



CHITKARA
COLLEGE OF
PHARMACY



BI-ANNUAL REPORT JUL-DEC 2022

**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.



Chief Editor



DR. THAKUR GURJEET SINGH
Dean

Editors



DR. PARANJEET KAUR

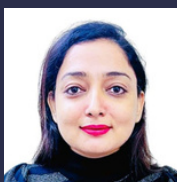


DR. NEERAJ MITTAL

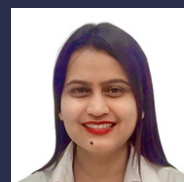


DR. DEEPINDER SINGH

Co-Curricular Activities



DR. SONIA DHIMAN



DR. PRAGATI SILAKARI

Extra-Curricular Activities



DR. RAJWINDER KAUR



DR. AMRINDER SINGH

Academic Compilation



DR. RAJWINDER KAUR



DR. AMARJOT KAUR



DR. MANJINDER SINGH

Sports Activities



MR. NASIM SAHIN

Chairs Data



DR. BALRAJ SAINI



MR. TUSHAR GARG

Being a member of CCP is not just a privilege; it is a profound honor that fills me with immense pride. Each day I spend at CCP is a unique experience that enriches my life in ways I never imagined. I am truly grateful for the unwavering support and guidance I have received from my parents and teachers throughout this journey.

The inspiration I draw from my instructors and dedicated staff is invaluable. Their encouragement has not only motivated me but has also profoundly shaped my aspirations and ambitions. I owe a great deal to CCP for believing in my potential and providing me with the platform to showcase my abilities.

My time at the college has transformed my perspective and clarified my future goals. The guidance and inspiration I have found here have been instrumental in helping me pursue my objectives with confidence. I eagerly anticipate the day when my accomplishments will be associated with the esteemed name of CCP—a place that has played a pivotal role in my personal and academic growth.

TABLE OF CONTENT

CONTENT	PAGE NO.
ACTIVITIES	06-15
NSS ACTIVITIES	16-20
CULTURAL ACTIVITIES	21-25
STUDENT ACHIEVEMENTS	26-29
FACULTY AWARDS/ACHIEVEMENTS	30-32
PATENTS FILED	33-38
PATENTS PUBLISHED	39-43
PATENTS GRANTED	44-46
INDUSTRIAL VISITS	47-52
STARTUPS	53-63
PRE-PLACEMENT SESSIONS	64-67
INTERNATIONAL VISITS	68-69
CONFERENCES/ WORKSHOPS/SEMINARS ATTENDED BY FACULTY	70-75
PUBLICATIONS	76-101
RECENT FDA APPROVED DRUGS	102
CCP JOURNAL	103-110
SUSTAINABLE DEVELOPMENT GOALS	111

ACTIVITIES

INDEPENDENCE DAY: The event was organized on 15-Aug-2022, 37 students participated for the same. The participants were invited to submit their pictures on the theme "HAR GHAR TIRANGA" and from the same, winners were selected and facilitated for encouraging the national patriotism in the students.

TEACHER'S DAY (1-Sept-2022): The event was organised for faculty members of Chitkara College of Pharmacy, fun games and Ramp walk was conducted along with cultural performances by the students side, and the event lead up with cake cutting ceremony.

KARWA CHAUTH (12-13-Oct-2022): Under the Theme "Skill Pratibha" paid mehndi stalls were organised. The costs for application of mehndi was pre-decided, the stall owners managed different methods for customer attraction. The main motive was to generate the quality of entrepreneurship among the students. The event was open for whole Chitkara University, Punjab.



ACTIVITIES

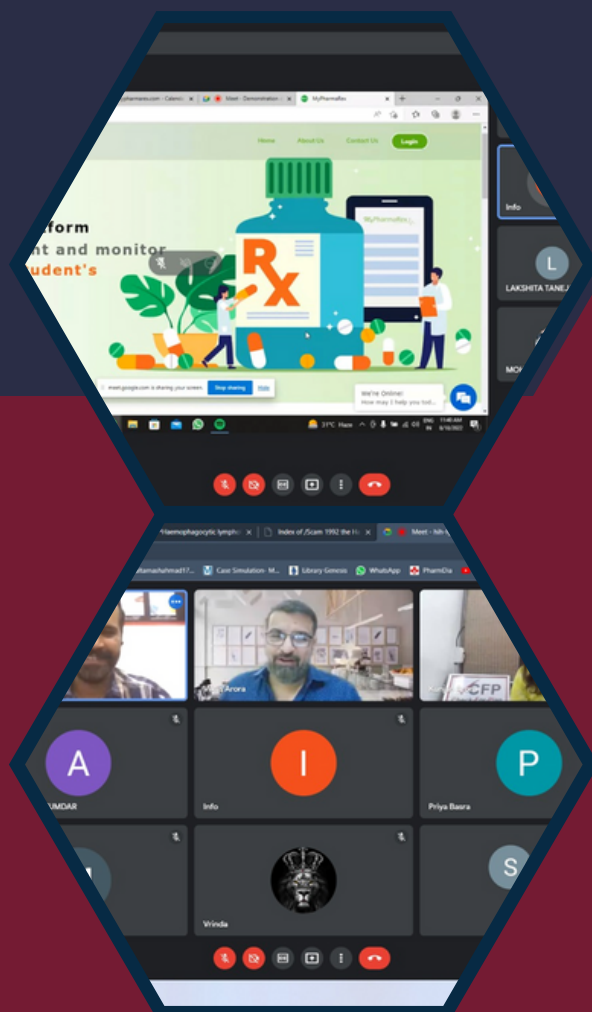
DIWALI CELEBRATION (20-Oct-2022): The department witnessed hearty bonding by celebrating Diwali under the theme “Sparkle of Unity”. The competition was to judge the best decorated floor of the department and for the same under the guidance of the faculty Coordinators, every nick and corner was decorated with the indulgent of the students. The traditional rituals of worship were performed, rangolis were made, hand painted diyas were used in addition to glittering lights.



ACTIVITIES

NATIONAL PHARMACY WEEK (20-21 Dec 2022): several events were conducted under National Pharmacy Week 2022 under the theme “Pharmacy of the WorldIndia” such as Technovation, Epic Negotiators, Escastic Vision, Nukkad Natak, Garnish summit, and lead up by Christmas Celebration i.e. Deck the Halls event.

A workshop on **‘Demonstration of My Pharma Rex: An innovative tool to record Pharma Activities’** was conducted by Chitkara College of Pharmacy, Chitkara University, Punjab in collaboration with Institution’s Innovation Council, Chitkara University, Punjab and Punjab State Council for Science & Technology, Chandigarh. On 18th August, 2022, Ms Kunjan Arora, My Pharma Rex, New Delhi was the speaker for the session. The session was conducted for the students of Pharm D. Students were guided for the pharmarex application with all the domains while taking patient records from hospitals. The App will assist the faculty for centralised patient record data by keeping eye on student’s individual performance in hospital settings. The response by the pharma students was productive and the session was very interesting and valuable.



ACTIVITIES

The 5 Day International Workshop on 'Novel Intervention Strategies for Antibiotic Resistance: Its Implications on Global Health' was organized by Chitkara College of Pharmacy on 29th August 2022- 2nd September 2022 in collaboration with Erasmus+, European Union, Chitkara School of Health Sciences and CURIN, Chitkara University. The workshop included 8 technical sessions by international speakers, group discussion, faculty interaction and facility visit. The workshop included 100 participants with Pharm D and M Pharmacy background. The focus of the event remained to generate ways to decrease antibiotic resistance and to find the methods to make the community aware about the implications of indiscriminate use of the antibiotics.

The poster features a dark blue background with a white grid pattern. At the top, logos for Chitkara University, Institution's Innovation Council, ISPOR, LSSDC, Erasmus+, CURIN, and the United Nations Sustainable Development Goals are displayed. The title is written in green and white text. Below the title, the venue 'Einstein Hall' is listed in green. The dates '29th August- 2nd September 2022' and time '9:30am-4:00pm' are shown next to a calendar icon. Two circular portraits of Prof. Paolo Rocco and Prof. Umberto M Musazzi are featured, with their names and affiliations (University of Milan, Italy) listed below. The bottom of the poster credits 'Chitkara College of Pharmacy' in green.

CHITKARA UNIVERSITY

INSTITUTION'S INNOVATION COUNCIL
(University of 1000 initiatives)

ISPOR
Improving healthcare decisions

LSSDC

Erasmus+

CURIN
Chitkara University Research & Innovation Network

5 Day International FDP cum Workshop on
Novel Intervention Strategies for
Antibiotic Resistance: Its Implications
Global Health

Venue: Einstein Hall

29th August- 2nd September 2022
9:30am-4:00pm

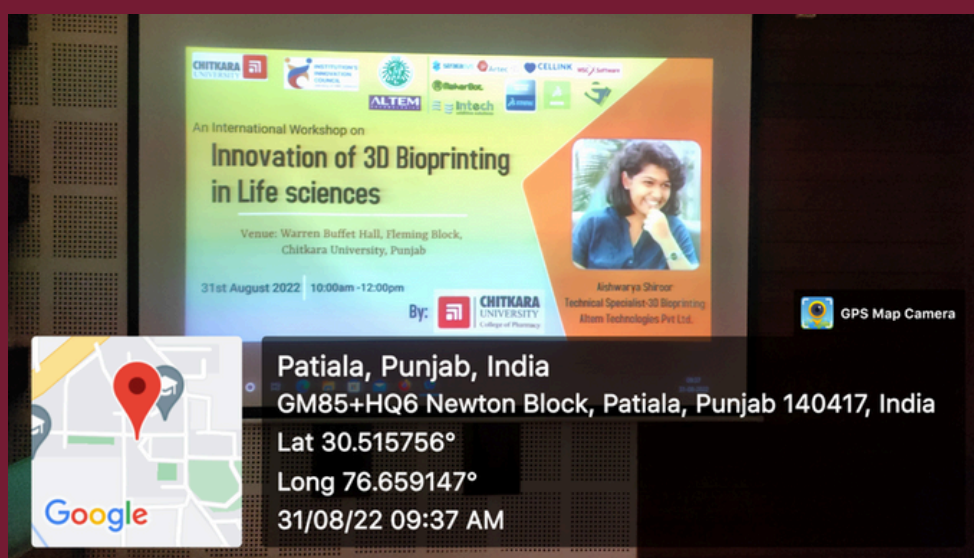
Prof. Paolo Rocco
University of Milan,
Italy

Prof. Umberto M Musazzi
University of Milan
Italy

By: Chitkara College of Pharmacy

ACTIVITIES

An **International workshop** on '**Innovation of 3D Bioprinting in Life sciences**' was conducted by Chitkara College of Pharmacy, Chitkara University, Punjab in collaboration with Altem Technology Pvt. Ltd and Institution's Innovation Council, Chitkara University, Punjab on 31st August, 2022. Ms. Aishwarya Shiroor, Medtech enthusiast, Biomedical Engineer, Bengaluru, Karnataka, India was the speaker for the session. The session was conducted for the Pharmacy Students (100) and faculty members (30). The demonstration of Bio-printers was given to students of Pharmacy, Life sciences along with their applications in Industry. The response by the pharma students was productive and the session was very interesting and valuable.



ACTIVITIES

A Five day International Conference on 'Advancements In Drug Regulatory Affairs: Pharmaceutical Industry-Academia Perspective (ADRA-2022)' was organized by Chitkara College of Pharmacy on 26th–30th September 2022 in collaboration with ISPOR, Biogenetic healthcare. The Conference included deliberations by two international speakers, eminent stalwarts from industry and academia. The conference included around 200 student participants with B. Pharmacy and M. Pharmacy background and 70 faculty members. The focus of the event remained to make the audiences aware of the guidance related to drug regulations and their approval processes followed across the globe.



ACTIVITIES

A seminar on '**Pharmacogenetics: Opportunities and Challenges for Health Innovation**' was organized by Chitkara College of Pharmacy on 31st October, 2022. The seminar included deliberations by Dr. Anupinder Thind, Assistant Professor, Department of Physiology, GMC, Patiala. The seminar included around 140 student participants with Pharmacy background and 10 faculty members. The focus of the event remained to make the audiences aware of the Pharmacogenetics its Opportunities and Challenges for Health Innovation. Speaker also explained the importance of Pharmacogenetics in various gynaecological disorders.



ACTIVITIES

A seminar on **‘Emergence of pharmacogenetics and its impact on pharmaceutical R&D’** was organized by Chitkara College of Pharmacy on 31st October, 2022. The seminar included deliberations by Dr. Shikha Gupta, Director IVF-ICSI center, Neelam Hospital, Rajpura. The seminar included around 140 student participants with Pharmacy background and 10 faculty members. The focus of the event remained to make the audiences aware of the Emergence of pharmacogenetics and its impact on pharmaceutical R&D as well as in various types of cancers.

A seminar on **‘Health Technology Adoption in Liver Disease: Innovative tools for Early Disease Detection’** was organized by Chitkara College of Pharmacy on 2nd November, 2022. The seminar included deliberations by Dr. Babu Lal Meena, Consultant, Gastroenterology & Hepatology, Neelam Hospital Rajpura. The seminar included around 140 student participants with Pharmacy background and 10 faculty members. The main focus of the event is to aware the pharmacy students and faculty members about the Innovative tools for Early Disease Detection of Liver Disease with advancements.

A seminar on **‘Innovative Tools for the diagnosis of Ascites of Unknown Origin’** was organized by Chitkara College of Pharmacy on 3rd November, 2022. The seminar included deliberations by Dr. Sunil Pawar, Assistant Professor, GMC Patiala. The seminar included around 130 student participants with Pharmacy background and 10 faculty members. The focus of the event remained to make the audiences aware about the Innovative tools for the diagnosis of Ascites of unknown origin. Speaker also explained the importance of some advanced techniques for proper diagnosis.

An International seminar on **‘Emerging Trends and innovations in Drug delivery & research’** on was organized by Chitkara College of Pharmacy on 11th November, 2022. The seminar included deliberations by Prof. Yahya E Choonara, University of Witwatersrand, South Africa. The seminar included around 120 student participants with Pharmacy background and 30 faculty members. The focus of the event remained to make the audiences aware about the emerging trends and innovations in drug delivery & research. Speaker also explained the importance of some advanced techniques like nanotherapeutics approaches for proper diagnosis & treatment.

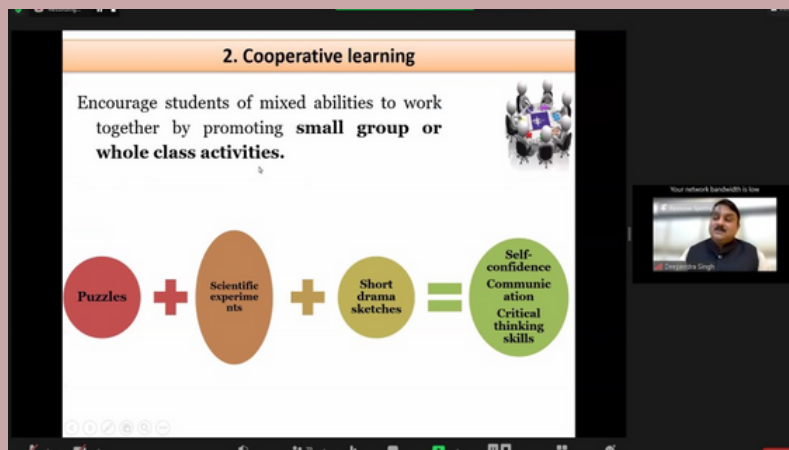
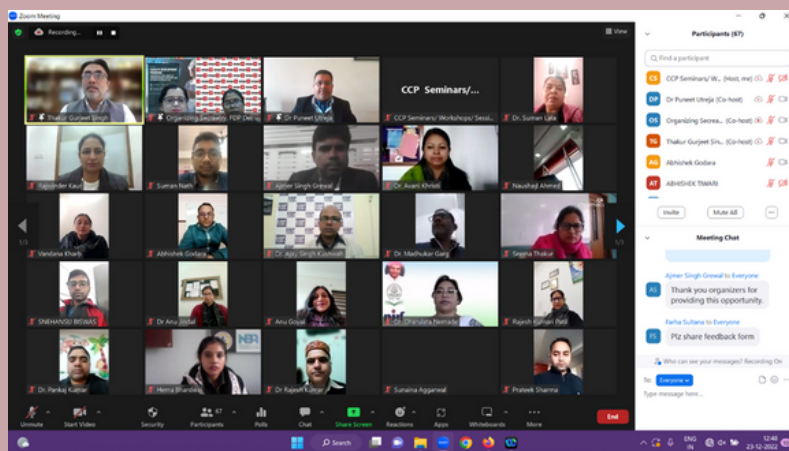
ACTIVITIES

2 Day International **Faculty Development Program on 'Pharmaceutical Research & It's Outcomes'** was organized by Chitkara College of Pharmacy, Chitkara University, Punjab from 11th-12th November, 2022. The FDP included deliberations by Prof. Yahya E Choonara, University of Witwatersrand, South Africa. The FDP included around 36 faculty members of CCP. The focus of the event was on the effective treatment that improves CNS functions and provide temporary symptomatic relief, but do not stop or delay the disease progression. Brain drug targeting by nanomedicines is a promising approach to improve brain targeting specificity, brain bioavailability and patient compliance. The newer therapeutic strategies like Nanopharmaceutical formulations and their implementations gives better prospect to understanding the treatment and chronic management of debilitating NDs. The fundamentals of Polymeric Science and Nanotechnology with Clinical Neuroscience to design and synthesize metamorphic scaffold-like implantable devices that would penetrate the Blood-Brain Barrier and feed drugs into brain tissue over a prolonged period of time for the effective treatment of NDs were also discussed with the audience. Speaker also explained the importance of some advanced techniques like nanotherapeutics approaches for proper diagnosis & treatment of neurodegenerative disorders.



ACTIVITIES

The **5 Days virtual faculty development program** organized by Chitkara college of Pharmacy, on **“Pedagogical Challenges in Pharmaceutical Education and Research in Digital Age”** marked its successful completion from 19th December, 2022 till 23rd December, 2022. The FDP successfully realized its aim to improve and scale up the research skills and teaching aptitude of the faculty members for enhancement of their practical knowledge on pharmaceutical sciences by a series of lectures delivered by eminent academicians and researchers from various domains of Pharmacy. The FDP included 44 internal and 290 external Faculties/ Scholars/ Members from Industries or Professional Bodies.





