



The 1<sup>st</sup> Pharmacy University of India

# DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY

(A State University of GNCT of Delhi)



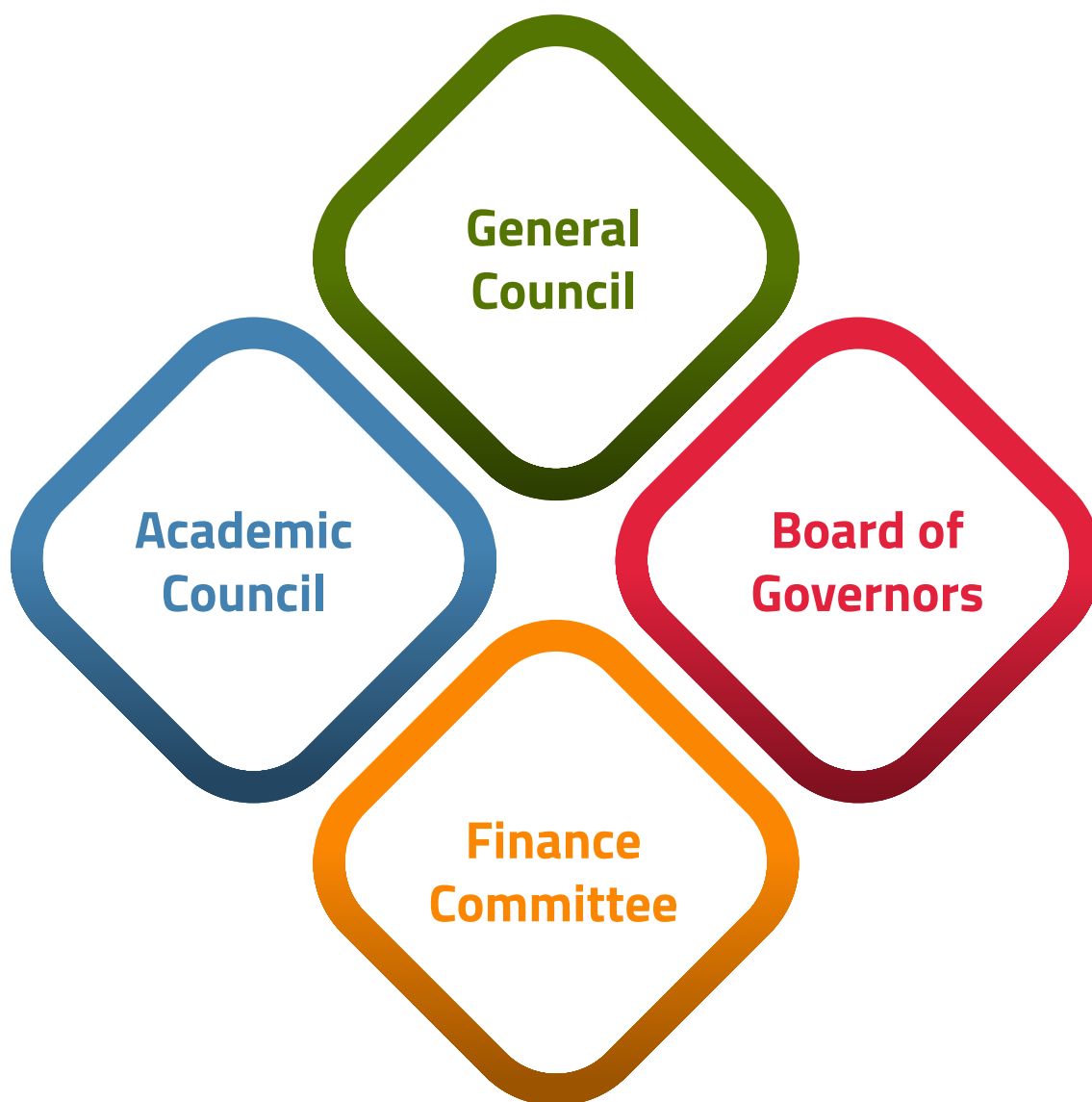
16<sup>th</sup> in Pharmacy

## PHARMANNUAL 2023-24





## COUNCILS OF THE UNIVERSITY



### Head of the Departments\*

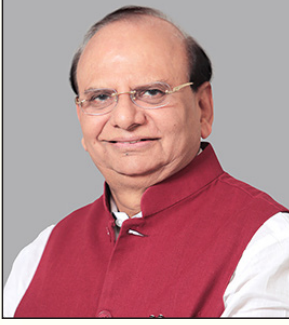
DIPSAR	Constituent College	Prof. P.K. Sahoo, Director
SPS	School of Pharmaceutical Sciences	Dr. Mukesh Nandave, Head
SAHSM	School of Allied Health Sciences & Management	Dr. Abhishek Dadhich, Head
DMLTS	Department of Medical Laboratory Technology & Sciences	Dr. Suresh Kumar, Head
SoP	School of Physiotherapy	Dr. Sheetal Kalra, Head
ASSRM	Academy of Sports Sciences Research & Management (Constituent Department through MoU)	Dr. Sheetal Kalra, Incharge, Dr. Gagandeep Kaur, Head

\*Head/Officiating Head



सत्यमेव जयते

राज निवास  
दिल्ली-११००५४  
RAJ NIWAS  
DELHI-110054



विनय कुमार सक्सेना  
उपराज्यपाल  
Vinai Kumar Saxena  
Lt. Governor

D.O: RN/2024/385  
Dated: 10-10-2024

**MESSAGE**

I am happy to know that the Delhi Pharmaceutical Sciences and Research University (DPSRU) is bringing out its Annual Report for the year 2023-24.

In last 9 years, the university has been working hard to attain high standards of academic excellence. It is commendable that this year DPSRU has been accredited with **NAAC grade 'A'** in their first cycle itself. Its endeavours in terms of quantity and quality of research publications are also appreciable. It is noteworthy that six faculty members of the University have been listed in top **2% scientists** in the world, by Stanford University in 2023.

I wish the faculty, staff and the students of DPSRU the very best in their future endeavours.

  
(Vinai Kumar Saxena)

**ATISHI**  
CHIEF MINISTER



GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
DELHI SECRETARIAT, I.P. ESTATE, NEW DELHI-110002  
PHONE - 23392020, 23392030

D.O. No.: OSD/CM/51  
Date: 10/10/24

**MESSAGE**

I am very happy to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) has brought out Pharmannual 2023-24.

DPSRU, the premier pharmacy university, has been rendering valuable services to healthcare sector by imparting training to professionals in the field of pharmaceutical, allied health sciences and management.

I am confident that DPSRU students will enjoy a rich learning experience, good research environment, and valuable guidance by renowned faculty and support from various national and international pharmaceutical institutions.

I wish the DPSRU University all the best.

  
(Atishi)



## Dr. Jitendra N. Verma

Chairman, Board of Governors

DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY



### Message of Dr. J.N. Verma: Hon'ble Chairman Board of Governors

I am pleased to learn that the Delhi Pharmaceutical Sciences and Research University (DPSRU) has brought out its **Annual Report — Pharmannual 2023-24**. DPSRU has made impressive progress in becoming a leader in pharmaceutical and health science education and research. Continuing on the chartered growth path, the University welcomes its new Vice Chancellor Prof. Ravichandiran V. a distinguished academic, scientist and institution builder.

With a strong focus on academic excellence, innovation and global partnerships, since the last AY, DPSRU has reached many significant milestones.

It is commendable to see the state of the art facilities here that are developed in collaboration with other government agencies like DBT, DST, CSIR, AYUSH and DSIR. In a ground breaking convergence of industry expertise, academic acumen and entrepreneurial zeal, DPSRU-DSIR-CRTDH in collaboration with DPSRU Innovation and Incubation Foundation (DIIF), orchestrated the inaugural MSME-Chintan Shivir, which sought to unravel the intricacies of the healthcare sector. DIIF has created a dynamic environment for fostering successful startups creating jobs and products and recipient of prestigious National Startup Award. Two student entrepreneur teams have received the prestigious EYUVA research award from DBT-BIRAC.

It is highly appreciated that DPSRU has ranked 16<sup>th</sup> in NIRF-2024 (Pharmacy). Six of the university's esteemed faculty members have been recognized amongst the top 2% of scientists globally.

DPSRU's efforts and accomplishments demonstrate its unwavering dedication to advancing pharmaceutical sciences and healthcare education and research, reinforcing its reputation as a premier institution on global stage.

I extend my best wishes in every undertaking of DPSRU.

October 15, 2024

**Dr. Jitendra N. Verma**

**R. Alice Vaz, IAS**  
Secretary



राष्ट्रीय राजधानी क्षेत्र, दिल्ली सरकार  
Government of National Capital Territory, Delhi  
प्रशिक्षण एवं तकनीकी शिक्षा विभाग / उच्च शिक्षा  
Department of Training & Technical Education /  
Higher Education  
मुनि माया राम मार्ग, नजदीक टी.वी. टावर,  
Muni Maya Ram Marg, Near T.V. Tower  
पीतम पुरा, दिल्ली-110034  
Pitam Pura, Delhi-110034



Tel. No. 011-27322948  
Email : pstechedu@nic.in

D.O. No. : PS/Secy/TTE/2024/190

दिनांक :

Date : 30.09.2024

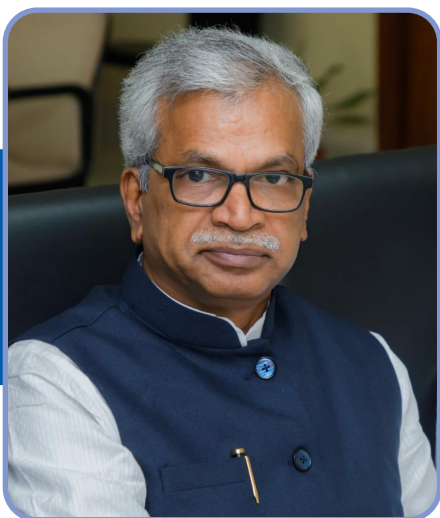
### MESSAGE

I am very happy to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) has brought out – Pharmannual 2023-24 reflecting overall performance of the University.

