh
Dr. Neeraj Mittal	Smart Health Innovation: Integrating Imaging, Sensors and Biomaterials.	14-19 July 2025	6	FDP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, UP	Department of Biotechnology and Bioengineering, School of Biosciences and Technology, Galgotias University, UP
	Role of AI in Healthcare System	21-25 July 2025	5	FDP	School Of Pharmaceutical Sciences	MYN University
	Drug Design, Delivery & Development	11-15 Nov 2025	5	FDP	Department of Pharmacy and University of Cyberjaya, Malaysia, And Equipline Technologies Pvt. Ltd., Ghaziabad.	School Of Medical and Allied Sciences, Galgotias University
Dr. Diksha Choudhary	Guru Dakshta-Faculty Induction Programme	17 June to 15 Nov 2025	8	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr. Loveleen Kaur	Teaching With Insights (Session Iv)	09.10.2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr. Loveleen Kaur	Use of AI In Teaching Learning Process	14 Aug 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab
Dr. Diksha Choudhary	Stress and Coping: An Experiential Session Using Mindfulness and Music Therapy	26 Nov 2025	1	FDP	Director HR Learning, Chitkara University, Punjab	CCP, CU, Punjab

	Preparing Future Pharmacists: AI, Innovation and Industry-Ready Education	07 Sep 2025	1	FDP	Society Of Pharmaceutical Sciences and Research (SPSR)	SPSR, Jhansi, UP, India
	Sustainability, Energy and Digital Transformation for Educational & Research Excellence (IC-SEDEX'2025)	19-20 Dec 2025	2	FDP	Chitkara University Accreditation and Quality Assurance Cell	Chitkara University, Punjab.
Dr. Ashi Mannan	Guru Dakshta-Faculty Induction Programme	19 Oct 2024 to 5 July 2025	40 Hours	FDP	Director HR Learning, Chitkara University, Punjab	CCP, Cu, Punjab
	International FDP on Excellence in Pharmacy Education & Research	22-26 Sept 2025	5	FDP	Chitkara College of Pharmacy	Chitkara College of Pharmacy, Chitkara University, Punjab

## PRE-PLACEMENT SESSIONS

**Title:** Career Pathways in Clinical Research: A Session with Cliantha Research  
**Industry:** Pharmaceutical and Clinical Research  
**Organiser:** Chitkara College of Pharmacy, Chitkara University, in collaboration with Cliantha Research Ltd.  
**Venue:** Einstein Hall, Chitkara University  
**Dates:** 13<sup>th</sup> November 2025 (1:30 PM to 3:30 PM)

This expert talk featured key leaders from Cliantha Research Ltd., including Hardik Panchal (Head of Training), Dhiren Mirchandani (HR Leader), and Jay Soni (Business Developer & Trainer). The session was designed to provide students with professional insights into the clinical research industry, focusing on operational roles, talent acquisition, and corporate training. The session aimed to bridge the gap between academia and industry by exposing students to real-world career opportunities, helping them understand the specific skills required by top clinical research organizations, and providing direct interaction with HR and training experts to enhance their employability.

The poster features the Chitkara University and Chitkara College of Pharmacy logos at the top. The title 'Expert Talk on Career Pathways in Clinical Research: A Session with Cliantha Research' is prominently displayed. Below the title, three speakers are introduced with their photos and titles: Hardik Panchal (Head of Training Department, Cliantha Research Ltd.), Dhiren Mirchandani (HR Leader Talent Acquisition, HR Operations, Cliantha Research Ltd.), and Jay Soni (Business Developer & Trainer, Cliantha Research Ltd.). The event details are listed at the bottom: 13th November, 2025, Einstein Hall, Chitkara University, from 1:30 PM to 3:30 PM. The poster also includes social media icons and a QR code.

**CHITKARA UNIVERSITY**

**CHITKARA College of PHARMACY**

**Expert Talk on**  
**Career Pathways in Clinical Research:**  
**A Session with Cliantha Research**

**KEY SPEAKERS**

**Hardik Panchal**  
Head of Training Department  
Clanthe Research Ltd.

**Dhiren Mirchandani**  
HR Leader Talent Acquisition  
HR Operations  
Clanthe Research Ltd.

**Jay Soni**  
Business Developer & Trainer  
Clanthe Research Ltd.

**13th November, 2025**  
**Einstein Hall**  
**Chitkara University**  
**1:30 PM to 3:30 PM**

**Guests & Chairmen**  
**Dr. Thakur Gurjeet Singh**  
Professor & Dean  
Chitkara College of Pharmacy  
Chitkara University





**Career Pathways in Clinical Research session by Cliantha Research team**



**Title:** A Session on Pharma Future: Vigilance- Regulatory- Clinical Research Summit

**Industry:** Pharmaceutical & Life Sciences

**Organizer:** Chitkara College of Pharmacy, Chitkara University, Punjab

**Venue:** Carnegie Hall, Chitkara University, Punjab

**Dates:** 17<sup>th</sup> November 2025 (10:00 am -12:00 pm)

The summit featured a panel of global industry leaders from companies such as Teva Pharmaceuticals, Haleon, and Organon to discuss the future of drug safety, regulatory standards, and R&D procurement. The session specifically targeted and saw active participation from M. Pharm and MSc Pharmacovigilance students. The participants gained high-level technical insights into global health economics, data strategy, and AI risk management. The event successfully bridged the gap between their specialized academic curriculum and the evolving demands of the global pharmaceutical regulatory landscape.