NSS ACTIVITIES



NSS ACTIVITIES

S. No.	Name of the Event	Date	No. of students participated	No. of teachers participated	Organized by
1	Van Mahotsav Week: Radio Talk	7th July 2022	1	-	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
2	Training on Life Skills	3rd-6th Aug 2022	2	-	Rajiv Gandhi National Institute of Youth Development, Regional Centre, Chandigarh
3	World Alzheimer's Day 2022	21st Sept 2022	39	3	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
4	International Day of Older People 2022	1st Oct 2022	10	5	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
5	Special Water Sports Course	7th-16th Oct 2022	1	-	Regional Water Sports Training Centre, Kangra
6	Swatch Bharat Mission, 2022; Cleanliness Drive at School	15th Oct 2022	27	5	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
7	World Handwashing Day, 2022	15th Oct 2022	27	5	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab

NSS ACTIVITIES

S. No.	Name of the Event	Date	No. of students participated	No. of teachers participated	Organized by
8	World Student's Day, 2022	15th Oct 2022	27	5	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
9	World Food Day, 2022	16th Oct 2022	27	5	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
10	Swatch Bharat Mission 2022; Awareness Rally and Cleanliness Drive at Village Jhansla	19th Oct 2022	21	2	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
11	National Cancer Awareness Day	7th Nov 2022	2	-	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab
12	National Integration Camp	23rd-29th Nov 2022	2	-	Directorate of Higher Education Haryana at GDC Memorial College Bhiwani
13	Pre RD Camp	26th Nov-5th Dec 2022	1	-	Govt. of India at Lovely Professional University, Phagwara, Punjab
14	World AIDS Day	1st Dec 2022	2	1	Chitkara College of Pharmacy in collaboration with NSS, Chitkara University, Punjab







CHITKARA
COLLEGE OF
PHARMACY

CULTURAL ACTIVITIES

2022

CULTURAL ACTIVITIES

S. No.	Name of the Student	Award Name	Awarding Agency
1	Aastha (B. Pharmacy 3rd Semester)	First Position Har Ghar Tiranga Competition In Independence Day Event (15th August 2022)	Chitkara University, Punjab
2	Charanpreet (B. Pharmacy 5th Semester)	Second Position Har Ghar Tiranga Competition In Independence Day Event (15th August 2022)	Chitkara University, Punjab
3	Varinder (Pharm D 5th Year)	Third Position Har Ghar Tiranga Competition In Independence Day Event (15th August 2022)	Chitkara University, Punjab
4	Isha and Tanvi (B. Pharmacy 5th Semester)	First Position Skill Pratibha Competition In Karva Chauth Event (12th-13th Oct 2022)	Chitkara University, Punjab
5	Jasmine and Kajal (B. Pharmacy 5th Semester)	Second Position Skill Pratibha Competition In Karva Chauth Event (12th-13th Oct 2022)	Chitkara University, Punjab
6	Ashima and Lavisha	Third Position Skill Pratibha Competition In Karva Chauth Event (12th-13th Oct 2022)	Chitkara University, Punjab

CULTURAL ACTIVITIES

S. No.	Name of the Student	Award Name	Awarding Agency
7	Vaishnavi Goel (Pharm D 4th Year)	Third Position Solo dance classical competition In The Pharma Carnival'22 (30th Nov to 2nd Dec 2022)	M.M. College of Pharmacy, MMDU, Mullana, Ambala
8	Anshika Gulati (Pharm D 5th Year)	Second Position Herbal Photo Montage competition In The Pharma Carnival'22 (30th Nov to 2nd Dec 2022)	M.M. College of Pharmacy, MMDU, Mullana, Ambala
9	Ishika Garg and Divya Sharma (Pharm D 2nd Year)	Second Position Rangoli competition In The Pharma Carnival'22 (30th Nov to 2nd Dec 2022)	M.M. College of Pharmacy, MMDU, Mullana, Ambala
10	Janvi (Pharm D1st Year)	First Position Poster Making Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
11	Parisha (Pharm D 4th Year)	Second Position Poster Making Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
12	Pawanpreet Kaur (M. Pharmacy – Pharmacy Practice)	Third Position Poster Making Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab

CULTURAL ACTIVITIES

S. No.	Name of the Student	Award Name	Awarding Agency
13	Anmol and Harteg (B. Pharmacy 1st Year)	First Position Heckathon Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
14	Anandita and Aitmash (Pharm D 5th Year)	Second Position Heckathon Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
15	Aditi Yadav (B. Pharmacy 1st Year)	Third Position Heckathon Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
16	Shivangi (M. Pharmacy)	Second Position Epic Negotiators Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
17	Priya (Pharm D 5th Year) Pawanpreet (M. Pharmacy 2nd Year)	Third Position Epic Negotiators Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab
18	Ayush Nauriyal and group (M. Pharmacy 1st Year)	First Position Nukad Natak Competition In 61st National Pharmacy Week (20th Dec 2022)	Chitkara University, Punjab





CHITKARA
COLLEGE OF
PHARMACY

STUDENTS ACHIEVEMENTS 2022

STUDENTS SPORTS ACHIEVEMENTS

S. No.	Name of the Student	Award Name	Awarding Agency
1	Muskaan Sharma and her team (B. Pharmacy 4th year)	Gold Medal In Inter-university Basketball competition under Diwali Sports Fest (13th Oct 2022)	Chitkara University, Punjab
2	Priya Bhat and her team (M. Pharmacy 1st year)	Gold Medal In Inter-university Tug of War competition under Diwali Sports Fest (13th Oct 2022)	Chitkara University, Punjab
3	Guneet Savi and her team (B. Pharmacy 1st year)	Silver Medal In Inter-university Tug of War competition under Diwali Sports Fest (13th Oct 2022)	Chitkara University, Punjab
4	Harshit Arora (B. Pharmacy 4th year)	Silver Medal In state level Basketball competition under RANN NEETI (6th-8th Nov 2022)	IIT Mandi
5	Rahul Saini (B. Pharmacy 3rd year)	Silver Medal In state level Volleyball competition under RANN NEETI (6th-8th Nov 2022)	IIT Mandi
6	C. Zorinpuii (Pharm D 5th year)	Silver Medal In state level Athletic competition (100M) under RANN NEETI (6th-8th Nov 2022)	IIT Mandi

STUDENTS SPORTS ACHIEVEMENTS

S. No.	Name of the Student	Award Name	Awarding Agency
7	C. Zorinpuii (Pharm D 5th year)	Silver Medal In state level Athletic competition (200M) under RANN NEETI (6th-8th Nov 2022)	IIT Mandi
8	C. Zorinpuii (Pharm D 5th year)	Gold Medal In state level Athletic competition (100M Relay) under RANN NEETI (6th-8th Nov 2022)	IIT Mandi
9	Yashna Mehra (Pharm D 3rd Year)	Third Position Quiz Competition on World Alzheimer's Day (21st Sept 2022)	NSS in collaboration with Chitkara College of Pharmacy, Chitkara University, Punjab
10	Janak Raj Bansal (M. Pharmacy 3rd Semester)	Second Position E-poster Presentation In International Conference on Advancements in Drug Regulatory Affairs Pharmaceutical Industry- Academia (26th-30th Sept 2022)	Chitkara University, Punjab
11	Madhav Singla (B.Pharmacy 5th Semester)	First Prize Oral presentation during 3rd International conference of Pharmacy (ICP-2022) (9th -10th Nov 2022)	Lovely Professional University, Punjab, India
12	Smriti (B.Pharmacy 5th Semester)	First Prize Oral presentation during 3rd International conference of Pharmacy (ICP-2022) (9th -10th Nov 2022)	Lovely Professional University, Punjab, India





CHITKARA
COLLEGE OF
PHARMACY

TEACHERS AWARDS AND ACHIEVEMENTS

TEACHERS AWARDS AND ACHIEVEMENTS

S. No.	Name of Faculty	Date of Award	Name of the award or fellowship	Name of the Awarding Agency
1	Dr. Manish Kumar	1st July 2022	NIH Fellowship	NIH
2	Dr. Madhukar Garg	29-30th July 2022	Session Coordinator	International IASTAM Conclave 2022, Jamia Hamdard, New Delhi
3	Dr. Anju Goyal	29th August 2022	Certificate of Recognition	Conferenceseries Conferences and Editors of Journal of Nanomaterials & Molecular Nanotechnology
4	Dr. Sonia Dhiman	26-30th Sept 2022	Appreciation Certificate	Advancements in Drug Regulatory Affairs Pharmaceutical Industry-Academia Perspective
5	Dr. Teenu Sharma	26-30th Sept 2022	Appreciation Certificate	Advancements in Drug Regulatory Affairs Pharmaceutical Industry-Academia Perspective, Chitkara University, Punjab
6	Dr. Suman Baishnab	26-30th Sept 2022	Award of Appreciation	Advancements in Drug Regulatory Affairs Pharmaceutical Industry-Academia Perspective (ADRA 2023) Chitkara University, Punjab
7	Dr. Sonia Dhiman	8th Oct 2022	Young Scientist Award	ITS, Haridwar & IPGA State Branch Uttarakhand in association with School of Health Science, Quantum University, Roorkee

TEACHERS AWARDS AND ACHIEVEMENTS

8	Dr. Anju Goyal	8th Oct 2022	Resource Person	ITS, Haridwar & IPGA State Branch Uttarakhand in association with School of Health Science, Quantum University, Roorkee
9	Dr. Sushma Devi	22nd Oct 2022	Resource Person	ASHIAN PHOSPHATE INDIA PRIVATE LIMITED, Mohali
10	Dr. Anju Goyal	25-26th Nov 2022	Resource Person	Institute of Pharmaceutical Sciences (IPS, Bhaddal), IET Bhaddal Technical Campus, Ropar, Punjab
11	Dr. Sonia Dhiman	25-26th Nov 2022	Resource Person	Institute of Pharmaceutical Sciences (IPS, Bhaddal), IET Bhaddal Technical Campus, Ropar, Punjab
12	Dr. Reecha Madaan	25-26th Nov 2022	Resource Person	Institute of Pharmaceutical Sciences (IPS, Bhaddal), IET Bhaddal Technical Campus, Ropar, Punjab
13	Dr. Madhukar Garg	25-26th Nov 2022	Resource Person	Institute of Pharmaceutical Sciences (IPS, Bhaddal), IET Bhaddal Technical Campus, Ropar, Punjab
14	Dr. Madhukar Garg	25-26th Nov 2022	Resource Person	Sharing Pharmaceutical Advance Research Knowledge" (SPARK 2022), Guru Gobind Sing College of Pharmacy, Yamunanagar, Haryana
15	Dr. Sushma Devi	29th Nov 2022	Resource Person	Shriram College of Pharmacy, Affiliated with Pt.BD Sharma University, Rohtak



PATENTS FILED

PATENTS FILED

S No.	Title	Inventor	Filing Date	Application No	Patent Utility/ Design
1	METHOD FOR PREPARING CO-CRYSTALS OF CARBAMEZEPINE FOR SOLUBILITY ENHANCEMENT	INDERBIR SINGH, SUKHANPREET KAUR, RITU RATHI	05-07-2022	202211038658	UTILITY
2	A COMPOSITION FOR PHARMACOLOGICAL POSTCONDITIONING OF CEREBRAL ISCHEMIA AND REPERFUSION-INDUCED INJURY COMPRISING 3-CYCLOPENTYLOXY-N-(3,5-DICHLOROPYRIDIN-4-YL)-4-METHOXYBENZAMIDE	THAKUR GURJEET SINGH, AMARJOT KAUR, ARVIND SHARMA, HEENA KHAN	05-07-2022	202211038655	UTILITY
3	FOLDABLE LIBRARY BOOK RACK	MAMTA RANI, RICHI SACHDEVA	25-07-2022	368263-001	DESIGN
4	A HERBAL COMPOSITION FOR RELIEVING SYMPTOMS OF ALCOHOL-INDUCED HANGOVER AND A METHOD FOR PREPARING THE SAME	REECHA MADAAN, RAJNI BALA, SURESH KUMAR	09-08-2022	202211045503	UTILITY
5	DUAL DRUG-LOADED DOUBLE EMULSION FORMULATION AND A METHOD FOR PREPARING THE SAME	ARUN KUMAR	16-08-2022	202211046498	UTILITY
6	to NEWSPAPER READING STAND,	MAMTA RANI	18-08-2022	369381-001	DESIGN

PATENTS FILED

S No.	Title	Inventor	Filing Date	Application No	Patent Utility/ Design
7	MULTI-FUNCTIONAL CHEMICAL CATALYZER	THAKUR GURJEET SINGH, RAJWINDER KAUR, NIDHI RANI, VARINDER SINGH, MD ALTAMASH AHMAD, CHANPREET SINGH	30-08-2022	370123-001	DESIGN
8	PYRAZOLO-BENZOTHAZOLE COMPOUNDS FOR MANAGEMENT OF ALZHEIMER'S DISEASE AND METHOD OF THEIR SYNTHESIS	ANJU GOYAL, HARISH KUMAR	16-09-2022	202211053077	UTILITY
9	ANTIDEPRESSANT LOADED BIO-NANOSUSPENSION BASED FORMULATION TO TARGET BRIAN VIA EXTERNAL ACOUSTIC MEATUS DELIVERY	Pooja Mittal, Ramit Kapoor, Dileep Kumar, Samrat Chauhan, Somdutt Mujwar, Thakur Gurjeet Singh, Sanjana Mehta	06-10-2022	202211057278	UTILITY
10	COLLAPSIBLE BUCKET CUM CHAIR	DEEPINDER SINGH MALIK, DEEPIKA RAINA, NAVDEEP KAUR	27-10-2022	373132-001	DESIGN
11	FOLDABLE HIKING WASHROOM WITH CHAIR (SET)	DEEPINDER SINGH MALIK, DEEPIKA RAINA, NAVDEEP KAUR	27-10-2022	373133-001	DESIGN
12	PORTABLE WASHROOM	DEEPINDER SINGH MALIK, DEEPIKA RAINA, NAVDEEP KAUR	27-10-2022	373134-001	DESIGN

PATENTS FILED

S No.	Title	Inventor	Filing Date	Application No	Patent Utility/ Design
13	ROTATING PLATFORMS PARADOXICAL SLEEP DEPRIVATION APPARATUS	THAKUR GURJEET SINGH, SONIA DHIMAN, ONKAR BEDI	27-10-2022	373135-001	DESIGN
14	ONION WASTE EXTRACT-DERIVED ANTIUROLITHIC COMPOSITION	VARINDER SINGH, MANJINDER SINGH, DEEPINDER SINGH	31-10-2022	202211061801	UTILITY
15	A PHARMACEUTICAL COMPOSITION FOR TRAUMATIC BRAIN INJURY BY TARGETING NMDA RECEPTOR	THAKUR GURJEET SINGH, AMANJOT KAUR GREWAL	02-11-2022	202211062623	UTILITY
16	IN-SITU THERMOSENSITIVE MUCOADHESIVE NASAL GEL FOR THE DELIVERY OF OLANZAPINE	ARUN KUMAR, GARIMA	03-11-2022	202211062899	UTILITY
17	MULTIFARIOUS HERBAL SKIN CARE COMPOSITION WITH NATURAL AND SAFE INGREDIENTS	RAJNI BALA, REECHA MADAN	06-12-2022	202211070431	UTILITY
18	SOLID DISPERSION OF URSOLIC ACID AND METHOD OF MANUFACTURING THE SAME	POOJA MITTAL, SAMRAT CHAUHAN, SOMDUIT MUJWAR, THAKUR GURJEET SINGH	06-12-2022	202211070369	UTILITY

PATENTS FILED

S No.	Title	Inventor	Filing Date	Application No	Patent Utility/ Design
19	ETORICOXIB COMPLEX FAST DISSOLVING FILM	POOJA MITTAL, SOMDUTT MUJWAR, SAMRAT CHAUHAN, THAKUR GURJEET SINGH	06-12-2022	202211070370	UTILITY
20	FOSINOPRIL FAST DISSOLVING FILM	POOJA MITTAL, SOMDUTT MUJWAR, SAMRAT CHAUHAN, THAKUR GURJEET SINGH	06-12-2022	202211070371	UTILITY
21	TOPICAL MOUTH PAINT FORMULATION COMPRISING QUERCETIN AND LIGNOCAINE AND METHOD OF MANUFACTURING THE SAME	SAMRAT CHAUHAN, POOJA MITTAL, SOMDUTT MUJWAR, SANJANA MEHTA, THAKUR GURJEET SINGH.	31-12-2022	202211077624	UTILITY
22	MUCOADHESIVE GEL COMPOSITION OF ACACIA CATECHU AND LIDOCAINE HYDROCHLORIDE	SOMDUTT MUJWAR, SAMRAT CHAUHAN, POOJA MITTAL, SANJANA MEHTA, THAKUR GURJEET SINGH	31-12-2022	202211077622	UTILITY
23	SUBLINGUAL SPRAY COMPRISING RAMIPRIL AND RANOLAZINE AND METHOD OF MANUFACTURING THE SAME	GULSHEEN, SANDEEP ARORA, SUMIT SHARMA, SONALI BATRA, SHWETA MAAN, LAKSHITA TANEJA, THAKUR GURJEET SINGH	31-12-2022	202211077623	UTILITY
24	A TENSIO METER FOR MEASURING THE TENSILE STRENGTH OF A WOUND	SAMRAT CHAUHAN, RISHABH CHALOTRA, THAKUR GURJEET SINGH, RANDHIR SINGH	31-12-2022	202211077649	UTILITY

PATENTS FILED

S No.	Title	Inventor	Filing Date	Application No	Patent Utility/ Design
25	SEDIMENT EXTRACTOR	DEVANSHI MEHTA, SONIA DHIMAN, THAKUR GURJEET SINGH	31-12-2022	202211077651	UTILITY
26	ORAL COMPOSITION OF AMBROXOL IN TREATING ALZHEIMER'S DISEASE	DARSHPREET KAUR, AMARJOT KAUR GREWAL, VARINDER SINGH, THAKUR GURJEET SINGH	31-12-2022	202211077650	UTILITY
27	A COMPOSITION FOR AMELIORATING COGNITIVE IMPAIRMENT OF DEMENTIA COMPRISING RUFINAMIDE	DARSHPREET KAUR, AMARJOT KAUR GREWAL, VARINDER SINGH, THAKUR GURJEET SINGH	31-12-2022	202211077695	UTILITY
28	AN ORAL LIQUID FORMULATION OF HYDROALCOHOLIC EXTRACT OF LITCHI CHINENSIS LEAVES	SAMRAT CHAUHAN, RANDHIR SINGH, RISHABH CHALOTRA, MONIKA SAINI, THAKUR GURJEET SINGH, SOMDUTT MUJWAR, POOJA MITTAL	31-12-2022	202211077692	UTILITY
29	ORAL LIQUID COMPOSITION OF NEPETA CATARIA EXTRACT FOR DIABETIC NEUROPATHY INDUCED HYPERALGESIA	MANISH KUMAR, THAKUR GURJEET SINGH, MOHD AASIF AYOUB, NADEEM KHAN	31-12-2022	202211077693	UTILITY
30	A COMBINATION COMPOSITION FOR TREATMENT OF PARKINSON'S DISEASE (NOVEL FORMULATION OF PIRIBEDIL AND MUCUNA PRURIENS FOR PARKINSON'S DISEASE)	SONIA DHIMAN, THAKUR GURJEET SINGH	31-12-2022	202211077694	UTILITY



CHITKARA
COLLEGE OF
PHARMACY

PATENTS PUBLISHED

PATENTS PUBLISHED

S No.	Title	Inventor	Filing Date	Publication Date	Journal No.
1	OIL PULLING COMPOSITION FOR ORAL CARE	SURYAMANI, RAKESH K SINDHU, INDERBIR SINGH	202011056362	01-07-2022	26/2022
2	EDIBLE WRAPPING FILM COMPOSITION COMPRISING GELATIN AND LACTOBACILLUS PLANTARUM	INDERBIR SINGH, RAKESH K SINDHU, SUSHIL KALRA, SACHIN BHOGAL	202111000759	23-09-2022	38/2022
3	PHARMACEUTICAL COMPOSITION COMPRISING UBIQUITIN-PROTEASOME SYSTEM INHIBITOR FOR ATTENUATING SEIZURE DEVELOPMENT	THAKUR GURJEET SINGH, SHAREEN SINGH, SONIA DHIMAN	202111004317	23-09-2022	38/2022
4	COMPOSITION FOR MANAGEMENT OF EPILEPSY	THAKUR GURJEET SINGH, SHAREEN SINGH	202111009270	07-10-2022	40/2022
5	A PHARMACEUTICAL GEL FORMULATION FOR WOUND HEALING COMPRISING NANOLIPOSOMAL MIMOSA PUDICA	ARVIND SHARMA, RAKESH K SINDHU, THAKUR GURJEET SINGH, SANDEEP ARORA, SAURABH GUPTA, CHITANYA MVNL, MALIKA ARORA	202211001807	04-11-2022	44/2022
6	A MICROPARTICLES-BASED INHALABLE PHARMACEUTICAL COMPOSITION COMPRISING 5-[(1S)-1-(2,3-DIMETHYLPHENYL)ETHYL]-1H-IMIDAZOLE	SUKHBIR SINGH, SANDEEP ARORA, NEELAM SHARMA, TAPAN BEHL, PRITIMA, ISHRAT ZAHOR, SRIDEVI CHIGURUPATI	202211000480	04-11-2022	44/2022

PATENTS PUBLISHED

S No.	Title	Inventor	Filing Date	Publication Date	Journal No.
7	OLEIC ACID LIPOSOME-BASED TOPICAL COMPOSITION FOR HAIR CARE	ARVIND SHARMA, RAKESH K SINDHU, SHIVANI SAVANA, ANSURI GUHA, THAKUR GURJEET SINGH, SANDEEP ARORA, HARAPRIYA MOHAPATRA, SOURABH GUPTA	202211000231	04-11-2022	44/2022
8	COMPOSITIONS FOR MANAGEMENT OF EPILEPSY COMPRISING IMATINIB	THAKUR GURJEET SINGH, SHAREEN SINGH	202211003362	18-11-2022	46/2022
9	HERBAL COMPOSITION FOR DIABETIC NEUROPATHY	GURJEET SINGH THAKUR, SHREY KUMAR BHARGAVA, ASHI MANNAN, SHAREEN SINGH, MANJINDER SINGH, SAURABH GUPTA, ARVIND SHARMA	202211008744	25-11-2022	47/2022
10	METHOD FOR FORMATION OF A LIQUID FILM FOR REDUCING HEADACHE	DEEPIKA RAINA, SANDEEP ARORA, NASIM SAHIN, LOVLEEN KAUR	202211012449	25-11-2022	47/2022
11	DEVICE TO MASSAGE HEAD OF A WEARER	GAGANDEEP KAUR, PROMILA KUMARI, PARUL SOOD, LATA RANI, NITIN VERMA, KOMAL THAPA	202211013418	25-11-2022	47/2022
12	COMPOUNDS INHIBITING PROTEOLYTIC ENZYMES FOR ANTI-SARS-CORONAVIRUS (SARS-CoV-2)ACTIVITY	MANJINDER SINGH, PRATIBHA SHARMA, THAKUR GURJEET SINGH, VARINDER SINGH, MANINDER KAUR, SANDEEP ARORA	202211013566	25-11-2022	47/2022

PATENTS PUBLISHED

S No.	Title	Inventor	Filing Date	Publication Date	Journal No.
13	DEVICE FOR RESTRAINING MOUTH OF ANIMAL	ONKAR BEDI, SAKSHAM SHARMA, GAAMINEPREET SINGH, MANISH KUMAR, SANDEEP ARORA, PRATEEK SRIVASTAVA	202211020994	25-11-2022	47/2022
14	SKINCARE FORMULATION	RITU, YASHIKA GARG, SONIA	202211020995	02-12-2022	48/2022
15	A TOPICAL GEL FORMULATION COMPRISING MICROSPONGES OF BASIL OIL AND PROCESS OF PREPARATION THEREOF	RITU RATHI, MANJU NAGPAL, SANDEEP ARORA, VARINDER SINGH, THAKUR GURJEET SINGH	202211024801	09-12-2022	49/2022
16	A PHARMACEUTICAL NANOPARTICLES FORMULATION FOR MANAGEMENT OF DIABETIC NEPHROPATHY COMPRISING THUJA OCCIDENTALIS	SHREY KUMAR BHARGAVA, THAKUR GURJEET SINGH	202211028368	09-12-2022	49/2022
17	HERBAL FOOD PRESERVATIVE COMPOSITION	ANJU GOYAL, MADHUKAR GARG, SUMIT SHARMA, HIMANSHU SHARMA	202211029408	16-12-2022	50/2022
18	AN α -AMYLASE AND α -GLUCOSIDASE INHIBITING COMPOUND FOR MANAGEMENT OF DIABETES	MANJINDER SINGH, VARINDER SINGH, THAKUR GURJEET SINGH, SANDEEP ARORA, MANINDER KAUR	202211033588	23-12-2022	51/2022