I appreciate the efforts and hard work of the faculty for their immense contribution for uninterrupted academic and overall progress in this year. In addition to the strong academic programs, university has a strong research and innovation footing. Various initiatives have been taken in this direction by boosting research through research grants, facilitating research publications, inviting distinguished academicians from foreign universities, amongst others. Many partnerships have been established with foreign institutes to promote global standards in education.

I am confident that in its 10th year, university will get new standards for itself to achieve higher levels of excellence.

  
(R. ALICE VAZ)



## From The Vice Chancellor's Desk

**Prof. Ravichandiran V.**

VICE CHANCELLOR, DPSRU

### Message

I am indeed delighted to learn that Delhi Pharmaceutical Sciences and Research University is publishing its Annual Report in the form of Pharmannual 2023-24. DPSRU being the 1<sup>st</sup> pharmacy university in India has recently accredited by NAAC "A- Grade. DPSRU is striving make it as one of the best universities offering pharmaceutical, management and allied health education.

Further DPSRU has climbed up 9 NIRF rankings achieving 16<sup>th</sup> position in Pharmacy. Moreover faculty members of DPSRU are working sincerely in academics and research endeavors which is evident from their publications, with more than 150 research paper, 6 books, more than 80 book chapters and several patents. In the current year, our 32 students have qualified national competitive examination (GPAT and GATE), and many students got awards and rewards in various scientific, cultural, co-curricular and sports activities.

I humbly acknowledge the continuous and constant support and mentorship of the members of General Council, Board of Governors, Academic Council, Alumni, teaching, non-teaching staff, and stakeholders of the University.

In its 6th annual convocation, university awarded 605 students with their respective degrees and diploma in pharmaceutical, allied health sciences and management.

I am sure that search for knowledge of students will definitely find its quench here as we believe in imparting quality education to empower the next generation.

A handwritten signature in black ink, appearing to be 'Ravichandiran V.', written in a cursive style.

**Prof. Ravichandiran V.**

Vice Chancellor, DPSRU

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# Editorial Board

## CHAIRMAN



**PROF. RAVICHANDIRAN V.**  
VICE CHANCELLOR

## CO-CHAIRMAN



**Prof. P.K. Sahoo**  
OFFG. REGISTRAR and DIRECTOR, DIPSAR

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ASSOCIATE DEAN, ACADEMICS



**DR. AJIT K. THAKUR**  
ASSISTANT PROFESSOR



**DR. SHEETAL YADAV**  
ASSISTANT PROFESSOR



**DR. SAPNA DHIMAN**  
ASSISTANT PROFESSOR

# Editorial

Unveiling with great enthusiasm the "Pharmannual 2023-24," the annual report of Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi. This report encapsulates the breadth of our institution's activities and accomplishments over the past year. Spanning ingenious research, academic achievements, healthcare outreach, and industry partnerships, every page tells a story of dedication, advancement, and a persistent pursuit of knowledge. It is a contemplation of the collective efforts of our DPSRU family—faculty, staff, students, and partners—and embodies the spirit of innovation that drives us forward in addressing critical healthcare challenges.

Reflecting on the past year fills us with honor and gratefulness for the incredible progress we have made. Our university continues to shine as a leader in pharmaceutical and health sciences and research, maintaining its status as a hub of excellence and innovation. Over the past year, we have celebrated numerous achievements and milestones that have reinforced our standing as a top institution in Pharmacy, Allied Health Sciences, and Management. The report portrays the feat of the university in the various domains served by the DPSRU family. We are committed to encouraging and nurturing an environment that promotes inquisitiveness, critical thinking, and the drive to make a significant impact on society.

As you prospect the "Pharmannual 2023-24," we welcome you to celebrate our achievements with us and embrace the exciting possibilities that await on the horizon. We remain focused on our mission to advance pharmaceutical and health sciences to improve healthcare outcomes into the coming year.

With heartfelt appreciation, we thank all who have stood by our side in support—our collaborators, partners, and well-wishers, as their continued belief in our mission has been invaluable. Grateful for your presence on this journey, we eagerly look ahead to another year of discovery and innovation, driven by your unwavering support.

Warm regards,

Prof. P.K. Sahoo  
Dr. Prabodh C. Sharma  
Dr. Ajit Kumar Thakur  
Dr. Sheetal Yadav  
Dr. Sapna Dhiman

# DPSRU Mission & Vision



## Vision

To be the ultimate destination for education, training and research in pharmaceutical sciences and allied areas and thereby, cater to the health needs of the people at large.



## Mission

To develop core competency in pharmaceutical sector and contribute in building leaders, administrators and personnel who can take up responsibilities as pharmaceutical science professionals, appropriate for community, institutions and industries on health and management related fields.



## Objectives

To have a comprehensive, multi disciplinary institute for learning and research with holistic approach in pharmaceutical and allied sciences.

To provide infrastructure and research facilities for the dissemination of the advanced knowledge to the students in various branches of pharmaceutical sciences through innovative teaching-learning processes with inter- disciplinary approach such that they propagate their wisdom to acquire all kinds of knowledge and generate new ideas.

To educate and train manpower for the development of the country and establish linkages with industries for the promotion of science and technology through several health-related courses in Medical Laboratory Technology, General Nursing Midwifery and X-Ray Technology.

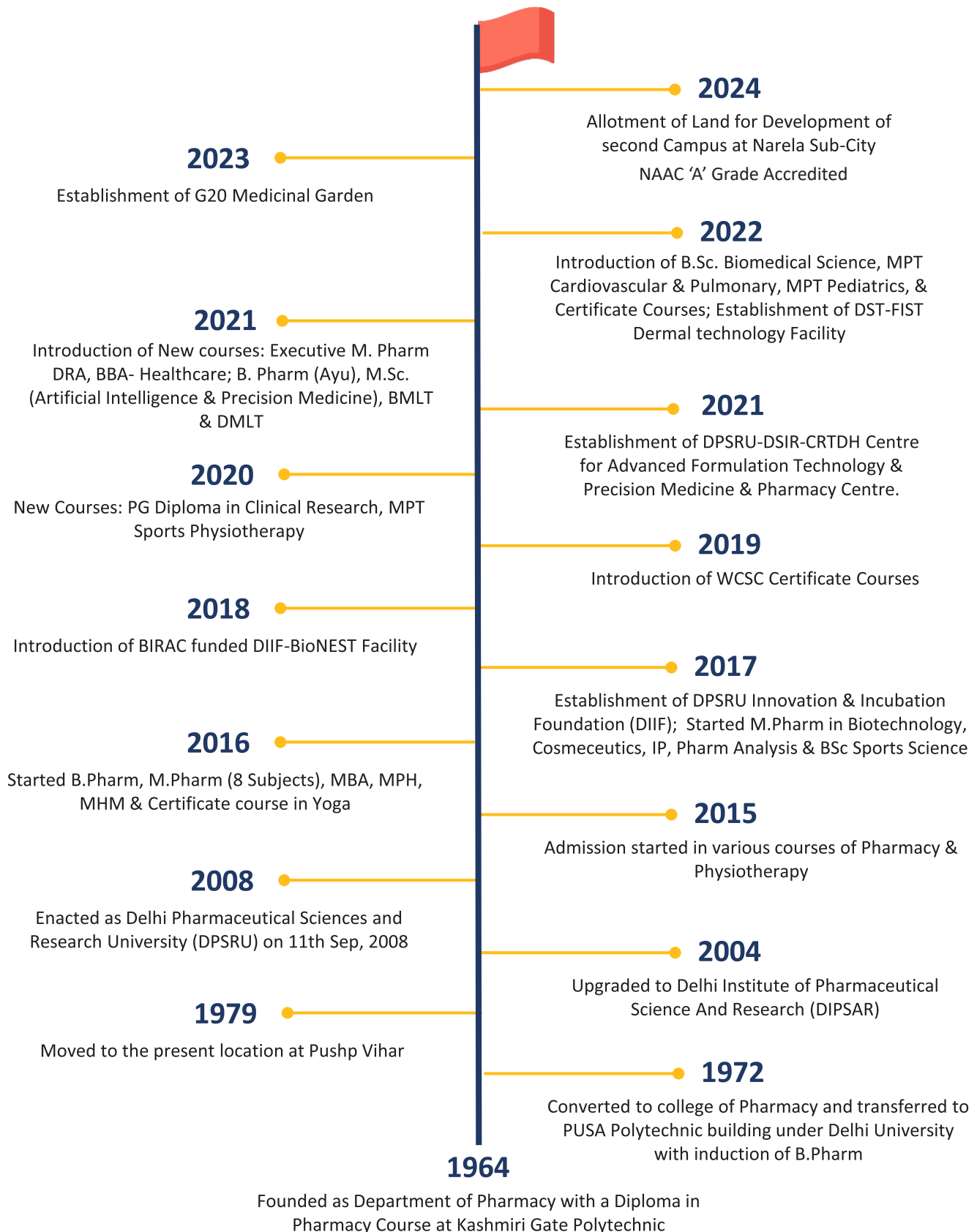
To cultivate the spirit of embracing internationalism/ diversity and competitiveness/ competition amongst students such that novel and creative ideas are harnessed, leading to unique discoveries and inventions, for the advantage of society at large.