**Professionals from different Pharmacovigilance industries**

**Title:** Industry Expectations from Young Pharma Professionals: Skills, Mindset & Growth Pathways

**Industry Partner:** Novartis

**Organiser:** Chitkara College of Pharmacy, Chitkara University

**Venue:** Henry Ford, Martin Luther, Chitkara University, Punjab

**Dates:** 21<sup>st</sup> November 2025, (from 10:00 AM onwards)

This session featured Jagjit Singh, Head of Capability Learning Solutions at Novartis, as the resource person. The talk focused on educating aspiring pharmacy and pharm D professionals about the critical skills and mentalities required to succeed in the modern pharmaceutical landscape. Participants gained valuable insights into the corporate world of Novartis and the broader industry, helping them identify essential growth pathways and align their professional mindset with current industry standards.



**Sessions on Industry Expectations from Young Pharma Professionals by experts from Novartis**

## PLACEMENT DATA 2025

S. No.	Student Name	Gender	Placement organization	Salary
1	Aastha Gulati	Female	Psychocare	3 LPA
2	Abhinav Singla	Male	GSK	4.5 LPA
3	Anshul Malik	Male	PQE	4.20 LPA
4	Ayush Singh	Male	Sun Pharma (HP)	1.68 LPA
5	Ayush Tomar	Male	GSK	4.5 LPA
6	Bhawanpreet Singh	Male	Glenmark	3.8 LPA
7	Brajesh Raj	Male	Sun Pharma (HP)	1.68 LPA
8	Chandan Batish	Male	GSK	4.5 LPA
9	Chandan Batish	Male	GSK	4.5 LPA
10	Divanshu Bansal	Male	Alkem	2.4 LPA
11	Ishika	Female	MIT	2.16 LPA
12	Ishpreet	Female	MIT	2.16 LPA
13	Mayank Yadav	Male	Glenmark	3.8 LPA
14	Mehak	Female	Glenmark	3.8 LPA
15	Neha Sharma	Female	Roots Analysis	5 LPA
16	Pradip Kumar Maity	Male	Alkem	2.4 LPA
17	Rakhee Adak	Female	Sun Pharma (PB)	1.68 LPA
18	Sakshi Rajput	Female	Alkem	2.4 LPA
19	Shalini	Female	Psychocare	3 LPA
20	Tushar	Male	GSK	4.5 LPA
21	Vara Bhardwaj	Female	VNG Medical	3 LPA





## INDUSTRIAL VISITS

### **Valance Labs Private Limited, Jansui, Rajpura (Punjab)**

An industrial visit was organized by the Chitkara College of Pharmacy, Chitkara University, Punjab, for the 5<sup>th</sup> Semester B. Pharmacy students on 31<sup>st</sup> October 2025 to Valance Labs Private Limited, Jansui, Rajpura (Punjab). The visit was conducted in the morning session, and a total of 44 students participated in this academic activity. The visit was coordinated and supervised by Dr. Ujjwal Kaushik, Associate Professor, and Dr. Deepinder Singh, Associate Professor, who accompanied the students throughout the visit.

During the visit, students were given an overview of various sections of the industry, including R&D, Quality control, Raw material/finished product warehouse, API section, Scaleup Section, Quality control/Quality Assurance department, Water treatment plant, Effluent treatment plant. The students gained hands-on exposure to how theoretical knowledge is implemented in real-time industrial environments, which enhanced their understanding of Good Manufacturing Practices (GMP) and industrial workflow. The visit was highly beneficial for bridging the gap between classroom learning and industrial application.



**Visit to Valance Labs Private Limited, Jansui, Rajpura (5<sup>th</sup> Sem; 31<sup>st</sup> October 2025)**



<b>Hospital Visited -</b>	Gian Sagar, Jhasla, Rajpura (Punjab)
<b>Class –</b>	B. Pharm 7 <sup>th</sup> Sem
<b>Date of visit -</b>	3 <sup>rd</sup> November 2025
<b>Organizer -</b>	Chitkara College of Pharmacy, Chitkara University, Punjab.

A Hospital visit was organized by the Chitkara College of Pharmacy, Chitkara University, Punjab, for the 7<sup>th</sup> Semester B. Pharmacy students on 3<sup>rd</sup> November 2025 to Gian Sagar Hospital, Jhasla, Rajpura (Punjab). The visit was conducted in the morning session, and a total of 74 students participated in this academic activity. The visit was coordinated and supervised by Dr. Deepinder Singh, Associate Professor, Dr. Amit Kumar, Associate Professor and Mr. Ravi Goyal, who accompanied the students throughout the visit.