PATENTS PUBLISHED

S No.	Title	Inventor	Filing Date	Publication Date	Journal No.
19	SUSTAINED RELEASE, POLYMERIC NANOPARTICLES ORAL FORMULATION FOR MANAGEMENT OF OSTEOPOROSIS AND METHOD OF ITS SYNTHESIS	MALKIET KAUR, MANJU NAGPAL, THAKUR GURJEET SINGH, AMARJOT KAUR GREWAL	202211035980	23-12-2022	51/2022
20	METHOD FOR PREPARING CO-CRYSTALS OF CARBAMEZEPINE FOR SOLUBILITY ENHANCEMENT	INDERBIR SINGH, SUKHANPREET KAUR, RITU RATHI	202211038658	23-12-2022	51/2022
21	A COMPOSITION FOR PHARMACOLOGICAL POSTCONDITIONING OF CEREBRAL ISCHEMIA AND REPERFUSION-INDUCED INJURY COMPRISING 3-CYCLOPENTYLOXY-N-(3,5-DICHLOROPYRIDIN-4-YL)- 4-METHOXYBENZAMIDE	THAKUR GURJEET SINGH, AMARJOT KAUR, ARVIND SHARMA, HEENA KHAN	202211038655	23-12-2022	51/2022
22	MULTIFARIOUS HERBAL SKIN CARE COMPOSITION WITH NATURAL AND SAFE INGREDIENTS	RAJNI BALA, REECHA MADAN	202211070431	30-12-2022	52/2022



PATENTS GRANTED

PATENTS GRANTED

S No.	Title	Inventor	Filing Date	Journal Number & Date	Granted Date	Design /Utility
1	NOVEL NITRIC OXIDE DERIVATIVE OF 4-GLUCOSAMINO QUINOLINE	ANJU GOYAL, MANSI ANAND, ANEESH KATOCH, SANDEEP ARORA	25-05-2019	201911020820	Patent Number – 400417 Granted on 29/06/2022	01-07-2022
2	AUTO CLAVABLE STAINLESS STEEL CHAMBER (SET)	DEEPINDER SINGH MALIK, VARINDER SINGH, NAVDEEP KAUR	22-07-2021	346569-001	Journal Number:28/2022 Journal Date:15/07/2022	15-07-2022
3	MULTI-UTILITY BABY CHAIR	DEEPINDER SINGH MALIK, NAVDEEP KAUR	12-08-2021	347847-001	Journal Number:29/2022 Journal Date:22/07/2022	22-07-2022
4	TRANSDERMAL PHARMACEUTICAL COMPOSITION OF DICLOFENAC	MANJU NAGPAL, BALRAJ SAINI, THAKUR GURJEET SINGH, GEETA AGGARWAL, SANDEEP ARORA, HARMAN BAKSHI	03-10-2019	201911040114	Patent Number – 402291 Granted on 28/07/2022	28-07-2022
5	COMPOSITION FOR AN ORAL DISPERSIBLE FILM COMPRISING ZINC SAL	RAJNI BALA, REECHA MADAN	07-04-2020	202011015294	Patent Number – 402401 Granted on 28/07/2022	28-07-2022
6	IN-VITRO MUCOADHESIONTEST APPARATUS	INDERBIR SINGH, VIVEK PURI, AMEYA SHARMA	03-07-2020	330720-001	Journal Number:50/2022 Journal Date:16/12/2022	16-12-2022
7	ADVANCED RODENT METABOLIC CAGE FOR URINE ANALYSIS	THAKUR GURJEET SINGH, GAAMINE PREET SINGH, ONKAR BEDI, SHAREEN SINGH, NITIN KUMAR SALUJA, GURJINDER SINGH, ASHWANI SINGH, ROUBLE GUPTA, VARINDER SINGH, RASHPINDER KAUR	25-11-2021	353689-001	Journal Number:50/2022 Journal Date:16/12/2022	16-12-2022
8	SMART RODENT CAGE	THAKUR GURJEET SINGH, GAAMINE PREET SINGH, AMIT KUMAR, ASHI MANNAN, NITIN KUMAR SALUJA, GURJINDER SINGH, ASHWANI SINGH, ROUBLE GUPTA, VARINDER SINGH, DEBARSHI GHOSH, JASMINDER SANDHU	25-11-2021	353688-001	Journal Number:52/2022 Journal Date:30/12/2022	12/30/2022

PATENTS GRANTED



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
विज्ञान एवं परीक्षण का अणुकार
CERTIFICATE OF REGISTRATION OF DESIGN

ORIGINAL

सूचिका नं. : 120067



निम्नलिखित सं. / Design No. :

तारीख / Date :

पारस्परिकता तारीख / Reciprocity Date :

देश / Country :

330720-001

03/07/2020

प्रमाणित किया जाता है कि निम्नलिखित डिजाइन में वर्णित निम्नलिखित **IN-VITRO MUCOADHESION TEST APPARATUS** निम्नलिखित है, का पंजीकरण, दिनांक 24-01-2021 में 1.Chitkara Innovation Incubator Foundation 2. Inderbir Singh 3.Vivek Puri 4.Ameiya Sharma के नाम में उपर्युक्त संस्था और तारीख में का किया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-01 in respect of the application of such design to **IN-VITRO MUCOADHESION TEST APPARATUS** in the name of 1.Chitkara Innovation Incubator Foundation 2. Inderbir Singh 3.Vivek Puri 4.Ameiya Sharma.

निम्नलिखित अधिनियम, 2000 तथा निम्नलिखित नियम, 2001 के उपबन्धन प्रमाणित के अनुसार है।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्देश की तिथि/Date of issue : 19/10/2022



सहसंचालक निदेशक और निदेशक
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (जो कि संस्था को किसी अन्य देश में बना या की जा सकती है) के अभाव में तैयार किया गया है। डिजाइन का पारस्परिकता परीक्षण के तारीख से दस वर्ष के लिए वैध होगा। डिजाइन, अधिनियम या नियम में परिवर्तन के अलावा, यदि कोई भी अधिनियम, अधिनियम के लिए नियम या संस्था द्वारा बनाया या उपलब्ध निहित सार्वजनिक अलावा डिजाइन में परिवर्तन या संस्था में दिए नहीं जा सकते हैं।
This reciprocity date is given which has been allowed and the name of the country (country in the design) will be valid for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of the years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

 INTELLECTUAL PROPERTY INDIA INVENTIONS PATENTS TRADE MARKS GEOGRAPHICAL INDICATIONS		 भारत सरकार GOVERNMENT OF INDIA पेटेंट ब्यूरो THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of The Patents Rules)		बफॉफ़ : 011148750 SL No. :	
					
पेटेंट नं. / Patent No.		402401			
अर्पण नं. / Application No.		202011015294			
माग्न करने की तारीख / Date of Filing		07/04/2020			
पेटिटर / Patentee		Chikara Innovation Incubator Foundation			
अप्रमाणित विचार बताते हैं कि पेटिटर को, अप्रमाणित आवेदन में परामर्शित COMPOSITION FOR AN ORAL DISPERSIBLE FILM COMPRISING ZINC SALT नामक आविष्कार के लिए, पेटेंट अर्जित करने, 1970 के उपरोक्त के अनुसार आज तक जून 2020 के तारखे तक के बीच की अवधि में लिए पेटेंट अर्जित किया गया है। It is hereby certified that a patent has been granted to the patentee for an invention entitled COMPOSITION FOR AN ORAL DISPERSIBLE FILM COMPRISING ZINC SALT as disclosed in the above mentioned application for the term of 20 years from the 7th day of April 2020 in accordance with the provisions of the Patents Act, 1970.					
 INTELLECTUAL PROPERTY INDIA INVENTIONS PATENTS TRADE MARKS GEOGRAPHICAL INDICATIONS					
					
जारी की तारीख Date of Grant		28/07/2022			
(Signature) Controller of Patent					
टिप्पणी : इस पत्र में उल्लेखित नं. पेट. की, की को संलग्न रहा गया है, जहाँ 2022 में जारी हो न और प्रत्येक वर्ष बीच में न पड़ें हो न हों। Note: The form for renewal of this patent, if it is to be maintained will fall / has fallen due on 7th day of April 2022 and on the same day in every year thereafter.					

		ORIGINAL
		No. 115512
भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE		
CERTIFICATE OF REGISTRATION OF DESIGN		
Design No.	346569-001	
Date	22/07/2021 12:41:41	
Reciprocity Date*		
Country		
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-02 in respect of the application of such design to AUTOCALVABLE, STAINLESS STEEL, CHAMBER (SET) in the name of LCHITKARA INNOVATION INCLUBATOR FOUNDATION, CO-100-101, SECTOR-6C, MADIYA MARG, CHANDIGARH-160009, INDIA, 2. DEEPPINDER SINGH MALIK, CHITKARA COLLEGE OF PHARMACY, CHITKARA UNIVERSITY, PUNJAB, INDIA, 3. VARENDER SINGH, CHITKARA COLLEGE OF PHARMACY, CHITKARA UNIVERSITY, PUNJAB, INDIA, 4. NAVNEEP KAUR, GURU NANAK GRIHA COLLEGE, LUDHIANA, PUNJAB, INDIA.		
in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.		
Controller General of Patents, Designs and Trade Marks  INTELLECTUAL PROPERTY INDIA TRADE MARKS GEOGRAPHICAL INDICATIONS		
*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may underlie the terms of the Act and Rules, be extended for a further period of ten years. This Certificate is not for use in legal proceedings or for obtaining registration abroad		
TAREEN KHURANA, KHURANA & KHURANA, ADVOCATES AND IP ATTORNEYS, E-13, UPSIDC, SITE-IV (BEHIND GRAND VENICE) KANNA ROAD, GREATER NOIDA 201308, NATIONAL CAPITAL REGION, INDIA		
Date of Issue 27/06/2022 12:58:35		



भारत गणराज्य
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

ORIGINAL

No. **115885**

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. **347847-001**

Date **12/08/2021 18:51:59**

Reciprocity State*

Country

**Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above (including the full) in respect of the application of such design to MULTI-UTILITY BABY CHAIR in the name of LICHITKARA INNOVATION INCUBATOR FOUNDATION, SCO 164-54, SECTOR -06, MATHA'S NAGRI, CHANDIGARH-160009, INDIA. S. DEFENSEN SINGH MALIA, CCE, CHITIKARA UNIVERSITY, PUNJAB, INDIA. S. NAVDEEP KAUR, DEPARTMENT OF FREIT SCIENCE, PUNJAB AGRICULTURE UNIVERSITY, LUHDIANA, PUNJAB, INDIA.*

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.



Controller General of Patents, Designs and Trade Marks

**The reciprocity date (if any) which has been allowed and the name of the country.
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.
This Certificate is not for use in legal proceedings or for obtaining registration elsewhere*

TARUN KHURANA,
KHURANA & KHURANA, ADVOCATES AND IP
ATTORNEYS, E-12, UPSIDE, STEELY, OMBUD
GRAND VENTURE, KANSA ROAD, GREATER NOIDA
201318, NATIONAL CAPITAL REGION, INDIA

DESIGN INDICATIONS

Date of Issue **12/07/2022 13:12:47**



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



GOVERNMENT OF INDIA

पेटेंट ब्यूरो
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 14 of The Patents Rules)

क्रमांक : 011147905
SL No :



पेटेंट नं. / Patent No.	400417
आवेदन नं. / Application No.	201911020820
पेटेंट करने की तारीख / Date of Filing	25/05/2019
पेटेंटी / Patentee	Chikara Innovation Incubator Foundation

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में वर्णित **NOVEL NITRIC OXIDE DERIVATIVE OF 4-GLUCOSAMINO QUINOLINE** नामक आविष्कार के लिए, पेटेंट जर्जियन, 1970 के उपबन्धों के अनुसार प्राप्त तारीख 2019 के पच्चीसवें दिन से बीस वर्षों की अवधि के लिए पेटेंट अंगुष्ठित किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **NOVEL NITRIC OXIDE DERIVATIVE OF 4-GLUCOSAMINO QUINOLINE** as disclosed in the above mentioned application for the term of 20 years from the 25th day of May 2019 in accordance with the provisions of the Patents Act, 1970.



INTELLECTUAL
PROPERTY INDIA

PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



अध्यापक की तारीख :
Date of Grant :

29/06/2022



Controller of Patents

नोट :- इस पेटेंट से संबंधित सभी विवाद, बीस वर्षों के अवधि के बाद, 2021 के पच्चीसवें दिन को और उसके पचास वर्षों के बाद और इस दिन के बाद।

Note :- The laws for renewal of this patent, if it is to be maintained will fall / has fallen due on 25th day of May 2021 and on the same day in every year thereafter



CHITKARA
COLLEGE OF
PHARMACY

INDUSTRIAL VISITS



INDUSTRIAL VISITS

Title: "Ind Swift limited Industrial visit"		
1	Type of Activity	Industrial visit
2	PROGRAM THEME (KEYWORDS)	To inculcate basics of industry oriented ethics and to make students aware of the industry protocols, manufacturing, packaging and storing units.
3	Duration of the activity	1 Day, (17-12-2022)
	Industry location	Ind Swift limited, Village Jawaharpur, Opposite haldiram restaurant, Derabasi
4	Description of the event – Swift is the fastest flying bird on earth. It is the philosophy behind the genesis of the name Ind-Swift Ltd. Incepted in 1986 when three visionaries the Mehtas, the Munjals and the Jains, all 1st generation entrepreneurs visualized the business. Even with limited resources, the vision was to develop a Pharma enterprise with its body spread internationally and soul rooted in ethics. Today with strong business acumen, apart from pharmaceutical business Ind-swift has also progressively forayed in diversification into multifarious fields viz Infrastructure, Printing, Packaging & Stationary, Education, and Media Publication with its every unit as an independent profit earning centre. Therefore Chitkara college of pharmacy, with support of Chitkara University organization has successfully planned an industrial visit and provided chance to Pharm. D 1 st year students to visit second largest drug manufactures in North India. It is indeed a proud moment for us today, to visit such an amazing industry which started as a small domestic company in 1986 and have transformed into a truly global organisation with its operations and product range in more than 50 countries.	
5	Start and End date of the event: 17-12-2022	

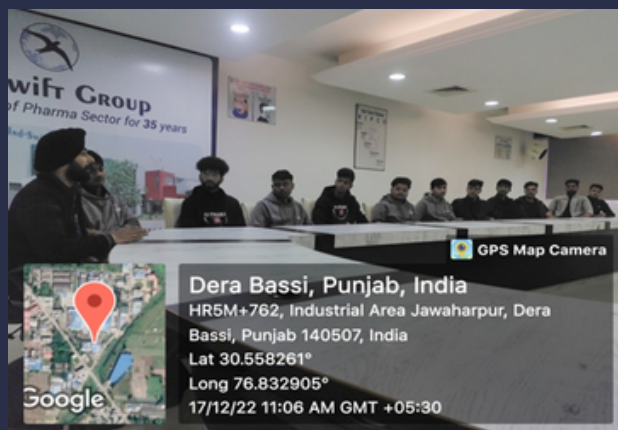


6 **Number of students participated: 23 students**

Sr.No	University Roll No.	Student name	Attendance
1	2250951001	ABHIKMOY MAHANTA	P
2	2250951002	AMRIT KAUR	P
3	2250951003	AMRIT KAUR SANGHA	A
4	2250951004	ANJALI SHARMA	P
5	2250951005	CHALLA PADMA PRIYA	A
6	2250951006	DIPTANU MAITY .	P
7	2250951007	HITESH GANDHI	P
8	2250951008	JANVI VERMA	P
9	2250951009	LAVYA	P
10	2250951010	MANSI KAPOOR	P
11	2250951011	MAYUKH BORKAKATI	P
12	2250951012	MOHAMMAD FARJAN MIR	P
13	2250951013	PRABIR MAITY	P
14	2250951014	RHYTHM PAUL	A
15	2250951015	RUDRAKSH KHURANA	P
16	2250951016	SANDHYA JHA	P
17	2250951017	SANKET BHUNIA	P
18	2250951019	SOUMARSHI DAS	A
19	2250951020	SUHRIT SINHA	A
20	2250951021	TANIRIKA TYAGI	
21	2250951022	UMAR FAROOQ MIR	A
22	2250951023	VAIDEHI TRIPATHI	P
23	2250951024	VYOM NAUTIYAL	A
24	2250951025	YASH RANA	P
25	2250951026	YASH SHARMA	P
26	2250951027	YATISH SHARMA	P
27	2250951028	ANSUMAN HAIT	P
28	2250951029	NAZIRA NAZIR	P
29	2250951030	KOSHIKA	P
30	2250951031	SUDI KSHA	P



INDUSTRY SITE PHOTOGRAPH





**SHIFALIKA, 6TH YEAR - PHARM D, STUDENT COMPLETED 6 MONTHS
CLINICAL TRAINING AT MAX SUPERSPECIALITY HOSPITAL, MOHALI.**



INDUSTRIAL VISIT TO MOREPEN LABORATORIES LIMITED PHARMACEUTICAL CAMPAIGN, BADDI, HIMACHAL PARDESH

Industrial visit to Morepen was conducted on 15 December, 2022. The students of M.Pharm 1st year were volunteered. It was quite knowledgeable experience where Morepen manufactured API, Medical devices etc. There was a warehouse where raw materials were stored separately. There was API manufacturing unit of atorvastatin calcium where it was prepared in large reactors of two types: - stainless steel and glass. There was recrystallized, centrifuged dried and milled. Students also explored analytics lab where drug manufactured were tested for impurities and certain limits of impurities were permissible above which the product was rejected. The rejected product was reprocessed and made pure. Storage of API was done very securely with different colored labels for different products. There was separate thermal plants as well.





CHITKARA
COLLEGE OF
PHARMACY

START UPS



QIVIFLOW

QIVIFLOW will be the leading provider of Pharmacovigilance data, specifically focusing on adverse drug reactions for the healthcare sector. Our goal is to establish smart connections that deliver innovative solutions and actionable insights to enhance human health while minimizing negative effects. We are dedicated to stimulating the reporting of adverse drug reactions (ADR) and medical feedback, in order to create a safer and healthier environment for everyone. Our cutting-edge technology and expert team work together to deliver the highest quality data and insights, allowing healthcare professionals to make informed decisions and ultimately improve patient outcomes.(www.qiviflow.com)

Mission: To become the leading pharmacovigilance and clinical research data providers..

Vision: To provide analytical data of healthcare sector and revolutionized the field of reporting.

Services: Right now we are providing services related to pharmacovigilance and clinical research specially focusing on collection of data related to pharmaceutical products like Adverse drug reactions and beneficial feedback that could help in reducing cost burden of the pharma companies(working as consultant , data provider to pharma companies). With our innovative ideas we are able to fill up the gap of under reporting of adverse drug reactions and beneficial feedback of pharmaceutical products.

Co-founders:

- 1.Harsh Sharma M.Sc PV &CR , B.sc(Microbiology)
- 2.Aman Gautam M.Sc PV &CR , B.Pharm
Business Executive- Alkem , Data Analyst-Pharmashots
3. Shivam Sharma M.Sc PV &CR , B.Pharm , Business executive- Intas Pharma

Members:

1. Aakash M.Sc. PV & CR , B. Pharm
2. Neeraj Angaria M.Sc. PV & CR , B.Sc. (Chemistry)
3. Varun Raina M.Sc. PV & CR, B. Pharm
4. Smriti Dhingra M.Sc. PV & CR , B.Pharm
5. Arpita Sharma M.Sc. PV & CR , B.Pharm

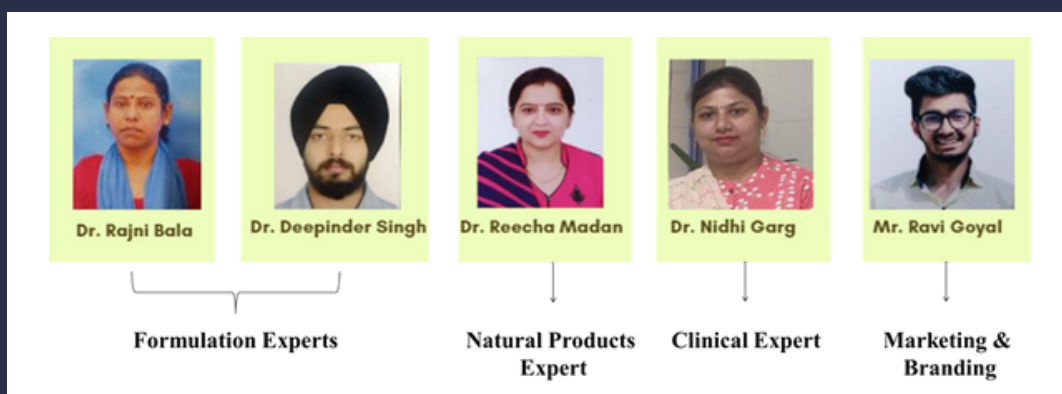




HERBOVIVE PRIVATE LIMITED

Herbovive Private Limited is an Ayurvedic Student-Faculty startup of Chitkara College of Pharmacy, Chitkara University, Punjab. The company was established in March 2021 and incubated under CIIF, Chitkara University Punjab. Herbovive Private Limited is a bootstrapped ayurvedic StartUp which aims to harness the power of nature to create effective and safe products for its customers. The company focuses on the research, development, and production of high-quality Ayurvedic products with the aim of promoting natural and holistic healing solutions. Company utilizes natural ingredients and avoid implication of any harmful chemicals and preservatives which ensures that their products are gentle on the body and minimize the risk of potential side effects. Herbovive's mission is to promote awareness about Ayurveda and provide customers with high-quality products that promote holistic well-being while minimizing the impact on the environment. By embracing natural and organic alternatives, the company contributes to sustainable practices and encourages a healthier lifestyle for its customers.