## Quality Policy

1. Curricular Designing: Unique Courses with Global Thinking & Local Needs.
2. Teaching Learning Process: Pedagogy with Participative Learning.
3. Research & Innovation: Research Excellence with Innovation & Incubation Infrastructure: Ambience for Rigorous Learning.
4. Student Progression: Encaging the Dreams by Job Creation.
5. Governance: Leadership without Power & Power without Hierarchy.
6. Best Practices: Integration of Yoga, Sports & Physiotherapy education for holistic development.
7. Reaching the community for Health Awareness.

# MILESTONES



## DPSRU Vision 2047

01

### Growth Model

- Strategies for serving the unserved ( J&K, A&N)
- Foreign study and tours
- Blue ocean strategy: Building the University as Government's Think Tank
- Cold-Mould concept
- Integrated departments in the University

02

### Competitiveness

- Growth model at par with other pharmaceutical universities outside India/ top ranked pharmaceutical institutes of India
- Benchmarking DPSRU on international platforms
- Tie up with other universities/medical colleges/industries/ hospitals

03

### Centres of excellence

- Industrial immersion centres
- Clinically emerging centres

04

### Pedagogical

- To be approached for framing the policies
- Participation of industries
- Diversity in the workforce
- Ethical practice
- Promotion of Start-ups
- Addition of Online courses

05

### Infrastructure

- Time bound development of required facilities
- Vertical expansion

06

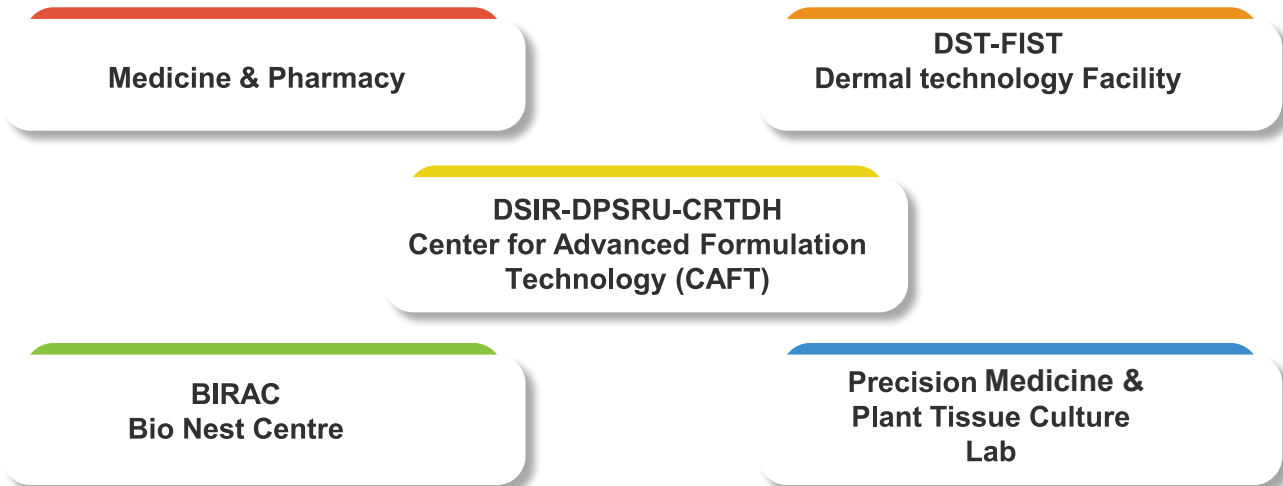
### Governance

- Budget utilization in a seamless manner
- Quality of equipments
- Constitution of body for Global Competitiveness
- Promotion of research with entrepreneurial skills
- Industry-based courses

# SCHOOLS & UNITS



# RESEARCH FACILITIES



## FACILITIES AT A GLANCE

10.36  
Acres Land  
Area

Multimedia  
Enabled Classes

State-of-art  
Research Labs

Central Animal  
House Facility

Incubation  
Center

Museum

Guest House

Gymnasium

Canteen

Sports Complex

Central  
Instrumentation  
Facility

Well Stocked  
Library

Physiotherapy  
OPD

Paediatric  
Physiotherapy

Rain Water  
Harvesting

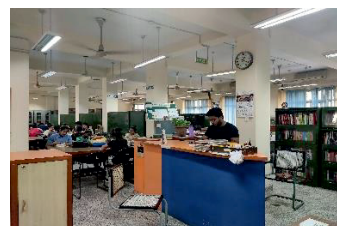
Auditorium

Staff Quarters

SBI ATM

Mother Dairy  
Booth

Hostel for  
Boys & Girls



# University Infrastructure and Common Facilities

Delhi Pharmaceutical Sciences and Research University (DPSRU), the first Pharmacy University in the country was established by Act 07 of 2008 State legislature of Delhi dedicated to the profession of pharmacy has a dynamic infrastructure. The University and DIPSAR campus is spread over an area of 10.36 acres having around 1700 students and around 250 staff members offering undergraduate, postgraduate, and doctoral programmes. The University boasts some of the best facilities to promote comprehensive teaching and learning and conduct research to cater to various sectors of industry. Another campus of DPSRU allotted by DDA, Government of NCT of at Narella, Delhi (16.73 area) will be upcoming soon. All the Departments of Delhi Pharmaceutical Sciences and Research University, DIPSAR, and Schools of University are actively involved in teaching and research at undergraduate, postgraduate, and doctoral levels. The labs are spacious and well-equipped and act as an ideal training ground for budding pharmacy professionals that allow students to perform experiments and bring to practice what they have learned in theory.

## Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR) and School of Pharmaceutical Sciences (SPS)

**Important common facilities available at DPSRU are as under:**

- Fully air-conditioned four deliberation rooms at DIPSAR block and six lecture theatres at DPSRU block with the capacity of more than 60 students provide the most conducive atmosphere for dynamic and focused discussions.
- All lecture theatres are well ventilated and equipped with the latest audio-visual facilities which give the right ambiance for the teacher and the taught. All blocks are equipped with firefighting solutions.
- All classrooms and utility areas are provided with power backup. Special sessions or classes are held on effective communication, leadership, and teamwork skills.

## Common Facilities

### A. Lecture theaters / Deliberation Rooms

Fully air-conditioned four deliberation rooms at DIPSAR block and seven lecture theatres at DPSRU block with the capacity of more than 60 students provide the most conducive atmosphere for dynamic and focused discussions. All lecture theatres are well ventilated and equipped with the latest audio-visual facilities which give the right ambiance for the teacher and the taught. All blocks are equipped with firefighting solutions. All classrooms and utility areas are provided with power backup. Special sessions or classes are held on effective communication, leadership, and teamwork skills.

### B. DPSRU Library: Current Initiatives

- i. **Institutional Repository:** In view of the limited stacking area in the Library, it was decided that the Library would only accept

postgraduate thesis in CD format. Thus, students no longer need to submit hard copy of their thesis in the Library. Further, with the permission of the competent authority, an Institutional Repository was hosted in the DPSRU website. The aim was to provide faculty and students with an online repository.

In order to access the Institutional Repository tab, just click on the Central Resources tab on the DPSRU webpage [www.dpsru.edu.in](http://www.dpsru.edu.in). Next click on the library tab. Finally click on the Institutional Repository tab. Access to the Institutional Repository (IR) is available on Username/ Password basis. Faculty members and students can contact the DPSRU Library for the same. At present, the DPSRU IR is hosting more than 360 nos research thesis of post-graduate research scholars of the University. The Repository allows subject wise sorting of research thesis. Future plans include hosting the project work of under graduate scholars of the School of Physiotherapy, DPSRU under the Physiotherapy tab.

Faculty and students can easily access the DPSRU Institutional Repository from the comfort of their home and office 24x7. The DPSRU Institutional Repository has been specially created by M/s Learning Spiral Ltd, the ERP solution provider for the university.

- ii. **Plagiarism Detection Software:** At present, faculty and research scholars can use Plagiarism detection software from Turnitin and Drillbit. Drillbit is an Indian Plagiarism Software being provided for plagiarism detection of PhD thesis. This software is being provided to all

Higher Educational Institutions (HEIs) by INFLIBNET, Ahmedabad. Drillbit is for exclusive plagiarism scrutiny of PhD thesis only.

- iii. The Turnitin credentials have been distributed to all University faculty members. DPSRU is one of the exclusive Institutions subscribing to this software. At present the Turnitin software is up for renewal.
- iv. **DELNET Consortia:** The DPSRU Library is an Institutional member of the DELNET consortia. Developing Library Network (DELNET) has been established with the objective of promoting resource sharing among the libraries through the development of a network of libraries. Membership of DELNET enables faculty and students of DPSRU to access a number of e-journals in the field of Physiotherapy and Pharmacy.
- v. **Shodhganga & Shodhgangotri:** This INFLIBNET portal is a Digital Repository for PhD thesis from all over India. A number of PhD theses from DPSRU have been uploaded on the portal. Thesis uploaded on Shodhganga are accessible to research scholars all over India. Shodhgangotri is a Digital Repository for the PhD synopsis uploaded on Shodhganga.
- vi. **Bentham Science:** DPSRU has subscribed to the Bentham Science Life Science e-journal package. At present, the Life Science package offers access to more than 50 international journals. Faculty and students can access the e-journals from the comfort of their home and office 24x7.
- vii. **SHODH CHAKRA:** It is an Information and Library Network (INFLIBNET), Ahmedabad

initiative. Shodh-Chakra provides a unique space for the researcher, his/her guide, and the university to manage the research lifecycle of a research scholar. It functions as a digital workspace wherein researchers can collect, store, organize, and cite their research work.