During the visit, students were taken through various departments and sections of the hospital, including the Outpatient Department (OPD), Gynaecology, Ear, Nose and Throat (ENT), Pharmacy, Intensive Care Unit (ICU), and General Medicine sections. The hospital staff and doctors explained the functioning, layout, and coordination among departments, emphasizing patient management, record keeping, and the role of pharmacists in hospital-based healthcare systems.

The students gained valuable exposure to the real-world functioning of hospital setups, including the dispensing of medicines, prescription handling, patient counselling, and clinical pharmacy practices. They also observed how pharmacists collaborate with physicians and nurses to ensure rational drug use and patient safety. This visit provided the students with a practical understanding of hospital pharmacy operations, interdisciplinary teamwork, and healthcare service delivery.



**Gian Sagar Hospital visit of B. Pharm 7<sup>th</sup> Sem on 3<sup>rd</sup> November 202**



### FDA APPROVED DRUGS (JAN-JUNE 2025)

S. No.	Name of Drug	API (Active Pharmaceutical Ingredient)	Date of Approval	Manufacturing / Marketing Company	Therapeutic Use
1	Aqvesme	Mitapivat	23-Dec-2025	Agios Pharmaceuticals	Anemia in adults with alpha- or beta-thalassemia
2	Cardamyst	Etripamil	12-Dec-2025	Milestone Pharmaceuticals	Conversion of paroxysmal supraventricular tachycardia (PSVT)
3	Dawnzera	Donidalorsen	21-Aug-2025	Ionis Pharmaceuticals	Prevention of Hereditary Angioedema (HAE) attacks
4	Ekterly	Sebetralstat	03-Jul-2025	KalVista Pharmaceuticals	On-demand treatment for Hereditary Angioedema attacks
5	Exdensur	Depemokimab- ulaa	16-Dec-2025	GSK (GlaxoSmithKline)	Severe eosinophilic asthma (long-acting biologic)
6	Hernexeos	Zongertinib	08-Aug-2025	Boehringer Ingelheim	HER2-mutated non-small cell lung cancer (NSCLC)
7	Inluriyo	Imlunestrant	25-Sep-2025	Eli Lilly	ER+, HER2- advanced or metastatic breast cancer
8	Keytruda Qlex	Pembrolizumab & Hyaluronidase	19-Sep-2025	Merck	Subcutaneous formulation for various solid tumors
9	Kygevvi	Doxecitine and Doxribtimine	03-Nov-2025	UCB S.A.	Thymidine kinase 2 deficiency (TK2d)
10	Lerochol	Lerodalcibep- liga	12-Dec-2025	LIB Therapeutics	High cholesterol (Hypercholesterolemia)
11	Lynkuet	Elinzanetant	24-Oct-2025	Bayer	Vasomotor symptoms (hot flashes) due to menopause
12	Myqorzo	Aficamten	19-Dec-2025	Cytokinetics	Symptomatic obstructive hypertrophic cardiomyopathy

13	Nereus	Tradipitant	30-Dec-2025	Vanda Pharmaceuticals	Prevention of vomiting from motion sickness
14	Nuzolvece	Zoliflodacin	12-Dec-2025	Entasis Therapeutics	Uncomplicated urogenital gonorrhea
15	Redemplo	Plozasiran	18-Nov-2025	Arrowhead Pharmaceuticals	Familial chylomicronemia syndrome
16	Revuforj	Revumenib	24-Oct-2025	Syndax Pharmaceuticals	Relapsed or refractory Acute Myeloid Leukemia (AML)
17	Rybrevant Faspro	Amivantamab & Hyaluronidase-lpuj	18-Dec-2025	Janssen (J&J)	Subcutaneous treatment for EGFR-mutated NSCLC
18	Voyxact	Sibeprenlimab-szsi	25-Nov-2025	Otsuka Pharmaceutical	Primary Immunoglobulin A (IgA) nephropathy
19	Waskyra	Etuvetidigene autotemcel	10-Dec-2025	Orchard Therapeutics	Gene therapy for Wiskott-Aldrich Syndrome
20	Yartemlea	Narsoplimab-wuug	24-Dec-2025	Omeros Corporation	Stem cell transplant-associated TMA

## RANKINGS



### SHINES BRIGHT AMONG THE TOP 2% SCIENTISTS ACROSS THE GLOBE!



Dr. Thakur Gurjeet  
Singh



Dr. Inderbir Singh



Dr. Amarjot Kaur



Dr. Poonam Negi



Dr. Somdutt Mujwar



Dr. Heena Khan



Dr. Manjinder Singh



Dr. Hitesh Chopra



Dr. Gaurav Gupta



Dr. Rajwinder Kaur



Dr. Ankit Awasthi



Dr. Vivek Kumar  
Sharma



Dr. Sukriti



Dr. Pooja Mittal



Dr. Mohit Kumar

**CHITKARA**  
UNIVERSITY



Ranked

**10**<sup>th</sup>

in Pharmacy



# SUSTAINABLE DEVELOPMENT GOALS



# Thank You





**CHITKARA**  
UNIVERSITY



**University Campus**

**CHITKARA UNIVERSITY, PUNJAB**

Chandigarh-Patiala National Highway (NH-7)

Punjab - 140 401, India