Herbovive Team –



Incubation Centre – Chitkara Innovation Incubator Foundation (CIIF), Chitkara University Punjab.

Herbovive Products - Herbovive deals in hair oils (antidandruff oil and hair growth oil), body massage oil, 100% pure cold pressed oils (Coconut oil, Sesame oil, Jajoba Oil and Kalongi oil), herbal soaps and pure therapeutic grade essential oils



Anti-dandruff Oil



Hair Growth Oil



Body Massage Oil



HERBOVIVE HERBAL SOAPS



Herbovive Cold-pressed Oils



Herbovive Essential Oils



ACHIEVEMENTS – 1. FILED PATENT FOR HERBOVIVE ANTI-DANDRUFF OIL

Controller General of Patents, Designs & Trade Marks
Plot No. 32, Sector 14, Dwarka, New Delhi-110075
Tel No. (091)(011) 28034304-06 Fax No. 011 28034301,02
E-mail: delhi-patent@nic.in
Web Site: www.ipindia.gov.in



सत्यमेव जयते



G.A.R.6

[See
Rule 22(1)]

RECEIPT

Docket No 97606

Date/Time 2021/09/21 18:34:27

TARUN KHURANA S/19-22, IFAIA Center, Greater Noida
Shopping Plaza, Site IV, Kasna Road, Plot 7/2 Email:
Info@khuranaandkhurana.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-106/852/2021/DEL	202111042735	0	-1	FORM28	Full	
2	E-106/851/2021/DEL	202111042736	0	-1	FORM28	Full	
3	E-25/617/2021/DEL	6663/DELNP/2010	1600	33313	ALTERATION IN PATENT REGISTER	Full	
4	E-25/615/2021/DEL	7458/DELNP/2007	1600	33313	ALTERATION IN PATENT REGISTER	Full	
5	E-12/1812/2021/DEL	202111040966	2500	33313	FORM 9	Full	
6	E-17(ii)/65032/2021/DEL	202011038489	800	33313	RENEWAL OF PATENTS	Full	
7	E-17(i)/65031/2021/DEL	202011038489	800	33313	RENEWAL OF PATENTS	Full	
8	E-17(iii)/65033/2021/DEL	202011038489	800	33313	RENEWAL OF PATENTS	Full	
9	E-17(iv)/65034/2021/DEL	202011038489	800	33313	RENEWAL OF PATENTS	Full	
10	202111042736	TEMP/E-1/48240/2021-DEL	1920	33313	FORM 1	Full	A COMPOSITION FOR MANAGEMENT OF DANDRUFF
11	202111042735	TEMP/E-1/48063/2021-DEL	1600	33313	FORM 1	Full	WEARABLE DEVICE FOR AUTOMATIC STRESS MONITORING



2. RECEIVED CHITKARA EXCELLENCE AWARD (START-UP AND ENTREPRENEURSHIP)



2. 5 LAKH GRANT FROM CENTRAL GOVERNMENT UNDER STARTUP INDIA SEED FUND SCHEME (SISFS) – MAY 2023



Report of SISFS

Herbovive Private Limited is an Ayurvedic Student-Faculty startup of Chitkara College of Pharmacy, Chitkara University, Punjab. The company was established in March 2021 and incubated under CIIF, Chitkara University Punjab. The company focuses on the research, development, and production of high-quality Ayurvedic products with the aim of promoting natural and holistic healing solutions. The company recently availed a startup grant of Rs. 5 lakhs under the Startup India SEED Fund Scheme (SISFS) approved on 2nd May 2023. The funds will be disbursed in 2 trenches, 3 lakhs and 2 lakhs respectively. (The details of the grants are separately attached)

SISFS is an initiative of the Government of India to provide financial support to early-stage startups. The scheme aims to foster innovation, create employment opportunities, and promote sustainable economic growth. The grant received by Herbovive under this scheme has been instrumental in driving the company's growth where funds approved will be utilized for research, product development, marketing, branding, customer acquisition, team expansion, etc.

The journey to secure the SISFS grant began with the submission of a comprehensive grant application, outlining our organization's mission, objectives, and proposed project. The application provided a detailed description of our innovative approach, emphasizing the potential positive impact it could have on communities. We highlighted how our project addresses critical sustainability challenges, promotes inclusive growth, and supports the development of environmentally friendly solutions. Our commitment to social responsibility, community engagement, and sustainable practices were key factors in showcasing our eligibility for the grant. The evaluation phase involved a rigorous assessment of the grant applications received. Our proposal was reviewed by a panel of experts with deep knowledge and experience in the relevant field. The evaluation criteria included project feasibility, innovation, potential for impact, and alignment with SISFS



EXHIBITIONS AND PROMOTION CAMPS



CHITKARA CAMPUS, PUNJAB



TIECON CHANDIGARH 2022



**FUTURE TYCOON,
THAPAR UNIVERSITY**



**CONCLAVE 2022,
PARK PLAZA LUDHIANA**



CHITKARA
COLLEGE OF
PHARMACY

PRE-PLACEMENT SESSIONS

PLACEMENT SESSIONS

Career Counseling and Guidance for Competitive Examinations

Session 2022-23

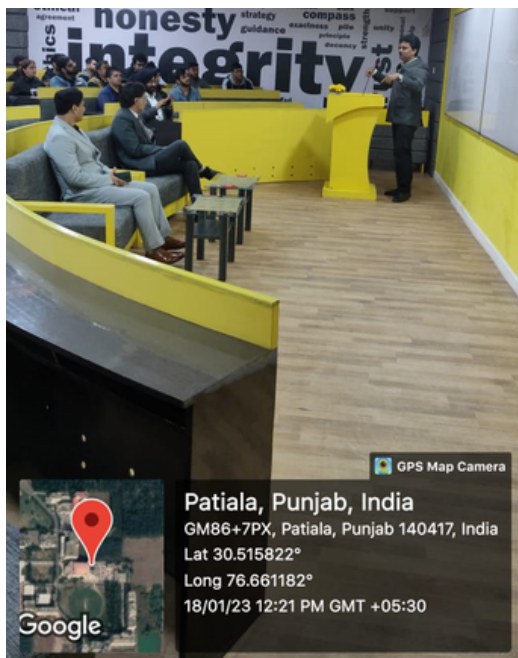
INDEX

S. No.	Name of the event	Attended By	Date
1	Session on Career in Pharma Industry (GSK)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	05.08.2022
2	Session on Masterclass on Global Possibilities in Medical Safety (APCER life sciences)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	02.09.2022
3	Session on Career in Pharma Industry (Jubilant)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	09.09.2022
4	Session on Career in Pharma Industry (Indivirtus)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	09.09.2022
5	Session on Career in Pharma Industry (IndSwift)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	09.09.2022
6	Session on Career in Pharma Industry (Macleods)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	09.09.2022
7	Session on Career in Pharma Industry (Cadchem)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	09.09.2022
8	Session on Career in Pharma Industry (HCG Hospitals)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	05.11.2022
9	Session on Career in Pharma Industry (Sakra World Hospital)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	05.11.2022
10	Session on Career in Pharma Industry (Narayana Health)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	05.11.2022
11	Session on Career in Pharma Industry (AIG Hospitals)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	05.11.2022
12	Session on Career in Pharma Industry (Prognica Labs Dubai)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	05.11.2022
13	Session on Technology Advancements in Diagnostic Business (Roche)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	11.11.2022
14	Session on Career opportunities by Aquity solutions	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	29.11.2022
15	Session on Career in Pharma Industry (Micro Labs)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	06.12.2022
16	Session on Career in Pharma Industry (Pharma-Stats)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	14.12.2022
17	Session on Career in Pharma Industry (Acquity Solutions)	Final year B. Pharm, Final year M. Pharm & Final Year Pharm D	29.12.2022

PLACEMENT SESSIONS



Teams from Jubilant, IndSwift, Macleods and Cadchem



Team from Aquity Solutions

PLACEMENT SESSIONS

CHITKARA UNIVERSITY

APCER
LIFE SCIENCES
Together for better health

MASTERCLASS

FOR
CHITKARA COLLEGE OF PHARMACY

Speaker

Dr. Prachi Arora
VP & Head, Medical Safety
APCER Life Sciences



Date : 2nd September 2022
Time : 10:30 am onwards
Venue : Plato Hall

Moderator: Nilesh Adlak
(Student, M.sc PV & Clinical Research)



CHITKARA UNIVERSITY

Innovative Technology & Trends in Pharmaceutical Industry

Speaker



Dr. Nirali Mehta
CEO & Founder
ES
PHARMA-STATS
Knowledge change the power

Date: 14th December 2022
Time: 10:30 AM to 12:30 PM
Venue: Sun Hall

INSTITUTION'S INNOVATION COUNCIL
Organised by Chitkara College of Sales & Marketing



CHITKARA UNIVERSITY

Technology Advancements in Diagnostic Business

Speaker



Sandeep Tandon
Strategic Business Unit Head

Roche
Diabetes Care

Date: 11th November 2022
Time: 1:00 PM to 2:30 PM
Venue: Pierre Hall

Moderator Name:
Aarushi and Sohana

For MBA Pharmaceutical Management

INSTITUTION'S INNOVATION COUNCIL
Organised by Chitkara College of Sales & Marketing



INTERNATIONAL VISITS

INTERNATIONAL VISITS



Dr. Manish Kumar pursued his post-doctorate research at the College of Medicine, Penn State University, Hershey, Pennsylvania, USA in an NIH-funded project as an NIH fellow. Dr. Kumar investigated the cellular and molecular mechanisms of neurological dysfunction after acute ischemic stroke and traumatic brain injury (TBI), with the ultimate goal of developing novel therapeutic strategies. Dr. Kumar utilized combined approaches including experimental models of stroke and TBI, cell cultures (in-vitro BBB/TBI model), behavioral tests, advanced brain imaging (3D MRI, confocal laser-scanning microscope), immunohistochemistry, flow cytometry, neurovascular biology, and molecular biology techniques. Dr. Kumar published a paper in a reputed peer-reviewed international journal from his post-doctorate research.



Dr. Heena Khan, a PhD candidate, from Chitkara university selected for the Indian student traineeship mobility at University of Milan (UNIMI) by PREVENT IT project. During her stay in Milan, she worked on enhancing her research skills (PCR technique, DNA & RNA extraction from animal tissues, AMR strategies and learning certain skills and working on stress models). She worked with the post-Doc students who are working on different projects related to psychiatric diseases at UNIMI. Particularly, she worked on gene and protein expression analyses, developed strong interpersonal and communication skills and her international work experience taught her how to work with variety of peers and talents.



FDP/CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED BY FACULTY

FDP/CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED BY FACULTY

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Name of School
Dr. Nidhi Rani	SIX DAYS e- FACULTY DEVELOPMENT PROGRAM organised by SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	17-10-2022-22-10-2022	Chitkara College of Pharmacy
Dr. Nidhi Rani	One Week STTP on Emerging Trends in Research Methodology organised by REST Society for Research International (RSRI) Krishnagiri, Tamil Nadu, India.	03-10-2022 to 07-10-2022	Chitkara College of Pharmacy
Dr Rajni Bala	Two Week Faculty Development Program on “Exploring Multidisciplinary Avenues in Pharmaceutical Education and Research” organized by G.H.G Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana, Punjab in collaboration with Association of Pharmaceutical Teachers	8-10-2022 to 20-10-2022	Chitkara College of Pharmacy
Dr Rajni Bala	Online Five Days Faculty Development Program on “Transforming Global Health: Role of Health Professionals & Innovation Teaching – Learning Practices”	29-12-2022 to 03-01-2023.	Chitkara College of Pharmacy
Dr Rajni Bala	One Day Faculty Development Workshop on "Practical Way to Gamify Learning"	19-11-2022	Chitkara College of Pharmacy
Dr. Vandana Saini	Online Five Days Faculty Development Program on “Transforming Global Health: Role of Health Professionals & Innovation Teaching – Learning Practices”	29-12-2022 to 03-01-2023	Chitkara College of Pharmacy
Dr Reecha Madaan	Online Five Days Faculty Development Program on “Transforming Global Health: Role of Health Professionals & Innovation Teaching – Learning Practices”	29-12-2022 to 03-01-2023.	Chitkara College of Pharmacy
Dr Reecha Madaan	One Day Faculty Development Workshop on "Practical Way to Gamify Learning"	19-11-2022	Chitkara College of Pharmacy
Dr Sushma Devi	Drug repositioning in Phytopharmaceuticals: condensing path from research to revenue	17-10-2022 to 21-10-2022	Chitkara College of Pharmacy
Dr Sushma Devi	pedagogical challenges in Pharmaceutical Education and Research in digital age, Chitkara University	19-12-2022 to 23-12-2023	Chitkara College of Pharmacy

FDP/CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED BY FACULTY

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Name of School
Dr Teenu Sharma	Two Week Faculty Development Program on "Exploring Multidisciplinary Avenues in Pharmaceutical Education and Research" organized by G.H.G Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana, Punjab in collaboration with Association of Pharmaceutical Teachers	08-08-2022 to 20-08-2022	Chitkara College of Pharmacy
Dr Teenu Sharma	International Online Conference on "Drug Discovery, Development and Lead Optimization" Organized by Baddi University of Emerging Sciences & Technology, Baddi	16-12-2022 to 17-12-2022	Chitkara College of Pharmacy
Dr Rajwinder Kaur	5-Day Online Faculty Development Program Drug Repositioning in Phytopharmaceuticals: Condensing Path from Research to Revenue	17-10-2022 to 21-10-2022	CT College of Pharmacy, South Campus, Jalandhar
Dr Rajwinder Kaur	FDP on Pedagogical Challenges in Pharmaceutical Education & Research in Digital Age	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Anju Goyal	pedagogical challenges in Pharmaceutical Education and Research in digital age, Chitkara University	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Anju Goyal	Online Five Days Faculty Development Program on "Transforming Global Health: Role of Health Professionals & Innovation Teaching – Learning Practices"	29-12-2022 to 03-01-2023.	Chitkara College of Pharmacy
Dr. Anju Goyal	One Day Faculty Development Workshop on "Practical Way to Gamify Learning"	19-11-2022	Chitkara College of Pharmacy
Dr.Madhukar Garg	Pedagogical challenges in Pharmaceutical Education and Research in digital age, Chitkara University	29-12-2022 to 03-01-2023.	Chitkara College of Pharmacy
Dr. Pallavi Bassi	FDP on pedagogical challenges in Pharmaceutical Education and Research in digital age,	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Pallavi Bassi	International Online Conference on "Drug Discovery, Development and Lead Optimization"	16-12-2022 to 17-12-2022	Baddi University of Emerging Sciences & Technology, Baddi

FDP/CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED BY FACULTY

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Name of School
Dr. Pallavi Bassi	Drug repositioning in Phytopharmaceuticals: condensing path from research to revenue	17-10-2022 to 21-10-2022	CT University Jalandhar
Dr. Neeraj Mittal	International Online Conference on "Drug Discovery, Development and Lead Optimization" Organized by Baddi University of Emerging Sciences & Technology, Baddi	16-12-2022 to 17-12-2022	Baddi University of Emerging Sciences & Technology, Baddi
Dr. Neeraj Mittal	FDP on pedagogical challenges in Pharmaceutical Education and Research in digital age	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Amit Kumar	Pedagogical challenges in Pharmaceutical Education and Research in digital age, Chitkara University	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Deepinder Singh	7th Edition of Global Conference on Pharmaceutics and Novel Drug Delivery Systems"	08-09-2022 to 10-09-2022	France
Dr. Deepinder Singh	International e-Conference on Biopolymers	14-07-2022 to 16-07-2022	Asian Polymer Association and Indian Chitin & Chitosan Societ
Dr. Deepinder Singh	"Applications and Principals of Proteomic Sciences"	09-06-2022	Al-Ameen College of Pharmacy and CliMed Research Solutions, India
Dr. Deepinder Singh	Three Days National Workshop on "Recent Trends and Tool in Journal Publishing and Research Integrity	01-06-2022	Department of Applied Science, Chitkara University and Institute of Engineering & Technology, Chitkara University, Punjab.
Dr. Deepinder Singh	Artificial Intelligence & Its Impact on Industry 4.0 & Healthcare System	22-07-2022 to 04-08-2022	Uttaranchal Institute of Pharmaceutical Sciences, Uttaranchal University, Dehradun
Dr. Deepinder Singh	Recent Trends and Technologies in Pharmaceutical Research	23-05-2022 to 28-05-2022	by SRM Modinagar College of Pharmacy, SRM Institute of Science and Technology, (Deemed to be University), Delhi

FDP/CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED BY FACULTY

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Name of School
Dr. Deepinder Singh	FDP on pedagogical challenges in Pharmaceutical Education and Research in digital age,	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Chander Parkash	FDP on pedagogical challenges in Pharmaceutical Education and Research in digital age	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Chander Parkash	1st IBRO-APRC Associate School on Advances in Nanoneurotherapeutics and Neurological Disorders organized by ISF College of Pharmacy, Moga	7-11-2022 to 10-11-2022	ISF College of Pharmacy
Mr. Nasim Sahin	International Conference on Advancement in Drug Regulatory Affairs Pharmaceutical Industry (ADRA-2022)	26-09-2022 to 30-09-2022	Chitkara College of Pharmacy, Chitkara University, Punjab
Ms Rupinder Kaur	FDP on Pedagogical Challenges in Pharmaceutical Education & Research in Digital Age	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr.Loveleen Kaur	FDP on Pedagogical Challenges in Pharmaceutical Education & Research in Digital Age	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr.Loveleen Kaur	Three Days National Workshop on “Recent Trends and Tool in Journal Publishing and Research Integrity	01-06-2022	Department of Applied Science, Chitkara University and Institute of Engineering & Technology, Chitkara University, Punjab.
Dr.Loveleen Kaur	Five day International workshop on ‘Novel Intervention Strategies for Antibiotic Resistance: Its Implications on Global Health’	29-08-2022 to 2-11-2022	Chitkara College of Pharmacy
Dr.Loveleen Kaur	Two days Faculty development programm on Adoption of NEP Modules in academic curriculum	30-11-2022 to 1-12-2022	Organized by Department of computer science & engineering CUIET ,Chitkara University,Punjab
Dr.Loveleen Kaur	International faculty development programm on Mixed Methods Research and Academic search engines	10-11-2022 to 11-11-2022	Conducted by chitkara college o education In collaboration with Doctoral Research centre, Chitkara Business School ,Chitkara Uniersity

FDP/CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED BY FACULTY

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Name of School
Dr. Pooja Mittal	FDP on pedagogical challenges in Pharmaceutical Education and Research in digital age,	19-12-2022 to 23-12-2022	Chitkara College of Pharmacy
Dr. Sanjana	Five day International workshop on 'Novel Intervention Strategies for Antibiotic Resistance: Its Implications on Global Health'	29-08-2022 to 02-09-2022	Chitkara College of Pharmacy
Dr. Sanjana	Five day International Conference on 'Advancements In Drug Regulatory Affairs: Pharmaceutical Industry-Academia Perspective (ADRA-2022)	26-09-2022 – 30-09-2022	Chitkara College of Pharmacy
Dr. Sanjana	A seminar on 'Emergence of pharmacogenetics and its impact on pharmaceutical R&D'	31-10- 2022	Chitkara College of Pharmacy
Dr. Sanjana	An international seminar on 'Emerging Trends and innovations in Drug delivery & research'	11-11-2022	Chitkara College of Pharmacy
Dr. Samrat Chauhan	Five day International workshop on 'Novel Intervention Strategies for Antibiotic Resistance: Its Implications on Global Health'	29-08-2022 to 02-09- 2022	Chitkara College of Pharmacy
Dr. Samrat Chauhan	Five day International Conference on 'Advancements In Drug Regulatory Affairs: Pharmaceutical Industry-Academia Perspective (ADRA-2022)	26-09-2022 to 30-09-2022	Chitkara College of Pharmacy
Dr. Samrat Chauhan	A seminar on 'Emergence of pharmacogenetics and its impact on pharmaceutical R&D'	31-10-2022	Chitkara College of Pharmacy
Dr. Samrat Chauhan	An international seminar on 'Emerging Trends and innovations in Drug delivery & research'	11-11-2022	Chitkara College of Pharmacy
Dr. Somdutt Mujwar	Five day International workshop on 'Novel Intervention Strategies for Antibiotic Resistance: Its Implications on Global Health'	29-08-2022 to 02-09- 2022	Chitkara College of Pharmacy
Dr. Somdutt Mujwar	Five day International Conference on 'Advancements In Drug Regulatory Affairs: Pharmaceutical Industry-Academia Perspective (ADRA-2022)	26th – 30th September, 2022	Chitkara College of Pharmacy
Dr. Somdutt Mujwar	A seminar on 'Emergence of pharmacogenetics and its impact on pharmaceutical R&D'	31-10-2022	Chitkara College of Pharmacy
Dr. Somdutt Mujwar	An international seminar on 'Emerging Trends and innovations in Drug delivery & research'	11-11- 2022	Chitkara College of Pharmacy