**viii. VIDWAN:** It is a premier database of profiles of leading scientists and researchers in India. It provides important information about the expert's background, research identity, experience, scholarly publications, skills, and research interest. The portal has been developed by the Information and Library Network Centre (INFLIBNET), Ahmedabad.

**ix. IRINS:** IRINS is a web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET), Ahmedabad. Centre. The portal facilitates academic and R&D organizations to collect, curate and showcase scholarly communication activities. It provides an opportunity to create a scholarly network. IRINS supports to integrate the existing research management systems such as HR system, Course management, grant management system, Institutional Repository, and commercial citation databases. It integrates the academic identity such as ORCID ID, Scopus ID, Research ID, Microsoft Academic ID, and Google Scholar ID for ingesting the research publication from various sources.

### C. IT Department

With three state-of-the-art computer

labs under our purview, we provide a conducive environment for students and faculty to engage in hands-on learning and research activities. From troubleshooting technical issues to spearheading cutting-edge initiatives, our dedicated team is committed to fostering a digitally empowered ecosystem that propels DPSR University into the future. A total of 110 computers are present under the IT labs. All the labs have well equipped video conferencing systems. The IT department has started the network area storage facility in its centralized server. The department has also implemented the cyber security facilities for all users across. Several complaints related to hardware. Software and networking in DPSRU is currently taken up by the IT department of the University.

### D. Central Instrumentation Facility

The Central Instrumentation facility has a complement of various sophisticated instruments such as Differential Scanning Calorimetry, High Performance Liquid Chromatography, Gas Chromatography, UV spectrometry, freeze-drying to promote interdisciplinary research. The facility caters to the need for cutting-edge research in many areas of science and technology.

### E. Animal House

The students and faculty have access to the air conditioned Animal House Facility, which is a newly constructed three-storied building with a basement and houses several experimental animals.

Animal House Facility was established to facilitate the animal-based studies of various investigators from different departments. This Animal facility is utilized for experimental research per the principles of good laboratory practices and CCSEA guidelines. All research protocols are approved by the Institutional Animal Ethics Committee (IAEC) of the Institute.

**The salient features of this facility include:**

- Distinct location, away from the teaching and administrative block to provide noise and pollution-free conducive environment for animals
- Four rooms on each floor of size 10ft x 14ft to house different animal species
- Separate washing, autoclaving, and stocking area
- Separate room for veterinarian doctors and record keeping
- Individual Air Handling Units for each floor for maintaining environment
- Animal house is connected to the RO Water
- facility for providing clean drinking water for the animal population
- Each room opens into 4ft wide clean and dirty corridors on either side for regulated unidirectional movement of material
- Lift (size 8ft x 6ft) for smooth movement of animals, workforce, and material
- Quarantine area for rodents (rats/ mice) and rabbits.
- Each species is housed in individual rooms in which the temperature, humidity, dark, and light cycles are monitored.

## F. Medicinal Garden

The medicinal herbal garden within the campus has important traditional, medicinal, and aromatic plants, herbs, shrubs, and trees. The herbal garden is used by M. Pharm. and Ph. D. students working on herbal projects for growing plants for use in their experiments and collection. The main purpose of the herbal garden is to facilitate the experimental work and initiate the conservation of rare medicinal plants. Here herbs are cultivated according to their season to get the maximum yield of useful components of herbal drugs. At present one herb is used to get constant yield on mass on the scale. Its sowing is done in April and is harvested in August. This helps in obtaining constant and good quality of active principles. It also helps in training PG students about the collection and cultivation of natural products.

## G. Museum

The University has an organized museum that is facilitated with all kinds of educative anatomical models. Museum has been established as an integral part of the Pharmacology Department, aimed to make the students understand the link between the human body and pharmacological and therapeutic agents.

## H. Physiotherapy OPD

DPSRU Physiotherapy OPD has a huge inflow of patients and is equipped with latest equipments providing best adjunct to the Physiotherapeutic management including diagnostic, prognostic and therapeutic functions for timely screening

and interventions. Considering the demand for advice and treatment related to health, we provide Physiotherapy services by professionally qualified Physiotherapists in different specialties. The OPD is also utilized for clinical training of undergraduate and post graduate students of physiotherapy and also it provides research platform for MPT and PhD students & faculty of the centre. The Physiotherapy OPD renders its services to various sports teams and sporting/athletic events of DPSRU and outreach activity.

We have one of the highly skilled and experienced team of physiotherapists specialized in the fields of neurology, sports medicine, orthopedics, pediatrics, cardiopulmonary. The OPD is equipped with advanced Physiotherapeutic technology to provide intervention for the management of various medical conditions and introduce our students to new dimensions of different treatment regimens. The assessment and treatment offered at the centre is based on current research with an emphasis on evidence based practice. The treatment is provided by the use of manual therapy techniques (Maitland, Mulligan, NDT/Bobath, PNF, MFR, MET, McKenzie, Neural mobilization, electrotherapy modalities, soft tissue manipulation), Electrotherapy modalities (Super inductive therapy system, Ultrasound, IFT, TENS, Muscle stimulator, Russian current, Microwave diathermy, Shortwave diathermy, High power LASER, Compression therapy unit, cryotherapy unit, contrast bath, CPM, Paraffin wax bath, Traction, Hydrocollator

unit, EMG biofeedback) and exercise therapy modalities (Therabands and theratubes, Balance and stability trainer, treadmill, cycle ergometer, medicine ball, weight cuff, dumbbells, Gymball, ankle and foot exerciser, Quadriceps' table, therapeutic gym). Pediatric physiotherapy OPD is the extension of existing OPD. This unit treats children with Cerebral Palsy, Autism, and Down syndrome by providing neurodevelopment therapy, balance training and motor planning and execution. The unit will also offer tailor made programs for caregivers as well as parents as they may learn how to position their child for day to day activities.

## I. Examination Branch

The Examination Branch is well established and maintained branch of Delhi Pharmaceutical Sciences and Research University with a team of committed and dedicated staff members. The Examination Branch of DPSRU is headed by the Assistant Controller of Examinations with a team of experts as, Examination Consultant and supporting staffs. The Prime responsibilities of Examination Branch are to notify the examinations schedule, processing of examination applications, issuance of Hall Tickets, the appointment of Superintendent, Deputy Superintendent for the conduct of all examinations fairly and systematically, conduct Evaluation process, publish results, issuance of Marks Sheets, Provisional Certificates and Degree Certificates, Official Transcript and Conduct of Convocation, under the timely directions and approvals of Honorable Vice- Chancellor.

## J. Auditorium

The University has a beautifully designed auditorium that serves as a platform of interface with a seating capacity of 450. Centrally air-conditioned, well-planned, well-equipped, and elegantly furnished auditorium is provided with all the modern amenities for conducting scientific seminars and meetings. To cater to the increased student strength, it is planned to increase the seating capacity of the auditorium.

## K. Board Room

The University has a state-of-the-art board room that serves as an arena for cultivating team spirit equipped with modern multimedia facilities for important official meetings and proceedings. It provides a forum for interactive sessions, workshops, and presentations with a seating capacity of 50.

## L. Other Infrastructure and Facilities

- **Power Backup:** The University has a Diesel Generator to provide power supply to the Department and Laboratories in times of power supply failure.
- **Sports Complex:** The University has a spacious sports complex with facilities for playing outdoor games viz Football, Volleyball, Basket Ball, Badminton also possess the Indoor facilities viz: table tennis, chess, Carrom. The multipurpose sports ground of the University is on par with National standards of sports facilities.
- **Food Court:** A fully air-conditioned food court that offers nutritious and wholesome food and snacks along with Mother Dairy Booth in the campus.
- **India International Hospitality Centre (IIHC):** A guest house is situated inside the campus with the name of "India International Hospitality Centre". It has a visitor's room, five double-seated rooms, and 3 suites (for VIP guests) which are fully furnished and have been recently renovated. All rooms are fully furnished and air-conditioned.
- **Hostels for boys & girls:** Students have exclusive hostels for boys and girls with spacious, comfortable, well-furnished rooms and a 24-hour security system. A PG block for the girl's hostel has been created along with the existing ones. A fully air-conditioned study hall and an IT room are in the pipeline.
- **Staff Quarters:** The residential complex includes well-maintained Staff Quarters with SBI ATM at University Main Gate.
- **Gymnasium:** University has a state of art Gymnasium aiming at preparing healthy all-rounder professionals. Gymnasium is available for students/ staff as per schedule time in Boy's Hostel premises.
- **Parking Space:** Students and faculty have been provided with exclusive Parking lots for their vehicles.
- **Security Service:** The Campus has a 24 Hours Security Service along with CCTV Surveillance.

# Non-Teaching Staff

## MEDICAL UNIT

Dr. Priyanka Sonam Medical officer

Ms. Suhasini D Nurse

Mr. Jiledar\* (Attnnd.)

Mr. Naresh Kumar\* (Attnnd.)