CHITKARA
COLLEGE OF
PHARMACY

PUBLICATIONS

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
1	Harinderjit Singh., Rakesh K Sindhu	X-ray fluorescence analysis in medical biology	2022	7	X-Ray Fluorescence in Biological Sciences: Principles, Instrumentation, and Applications	YES			467	473	978-1-1196- 4571-9	BOOK CHAPTER
2	Ankita Sood., Ahmed A H Abdellatif., Saurabh Bhatia., Rajwinder Kaur., Muskan Kanotra., Tapan Behl	Emergence of nutriments as a nascent complementary therapy against antimicrobial resistance	2022	7	Environmental Science and Pollution Research	YES	29	33	49568	49582	0944-1344	JOURNAL
3	M V N L Chaitanya., Mohammad Amjad Kamal., Kamal Dua., Keshav Raj Paudel., Gaurav Gupta., Saurabh Gupta., Venkata Sita Rama Raju Allam	Nutraceuticals and mitochondrial oxidative stress: bridging the gap in the management of bronchial asthma	2022	7	Environmental Science and Pollution Research	YES	29	42	62733	62754	0944-1344	JOURNAL
4	Komal Thapa., Heena Khan., Neha Kanojia., Thakur Gurjeet Singh., Amarjot Kaur., Gagandeep Kaur	Therapeutic Insights on Ferroptosis in Parkinson's disease	2022	7	European Journal of Pharmacology	YES	930		175133	175133	0014-2999	JOURNAL
5	Alavala Matta Reddy., Mumtaz Iqbal., Hitesh Chopra., Sunil Junapudi., Shabana Bibi., Inderbir Singh	Pivotal role of vitamin D in mitochondrial health, cardiac function, and human reproduction	2022	7	EXCLI Journal	YES	21		967	990	1611-2156	JOURNAL
6	Hitesh Chopra., Shabana Bibi., Inderbir Singh., Fahadul Islam., Mohammad Amjad Kamal	Nanomedicines in the Management of Alzheimer's™s Disease: Current View and Future Prospects	2022	7	Frontiers in Aging Neuroscience	YES	14				1663-4365	JOURNAL
7	Hitesh Chopra., Inderbir Singh., Shabana Bibi., Rajat Goyal., Mohamed M. Abdel-daim., Talha Bin Emran	Chemopreventive Potential of Dietary Nanonutraceuticals for Prostate Cancer: An Extensive Review	2022	7	Frontiers in Oncology	YES	12		1	25	2234-943X	JOURNAL
8	Rishi Man Chugh., Pooja Mittal., Namratha M P., Tanu Arora., Tanima Bhattacharya., Hitesh Chopra., Simona Cavalu., Rupesh K Gautam	Fungal Mushrooms: A Natural Compound With Therapeutic Applications	2022	7	Frontiers in Pharmacology	YES	13		1	16	1663-9812	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
9	Hitesh Chopra., Sher Zaman Safi., Inderbir Singh., Sandeep Kumar., Talha Bin Emran	Wound dressings: Recent updates	2022	7	International Journal of Surgery	YES	104				1743-9191	JOURNAL
10	Chidvilas Kurapati., Kalyani Paidikondala., Sabnam Parveen., Om V Singh., Rambabu Gundla., Vishnu Nayak Badavath	Design, and synthesis of N- α -benzyl spiro-piperidine hydroxamic acid-based derivatives: Histone deacetylase inhibitory activity and drug-likeness prediction	2022	7	Journal of Heterocyclic Chemistry	YES	59	11	2006	2015	0022-152X	JOURNAL
11	Chidvilas Kurapati., Kalyani Paidikondala., Vishnu Nayak Badavath., Sabnam Parveen., Om V Singh., Rambabu Gundla	Design, and synthesis of N-benzyl spiro-piperidine hydroxamic acid-based derivatives: Histone deacetylase inhibitory activity and drug-likeness prediction	2022	7	Journal of Heterocyclic Chemistry	YES	59	11	2006	2015	0022-152X	JOURNAL
12	Harsimran Jit Kaur., Poonam Jindal., Anju Goyal	Group III-V element behaviour as a gain material in nano-lasers	2022	7	Journal of Optics (India)	YES	52	1	60	68	0972-8821	JOURNAL
13	Anastasiia D Shkodina., Hitesh Chopra., Inderbir Singh., Shoaib Ahmad., Dmytro I Boiko	Healthcare system amidst the war in Ukraine	2022	7	Annals of Medicine and Surgery	YES	80				2049-0801	JOURNAL
14	Khan H., Singh T.G., Dahiya R.S., Abdel-Daim M.M.	α -Lipoic Acid, an Organosulfur Biomolecule a Novel Therapeutic Agent for Neurodegenerative Disorders: An Mechanistic Perspective	2022	7	Neurochemical Research	YES	47	7	1853	1864	0364-3190	JOURNAL
15	Isha Rani., Navgeet Kaur., Anju Goyal., M Sharma	An Appraisal on Synthetic and Medicinal Aspects of Fused Pyrimidines as Anti Neoplastic Agents	2022	7	Anti-Cancer Agents in Medicinal Chemistry	YES	23	5	525	531	1871-5206	JOURNAL
16	Tapan Behl., Ishnoor Kaur., Aayush Sehgal., Sukhbir Singh., Neelam Sharma., Sridevi Chigurupati., Ahmed Al-harrasi., Ebrahim Mostafavi	"Cutting the Mustard" with Induced Pluripotent Stem Cells: An Overview and Applications in Healthcare Paradigm	2022	7	Stem Cell Reviews and Reports	YES	18	8	2757	2780	2629-3269	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Volume No	Issue No	B_Page	P_Page	ISSN/ ISBN	PublicationType
17	Omji Porwal., Ankit Awasthi., Pasupuleti Visweswara Rao., Saurabh Gupta	Recent Progress in Development of Dressings Used for Diabetic Wounds with Special Emphasis on Scaffolds	2022	7	BioMed Research International	YES	2022		1	43	2314-6133	JOURNAL
18	Sharma P., Behl T., Sharma N., Singh S., Grewal A.S., Albarrati A., Albratty M., Meraya A.M., Bungau S.	COVID-19 and diabetes: Association intensify risk factors for morbidity and mortality	2022	7	Biomedicine and Pharmacotherapy	YES	151				0753-3322	JOURNAL
19	Shiveena Bhatia., Ritchu Babbar., Mehrukh Zehravi., Balbir Singh., Parteek Chandel., Mohammad Mehedi Hasan., Rashmi Arora., Naresh S Gill., Rakesh K Sindhu., Zubair Ahmad., Farhat S Khan., Md Habibur Rahman	Angiogenic footprints in diabetic retinopathy: opportunities for drug development	2022	7	Biotechnology and Genetic Engineering Reviews	YES	39	1	118	142	0264-8725	JOURNAL
20	Vineet Sharma., Dev Nath Singh Gautam., Andrei-flavius Radu., Tapan Behl., Simona Gabriela Bungau., Cosmin Mihai Vesa	Reviewing the Traditional/Modern Uses, Phytochemistry, Essential Oils/Extracts and Pharmacology of Embelia ribes Burm	2022	7	Antioxidants	YES	11	7	1	25	2076-3921	JOURNAL
21	Sharma A., Chawla R., Kaur J., Madaan R.	An Overview of Phytotherapy Used in the Management of Type II Diabetes	2022	7	Current diabetes reviews	YES	18	6	43	56	1875-6417	JOURNAL
22	Hitesh Chopra , Inderbir Singh, Sandeep Kumar, Tanima Bhattacharya, Habibur Rahman, Rokeya Akter, Tanvir Kabir	Comprehensive Review on Hydrogels	2022	7	Current Drug Delivery	YES	18				1567-2018	JOURNAL
23	Chopra H., Singh I., Kumar S., Bhattacharya T., Rahman M.H., Akter R., Kabir M.T.	A Comprehensive Review on Hydrogels	2022	7	Current Drug Delivery	YES	19	6	658	675	1567-2018	JOURNAL
24	Aqeel Ahmad., Hitesh Chopra., Mubashir Hussain., Naveed Ahmed., Mohammad Amjad Kamal	Narrative on Hydrogen Therapy and its Clinical Applications: Safety and Efficacy	2022	7	Current Pharmaceutical Design	YES	28				1381-6128	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ISBN	PublicationType
25	Ansari B., Behl T., Pirzada A.S., Khan H.	Caralluma edulis (Apocynaceae): A Comprehensive Review on its Traditional Uses, Phytochemical Profile and Pharmacological Effects	2022	7	Current Topics in Medicinal Chemistry	YES	22	18	1501	1514	1568-0266	JOURNAL
26	Ishnoor Kaur., Tapan Behl., Aayush Sehgal., Sukhbir Singh., Vetriseivan Subramanian., Hamed Ghaleb Dailah., Saurabh Bhatia., Lotfi Aleya., Simona Bungau	A motley of possible therapies of the COVID-19: reminiscing the origin of the pandemic	2022	8	Environmental Science and Pollution Research	YES	29	45	67685	67703	0944-1344	JOURNAL
27	Ghosh A., Chakraborty D., Mukerjee N., Baishya D., Chigurupati S., Felemban S.G., Almahmoud S.A., Almikhlaifi M.A., Sehgal A., Singh S., Sharma N., Aleya L., Behl T.	Target-based virtual screening and molecular interaction studies for lead identification of natural olive compounds against glioblastoma multiforme	2022	8	Environmental Science and Pollution Research	YES	30	3	6170	6191	0944-1344	JOURNAL
28	Munish Kakkar., Tapan Behl., Celia Vargas-de-la Cruz., Hafiz A Makeen., Mohamed M Abdel-daim	Tridax procumbens Ameliorates Streptozotocin-Induced Diabetic Neuropathy in Rats via Modulating Angiogenic, Inflammatory, and Oxidative Pathways	2022	8	Evidence-based Complementary and Alternative Medicine	YES	2022		1	12	1741-427X	JOURNAL
29	Ajay Singh Kushwah., Roopal Mittal., Manish Kumar., Prerna Goel., Atul Kabra., Gurpreet Kaur., Rahul Kumar Sharma., Lalit Mohan Nainwal	Cardioprotective Activity of Cassia fistula L. Bark Extract in Isoproterenol-Induced Myocardial Infarction Rat Model	2022	8	Evidence-based Complementary and Alternative Medicine	YES	2022		1	10	1741-427X	JOURNAL
30	Sharma R.K., Bibi S., Chopra H., Khan M.S., Aggarwal N., Singh I., Ahmad S.U., Hasan M.M., Moustafa M., Al-Shehri M., Alshehri A., Kabra A.	In Silico and in Vitro Screening Constituents of Eclipta alba Leaf Extract to Reveal Antimicrobial Potential	2022	8	Evidence-based Complementary and Alternative Medicine	YES	2022					JOURNAL
31	Rajat Goyal., Hitesh Chopra., Inderbir Singh., Kamal Dua., Rupesh K Gautam	Insights on prospects of nano-siRNA based approaches in treatment of Cancer	2022	8	Frontiers in Pharmacology	YES	13		82	89	1663-9812	JOURNAL
32	Tapan Behl., Dapinder Kaur., Aayush Sehgal., Rajeev K Singla., Hafiz A Makeen., Simona Bungau	Therapeutic insights elaborating the potential of retinoids in Alzheimer's disease	2022	8	Frontiers in Pharmacology	YES	13				1663-9812	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mont_h	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
33	Hitesh Chopra., Awdhesh Kumar Mishra., Inderbir Singh., Yugal Kishore Mohanta., Rohit Sharma., Talha Bin Emran., Shabana Bibi	Nano-chitosan: A novel material for glioblastoma treatment	2022	8	International Journal of Surgery	YES	104		106713	106713	1743-9191	JOURNAL
34	Garima., Tarun Agarwal., Marco Costantini., Sampreeti Pal., Arun Kumar	Oxygenation therapies for improved wound healing: current trends and technologies	2022	8	Journal of Materials Chemistry B	YES	10		7905	7923	2050-7518	JOURNAL
35	Isha Rani., Gagandeep Kaur., Hitesh Chopra., Shabana Bibi., Syed Umair Ahmad., Inderbir Singh., Talha Bin Emran	Modern drug discovery applications for the identification of novel candidates for COVID-19 infections	2022	8	Annals of Medicine and Surgery	YES	80				2049-0801	JOURNAL
36	Heena Khan., Amarjot Kaur., Thakur Gurjeet Singh	Mitochondrial dynamics related neurovascular approaches in cerebral ischemic injury	2022	8	Mitochondrion	YES	66		54	66	1567-7249	JOURNAL
37	Behl T., Makkar R., Sehgal A., Sharma N., Singh S., Albratty M., Najmi A., Meraya A.M., Bungau S.G.	Insights into the Explicit Protective Activity of Herbs in Management of Neurodegenerative and Cerebrovascular Disorders	2022	8	Molecules	YES	27	15			1420-3049	JOURNAL
38	Wadhwa K., Pahwa R., Kumar M., Kumar S., Sharma P.C., Singh G., Verma R., Mittal V., Singh I., Kaushik D., Jeandet P.	Mechanistic Insights into the Pharmacological Significance of Silymarin	2022	8	Molecules	YES	27	16			1420-3049	JOURNAL
39	Komal Thapa., Thakur Gurjeet Singh., Amarjot Kaur	Targeting ferroptosis in ischemia/reperfusion renal injury	2022	8	Naunyn-Schmiedeberg's Archives of Pharmacology	YES	395	11	1331	1341	0028-1298	JOURNAL
40	Khan H., Kaur P., Singh T.G., Grewal A.K., Sood S.	Adenosine as a Key Mediator of Neuronal Survival in Cerebral Ischemic Injury	2022	8	Neurochemical Research	YES	47	12	3543	3555	0364-3190	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mon th	Journal_Name	Scopus	Vol_ No	Issu e_No	B_Pag e	P_Pag e	ISSN/ ISBN	Publicati onType
41	Bhatia S., Singh M., Singh T., Singh V.	Scrutinizing the Therapeutic Potential of PROTACs in the Management of Alzheimer's Disease	2022	8	Neurochemical Research	YES	48	1	13	25	0364-3190	JOURNAL
42	Priyanshi Sikka., Tapan Behl., Parteek Chandel., Aayush Sehgal., Sukhbir Singh., Hafiz A Makeen., Mohammed Albratty., Hassan A Alhazmi., Abdulkarim M Meraya	Scrutinizing the Therapeutic Promise of Purinergic Receptors Targeting Depression	2022	8	Neurotoxicity Research	YES	40	5	1570	1585	1029-8428	JOURNAL
43	Nidhi Rani., Randhir S Dahiya., Praveen Kumar	In silico Studies of Plant-Derived Bioactive Compounds of Wedelia Species	2022	8	Anti-Infective Agents	YES	20	5	56	62	2211-3525	JOURNAL
44	Harish Kumar., Kushal Kumar Bansal., Anju Goyal	An Insight into Pyrazole- containing Compounds: Synthesis and Pharmacological Activities	2022	8	Anti-Infective Agents	YES	20	5	1	26	2211-3525	JOURNAL
45	Islam F., Bepary S., Nafady M.H., Islam M.R., Emran T.B., Sultana S., Huq M.A., Mitra S., Chopra H., Sharma R., Khandaker M.U., Idris A.M.	Polyphenols Targeting Oxidative Stress in Spinal Cord Injury: Current Status and Future Vision	2022	8	Oxidative medicine and cellular longevity	YES	2022		874178 7		1942-0994	JOURNAL
46	Rotariu D., Babes E.E., Tit D.M., Moisi M., Bustea C., Stoicescu M., Radu A.-F., Vesa C.M., Behl T., Bungau A.F., Bungau S.G.	Oxidative stress "Complex pathological issues concerning the hallmark of cardiovascular and metabolic disorders	2022	8	Biomedicine and Pharmacotherapy	YES	152				0753-3322	JOURNAL
47	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.	Exploring the role of astrocytic dysfunction and AQP4 in depression	2022	8	Cellular Signalling	YES	96				0898-6568	JOURNAL
48	Behl T., Arora A., Sehgal A., Singh S., Sharma N., Bhatia S., Al-Harrasi A., Bungau S., Mostafavi E.	Molecular and Biochemical Pathways Encompassing Diabetes Mellitus and Dementia	2022	8	CNS and Neurological Disorders - Drug Targets	YES	21	7	542	556	1871-5273	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
49	Hitesh Chopra., Ravinder Verma., Manish Kumar., Saurabh Bhatia., Md. Habibur Rahman	CYCLODEXTRIN BASED ARSENAL FOR ANTI "TUMOUR TREATMENT	2022	8	Critical Reviews in Therapeutic Drug Carrier Systems	YES	40	2	1	41	0743-4863	JOURNAL
50	Hitesh Chopra., Ravinder Verma., Sakshi Kaushik., Kumud Madan., Parjat Pandey., Beena Kumari., Manish Kumar., Saurabh Bhatia., Vineet Mittal., Inderbir Singh., Deepak Kaushik	Cyclodextrin-Based Arsenal for Anti-Cancer Treatments	2022	8	Critical Reviews in Therapeutic Drug Carrier Systems	YES	40	2	1	41	0743-4863	JOURNAL
51	Rathi R., Nagpal M., Kaur M., Ballouria P., Dutta R., Aggarwal G., Arora S.	Treatment of Tuberculosis in Nano Era: Recent Avenues	2022	8	Current Bioactive Compounds	YES	18	7	13	26	1573-4072	JOURNAL
52	Prerna Sharma., Nidhi Rani., Aishwarya Gangwar., Rajwinder Kaur., Kumud Upadhyaya., Randhir Singh	Diabetic Neuropathy: A Repercussion of Vitamin D Deficiency	2022	8	Current Diabetes Reviews	YES	19				1573-3998	JOURNAL
53	Sonia Dhiman., Nincy Philip., Thakur Gurjeet Singh., Ritchu Babbar., Nikhil Garg., Vanshika Diwan., Prabha Singh	An Insight on Novel Approaches & Perspectives for Gastro-Retentive Drug Delivery Systems	2022	8	Current Drug Delivery	YES	19				1567-2018	JOURNAL
54	Sakineh Hajebi., Firoz Babu Kadumudi., Arun Kumar., Ehsan Kamrani., Assunta Borzacchiello., Navid Rabiee., Xiangdong Wang., Navid Rabiee., Alireza Dolatshahi- pirouz	Genetically Engineered Viral Vectors and Organic-Based Non-Viral Nanocarriers for Drug Delivery Applications	2022	8	Advanced healthcare materials	YES	11	20	1	31	2192-2640	JOURNAL
55	Sushil Kumar Chaudhary., Abhinav Sharma., Shiveena Bhatia., Sapna Kumari., Anju Goyal., Kajal Nagpal., Prerna Sharma., Ajmer Singh Grewal., Madhukar Garg	Review on Phytochemistry, Biology and Nano Formulations of Manilkara hexandra: An Update	2022	9	Clinical Complementary Medicine and Pharmacology	YES	3	1	100069	100069	2772-3712	JOURNAL
56	Jobin Jose., Hitesh Chopra., Inderbir Singh., Akshay Bandiwadekar., Kartik Bhairu Khot., Gopika Gopan., Priyanka., Om Prakash Choudhary	Nanonutraceuticals and their therapeutic applications in colon cancer - Correspondence	2022	9	International Journal of Surgery	YES	106				1743-9191	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
57	Shakeel Ahmed., Muzna Munir., Chopra H., Rahat Naseer., Sadia Nawaz., Uday Younis Hussein Abdullah., Atif Amin Baig	Nano-Nutraceuticals and Oxidative Stress	2022	9	Handbook of Nanotechnology in Nutraceuticals	YES			377	398	978-1-0032-4472-1	BOOK CHAPTER
58	Saba Yousaf., Hitesh Chopra., Atif Amin Baig	Nano-Nutraceuticals for the Treatment of Cancer	2022	9	Handbook of Nanotechnology in Nutraceuticals	YES			399	416	978-1-0007-7078-0	BOOK CHAPTER
59	Hitesh Chopra., Shivani Sharma., Saba Yousaf., Rahat Naseer., Shakeel Ahmed., Atif Amin Baig	Applications of Nanotechnology-Based Approaches for Targeted Delivery of Nutraceuticals	2022	9	Handbook of Nanotechnology in Nutraceuticals	YES			329	346	978-1-0007-7078-0	BOOK CHAPTER
60	Sukhbir Singh., Hema., Ishrat Zahoor., Monika Sachdeva., Neeraj Kumar Fuloria., Amal M Alsubayiel., Saurabh Bhatia., Lotfi Aleya., Neelam Sharma	Focusing the pivotal role of nanotechnology in Huntington's disease: an insight into the recent advancements	2022	9	Environmental Science and Pollution Research	YES	29	49	73809	73827	0944-1344	JOURNAL
61	Sukhbir Singh., Ishrat Zahoor., Neelam Sharma., Tapan Behl., Neha Kanojia., Aayush Sehgal., Syam Mohan., Yosif Almoshari., Ahmad Salawi., Lotfi Aleya., Simona Bungau	Insights into the pivotal role of statins and its nanoformulations in hyperlipidemia	2022	9	Environmental Science and Pollution Research	YES	29	51	76514	76531	0944-1344	JOURNAL