## ADMINISTRATION BRANCH

Ms. Nisha, Assistant Registrar

Mr. Dhruv Arora ,AAO

Mr. Aditya Kaushik, Section officer

Mr. Pankaj Kumar\* OSD to VC

Mr. Kirshan Kumar, EPBAX Operator

Mr. Nishant Kaushik, Jr. Steno

Mr. Hemant Kumar, Driver

Ms. Lata Dutt, Office Assistant

Mr. Shresth Bagga, Office Assistant

Mr. Arun K. Sharma, Office Assistant

Mr. Mohd. Rizwan, Office Assistant

Mr. Rajesh Kumar, Office Assistant

Mr. Rahul, Office Assistant

## LAB ASSISTANTS

Mr. Man Singh

Ms. Divya Bhardwaj

Mr. Denesh\*

Ms. Deepali\*

Mr. Mohit\*

Mr. Sujoy Robinson\*

Mr. Ramji Lal\*

Ms. Neeta Rathore\*

Ms. Shalini Pathania\*

Mr. Ram Kumar\*

Mr. Devender Kumar\*

## LAB ATTENDANTS/ TECHNICIAN

Mr. Avinash Bansal\*

Mr. Jatin Gautam\*

Ms. Kashish\*

Mr. Amit Mehto\*

## EXAMINATION SECTION

Dr. Ramchander Khatri, Asstt. Controller, Exam

Mr. Rohit Singh, Naruka\*

Mr. Lakshay, Dahiya\*

Mr. Gaurav, Kumar\*

## LIBRARY STAFF

Mr. S. Sengupta, Librarian

Ms. Yogita Ahuja, Assistant Librarian

Ms. Sarita Rani, Library Attendant

Ms. Namrata\* Library Attendant

## COMPUTER STAFF /DATA ENTRY OPERATORS

Ms. Jyoti Baisla

Ms. Anjali Singh\*

Mr. Vikram Singh\*

Mr. Vikas Yadav\*

Ms. Saroj\*

Mr. Sahil\*

## CENTRE FOR PRECISION MEDICINE AND PHARMACY (DCPMP)

Ms. Kirti Maheshvari

## OTHER STAFF

Ms. Bimla Rawat\* Store Keeper

Mr. Sobhran Singh\*

Mr. Jitender Shiwach\*

Mr. Rupender\*  
Mrs. Prem Lata\*  
Mr. Yashwant \*  
Mr. Kaushal Kishor\*  
Mr. Naresh\*  
Mr. Priyadarshee Pathak\*  
Mr. Manish\*  
Mr. Gaurav\*  
Mr. Deepak\*  
Mr. Yogesh Kumar\*  
Mr. Sunil Meena\*  
Mr. Ranjit Paswan\*  
Mr. Sajan Singh\*  
Mr. Sandeep\*  
Mr. Gaurav Kumar\*  
Mr. Vikas\*

## **OUTSOURCE STAFF**

### **Office Assistant**

Mr. Sachin Satyarthi  
Mr. Deepanshu  
Mr. Shiv Shankar  
Ms. Komal  
Mr. Jaikant Dahaliya  
Ms. Shweta Rana  
Mr. Rohit K. Gupta  
Ms. Supriya Singh  
Ms. Neha Rathi  
Ms. Tanya Arora  
Mr. Mohd. Hasim Ansari  
Mr. Gagan Kumar  
Mr. Gaurav Prasad Ram  
Ms. Richa Arora

### **MTS**

Mr. Sunil Kumar

Mr. Ranjeet Paswan  
Mr. Rahul  
Mr. Manoj Kumar  
Mr. Deepak Yadav  
Mr. Neeraj  
Mr. Vijay Kumar  
Ms. Dhaneshwari

### **Lab Assistant**

Ms. Deewangi  
Mr. Rohit  
Mr. Mohd. Akram

### **Lab Attendant**

Mr. Lalan Kumar Singh  
Mr. Ajay Sachdeva  
Mr. Manish  
Mr. Manoj Kumar  
Mr. Kunal Rana  
Mr. Akash Kumar  
Mr. Hariom Kushwaha  
Ms. Manisha  
Mr. Shubham Sinha  
Mr. Joginder Singh  
Ms. Sadhana Kumari  
Mr. Pawan Biduri  
Mr. Bhanu Pratap  
Mr. Tarun Sharma  
Mr. Tej Bahadur Singh  
Mr. Aashish Kumar  
Mr. Satyam Yadav

### **Other Staff**

Mr. Deepak Chopra  
Mr. Navdeep Sharma  
Ms. Anupama Bhatt  
Mr. Rahul Kainth

Contractual\*

# Internal Quality Assurance Cell

## NAAC Certification – “A” Grade – (2024 – 2029)

On July 20, 21, and 22, 2023, six peer team members visited DPSRU for the first cycle assessment of their NAAC certification. They interacted with all university stakeholders, including students, instructors, parents, non-teaching staff, and administrative authorities, and they verified every department and infrastructural facility. The inspection was completed on the third day and a report was submitted to the VC DPSRU. During the first cycle, DPSRU received an NAAC 'A' grade with a 3.02 CGPA.

## University-1st Cycle

Sl. No.	AISHE code	Name of the HEI	State	CGPA	Grade
1.	U-0853	DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY, NEW DELHI	DELHI	3.02	A

## NIRF Rankings 2024

The Ministry of Education organized a one-day workshop on August 21, 2014 to develop methodologies for ranking higher education institutions in India. Subsequently, a 16-member Core Committee was appointed on October 29, 2014, under the chairmanship of the Secretary (HE) to create and refine the National Institutional Ranking Framework (NIRF). Given the diverse landscape of higher education in India, NIRF envisioned separate rankings for different categories of institutions within their respective peer groups. Domain-specific frameworks were introduced in the years corresponding to their inclusion in the ranking exercise in India Rankings. India Rankings was released in four categories and eight subject domains in the year 2023. In 2024, three new categories, namely **Open Universities, State Public Universities and Skill Universities** are being introduced, thereby expanding the portfolio of Indian Rankings from 13 in 2023 to 16 in 2024. In 2024, with inclusion of Open Universities, State Public Universities and Skill Universities raises the portfolio of India Rankings have been expended from 13 to 16, comprising 8 categories and 8

subject domains. The final ranking framework comprises of 19 parameters organized into five broad generic group of parameters. Many of these parameters align with global standards, focusing on teaching, learning, and research environments, while some are specific to India, reflecting the aspirations of its growing higher education population. India-specific parameters include regional diversity, outreach, gender equity, and inclusion of disadvantaged groups of society. The core spirit and parameters of the Ranking Framework, as initially identified by the Core Committee and used in the past eight years, are retained for 2024, with minor adjustments based on prior experience.

NIRF Parameters for Ranking of Institutions of Higher Education

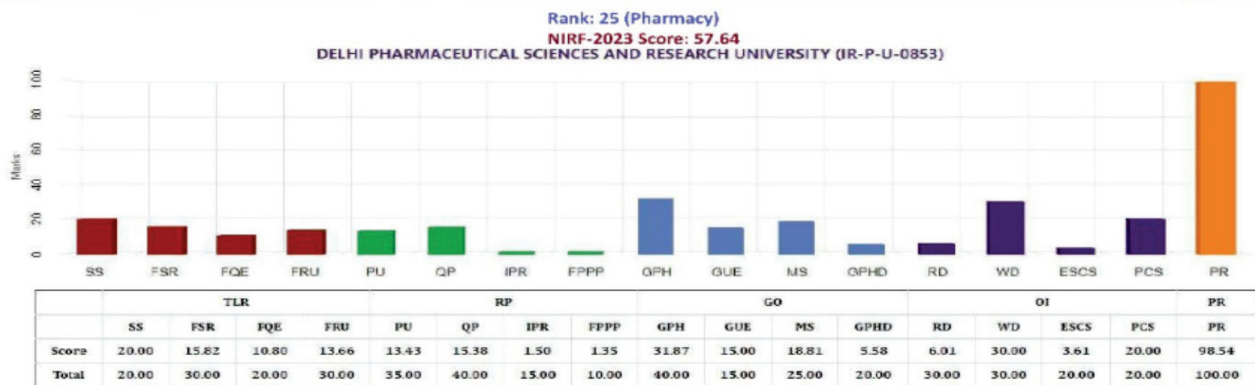
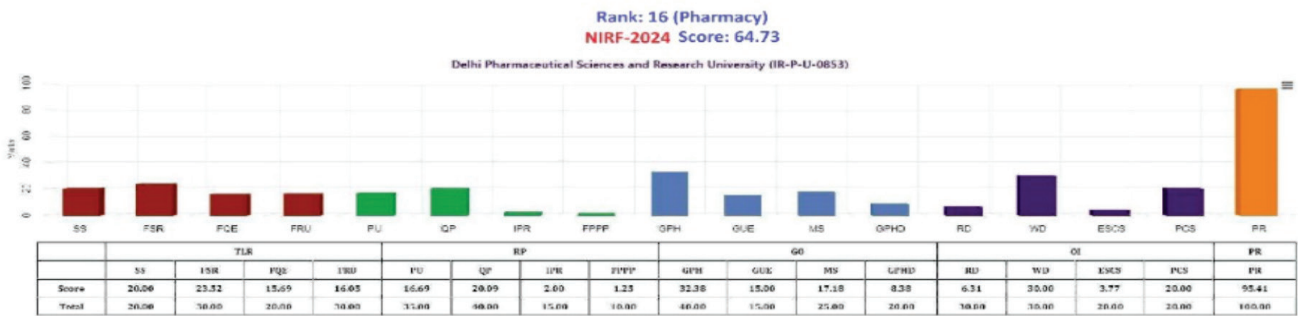
The NIRF provides for ranking of institutions in five broad generic groups of parameters, namely:

- i) Teaching, Learning and Resources (TLR)
- ii) Research and Professional Practice (RP)
- iii) Graduation Outcome (GO)

- iv) Outreach and Inclusivity (O&I)
- v) Perception (PR).