62	Jena R., Vishwas S., Kumar R., Kaur J., Khurshheed R., Gulati M., Singh T.G., Vanathi B.M., Alam A., Kumar B., Chaitanya M.V.N.L., Gupta S., Negi P., Pandey N.K., Bhatt S., Gupta G., Chellappan D.K., Oliver B.G., Dua K., Singh S.K.	Treatment strategies for HIV infection with emphasis on role of CRISPR/Cas9 gene: Success so far and road ahead	2022	9	European Journal of Pharmacology	YES	931				0014-2999	JOURNAL
63	Rajat Goyal., Rupesh Gautam., Hitesh Chopra., Ankit Kumar Dubey., Rajeev K Singla., Rehab A Rayan., Mohammad Amjad Kamal	Comparative highlights on MERS-CoV, SARS-CoV-1, SARS-CoV-2, and NEO-CoV	2022	9	EXCLI Journal	YES	21		1245	1275	1611-2156	JOURNAL
64	Rajeev K Singla., Konika Dhonchak., Rupinder K Sodhi., M Arockia Babu., Jitender Madan., Reecha Madan., Suresh Kumar., Rohit Sharma., Bairong Shen	Berginin ameliorates cognitive deficits and neuropathological alterations in sodium azide-induced experimental dementia	2022	9	Frontiers in Pharmacology	YES	13				1663-9812	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mont_h	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
65	Saurabh Shukla., Neelam Sharma., Sukhbir Singh., Sandeep Arora., Anita Rani	Preformulation and UV-Spectrophotometric Analytical Method Validation Studies for Assessment of Canagliflozin	2022	9	International Journal of Pharmaceutical Quality Assurance	YES	13	3	290	295	0975-9506	JOURNAL
66	Jobin Jose., Akshay Bandiwadekar., Kartik Bhairu Khot., Gopika Gopan., Hitesh Chopra., Inderbir Singh., Priyanka., Om Prakash Choudhary	Nanonutraceuticals and their therapeutic applications in colon cancer	2022	9	International Journal of Surgery	YES	106				1743-9191	JOURNAL
67	Hitesh Chopra., Shabana Bibi., Navidha Aggarwal., Inderbir Singh., Jobin Jose., Talha Bin Emran	Leptospirosis: Recent outbreak and control measures	2022	9	International Journal of Surgery	YES	106				1743-9191	JOURNAL
68	Hitesh Chopra., Manish Dhawan., Shabana Bibi., Atif Amin Baig., Ajay Singh Kushwah., Manpreet Kaur., Talha Bin Emran	FDA approved vaccines for monkeypox: Current eminence	2022	9	International Journal of Surgery	YES	105				1743-9191	JOURNAL
69	Uniyal N., Sethi Y., Chopra H., Dhawan M., Emran T.B.	Iron replacement therapy in iron deficiency anemia: A perspective revisited for low- and middle-income countries	2022	9	International Journal of Surgery	YES	105				1743-9191	JOURNAL
70	Chopra H., Kaur A., Singh I., Sharma R.K., Emran T.B.	Nano-based targeting strategies for cancer treatment	2022	9	International Journal of Surgery	YES	105				1743-9191	JOURNAL
71	Shuvo P.A., Roy A., Dhawan M., Chopra H., Emran T.B.	Recent outbreak of monkeypox: Overview of signs, symptoms, preventive measures, and guideline for supportive management	2022	9	International Journal of Surgery	YES	105				1743-9191	JOURNAL
72	Choudhary O.P., Priyanka., Fahmi M.L., Saied A.A., Chopra H.	Ring vaccination for monkeypox containment: Strategic implementation and challenges	2022	9	International Journal of Surgery	YES	105				1743-9191	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
73	Hitesh Chopra., Yashendra Sethi., Neil Patel., Inderbir Singh., Talha Bin Emran	Tomato flu in India: A new emerging viral disease	2022	9	International Journal of Surgery	YES	106		106944	106944	1743-9191	JOURNAL
74	Hitesh Chopra., Atif Amin Baig., Sonia Arora., Inderbir Singh., Amanpreet Kaur., Talha Bin Emran	Artificial intelligence in surgery: Modern trends & Correspondence	2022	9	International Journal of Surgery	YES	106				1743-9191	JOURNAL
75	Sonia Dhiman., Sonika Bhati., Ashi Mannan., Sandeep Arora., Thakur Gurjeet Singh	Formulation and characterization of zaleplon buccal disks using grafted Moringa oleifera gum	2022	9	Journal of Applied Pharmaceutical Science	YES	13	1	115	127	2231-3354	JOURNAL
76	Raminderpal Singh Sibbia., Ankita Sood., Arshula Subedi., Anushya Sharma., Anirudh Mittal., Gaaminepreet Singh., Thakur Gurjeet Singh., Ravinder Singh., Sanjay Goyal	Elevated serum PAR-1 levels as an emerging biomarker of inflammation to predict the dengue infection severity	2022	9	Journal of Medical Virology	YES	95	1			0146-6615	JOURNAL
77	Pratima Kumari., Varinder Singh., Hitesh Chopra., Talha Bin Emran., Sanjay Goyal., Namita Aggarwal., Sanjana., Ravinder Singh	Study on dengue severity in diabetic and non-diabetic population of tertiary care hospital by assessing inflammatory indicators	2022	9	Annals of Medicine and Surgery	YES	82				2049-0801	JOURNAL
78	Ojus Sardana., Pratima Kumari., Ravinder Singh., Hitesh Chopra., Talha Bin Emran	Health-related quality of life among acute pancreatitis patients correlates with metabolic variables and associated factors	2022	9	Annals of Medicine and Surgery	YES	82				2049-0801	JOURNAL
79	Chopra H., Baig A.A., Cavalu S., Singh I., Emran T.B.	Robotics in surgery: Current trends	2022	9	Annals of Medicine and Surgery	YES	81				2049-0801	JOURNAL
80	Amit Gupta., Asim Najmi., Abdulkarim M Meraya., Tapan Behl., Mohammed Albratty., Hassan A Alhazmi., Md Khalid Anwer., Saurabh Bhatia., Simona Gabriela Bungau	Alkaloidal Phytoconstituents for Diabetes Management: Exploring the Unrevealed Potential	2022	9	Molecules	YES	27	18			1420-3049	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
81	Shalini Mani., Divya Jindal., Hitesh Chopra., Saurabh Kumar Jha., Sachin Kumar Singh., Gulam Md Ashraf., Mehnaz Kamal., Danish Iqbal., Dinesh Kumar Chellappan., Abhijit Dey., Saikat Dewanjee., Keshav K Singh., Shreesh Ojha., Inderbir Singh., Rupesh K Gautam., Niraj Kumar Jha	ROCK2 inhibition: A futuristic approach for the management of Alzheimer's disease	2022	9	Neuroscience and Biobehavioral Reviews	YES	142				0149-7634	JOURNAL
82	Ritu Rathi., Renu Kushwaha., Ayushi Goyal., Inderbir Singh	Oxaliplatin-flavone pharmaceutical co-crystal-CN111205332A: patent spotlight	2022	9	Pharmaceutical patent analyst	YES	11	5	147	154	2046-8954	JOURNAL
83	Kittipat Suwanpitak., Lee-yong Lim., Inderbir Singh., Pornsak Sriamornsak., Thanongsak Thepsonthi., Kampanart Huanbutta., Tanikan Sangnim	Development of an Add-On Device Using 3D Printing for the Enhancement of Drug Administration Efficiency of Dry Powder Inhalers (Accuhaler)	2022	9	Pharmaceutics	YES	14	9	1	15	1999-4923	JOURNAL
84	Vivek Puri., Ameya Sharma., Pradeep Kumar., Kamal Dua., Kampanart Huanbutta., Inderbir Singh., Tanikan Sangnim	Assessment of Acute Oral Toxicity of Thiolated Gum Ghatti in Rats	2022	9	Polymers	YES	14	18	1	10	2073-4360	JOURNAL
85	Rakesh Pahwa., Chetna., Kamal Saroha., Bigul Yogeshver Bhardwaj., Manish Kumar., Inderbir Singh	Insights into various approaches of Phytosomes for Enhanced Therapeutic Potential of Bioactives	2022	9	Research Journal of Pharmacy and Technology	YES	15	9	4277	4282	0974-3618	JOURNAL
86	Kamal Saroha., Rakesh Pahwa., Chetna., Bigul Yogeshver Bhardwaj., Manish Kumar., Inderbir Singh	Insights into various approaches of Phytosomes for Enhanced Therapeutic Potential of Bioactives	2022	9	Research Journal of Pharmacy and Technology	YES	15	9	4277	4282	0974-3618	JOURNAL
87	Rakesh Pahwa., Chetna., Kamal Saroha., Bigul Yogeshver Bhardwaj., Manish Kumar., Inderbir Singh	Insights into various approaches of Phytosomes for Enhanced Therapeutic Potential of Bioactives	2022	9	Research Journal of Pharmacy and Technology	YES	15	9	4277	4282	0974-3618	JOURNAL
88	Rakesh Pahwa., Chetna., Kamal Saroha., Bigul Yogeshver Bhardwaj., Manish Kumar., Inderbir Singh	Insights into various approaches of Phytosomes for Enhanced Therapeutic Potential of Bioactives	2022	9	Research Journal of Pharmacy and Technology	YES	15	9	4277	4282	0974-3618	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ISBN	Publication Type
89	Tapan Behl., Amit Gupta., Aayush Sehgal., Mohammed Albratty., Abdulkarim M Meraya., Asim Najmi., Saurabh Bhatia., Simona Bungau	Exploring protein tyrosine phosphatases (PTP) and PTP-1B inhibitors in management of diabetes mellitus	2022	9	Biomedicine & Pharmacotherapy	YES	153				0753-3322	JOURNAL
90	Alexa Florina Bungau., Paul Andrei Negru., Tapan Behl., Denisa Claudia Miculas., Ruxandra-cristina Marin., Simona Gabriela Bungau	Virtual screening of substances used in the treatment of SARS-CoV-2 infection and analysis of compounds with known action on structurally similar proteins from other viruses	2022	9	Biomedicine and Pharmacotherapy	YES	153				0753-3322	JOURNAL
91	Dvya Delilaa Clarence., Nitin Verma., Kamal Dua., Hari Prasad Devkota	Unravelling the Therapeutic Potential of Nano-Delivered Functional Foods in Chronic Respiratory Diseases	2022	9	Nutrients	YES	14	18			2072-6643	JOURNAL
92	Udesh Kaushal., Malkiet Kaur., Manju Nagpal., Madhusmita Bhuyan., Kailasam Periyana Gounder	Nanocarriers Based Ocular Therapeutics: Updates, Challenges and Future Prospectives	2022	9	Current Drug Research Reviews	YES	15	1	15	28	2589-9775	JOURNAL
93	Khursheed R., Wadhwa S., Kumar B., Gulati M., Gupta S., Chaitanya M.V.N.L., Kumar D., Jha N.K., Gupta G., Prasher P., Chellappan D.K., Dua K., Singh S.K.	Development and validation of RP-HPLC based bioanalytical method for simultaneous estimation of curcumin and quercetin in rat's plasma	2022	9	South African Journal of Botany	YES	149		870	877	0254-6299	JOURNAL
94	Ramanunni A.K., Wadhwa S., Gulati M., Gupta S., Porwal O., Jha N.K., Gupta P.K., Kumar D., Prasher P., Dua K., Saqr A.A., Almawash S., Singh S.K.	Development and validation of RP-HPLC method for 1 β -Acetoxychavicol acetate (ACA) and its application in optimizing the yield of ACA during its isolation from Alpinia galanga extract as well as its quantification in nanoemulsion	2022	9	South African Journal of Botany	YES	149		887	898	0254-6299	JOURNAL
95	Vishakha Jaiswal., Deepika Raina., Nvs Madhav	Nelumbo nucifera: Potential biopolymer for site specific drug delivery	2022	9	Materials Today: Proceedings	YES						CONFERENCE
96	Sneha Pandey., Newly Bagang., Kirti Gupta., Gaamine Preet Singh., Sakshi Rajput	Wnt/ β -Catenin inhibitor pyrivinium attenuates cisplatininduced acute kidney injury by possibly reducing platinum uptake and accumulation mediated by reduced OCT-2 expressions	2022	9	Canadian Journal of Physiology and Pharmacology	YES	100	12	1115	1134	Aug-12	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_P_Age	P_Page	ISSN/ISBN	PublicationType
97	Lalit Kumar., Shivani Verma., Kajal Joshi., Sumit Sharma	EXPLORING THERAPEUTIC POTENTIAL OF ANTICANCER HETEROCYCLIC COMPOUNDS: ROLE IN NANOSCALE PHARMACOTHERAPY	2022	9	Critical Reviews in Therapeutic Drug Carrier Systems	YES	40	3	47	94	0743-4863	JOURNAL
98	Priyanka Rana., Poonam Arora., Tanzeer Kaur., Akansha Sharma., Neelima Dhingra	Synthesis, Characterization and Evaluation of 5 α - Δ^4 -Dihalo Androstene Derivatives as 5 α -Reductase Inhibitors	2022	9	Current Enzyme Inhibition	YES	18	3	180	193	1573-4080	JOURNAL
99	Rishabh Chaudhary., Sumeet Gupta., Samrat Chauhan	Protein Uncoupling as an Innovative Practice in Diabetes Mellitus Treatment: A Metabolic Disorder	2022	9	Endocrine, Metabolic and Immune Disorders - Drug Targets	YES	22				1871-5303	JOURNAL
100	Rupesh K Gautam., Dinesh Kumar Mishra., Hitesh Chopra., Rajat Goyal., Navidha Aggarwal	Edible Mushroom assisted synthesis and applications of metal nanoparticles: A comprehensive review	2022	10	Journal of Integrated Science and Technology	YES	11	2	1	9	2321-4635	JOURNAL
101	Arvind Sharma., Rakesh K Sindhu., Moksha Sofat., Harnoor Kaur., Ayushi Taneja., M Arockia Babu., Vibha Singh., Bhavya Hans., Yuvraj Singh., Vineeta Rohilla., Ashok Kumar., K A Shaima	Nanodelivery based Chinese medicine's bioactive compounds for treatment of respiratory disorders	2022	10	Pharmacological Research - Modern Chinese Medicine	YES	5				2667-1425	JOURNAL
102	Varinder Singh., Pratima Kumari., Hitesh Chopra., Sanjay Goel., Ravinder Singh., Harmanjit Singh., Rohit Sharma., Eugenie Nepovimova., Martin Valis., Kamil Kuca., Talha Bin Emran	Metformin: Activation of 5 α -AMP-activated protein kinase and its emerging potential beyond anti-hyperglycemic action	2022	10	Frontiers in Genetics	YES	13				1664-8021	JOURNAL
103	Sindhoor S M., N Raghavendra Naveen., Gsn Koteswara Rao., Gopika Gopan., Hitesh Chopra., Moon Nyeo Park., Mohammed Merae Alshahrani., Jobin Jose., Talha Bin Emran., Bonglee Kim	A spotlight on alkaloid nanoformulations for the treatment of lung cancer	2022	10	Frontiers in Oncology	YES	12				2234-943X	JOURNAL
104	Sehgal A., Behl T., Singh S., Sharma N., Albratty M., Alhazmi H.A., Meraya A.M., Aleya L., Sharma A., Bungau S	Exploring the pivotal role of endothelin in rheumatoid arthritis	2022	10	Inflammopharmacology	YES	30	5	1555	1567	0925-4692	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
105	Goyal S., Sood A., Gautam I., Pradhan S., Mondal P., Singh G., Jaura R.S., Singh T.G., Sibia R.S.	Serum protease-activated receptor (PAR-1) levels as a potential biomarker for diagnosis of inflammation in type 2 diabetic patients	2022	10	Inflammopharmacology	YES	30	5	1843	1851	0925-4692	JOURNAL
106	Heena Khan., Chanchal Tiwari., Amarjot Kaur., Thakur Gurjeet Singh., Simran Chauhan	Pharmacological modulation of phosphodiesterase-7 as a novel strategy for neurodegenerative disorders	2022	10	Inflammopharmacology	YES	30	6	2051	2061	0925-4692	JOURNAL
107	Shubham Upadhayay., Richmond Arthur., Divya Soni., Poonam Yadav., Umashanker Navik., Randhir Singh., Thakur Gurjeet Singh., Puneet Kumar	Monkeypox infection: The past, present, and future	2022	10	International Immunopharmacology	YES	113				1567-5769	JOURNAL
108	Anju Sharma., Hitesh Chopra., Inderbir Singh., Talha Bin Emran	Physically and chemically crosslinked hydrogels for wound healing applications	2022	10	International Journal of Surgery	YES	106				1743-9191	JOURNAL
109	Napapat Rattanachitthawat., Pornsak Sriamornsak., Vivek Puri., Inderbir Singh., Kampanart Huanbutta., Tanikan Sangnim	Bioactivity assessment of Zingiber zerumbet Linn rhizome extract for topical treatment of skin diseases	2022	10	Journal of Applied Pharmaceutical Science	YES	13	3	168	174	2231-3354	JOURNAL
110	Neha Chauhan., Sharuk L Khan., Falak A Siddiqui., Fahadul Islam., Hitesh Chopra., Talha Bin Emran	Ethosomes: A novel drug carrier	2022	10	Annals of Medicine and Surgery	YES	82				2049-0801	JOURNAL
111	Rupinder Kaur., Varinder Singh., Pratima Kumari., Ravinder Singh., Hitesh Chopra., Talha Bin Emran	Novel insights on the role of VCAM-1 and ICAM-1: Potential biomarkers for cardiovascular disease	2022	10	Annals of Medicine and Surgery	YES	84				2049-0801	JOURNAL
112	Harsh Kumar., Navidha Aggarwal., Minakshi Gupta Marwaha., Aakash Deep., Hitesh Chopra., Mohammed M Matin., Arpita Roy., Talha Bin Emran., Yugal Kishore Mohanta., Tapan Kumar Mohanta., Muthupandian Saravanan., Ahmed Al-harrasi., Ramzan Ahmed., Rakesh Kumar Marwaha	Thiazolidin-2,4-Dione Scaffold: An Insight into Recent Advances as Antimicrobial, Antioxidant, and Hypoglycemic Agents	2022	10	Molecules	YES	27	19			1420-3049	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mon th	Journal_Nam e	Scop us	Vol_ No	Issu e_No	B_Pag e	P_Pa ge	ISSN/ ISBN	Publicati onType
113	Ahmed I Foudah., Aftab Alam., Mohammed H Alqarni., Sushma Devi., Mohammad A Salkini., Prawez Alam	Rutin Improves Anxiety and Reserpine-Induced Depression in Rats	2022	10	Molecules	YES	27	21			1420- 3049	JOURNAL
114	Pottathil Shinu., Somdutt Mujwar., Manu Sharma., Girdhari Lal Gupta., Mahmoud Kandeel., Manish Kumar., Anroop B Nair., Manoj Goyal., Mahesh Attimarad., Katharigatta N Venugopala., Sreeharsha Nagaraja., Mallikarjun Telsang., Bandar E Aldhubiab., Mohamed A Morsy	Computational Design, Synthesis, and Pharmacological Evaluation of Naproxen-Guaiacol Chimera for Gastro-Sparing Anti- Inflammatory Response by Selective COX2 Inhibition	2022	10	Molecules	YES	27	20			1420- 3049	JOURNAL
115	Gaber El-saber Batiha., Nosheen Akhtar., Abdulrahman A Alsayegh., Wafaa Fouzi Abusudah., Najlaa Hamed Almohmadi., Hazem M Shaheen., Thakur Gurjeet Singh., Michel De Waard	Bioactive Compounds, Pharmacological Actions, and Pharmacokinetics of Genus Acacia	2022	10	Molecules	YES	27	21			1420- 3049	JOURNAL
116	Shareen Singh., Thakur Gurjeet Singh	Imatinib Attenuates Pentylenetetrazole Kindled and Pilocarpine Induced Recurrent Spontaneous Seizures in Mice	2022	10	Neurochemical Research	YES	48	2	418	434	0364- 3190	JOURNAL
117	Veerta Sharma., Thakur Gurjeet Singh., Amarjot Kaur., Ashi Mannan., Sonia Dhirman	Brain-Derived Neurotrophic Factor: A Novel Dynamically Regulated Therapeutic Modulator in Neurological Disorders	2022	10	Neurochemical Research	YES	48	2	317	339	0364- 3190	JOURNAL
118	Manish Kumar., Komalpreet Kaur., Thakur Gurjeet Singh	Neuroprotective Effects of Carbonic Anhydrase Inhibition and Cyclic Adenosine Monophosphate Activation in Mouse Model of Transient Global Cerebral Ischemia and Reperfusion	2022	10	NeuroMolecula r Medicine	YES	273		1	3	1535- 1084	JOURNAL
119	Ritu Rathi., Sanshita., Alpesh Kumar., Vivekanand Vishvakarma., Kampanart Huanbutta., Inderbir Singh., Tanikan Sangnim	Advancements in Rectal Drug Delivery Systems: Clinical Trials, and Patents Perspective	2022	10	Pharmaceutics	YES	14	10	1	26	1999- 4923	JOURNAL
120	Isha Rani., Anju Goyal., M Sharma	Computational Design of Phosphatidylinositol 3-Kinase Inhibitors	2022	10	Assay and Drug Development Technologies	YES	20	7	317	337	1540- 658X	JOURNAL