DPSRU has been awarded **16th Ranks in the Pharmacy category in 2024**. DPSRU ranking has shown a significant upgradation from

25th rank in 2023 to 16th Rank in 2024. The NIRF ranking release function was attended by Dr. P.K. Sahoo, Dr Amanpreet Kaur and Dr Ajit K. Thakur on August 12, 2024 at Bharat Mandapam, New Delhi. The detailed data analysis is shown below:



**Delhi Pharmaceutical Sciences and Research University (Pharmacy Ranking)**

**Teaching, Learning & Resource (30%)**

**Research and Professional Practice (30%)**

**Graduation Outcome (15%)**

**Outreach and Inclusivity (15%)**

**Perception (10%)**

**Dr. Amanpreet Kaur**  
Assistant Professor  
Nodal Officer, NIRF-Ranking  
DPSRU, New Delhi

**Dr. Ajit Kumar Thakur**  
Assistant Professor  
Nodal Officer, NIRF-Ranking (2021 to 2024)  
DPSRU, New Delhi

**Prof. P.K. Sahoo**  
Offg. Registrar  
DPSRU, New Delhi

**Prof. Ravichandiran V.**  
Vice Chancellor  
DPSRU, New Delhi

Comparison of various parameters and scores (2021-2024) NIRF Ranking of DPSRU, New Delhi

Year/ Parameter	TLR				RP				GO				OI				PR	Total Score	Rank Pharmacy
	SS (20)	FSR (30)	FQE (20)	FRU (30)	PU (35)	QP (40)	IPR (15)	FPPP (10)	GPH (40)	GUE (15)	MS (25)	GPHD (20)	RD (30)	WD (30)	ESCS (20)	PCS (20)			
2024	20	23.52	15.69	16.05	16.69	20	2.00	1.25	32.38	15	17.18	8.38	6.31	30	3.77	20	95.41	64.73	16
2023	20	15.82	10.80	13.66	13.43	15.38	1.50	1.35	31.87	15	18.18	5.58	6.01	30	3.61	20	98.54	57.64	25
2022	20	16.28	10.82	13.48	11.56	13.18	0.5	2.05	32.02	15	20.29	5.15	6.32	30	2.23	20	96.67	56.38	22
2021	20	13.90	9.09	12.90	6.43	9.73	0.5	1.50	31.82	14.67	20.93	8.12	6.63	29.82	2.17	20	68.91	50.08	32



**CONGRATULATIONS!**

# World's top 2% Scientists in Stanford University List



**Prof. Ravichandiran V.**



**Prof. Deepti Pandita**



**Dr. Sushama Talegaonkar**



**Dr. Meenakshi Chauhan**



**Dr. Prabodh C. Sharma**



**Dr. Devesh Tiwari**



## 2023 World's Top 2% of Scientists



**Stanford**  
University

**Scopus<sup>®</sup>**

**ELSEVIER**

# Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR)

DIPSAR is one of the departments of the Directorate of Training and Technical Education (DTTE), was founded in 1964 as a Department of Pharmacy at Kashmiri Gate Polytechnic for imparting a Diploma in Pharmacy. This department was, later on, shifted to Pusa Institute where B. Pharm. course was introduced in 1972, and M. Pharm. in 1979. The department was elevated to the 'College of Pharmacy' and it moved to a bigger campus at Pushp Vihar, New Delhi. This College of Pharmacy was upgraded and named as 'Delhi Institute of Pharmaceutical Sciences and Research' vide gazette notification of July 2004, under DTTE, Government of NCT of Delhi and it was affiliated to University of Delhi. With the establishment of DPSRU, the institute (DIPSAR) is now a constituent Institute of DPSRU, both functioning in the same campus, located in Pushp Vihar, New Delhi. The mission of DIPSAR is to project this institute on the global map of pharmaceutical education by imparting quality pharmaceutical education at undergraduate and postgraduate levels. As pharmacy is the backbone of the healthcare sector, the Delhi Institute of Pharmaceutical Sciences and Research has a vision of serving society by providing quality pharmacists at various levels. This Institute mentoring soft life skills like positive attitude, right aptitude, problem-solving, effective communication, and team-building for the all-round development of personality of students, which will empower them to take lead in entrepreneurship and placements.

## Faculty

### DEPARTMENT OF PHARMACEUTICS

Dr. Prabhat K. Sahoo	Professor
Dr. Deepti Pandita	Professor

Dr. Meenakshi K. Chauhan	Associate Professor
Dr. Gaurav K. Jain	Associate Professor
Dr. Pooja Mongia Raj	Assistant Professor
Dr. Dalapathi Gugulothu	Assistant Professor
Dr. Anshul	Assistant Professor
Dr. Beauty Behera	Assistant Professor
Dr. Atul Jain	Assistant Professor

### DEPARTMENT OF PHARMACEUTICAL CHEMISTRY/ QUALITY ASSURANCE

Dr. Sharad R. Wakode	Professor
Dr. Amrita Parle	Lecturer (Sel. Grade)
Dr. Ramesh Bodla	Lecturer (Sr. Scale)
Dr. Saurabh Dahiya	Associate Professor
Dr. Sahil Kumar	Assistant Professor
Dr. Ruhi Ali	Assistant Professor
Dr. Archana Sharma	Assistant Professor
Dr. Himangini*	Lecturer
Dr. Neetika Sharma*	Assistant Professor

### DEPARTMENT OF PHARMACOLOGY

Dr. Rajani Mathur	Associate Professor
Dr. S. Latha	Lecturer (Sr. Scale)
Dr. Sachin Kumar	Assistant Professor
Dr. Anoop Kumar	Assistant Professor
Dr. Gunjan Sharma	Assistant Professor





### DEPARTMENT OF PHARMACOGNOSY






Mrs. Manju Vyas	Associate Professor
Dr. Sakshi Bajaj	Assistant Professor

### Others

Dr. Himanshu	
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## Faculty Research Profile


DEPARTMENT OF PHARMACEUTICS	
<p><b>Prof. P.K. Sahoo</b></p> <p><b>Research Area of Faculty –</b> Development of formulations (niosome, intranasal bypass DDS, niosomalantiacne gel, emulgel, transungual drug delivery). Gold nanoparticles based supramolecular architecture for non-Hodgkin lymphoma</p> <p><b>H-index - 18</b> <b>Total Citations – 1001</b></p>	
<p><b>Prof. Deepti Pandita</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Nanomedicine</li> <li>▪ Nanomaterials</li> <li>▪ Lipid Based Nanoparticles</li> <li>▪ Targeted Drug Delivery Systems</li> <li>▪ Drug- Bioconjugates</li> <li>▪ Targeted Phytochemicals Delivery</li> </ul> <p><b>H-index – 30</b> <b>Total Citations – 3961</b></p>	
<p><b>Dr. Meenakshi K. Chauhan</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Formulation approaches to improve ocular bioavailability of drugs.</li> <li>▪ Ophthalmic drug delivery system.</li> <li>▪ Vesicular/particulate drug delivery- for improved bio-pharmaceutical performance through - topical and oral routes.</li> </ul> <p><b>H-index - 23</b> <b>Total Citations – 2687</b></p>	
<p><b>Dr. Gaurav Kumar Jain</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Nanomedicine</li> <li>▪ Drug Delivery</li> <li>▪ Product Development</li> <li>▪ Scintigraphy</li> <li>▪ Clinical Studies</li> </ul> <p><b>H-index - 38</b> <b>Total Citations – 5424</b></p>	





<p><b>Dr. Dalapathi Gugulothu</b></p> <p><b>Research Area of Faculty –</b>  Si RNA Delivery, Targeted drug delivery systems, Nanofibers, Exosomes, Nanotoxicology, Intracellular Trafficking of nanoparticles, Microneedles, Development of Lyophilization Cycle, Gastroretentive drug delivery systems, Orodispersible drug delivery systems and HPLC method development.</p> <p><b>H-index - 11</b>  <b>Total Citations – 425</b></p>	
<p><b>Dr. Pooja Mongia Raj</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Polymeric and Lipid Nanocarriers</li> <li>▪ Oral Drug Delivery</li> <li>▪ PH sensitive and Topical delivery</li> <li>▪ Wound Healing</li> </ul> <p><b>H-index - 9</b>  <b>Total Citations – 233</b></p>	
<p><b>Dr. Anshul</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Nanotechnology</li> <li>▪ Cosmoceutics</li> </ul> <p><b>H-index - 7</b>  <b>Total Citations – 183</b></p>	
<p><b>Dr. Beauty Behera</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Biomaterials</li> <li>▪ Implants</li> <li>▪ Chronic wound</li> <li>▪ Method development and validation</li> </ul> <p><b>H-index - 18</b>  <b>Total Citations – 1002</b></p>	
<p><b>Dr. Atul Jain</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Qbd-driven nanostructured drug</li> <li>▪ Lipomer conjugation</li> <li>▪ Receptor mediated drug deliver</li> </ul> <p><b>H-index - 21</b>  <b>Total Citations – 1677</b></p>	