PUBLICATIONS

SINO	Authors	Article_Title	Year	Month	Journal_Nam e	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
121	Viney Kumar., Samrat Chauhan., Partha Roy	Pterostilbene-isothiocyanate impedes RANK/TRAF6 interaction to inhibit osteoclastogenesis, promoting osteogenesis in vitro and alleviating glucocorticoid induced osteoporosis in rats	2022	10	Biochemical Pharmacology	YES	206				Jun-52	JOURNAL
122	Maninderjit Singh Khanna., Nitin Kumar Saluja., Varinder Singh	A review on thermochemical conversion process for energy applications by using rice straw	2022	10	Materials Today: Proceedings	YES	71		339	345		JOURNAL
123	Onkar Bedi., Gulsheen	Proposed hypothesis: calpain-10 (CAPN10) gene stimulation in the management of dual disease model of diabetic liver injury	2022	10	Current Science	YES	123	7	839	839	Nov-91	JOURNAL
124	Simona Gabriela Bungau., Saurabh Bhatia., Tarapati Rani., Tapan Behl., Neelam Sharma., Hafiz A Makeen	Exploring the role of biologics in depression	2022	10	Cellular Signalling	YES	98				0898-6568	JOURNAL
125	Sumel Ashique., Gabriele De Rubis., Ekta Sirohi., Neeraj Mishra., Mohd Riham., Ashish Garg., Ruby-jean Reyes., Bikash Manandhar., Shvetank Bhatt., Niraj Kumar Jha., Thakur Gurjeet Singh., Gaurav Gupta., Sachin Kumar Singh., Dinesh Kumar Chellappan., Keshav Raj Paudel., Philip M Hansbro., Brian G Oliver., Kamal Dua	Short Chain Fatty Acids: Fundamental mediators of the gut-lung axis and their involvement in pulmonary diseases	2022	10	Chemico-Biological Interactions	YES	368		110231	110231	Sep-97	JOURNAL
126	Sumel Ashique., Gabriele De Rubis., Ekta Sirohi., Neeraj Mishra., Mohd Riham., Ashish Garg., Ruby-jean Reyes., Bikash Manandhar., Shvetank Bhatt., Niraj Kumar Jha., Thakur Gurjeet Singh., Gaurav Gupta., Sachin Kumar Singh., Philip M Hansbro., Brian G Oliver., Kamal Dua., Dinesh Kumar Chellappan., Keshav Raj Paudel	Short Chain Fatty Acids: Fundamental mediators of the gut-lung axis and their involvement in pulmonary diseases	2022	10	Chemico-Biological Interactions	YES	368		110231	110231	Sep-97	JOURNAL
127	Rajni Bala., Rakesh Sindhu., Reecha Madan., Shantanu	PROTAC: A Novel drug delivery technology for targeting proteins in cancer cells	2022	10	Current Drug Discovery Technologies	YES	20				1570-1638	JOURNAL
128	Malkiet Kaur., Manju Nagpal., Geeta Aggarwal	Nanotechnology for targeted drug delivery to treat osteoporosis	2022	10	Current Drug Targets	YES	23				1389-4501	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ISBN	PublicationType
129	Neelam Sharma., Tapan Behl., Sukhbir Singh., Parneet Kaur., Ishrat Zahoor., Syam Mohan., Mahesh Rachamalla., Hamed Ghaleb Dailah., Yosif Almoshari., Ahmad Salawi., Meshal Alshamrani	Targeting Nanotechnology and Nutraceuticals in Obesity: An Updated Approach	2022	10	Current Pharmaceutical Design	YES	28				1381-6128	JOURNAL
130	Shambhavi Srivastava., Ankit Kumar Dubey., Reecha Madan., Rajni Bala., Yugam Gupta., Bahadur Singh Dhiman., Suresh Kumar	Emergence of nutrigenomics and dietary components as a complementary therapy in cancer prevention	2022	11	Environmental Science and Pollution Research	YES	29	60	89853	89873	0944-1344	JOURNAL
131	Anuja Singh., Tapan Behl., Aayush Sehgal., Sukhbir Singh., Neelam Sharma., Maaz Naqwi., Anil Mavi., Randhir Singh	Exploring the role of exosomes in rheumatoid arthritis	2022	11	Inflammopharmacology	YES	31	1	119	128	0925-4692	JOURNAL
132	Sharma P., Kumar A., Agarwal T., Dey A.D., Moghaddam F.D., Rahimmanesh I., Ghovvati M., Yousefi S., Borzacchiello A., Mohammadi A., Yella V.R., Moradi O., Sharifi E.	Nucleic acid-based therapeutics for dermal wound healing	2022	11	International Journal of Biological Macromolecules	YES	220		920	933	0141-8130	JOURNAL
133	Jobin Jose., Kartik Bhairu Khot., Prajna Shastri., Gopika Gopan., Akshay Bandiwadekar., Simi P Thomas., Sabith Muhammad T., Sanjay R Ugare., Hitesh Chopra., Priyanka., Om Prakash Choudhary	Recent advancements in microneedle-based vaccine delivery	2022	11	International Journal of Surgery	YES	107				1743-9191	JOURNAL
134	Joga Singh., Ashish Sutttee., Ravi Pratap Barnwal., Indu Pal Kaur., Gurpal Singh., Bhupinder Singh., Anjali Pant., Taranvir Kaur., Teenu Sharma	A glass matrices-assisted quantum dots-based biosensor for selective capturing and detection of Escherichia coli	2022	11	Journal of Water and Health	YES	20	12	1673	1687	1477-8920	JOURNAL
135	Rupinder Kaur., Ravinder Singh	Mechanistic insights into CKD-MBD-related vascular calcification and its clinical implications	2022	11	Life Sciences	YES	311		121148	121148	0024-3205	JOURNAL
136	Firzan Nainu., Sukamto S Mamada., Ayu Masyita., Andri Frediansyah., Rifka Nurul Utami., Mirnawati Salampe., Talha Bin Emran., Clara Mariana Gonçalves Lima., Hitesh Chopra., Jesus Simal-gandara	Marine Macrolides to Tackle Antimicrobial Resistance of Mycobacterium tuberculosis	2022	11	Marine Drugs	YES	20	11			1660-3397	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mont_h	Journal_Name	Scopus	Vol_No	Issue_No	B_Pag_e	P_Pag_e	ISSN/ ISBN	PublicationType
137	Kumar H., Goyal A., Kumar N., Garg P.	Design, Synthesis, and biological evaluation of pyrazolo-benzothiazole derivatives as a potential therapeutic agent for the treatment of Alzheimer's disease	2022	11	Medicinal Chemistry Research	YES	31	11	1931	1947	1054-2523	JOURNAL
138	Yashendra Sethi., Nirja Kaka., Hitesh Chopra., Talha Bin Emran	Legionella pneumonia in Argentina: A disease cluster to worry about	2022	11	Annals of Medicine and Surgery	YES	84				2049-0801	JOURNAL
139	Yashendra Sethi., Nirja Kaka., Hitesh Chopra., Navidha Aggarwal., Sonia Arora., Talha Bin Emran	Recent poliovirus outbreaks and vaccination: A perspective	2022	11	Annals of Medicine and Surgery	YES	84				2049-0801	JOURNAL
140	Mateusz Kciuk., Somdukt Mujwar., Isha Rani., Kavita Munjal., Adrianna Gielecińska., Renata Kontek., Kamal Shah	Computational Bioprospecting Guggulsterone against ADP Ribose Phosphatase of SARS-CoV-2	2022	11	Molecules	YES	27	23			1420-3049	JOURNAL
141	Palak Kalra., Heena Khan., Thakur Gurjeet Singh., Amarjot Kaur Grewal	Mechanistic insights on impact of Adenosine monophosphate-activated protein kinase (AMPK) mediated signalling pathways on cerebral ischemic injury	2022	11	Neuroscience Research	YES	190		17	28	0168-0102	JOURNAL
142	Om Prakash Choudhary., Priyanka., Hitesh Chopra., Maryam Shafaati., Manish Dhawan., Asmaa A Metwally., Abdulrahman A Saied., Ali A Rabaan., Saad Alhumaid., Abbas Al Mutair., Rupan Sarkar	Reverse zoonosis and its relevance to the monkeypox outbreak 2022	2022	11	New Microbes and New Infections	YES	49-50		101049	101049	2052-2975	JOURNAL
143	Saurabh Bhatia., Mohammed Albratty., Hassan A Alhazmi., Abdulkarim M Meraya., Tapan Behl., Tarapati Rana., Aayush Sehgal., Hafiz A Makeen., Monika Sachdeva	Phytochemicals targeting nitric oxide signaling in neurodegenerative diseases	2022	11	Nitric Oxide - Biology and Chemistry	YES	130		1	11	1089-8603	JOURNAL
144	Sajal Jain., Ritu Rathi., Upendra Nagaich., Inderbir Singh	Co-processed tablet excipient composition, its preparation and use: US10071059 B2: patent spotlight	2022	11	Pharmaceutical patent analyst	YES	12	1	19	25	2046-8954	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
145	Motamarri Venkata Naga Lalitha Chaitanya., Arya Kadukkattil Ramanunni., Malakapogu Ravindra Babu., Monica Gulati., Sukriti Vishwas., Thakur Gurjeet Singh., Dinesh Kumar Chellappan., Jon Adams., Kamal Dua., Sachin Kumar Singh	Journey of Rosmarinic Acid as Nano-Biomedicine for Treating Cancer: Current Strategies and Future Perspectives	2022	11	Pharmaceutics	YES	14	11	1	24	1999-4923	JOURNAL
146	Rihal V., Khan H., Kaur A., Singh T.G., Abdel-Daim M.M.	Therapeutic and mechanistic intervention of vitamin D in neuropsychiatric disorders	2022	11	Psychiatry Research	YES	317				0165-1781	JOURNAL
147	Hardeep Singh Tuli., Sheetu Sharma., Jagjit Kaur., Mehmet Varol., Gautam Sethi	Molecular mechanisms behind ROS regulation in cancer: A balancing act between augmented tumorigenesis and cell apoptosis	2022	11	Archives of Toxicology	YES	97	1	103	120	0340-5761	JOURNAL
148	Yashendra Sethi., Neil Patel., Nirja Kaka., Ami Desai., Oroshay Kaiwan., Mili Sheth., Rupal Sharma., Hitesh Chopra., Helen Huang., Mayeen Uddin Khandaker., Talha Bin Emran., Maha M A Lashin., Zuhail Y Hamd	Artificial Intelligence in Pediatric Cardiology: A Scoping Review	2022	11	Journal of Clinical Medicine	YES	11	23			2077-0383	JOURNAL
149	Inderbir Singh., Manjinder Singh., Vivek Puri., Manju Nagpal., Gitika Arora Dhingra., Kampanart Huanbutta., Divya Dheer., Ameya Sharma., Tanikan Sangnim	A Comprehensive Review on Nutraceuticals: Therapy Support and Formulation Challenges	2022	11	Nutrients	YES	14	21			2072-6643	JOURNAL
150	Ahmed I Foudah., Sushma Devi., Mohammed H Alqarni., Aftab Alam., Mohammad Aymam Salkini., Manish Kumar., Husam Saad Almalki	Quercetin Attenuates Nitroglycerin-Induced Migraine Headaches by Inhibiting Oxidative Stress and Inflammatory Mediators	2022	11	Nutrients	YES	14	22			2072-6643	JOURNAL
151	Arem Qayyum., Somdutt Mujwar., Nidhi Gupta., Payare L Sangwan	Isolation, Cytotoxicity Evaluation, Docking, ADMET and Drug Likeness Studies of Secondary Metabolites from the Stem Bark of Anthocephalus cadamba (Roxb.)	2022	11	ChemistrySelect	YES	7	43			2365-6549	JOURNAL
152	Singh N.P., Sarathy P., Mantri A., Singh G., Ghosh D., Singh T.G., Saluja N.K., Kaur R.	Spatio-temporal pattern representation from AI inspired brain model in spiking neural network	2022	11	Biointerface Research in Applied Chemistry	YES	12	5	6618	6631	2069-5837	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mon th	Journal_Name	Scopus	Vol_No	Issue_No	B_Pag_e	P_Pag_e	ISSN/ ISBN	PublicationType
153	Singh S., Batish Y., Sharma N., Arora S., Kakkar V., Batra S.	Unveiling the nanotechnology-based drug delivery systems and patent literature for diabetic retinopathy	2022	11	Biointerface Research in Applied Chemistry	YES	12	5	6651	6667	2069-5837	JOURNAL
154	Talha Bin Emran., Anuranj P R., Harisankaran P S., Adithya Krishna S., Parvathy S., Gautham Prakash., Pran M., Talha Bin Emran., Abhijit Dey., Vishnu Savanth V., Kuldeep Dhama., Deepak Chandran	Essential oils as valuable feed additive: A narrative review of the state of knowledge about their beneficial health applications and enhancement of production performances in poultry	2022	11	Journal of Experimental Biology and Agricultural Sciences	YES	10	6	1290	1317		JOURNAL
155	Jayaprakash Venkatesan., Thangavelu Saravanan., Thangavelu Karuppaian Ravindran., Thangavelu Prabha., Selvaraj Jubie., Jayapalan Sudeepan., Mvnl Chaitanya., Thangavel Sivakumar	Relevance of machine learning to predict the inhibitory activity of small thiazole chemicals on estrogen receptor	2022	11	Current Computer-Aided Drug Design	YES	19				1573-4099	JOURNAL
156	Randhir Singh., Nidhi Rani., Praveen Kumar	Imidazole and Derivatives Drugs Synthesis: A Review	2022	11	Current Organic Synthesis	YES	20				1570-1794	JOURNAL
157	Suryamani., Rakesh Sindhu., Inderbir Singh	Phytosterols: physiological functions and therapeutic applications	2022	12	Bioactive Food Components Activity in Mechanistic Approach	YES			223	238	978-0-12-823569-0	BOOK CHAPTER
158	Priti Jain., Inderbir Singh., Sanjay J Surana., Atul A Shirkhedkar	Tocopherols and tocotrienols: the essential vitamin E	2022	12	Bioactive Food Components Activity in Mechanistic Approach	YES			139	154	978-0-12-823569-0	BOOK CHAPTER
159	Neelam Sharma., Shahid Nazir Wani., Tapan Behl., Sukhbir Singh., Ishrat Zahoor., Aayush Sehgal., Saurabh Bhatia., Ahmed Al-harrasi., Lotfi Aleya., Simona Bungau	Focusing COVID-19-associated mucormycosis: a major threat to immunocompromised COVID-19	2022	12	Environmental Science and Pollution Research	YES	30	4	9164	9183	0944-1344	JOURNAL
160	Tapan Behl., Arpita Arora., Rajeev K Singla., Aayush Sehgal., Hafiz A Makeen., Mohammed Albratty., Abdulkarim M Meraya., Asim Najmi., Simona Gabriela Bungau	Understanding the role of "sunshine vitamin D" in Parkinson's disease: A review	2022	12	Frontiers in Pharmacology	YES	13				1663-9812	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mont_h	Journal_Nam_e	Scopus	Vol_No	Issue_No	B_Page	P_Page	ISSN/ ISBN	PublicationType
161	Sarita Simaiya., Rajwinder Kaur., Jasminder Kaur Sandhu., Majed Alsafyani., Martin Margala., Prasun Chakrabarti., Roobaea Alroobaea., Deema Mohammed Alsekaite	A novel multistage ensemble approach for prediction and classification of diabetes	2022	12	Frontiers in Physiology	YES	13				1664-042X	JOURNAL
162	Shreya Sood., Sushma Devi., Thakur Gurjeet Singh., Nishant Yadav., Parveen Kumar., Arindam Chatterjee	Exosomes as Crucial Player in Insulin Resistance and Obesity: Potential Therapeutic Approach	2022	12	International Journal of Pharmaceutical Quality Assurance	YES	13	4	510	521	0975-9506	JOURNAL
163	Rahul Kumar Sharma., Asmat Azmi., Talha Bin Emran., Nirja Kaka., Yashendra Sethi., Hitesh Chopra	Role of gut hormones in diabetes mellitus: An update	2022	12	International Journal of Surgery	YES	108				1743-9191	JOURNAL
164	Abdulrahman A Saied., Deepak Chandran., V G Nandanagopal., Malu Gopan., K Megha., C R Hari Sankar., M Pran., Firzan Nainu., Hitesh Chopra., Abhijit Dey., M K Muhammad Aslam., Vishnu Savanth., Mohd Iqbal Yatoo., Mohammad Ebad Ur Rehman., Talha Bin Emran., Anil K Sharma., Kuldeep Dhama	Major Advances in Monkeypox Vaccine Research and Development “An Update	2022	12	Journal of Pure and Applied Microbiology	YES	16	S1	3083	3095	0973-7510	JOURNAL
165	Deepak Chandran., M K Muhammad Aslam., Hitesh Chopra., Talha Bin Emran	Changing Patterns in the Spread of Human Monkeypox: A Dangerous New Development in Disease Epidemiology	2022	12	Journal of Pure and Applied Microbiology	YES	16	1	3106	3118	0973-7510	JOURNAL
166	Hafiz A Makeen., Abdulkarim M Meraya., Asim Najmi., Vaibhav Jain., Tapan Behl., Aayush Sehgal., Sukhbir Singh., Neelam Sharma., Mohammed Albratty	Therapeutic Molecular Insights into the Active Engagement of Cannabinoids in the Therapy of Parkinson’s Disease: A Novel and Futuristic Approach	2022	12	Neurotoxicity Research	YES	41	1	85	102	1029-8428	JOURNAL
167	Simran Chauhan., Tapan Behl., Aayush Sehgal., Sukhbir Singh., Neelam Sharma., Sumeet Gupta., Mohammed Albratty., Asim Najmi., Abdulkarim M Meraya., Hassan A Alhazmi	Understanding the Intricate Role of Exosomes in Pathogenesis of Alzheimer’s Disease	2022	12	Neurotoxicity Research	YES	40	6	1758	1773	1029-8428	JOURNAL
168	Neeraj Mittal., Prabhat Kumar Behera., Sushma Devi	Therapeutic potential of gallic acid in obesity: Considerable shift!	2022	12	Obesity Medicine	YES	37				2451-8476	JOURNAL

PUBLICATIONS

SINO	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Vol_No	Issue_No	B_P_age	P_P_age	ISSN / ISBN	PublicationType
169	Deeksha Joshi., Rubiya Khursheed., Saurabh Gupta., Diksha Wadhwa., Thakur Gurjeet Singh., Sumit Sharma., Sejal Porwal., Swati Gauniyal., Sukriti Vishwas., Sanjay Goyal., Gaurav Gupta., Rajaraman D Eri., Kylie A Williams., Kamal Dua., Sachin Kumar Singh	Biosimilars in Oncology: Latest Trends and Regulatory Status	2022	12	Pharmaceutics	YES	14	2			1999-4923	JOURNAL
170	Kampanart Huanbutta., Napapat Rattanachitthawat., Kunlathida Luangpraditkun., Pornsak Sriamornsak., Vivek Puri., Inderbir Singh., Tanikan Sangnim	Development and Evaluation of Ethosomes Loaded with Zingiber zerumbet Linn Rhizome Extract for Antifungal Skin Infection in Deep Layer Skin	2022	12	Pharmaceutics	YES	14	12	1	12	1999-4923	JOURNAL
171	Neha Kanojia., Anita Antil., Neelam Sharma., Sukhbir Singh	Application of Central Composite Design for Formulation and Optimization of Solid Dispersion for Dissolution Rate Enhancement of BCS Class II Drug	2022	12	Research Journal of Pharmacy and Technology	YES	15	12	5659	5664	0974-3618	JOURNAL
172	Yashendra Sethi., Hamsa Murli., Oroshay Kaiwan., Vidhi Vora., Pratik Agarwal., Hitesh Chopra., Inderbir Padda., Manasa Kanithi., Mihaela Simona Popoviciu., Simona Cavalu	Broken Heart Syndrome: Evolving Molecular Mechanisms and Principles of Management	2022	12	Journal of Clinical Medicine	YES	12	1	125	125	2077-0383	JOURNAL
173	Neil Patel., Yashendra Sethi., Nirja Kaka., Oroshay Kaiwan., Ishita Gupta., Rahma Sameh Shaheen., Shady Sapoor., Hitesh Chopra., Mihaela Simona Popoviciu., Talha Bin Emran., Simona Cavalu	Acute Hepatitis of Unknown Origin in Pediatric Age Group: Recent Outbreaks and Approach to Management	2022	12	Journal of Clinical Medicine	YES	12	1			2077-0383	JOURNAL
174	Bhumika Mangla., Deepinder Singh	Polymeric approach for formulating sustained release floating tablets of domperidone: An in-vivo investigation	2022	12	Materials Today: Proceedings	YES						JOURNAL
175	Panesar Gulsheen., Sonali Batra., Sumit Sharma	Automation: A revolutionary vision of artificial intelligence in therapeutics	2022	12	Bulletin du Cancer[Cancer Bulletin	YES	110	2	233	241	Jul-51	JOURNAL
176	Ishnoor Kaur., Manju Nagpal., Ameya Sharma., Divya Dheer., Neha Bhandari., Pradeep Kumar., D Nagasamy Venkatesh., Vivek Puri. Inderbir Singh	A propitious role of marine source based PLS: Drug delivery and biomedical applications	2022	12	Carbohydrate Polymers	YES	308		120448	120448	0144-8617	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Month	Journal_Name	Scopus	Volume No	Issue No	B_Page	P_Page	ISSN/ ISBN	PublicationType
177	Ameva Sharma., Ishnoor Kaur., Divya Dheer., Manju Nagpal., Neha Bhandari., Pradeep Kumar., D Nagasamy Venkatesh., Vivek Puri., Inderbir Singh	A propitious role of marine source based PLS: Drug delivery and biomedical applications	2022	12	Carbohydrate Polymers	YES	308		120448	120448	0144-8617	JOURNAL
178	Kuldeep Dhama., Deepak Chandran., Hitesh Chopra., Md Aminul Islam., Talha Bin Emran., Mohammad Ebad Ur Rehman., Abhijit Dey., Praveen S V., Ranjan K Mohapatra., Pran Mohankumar., Anil Kumar Sharma., Prosun Bhattacharya	SARS-CoV-2 emerging Omicron subvariants with a special focus on BF.7 and XBB.1.5 recently posing fears of rising cases amid ongoing COVID-19 pandemic	2022	12	Journal of Experimental Biology and Agricultural Sciences	YES	10	6	1215	1221		JOURNAL
179	Kajal Garg., Rajat Goyal., Deepak Chandran., Pran Mohankumar., Sumeet Gupta., Rupesh K Gautam., Hitesh Chopra., Kuldeep Dhama	Medicalization of sexuality and sexual health: A perspective review	2022	12	Journal of Experimental Biology and Agricultural Sciences	YES	10	6	1241	1252		JOURNAL
180	Hari Sankar C R., Sheela P., Mohd Iqbal Yattoo., Kuldeep Dhama., Talha Bin Emran	Potential effects of essential oils in safeguarding the health and enhancing production performance of livestock animals: The current scientific understanding	2022	12	Journal of Experimental Biology and Agricultural Sciences	YES	10	6	1222	1240		JOURNAL
181	Vidhi Vora., Pratik Agarwal., Yashendra Sethi., Nidhi Uniya., Hamsa Murli., Archi Joshi., Neil Patel., Hitesh Chopra., Elfatih A Hasabo., Nirja Kaka	Hypertension the “Missed Modifiable Risk Factor” for Diabetic Neuropathy: A Systematic Review	2022	12	Current Problems in Cardiology	YES	48	4	101581	101581	0146-2806	JOURNAL
182	Joshi D., Saurabh Gupta., Singh T G., Prashar A., Gauniyal S., Singh S K	A study of various existing interventions for the treatment of hypertension in the Indian market under the Jan Aushadhi Scheme: A price control aspect for consideration(Article)	2022		Journal of Health Policy & Outcomes Research	YES	2022	1	37	52	254360 4X	JOURNAL
183	Mehta S	Sodium glucose Co-Transporter-2	2022		Natural Products for Treatment of Metabolic Syndrome	YES			119	127	979-8-8869-7233-7	BOOK CHAPTER
184	Nidhi Rani., Randhir Singh., Rohini Agrawal., Praveen Kumar Rajwinder Kaur.,	Molecular docking study of asafetida phytoconstituents as 141±-demethylase and transpeptidase inhibitors	2022		Advances in Biology	YES	2		261	273	979-8-8869-7435-5	BOOK CHAPTER