## DEPARTMENT OF PHARMACOLOGY

<p><b>Dr. Rajani Mathur</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Metabolic Syndrome</li> <li>▪ Cancer Angiogenesis</li> </ul> <p><b>H-index - 19</b></p> <p><b>Total Citations – 1415</b></p>	
<p><b>Dr. S. Latha</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Cancer and Neuropharmacology</li> <li>▪ Pharmacognostical Standardization</li> </ul> <p><b>H-index - 1</b></p> <p><b>Total Citations – 80</b></p>	
<p><b>Dr. Sachin</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Neuropharmacology</li> <li>▪ Pharmacovigilance</li> <li>▪ Materiovigilance</li> <li>▪ Clinical Research</li> </ul> <p><b>H-index – 7</b></p> <p><b>Total Citations – 142</b></p>	
<p><b>Dr. Anoop Kumar</b></p> <p><b>Research Area of Faculty –</b></p> <p>Repurposing of drugs against infectious diseases, Identification and validation of novel signals of drugs, Meta-analysis, Network Pharmacology</p> <p><b>H-index - 26</b></p> <p><b>Total Citations – 2554</b></p>	
<p><b>Dr. Gunjan Sharma</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Diabetes Mellitus</li> <li>▪ Signature Proteins</li> <li>▪ Pharmacodynamic Biomarkers</li> </ul> <p><b>H-index - 7</b></p> <p><b>Total Citations – 227</b></p>	

## DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

<p><b>Prof. Sharad Wakode</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Synthetic Medicinal Chemistry</li> <li>▪ Natural Product</li> </ul> <p><b>H-index - 23</b> <b>Total Citations – 1379</b></p>	
<p><b>Dr. Saurabh Dahiya</b></p> <p><b>Research area of Faculty-</b></p> <ul style="list-style-type: none"> <li>▪ Pharmaceutical Quality Assurance</li> <li>▪ Analytical assay method development and validation</li> <li>▪ Synthesis and development of target specific dosage forms.</li> </ul> <p><b>H-index - 12</b> <b>Total citations- 560</b></p>	
<p><b>Mrs. Amrita Parle</b></p> <p><b>Research Area of Faculty –</b> Pharmaceutical Chemistry</p>	
<p><b>Dr. Ramesh Bodla</b></p> <p><b>Research Area of Faculty –</b> Phytochemistry Pharmaceutical Chemistry Cell Cultures and Analytical</p> <p><b>H-index - 11</b> <b>Total Citations – 681</b></p>	
<p><b>Dr. Sahil Kumar</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Design and Docking of Novel Heterocyclic Scaffolds as Medicinal Molecules.</li> <li>▪ Synthesis, Characterization and Biological Evaluation of Novel Heterocyclic Medicinal Molecules</li> <li>▪ Synthesis of Polymeric Prodrugs</li> <li>▪ Targeted Drug Delivery of Polymeric</li> </ul> <p><b>H-index - 14</b> <b>Total Citations – 1009</b></p>	
<p><b>Dr. Archana Sharma</b></p> <p><b>Research Area of Faculty –</b> Synthesis and Biological Evaluation of Thiazole Based Small Heterocycle</p> <p><b>H-index - 17</b> <b>Total Citations – 1474</b></p>	
<p><b>Dr. Ruhi Ali</b></p> <p><b>Research Area of Faculty -</b> Design and synthesis of new molecules against neurological disorders</p> <p><b>H-index - 12</b> <b>Total Citations – 435</b></p>	

<p><b>Dr. Himangini</b>  <b>Research Area of Faculty –</b>                  Synthesis and Computation  <b>H-index - 8</b>  <b>Total Citations – 214</b></p>	
<p><b>Dr. Neetika Sharma</b>  <b>Research Area of Faculty –</b>                  Pharmaceutical and Herbal drug analysis; Chemometrics &amp; Phytopharmaceutical product development    <b>H index: 5</b>  <b>Total Citations:278</b></p>	
<p><b>DEPARTMENT OF PHARMACOGNOSY</b></p>	
<p><b>Mrs. Manju Vyas Singh</b>  <b>Research Area of Faculty –</b>                  Standardization and evaluation of different Biological Activities of Medicinal Plants  <b>H-index - 3</b>  <b>Total Citations – 16</b></p>	
<p><b>Dr. Sakshi Bajaj</b>  <b>Research Area of Faculty –</b>                  Pharmacognosy and phytochemistry  <b>H-index - 11</b>  <b>Total Citations – 387</b></p>	

**Faculty Achievement**

**Dr. Beauty Behera**

**1/3/2024**

Title of Award - Fip  
 Awarding Institution – Jamia Milia Islamia  
 Universaity, New Delhi

**Faculty as Resource person**

**Dr. Saurabh Dahiya**

**5/6/2023**

Topic - Symposium on World Environment Day  
 Role - Chairperson/ Resource Person  
 Organized by – DPSRU

**4/10/2023**

Topic - UGC Sponsored Multidisciplinary  
 Refresher Course  
 Role - Presenter  
 Organized by – Dr. H.S. Gour Vishwavidyalaya,  
 Sagar, M.P.

**4/11/2023**

Topic - Delhi Elite Model United Nations 2023  
 Role - Chairperson/Resource Person  
 Organized by – Rotaract Club of DPSRU

**Dr. Sahil Kumar**

**11/12/2023**

Topic - International Symposium On

Innovations in the Clinical Practices and Residencies for Ambulatory and Community Pharmacy in India

Role – Chairperson/Resource Person

Organized by - Delhi Pharmaceutical Sciences and Research University, New Delhi.

### 20/3/2024

Topic - INTERNATIONAL CONFERENCE on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024)

Role - Presenter

Organized by - Guru Jambheshwar University of Science & Technology, Hisar (Haryana)

### Dr. Sakshi Bajaj

### 24/11/2023

Topic - AIMST International Conference on Health Science and Technology (AICHST)

Role - Presenter

Organized by - AIMST University, Kedah, Malaysia

### Dr. Gunjan Sharma

### 3/11/2023

Topic - Annual CME DC - ISAR 2023

Role - Presenter

Organized by – IASR & LHMC, Delhi, India

### 14/12/2023

Topic - Indian Pharmacological Society 53rd Annual Conference

Role - Chairperson/Resource Person

Organized by – IIPS, IUPHAR, and SRM University Chennai, India

## Publications

- Ahmad SS, Verma R, Commons RJ, Nitika, Singh-Phulgenda S, Chhajed R, Bharti PK, Behera B, Naser SM, Pal SK, Ranjit PH. A randomised controlled trial to compare the efficacy, safety, and tolerability of low dose, short course primaquine in adults with uncomplicated *P. vivax* malaria in two hospitals in India. *Trials*. 2024 Feb 29;25(1):154.
- Alam N, Latha S, Kumar A. Safety and efficacy of monoclonal antibodies targeting IL-5 in severe eosinophilic asthma: A Systematic review and meta-analysis of randomized controlled trials. *Health Sciences Review*. 2023 Sep 1;8:100103.
- Ambreen S, Fatima N, Umar M, Shaququzzaman M, Alam MM, Ali R. Targeting Various Pathogenic Pathways for the Development of Antialzheimer's Drugs: An Update. *Current Topics in Medicinal Chemistry*. 2023 Oct 5.
- Amir M, Latha S, Sharma R, Kumar A. Association of cardiovascular events with COVID-19 vaccines using vaccine adverse event reporting system (VAERS): a retrospective study. *Current Drug Safety*. 2024 Aug 1;19(3):402-6.
- Dey D, Kumar A. Structural-based Study to Identify the Repurposed Candidates Against Bacterial Infections. *Current Medicinal Chemistry*. 2024.
- Dey D, Kumar A. Unveiling the potential of recently FDA-approved drugs as quorum sensing inhibitors against *P. Aeruginosa* using high-performance computational techniques. *Journal of Biomolecular Structure and Dynamics*. 2024 Jan 11:1-8.
- Fatima N, Umar M, Ambreen S, Shaququzzaman M, Alam MM, Ali R. Targeted Cancer Stem Cell Therapeutics: An Update. *Current Topics in Medicinal Chemistry*. 2024.
- Garg A, Posa MK, Kumar A. Diabetes and deaths of COVID-19 patients: Systematic review of meta-analyses. *Health Sciences Review*. 2023 Jun 1;7:100099.
- Karande S, Das B, Acharya SS, Kumar A, Patel H, Sharma A, Gupta M, Ahmad I, Bhandare V, Sharma K, Kundu CN. (2024). Computational and in vitro screening validates the repositioning potential of Coxibs as anti-fibrotic agents. *Journal of Biomolecular Structure and Dynamics*. 2024 Feb 15:1-3.
- Nain M, Dhorda M, Flegg JA, Gupta A, Harrison LE, Singh-Phulgenda S,