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mont_h	Journal_Name	Scopus	Vol_No	Issue_No	B_Pag_e	P_Pag_e	ISSN/ ISBN	PublicationType
185	Bhatti M., Sood A., Kaur R	Role of fatty acids in metabolic syndrome treatment	2022		Natural Products for Treatment of Metabolic Syndrome	YES			271	282	979-8-8869-7233-7	BOOK CHAPTER
186	Garg M., Kaur R., Arora P., Vaid L., Tamboli E T., Singh C	Role of phytosterols in metabolic syndrome	2022		Natural Products for Treatment of Metabolic Syndrome	YES			261	270	979-8-8869-7233-7	BOOK CHAPTER
187	Kaur G., Sharma V., Sharma P., Rani N	Lipoprotein lipase	2022		Natural Products for Treatment of Metabolic Syndrome	YES			145	159	979-8-8869-7233-7	BOOK CHAPTER
188	Kaur G., Sharma V., Sharma P., Singla D., Rani N	Farnesoid X receptors	2022		Natural Products for Treatment of Metabolic Syndrome	YES			161	169	979-8-8869-7233-7	BOOK CHAPTER
189	Sharma P., S Singh., Grewal A	Natural glucokinase activators	2022		Natural Products for Treatment of Metabolic Syndrome	YES			335	343	979-8-8869-7233-7	BOOK CHAPTER
190	Singla D., Chaudhary B., Arya P., Sharma P., Sharma V., L Rani., Kaushik P	COVID-19 and metabolic syndrome	2022		Natural Products for Treatment of Metabolic Syndrome	YES			357	364	979-8-8869-7233-7	BOOK CHAPTER
191	Ishtat Zahoor., Neelam Sharma., Tapan Behl., Sukhbir Singh	Diagnostic Analysis and Graphical Optimization of Fenoprofen Calcium-loaded Nanostructured Lipid Carriers using Design of Experiments	2022		International Journal of Pharmaceutical Quality Assurance	YES	13	3	240	246	0975-9506	JOURNAL
192	Arora G., Arora A., Chaudary V., Kamlija M., Kamlija H.	Possible Herbal-Drug Interactions An Evidenced Base Review	2022		Alternative Therapies in Health and Medicine	YES	28	2	70	77	1078-6791	JOURNAL

PUBLICATIONS

SINo	Authors	Article_Title	Year	Mont h	Journal_Name	Scopus	Vol_ No	Issu e_No	B_Pag e	P_Pag e	ISSN/ ISBN	Publicati onType
193	Mizbahul Karim Hemo., Md Aminul Islam., Hitesh Chopra., Mohammad Ruhul Amin., Prosun Bhattacharya., Kuldeep Dhama	Old Enemy with a New Face: Re-emerging Monkeypox Disease – An Update	2022		Journal of Pure and Applied Microbiology	YES			1	17	0973-7510	JOURNAL
194	Gurleen Kaur., Srishti Gautam., Poonam Arora., Neelima Dhingra	Estimation of Synergistic Antioxidant Effect of Methanolic Extracts of Some Medicinal Herbs	2022		Research Journal of Pharmacy and Technology	YES	15	3	1042	1046	0974-3618	JOURNAL
195	Mangla, Buhmik, Deepinder Singh Malik	Polymeric approach for formulating sustained release floating tablets of domperidone: An in-vivo Investigation.	2022		Materials Today: Proceedings.	YES						JOURNAL

Recent FDA approved drugs:

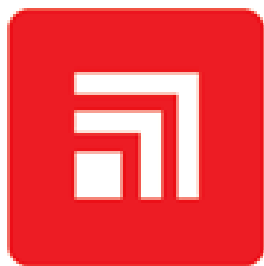


Composed by: Nancy Bansal and Neha Jamwal



Journal of Pharmaceutical Technology, Research and Management

Volume-10 | Number-2 | November 2022



CHITKARA

www.chitkara.edu.in



Journal of Pharmaceutical Technology, Research and Management

Journal of Pharmaceutical Technology, Research and Management, its Advisory, Editorial Board and Publisher, Chitkara University, Administrative Office, Saraswati Kendra, PO Box No. 70, SCO 160-161, Sector 9-C, Chandigarh-160009, INDIA disclaim responsibility and liability for any statement of fact or opinion made by contributors.

Frequency & Subscription:

Journal of Pharmaceutical Technology, Research and Management is published bi-annually.

Number 1: May

Number 2: November

©2022 by Chitkara University, Chandigarh. All Rights Reserved.

ISSN Print : 2321-2217 ISSN Online : 2321-2225

Registered with the Office of The Registrar of Newspapers for India, RNI No. CHAENG/2013/50088

Printed in INDIA

Journal of Pharmaceutical Technology, Research and Management
The Journal of Chitkara University, India

Journal Editorial Team

Patrons	: Dr Ashok K Chitkara Chancellor Chitkara University, Punjab-140401, India Chitkara University, Himachal Pradesh-174103, India Dr Madhu Chitkara Pro Chancellor Chitkara University, Punjab-140401, India
Chief Advisors	: Dr Varinder S Kanwar Vice Chancellor Chitkara University, Himachal Pradesh-174103, India E-mail: vc@chitkarauniversity.edu.in : Prof (Dr) Archana Mantri Vice Chancellor Chitkara University, Punjab-140401, India E-mail: archana.mantri@chitkara.edu.in
Editor	: Prof (Dr) Thakur Gurjeet Singh Dean Chitkara College of Pharmacy Chitkara University, Punjab-140401, India E-mail: editor.jpترم@chitkara.edu.in
Chief Associate Editor	: Dr Javed Ali School of Pharmaceutical Education and Research Jamia Hamdard, New Delhi-110062, India E-mail: javedaali@yahoo.com
Associate Editor	Dr Inderbir Singh Chitkara College of Pharmacy Chitkara University, Punjab-140401, India E-mail: inderbir.singh@chitkara.edu.in

Journal Editorial Board

Dr A Lakshmana Rao

Department of Pharmaceutics
V. V. Institute of Pharmaceutical Sciences
Andhra Pradesh-521356, India
E-mail: dralrao@gmail.com

Dr Abdelbary Elhissi

School of Pharmacy
Institute of Nanotechnology and Bioengineering
University of Central Lancashire-PR1 2HE
United Kingdom
E-mail: aelhissi@uclan.ac.uk

Prof (Dr) Abhay Asthana

Department of Pharmaceutics Maharishi
Markandeshwar University Haryana-133203,
India
E-mail: abhaypharmacy@gmail.com

Dr Akhilesh Vikram Singh

Department of Material Engineering
Centre For Neuroscience, Karnataka-560012,
India

Dr Alok Mukerjee Department of Pharmacy
United Institute of Pharmacy Uttar Pradesh-
211010, India

E-mail: alokmukerjee2107@gmail.com

Dr Amol Patil

Postgraduate Institute of Medical Education &
Research Chandigarh-160012, India
E-mail: patil.amol@pgimer.edu.in

Dr Anju Goyal

Department of Pharmaceutics
Chitkara University, Punjab-140401, India E-
mail: anju.goyal@chitkara.edu.in

Dr Arvind Sharma

Department of Pharmaceutics
Chitkara University, Punjab-140401, India
Dr Ashish K Rehni
Department of Neurology
Miami University, Florida-33136, USA E-mail:
ashishkrehni@gmail.com

Dr B Narasimhan

Department of Pharmaceutical Sciences
Maharshi Dayanand University, Haryana-
133203, India E-mail: naru2000us@yahoo.com

Dr Biresh K Sarkar

Department of Pharmacy
Central Council for Research in Ayurvedic
Sciences New Delhi-110058, India

Dr CS Gautam

Department of Pharmacology Government
Medical College & Hospital Chandigarh-160047,
India

Dr DN Mishra

Department of Pharmaceutics
Guru Jambheshwar University of Science and
Technology, Haryana-125001, India

Dr Damanpreet Singh

Department of Dietetics & Nutrition Technology
CSIR-Institute of Himalayan Bioresource
Technology Himachal Pradesh-176061, India
E-mail: damanpreet@ihbt.res.in

Dr Delwar Hussain

Department of Pharmaceutics
California Health Sciences University, Clovis-
93612, USA

Prof (Dr) Giordano Pula

Department of Pharmacy and Pharmacology
University of Bath, Bath BA2 7AY, United
Kingdom E-mail: G.Pula@bath.ac.uk

Dr Girish Kr Gupta

Department of Research and Development
Zeon Lifesciences Ltd., Himachal Pradesh-
173025, India E-mail: guptgiri@rediffmail.com

Dr Govind Rajan Raghavan

Department of Research & Development Zydus
Wellness Limited, Gujarat-382481, India E-mail:
govindrajan.raghavan@dabur.com

Dr Gurkishan Singh Chadha

Department of Pharmaceutical Sciences
University of New England, Portland-04103, USA
E-mail: gchadha@une.edu

Dr Harish Dureja

Department of Pharmaceutical Sciences
Maharshi Dayanand University, Haryana-
133203, India E-mail: harishdureja@gmail.com

Journal Editorial Board

Dr Indermeet Singh Anand

Department of Pharmacology
Shri Sarvajani Pharmacy College, Gujarat-
384001, India E-mail: inderlilly@yahoo.com

Dr Indupal Kaur

Department of Pharmaceutical Sciences
University Institute of Pharmaceutical Sciences
Panjab University, Chandigarh-160014, India E-
mail: indupalkaur@yahoo.com

Prof James Hampton-Till

Anglia Ruskin University
Cambridge CB1 1PT, United Kingdom
E-mail: James.Hampton-Till@anglia.ac.uk

Dr Jasjeet Kaur Narang

Department of Pharmaceutics
Khalsa College of Pharmacy, Punjab-143001,
India E-mail: jasjeet2975@yahoo.com

Dr K Joshi Hanumanthachar

Department of Pharmaceutical Sciences Sarada
Vilas College of Pharmacy Karnataka-570004,
India
E-mail: hanjoshi17@yahoo.com

Dr Kalpana Nagpal

Department of Pharmaceutics
Apeejay Styra University, Haryana-122103,
India E-mail: kalpananagpal@gmail.com

Dr Ka-Wai Wan

Department of Pharmacy and Biomedical
Sciences University of Central Lancashire
Preston PR1 2HE, United Kingdom E-mail:
KWan@uclan.ac.uk

Dr Kiran Awancha

Honor Health Research Institute
Arizona Bioindustry Association, AZ 85226,
United States E-mail:
kiran.avancha@hhchealth.com

Dr Mahendra Bishnoi

Department of Biotechnology
National Agri-Food Biotechnology Institute
Punjab-140306, India
E-mail: mbishnoi@nabi.res.in

Dr Manju Nagpal

Department of Pharmaceutics
Chitkara University, Punjab-140401, India
E-mail:
manju.nagpal@chitkarauniversity.edu.in

Dr Manoj K Bhasin

Department of Medicine
Harvard Medical School, Boston-02215, USA
E-mail: mbhasin@bidmc.harvard.edu

Dr Manu Chowdhary

Venus Remedies Limited, Haryana-134113,
India E-mail: jmdoffice@venusremedies.com

Dr Mohan Kori

Department of Pharmacy
Ram Krishna Dharmarth Foundation
University Madhya Pradesh-462033, India
E-mail: mohanlalkori@gmail.com

Dr Mohsin Mohammed

Neuronano Research Center
Lund University, Lund-22100, Sweden E-mail:
mohsin.mohammed@med.lu.se

Dr N Srinivasan

Department of Pharmacy Asian Metropolitan
University Johor Bahru-81750, Malaysia
E-mail: n.srinivasan@amu.edu.my

Dr Oliver Grundmann

Department of Entrepreneurial Programs in
Medicinal Chemistry, University of Florida
Florida-32610, USA
E-mail: grundman@ufl.edu

Dr Oluwatoyin A Odeku

Department of Pharmaceutics & Industrial
Pharmacy University of Ibadan, Ibadan-
200284, Nigeria
E-mail: pejuodeku@yahoo.com

Dr PN Gupta

Department of Toxicology & Formulation
Division CSIR-Indian Institute of Integrative
Medicine Jammu-180001, India
E-mail: pngupta@iiim.ac.in

Dr PL Sharma

Postgraduate Institute of Medical Education &
Research Chandigarh-160012, India
E-mail: plsharmaif@gmail.com

Dr Pravin Pawar

Department of Pharmaceutics
Gourishankar Institute of Pharmaceutical
Education & Research, Maharashtra-415020,
India
E-mail: pkpawar80@yahoo.com

Journal Editorial Board

Dr Pawan Krishan

Department of Pharmaceutical Sciences and
Drug Research, Punjabi University
Punjab-147002, India
E-mail: pawankrishan@rediffmail.com

Prof Pornsak Sriamornsak

Department of Pharmaceutical Technology and
Pharmaceutical Biopolymer Group Silpakorn
University Nakhon Pathom Province-73000,
Thailand
E-mail: pornsak@su.ac.th

Dr Pradeep Kumar

Department of Pharmaceutics WITS Medical
School University of the Witwatersrand
Johannesburg-2000, South Africa E-mail:
pradeep.kumar@wits.ac.za

Dr Prafull Mathur

Rajgopal R&D Consultancy Pvt. Ltd. Gujarat-
391410, India
E-mail: dr.prafull@drdatsons.com

Dr Pratipal Singh

Department of Pharmacology
National Institute of Pharmaceutical Education
and Research, Punjab-160062, India
E-mail: drppsingh2005@gmail.com

Dr Raghuvansh Kishore

Institute of Microbial Technology Chandigarh-
160036, India
E-mail: kishore@imtech.res.in

Dr Rajiv Kundra

SPS Hospitals, Punjab-141001, India
Dr Raman Bahal
Department of Pharmaceutical Sciences
University of Connecticut School of Pharmacy
Connecticut 06269-3092, USA
E-mail: raman.bahal@uconn.edu

Dr Raman Deep Singh Narang

Department of Oral Pathology & Microbiology
SGRD Institute of Dental Sciences & Research
Punjab-143001, India
E-mail: narangraman@yahoo.com

Dr Randhir Dahiya

Department of Pharmacy
Maharishi Markandeshwar University Haryana-
133207, India

Dr Rao VSV Vadlamudi

Department of Pharmaceutics
St. Peter's Institute of Pharmaceutical
Sciences Telangana-506001, India

Dr Reecha Madan

Department of Pharmacognosy Chitkara
University
Punjab-140401, India
E-mail: reecha.madan@chitkara.edu.in

Dr Richie Soong

Cancer Science Institute of Singapore
National University of Singapore-119077,
Singapore
Prof (Dr) Ritu M Gilhotra Suresh Gyan Vihar
University Rajasthan-302017, India
E-mail: ritugilhotra@yahoo.co.in

Dr Rohit Goyal

Department of Pharmacology
Shoolini University, Himachal Pradesh-
173229, India E-mail:
rohit_pharma@yahoo.co.in

Prof (Dr) SC Sharma

Chitkara University, Punjab-140401, India E-
mail: sc.sharma@chitkara.edu.in
Prof (Dr) SR Wakode
Department of Pharmacy
Delhi Institute of Pharmaceutical Sciences and
Research New Delhi-110017, India
E-mail: sharadwakode@gmail.com

Prof SV Krishna Prasad

Cito Healthcare (P) Ltd., Andhra Pradesh-
500013, India E-mail: kp@citohc.com
Dr Sanjula Baboota Department of
Pharmaceutics Jamia Hamdard University New
Delhi-110062, India
E-mail: sbaboota@rediffmail.com

Dr Sanjay Saxena

Department of Biotechnology & Environment
Sciences Thapar University, Punjab-147004,
India
E-mail: ssaxena@thapar.edu

Dr Saurabh Gupta

Chitkara School of Pharmacy
Chitkara University, Punjab-140401, India E-
mail: saurabhgupta80@gmail.com

Journal Editorial Board

Dr Sumit Arora

Department of Oncologic Sciences
USA Mitchell Cancer Institute, Alabama-36604,
USA E-mail: sumitarorar@gmail.com

Dr Suresh Kumar

Department of Pharmaceutical Sciences and
Drug Research, Punjabi University, Punjab-
147002, India E-mail: thakur_pu@yahoo.com

Dr Suvigya Mathur

Department of Biochemistry
Aanjaneya Lifecare Limited, Maharashtra-
400071, India E-mail:
smathur42003@yahoo.co.in

Dr TV Narayana

The Indian Pharmaceutical Association
Maharashtra-400098, India
E-mail: tvnarayana2000@gmail.com

Dr Tara Chand

Regional College of Pharmacy, Rajasthan-
302022, India E-mail:
tarachand2k8@yahoo.com

Prof Tejraj M Aminabhavi

Department of Pharmaceutics
Soniya Education Trust's College of Pharmacy
Karnataka-580002, India

Dr Thakur Gurjeet Singh

Department of Pharmacology
Chitkara University, Punjab-140401, India E-
mail: gurjeetthakur@gmail.com

Dr Vishal Diwan

Department of Pharmacology & Toxicology
University of Otago, Dunedin-9016, New
Zealand

Journal of Pharmaceutical Technology, Research and Management
The Journal of Chitkara University, India

Antianxiety Activity Evaluation of Hibiscus Sabdariffa Linn. Calyces.....119
Gulsheen and Anupam Sharma

Emerging Pathological Events in Liver Diseases of Pregnancy.....123
Rajalaxmi Behera, Amit Kumar, Samrat Chauhan, Amarjot Kaur Grewal and Thakur Gurjeet Singh

Chemical Induced Rodent Model of Autism Spectrum Disorders.....133
Kavita Chauhan, Veerta Sharma, Heena Khan, Amarjot Kaur and Thakur Gurjeet Singh

Co-Crystallization: Approaches, Characterization and Applications in Drug Delivery141
Sayali T. Patil, Monika S. Mane, Kshitija S. Desai, Satyajeet R. Jagdale, Pankaj A. Jadhav and Harshada A. Patil

Comprehensive Regulatory Framework in Current Advancements of Medical Devices151
Hirishita Dhawan, Priyanka Gupta and Anjoo Kamboj

Role of Silver and Gold Nanoparticles in the Management of Diabetes: Current Trends and Perspectives159
Mohammad Amir, Manisha Vohra, Amit Sharma and Sheetu Wadhwa

Predicting The Potential of Convolvulus Pluricaulis Against Cognitive Dysfunction With The Help of Prediction of Activities Spectra of Substances Software171
Vikas Sharma, Navneet Khurana, Sakshi Sharma, Soumik Chaudhury, Samriti, Talluri Sriram and Neha Sharma

Prediction of the Anti-Parkinson's Effect of Phytoconstituents from Mucuna Pruriens with the use of Prediction of Activities Spectra of Substances Software181
Sakshi Sharma, Navneet Khurana, Vikas Sharma, Soumik Chaudhury, Samriti, Talluri Sriram and Neha Sharma

Quality by Design (QbD) in Product Development Life Cycle: Retrospect and Prospects.....201
Bhupinder Singh Bhoop

Call for Papers 207
Instructions for Authors 209
Copyright Form 211
Subscription Form 213

Sustainable Development Goals Achieved by CCP

2022



SGD Goals achieved by Chitkara College of Pharmacy (highlighted and tick marked)



CHITKARA
UNIVERSITY



CHITKARA
COLLEGE OF
PHARMACY