- Otienoburu SD, Harriss E, Bharti PK, Behera B, Rahi M. Systematic Review and Geospatial Modeling of Molecular Markers of Resistance to Artemisinins and Sulfadoxine–Pyrimethamine in *Plasmodium falciparum* in India. *The American Journal of Tropical Medicine and Hygiene*. 2024 May;110(5):910.
- 11 Ohra S, Sharma R, Kumar A. Repurposing of drugs against bacterial infections: A pharmacovigilance based data mining approach. *Drug Development Research*. 2024 Jun;85(4):e22211.
  - 12 P Jhangiani, S Jain, K Neha and S Wakode. Osteoarthritis: An Update on Diagnosis & Management. *Current rheumatology reviews* 2024 Sep 13. DOI: 10.2174/0115733971317490240830101915
  - 13 Purohit D, Dutt R, Kumar P, Kumar S, Kumar A. Design and Molecular Docking Studies of N-Mannich Base Derivatives of Primaquine Bearing Isatin on the Targets involved in the Pathophysiology of Cerebral Malaria. *CNS & Neurological Disorders-Drug Targets (Formerly Current Drug Targets-CNS & Neurological Disorders)*. 2023 Jul 1;22(6):932-43.
  - 14 Raghuvanshi S, Rahman MA, Posa MK, Kumar A. Identification of novel signals associated with US-FDA approved drugs (2013) using disproportionality analysis. *Current Drug Safety*. 2024 Aug 1;19(3):395-401.
  - 15 Sharma A, Roy S, Sharma R, Kumar A. Association of antiviral drugs and their possible mechanisms with DRESS syndrome using data mining algorithms. *Journal of Medical Virology*. 2023 Mar;95(3):e28671.
  - 16 Sharma HK, Karna A, Verma SK, Gupta P, Nagpal D, Kumar A, Pandita D, Mukherjee M, Parmar VS, Agarwal P, Lather V. Exploring the Synergistic Effect of Thymol with Oxacillin against Methicillin Resistant *Staphylococcus aureus*. *Indian Journal of Microbiology*. 2024 May 23:1-0.
  - 17 Sharma S, Singh R, Kumar S. A Recent Advance on Phytochemicals, Nutraceutical and Pharmacological Activities of Buckwheat. *Combinatorial Chemistry & High Throughput Screening*. 2023 Oct 10.
  - 18 Singh R, Kumar A, Lather V, Sharma R, Pandita D. Identification of novel signal of Raynaud's phenomenon with Calcitonin Gene-Related Peptide (CGRP) antagonists using data mining algorithms and network pharmacological approaches. *Expert opinion on drug safety*. 2024 Feb 1;23(2):231-8.
  - 19 Singh R, Sharma D, Kumar A, Singh C, Singh A. Understanding zebrafish sleep and wakefulness physiology as an experimental model for biomedical research. *Fish Physiology and Biochemistry*. 2024 Apr;50(2):827-42.
  - 20 Thakur M, Babu A, Khatik GL, Datusalia AK, Khatri R, Kumar A. Role of baricitinib in COVID-19 patients: A systematic review and meta-analysis. *World Journal of Meta-Analysis*. 2023 Apr 18;11(4):125-33.
  - 21 Tiwari P, Ali SA, Puri B, Kumar A, Datusalia AK. *Tinospora cordifolia* Miers enhances the immune response in mice immunized with JEV-vaccine: A network pharmacology and experimental approach. *Phytomedicine*. 2023 Oct 1;119:154976.
  - 22 Tyagi S, Kumar A. Safety of immune checkpoint inhibitors: An updated comprehensive disproportionality analysis and meta-analysis. *Critical Reviews in Oncology/Hematology*. 2024 May 27:104398.

## Books

- 1 Kumar A, Kumar S and Patil CR. A text book of Social Pharmacy. New Age International Publisher; 2024.
- 2 Kumar A. Meta-analysis in clinical research: principles and procedures. Singapore.: Springer; 2023 Aug 22.
- 3 Kumar A. Signal Analysis in Pharmacovigilance Principles and Processes, Tylor and Francis Publication
- 4 Nandave M, Kumar A. Pharmacovigilance

Essentials: Advances, Challenges and Global Perspectives. Springer Nature; 2024.

## Book Chapters

- 1 Ali R, Ahmed F, Chauhan M.K. Theranostic Approaches for Diagnosis and Treatment of Cancer: An Update. In Targeted Cancer Therapy in Biomedical Engineering 2023 (pp. 631-662). Singapore: Springer Nature Singapore.
- 2 Amir M, Nandave M, Kumar A. Vaccine Safety Surveillance. In Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4 (pp. 227-241). Singapore: Springer Nature Singapore.
- 3 Bhati V, Nandave M, Kumar A, Pandita D. Databases Used in Pharmacovigilance Across the Globe. In Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4 (pp. 55-77). Singapore: Springer Nature Singapore.
- 4 Chauhan MK, Sachdeva A, Ansari L, Gugulothu D. Manufacturing Process of Nanoparticles. In: Jindal, A.B. (eds) Pharmaceutical Process Engineering and Scale-up Principles. AAPS Introductions in the Pharmaceutical Sciences 2023, vol 13. Springer, Cham.
- 5 Goyal K, Manwati T, Kumar A. Role of Traditional South Indian Herbs in the Treatment of Alzheimer's and Parkinson's Diseases. In Medicinal Plants for the Management of Neurodegenerative Diseases 2024 (pp. 121-137). CRC Press.
- 6 Gugulothu D, Chauhan MK, Sachdeva A, Ansari L. Manufacturing process of nanoparticles. In: Jindal A, editor. Pharmaceutical process engineering and scale-up principles. Springer; 2023. eBook ISBN 978-3-031-31380-6.
- 7 Gugulothu D, Dhawan D, Sachdeva A, Deepali, Chauhan MK. Biomaterial-based delivery systems for chemotherapeutics. In: Malviya R, Sundram S, editors. Targeted cancer therapy in biomedical engineering. Springer; 2023. p. 105-178.
- 8 Hamid M, Nandave M, Kumar A. Haemovigilance. In Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4 (pp. 289-315). Singapore: Springer Nature Singapore.
- 9 Javid M, Nandave M, Kumar A. History of Pharmacovigilance. In Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4 (pp. 19-53). Singapore: Springer Nature Singapore.
- 10 K Neha, K Sharma and S Wakode. Computer-Based Technologies for Prediction of Biodegradation. In Artificial Intelligence for Chemical Sciences, Apple Academic Press, 2024.
- 11 K Neha, F Ali, RJ Kuwana and SK Wakode. Regulations in the United States. In Global Regulations of Medicinal, Pharmaceutical, and Food Products, CRC Press, 2024 (pp. 29-39).
- 12 Kaity S, Kumar A. Neuroinflammation in Alzheimer's disease. In Natural Product-based Synthetic Drug Molecules in Alzheimer's Disease: Therapeutic & Theranostic Agents 2023 Dec 15 (pp. 43-59). Singapore: Springer Nature Singapore.
- 13 Kumar P, Nandave M, Kumar A, Nandave D. Herbovigilance. In Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4 (pp. 243-267). Singapore: Springer Nature Singapore.
- 14 Pandey D, Nandave M, Kumar A. Pharmacovigilance System in the USA. In Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4 (pp. 183-197). Singapore: Springer Nature Singapore.
- 15 Roy S, Nandave M, Kumar A. Processing of ADRs. In Pharmacovigilance Essentials: Advances, Challenges and Global

- Perspectives 2024 Apr 4 (pp. 79-109). Singapore: Springer Nature Singapore.
- 16 Saima, Latha S, Sharma R, Kumar A. Role of Network Pharmacology in Prediction of Mechanism of Neuroprotective Compounds. In *Neuroprotection: Method and Protocols 2024 Mar 2* (pp. 159-179). New York, NY: Springer US.
  - 17 Sharma P, Nandave M, Kumar A. Reporting of ADRs Across the Globe: India, USA, EU, and Non-EU. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 127-146). Singapore: Springer Nature Singapore.
  - 18 Sharma R, Kumar A. Effect of Anticancer Treatment Approaches on Gut Microbiota. In *Synbiotics for the Management of Cancer 2023 Mar 26* (pp. 41-59). Singapore: Springer Nature Singapore.
  - 19 Sharma R, Nandave M, Kumar A. Introduction to Signal Detection in Pharmacovigilance. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 333-345). Singapore: Springer Nature Singapore.
  - 20 Sharma R, Nandave M, Kumar A. Role of Pharmacogenetics in Pharmacovigilance. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 317-331). Singapore: Springer Nature Singapore.
  - 21 Sharma S, Batra S, Chauhan MK, Kumar V. Photothermal Therapy for Cancer Treatment. In *Targeted cancer therapy in biomedical engineering 2023* (pp. 755-780). Singapore: Springer Nature Singapore.
  - 22 Shukla D, Nandave M, Kumar A, Siwan D. Pharmacovigilance System in Non-EU Countries. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 199-225). Singapore: Springer Nature Singapore.
  - 23 Singh R, Nandave M, Kumar A, Pandita D. Aggregate Reporting. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 111-125). Singapore: Springer Nature Singapore.
  - 24 Siwan D, Nandave M, Kumar A. Pharmacovigilance System in EU. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 163-182). Singapore: Springer Nature Singapore.
  - 25 Soni M, Nandave M, Kumar A. Materiovigilance. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 269-287). Singapore: Springer Nature Singapore.
  - 26 Targhotra M, Chauhan MK. Multifunctional nanocomposites for blood cancer. In *Multifunctional Nanocomposites for Targeted Drug Delivery in Cancer Therapy 2024* (pp. 323-339). Academic Press.
  - 27 Upadhyay J, Nandave M, Kumar A. Role of Artificial Intelligence in Pharmacovigilance. In *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives 2024 Apr 4* (pp. 347-363). Singapore: Springer Nature Singapore.
  - 28 Zia A, Nandave M, Kumar A. Current Challenges and Future Perspectives: Pharmacovigilance. *Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives. 2024 Apr 4*:365-80.

## Patent

1. S Khasimbi, S Wakode, K Manda, RK Marikanti, VG Sastry and K Neha. Quinazoline-2-amine derivatives as anti-tumor agents. 2024 Application No.202411035375 A – Indian patent.

# School of Pharmaceutical Sciences

School of Pharmaceutical Sciences was established under DPSR University in the year 2015 to promote and provide specialized professional courses in different fields of pharmaceutical sciences. The school in the year 2015 started with B. Pharm, M. Pharm (Department of Pharmaceutics, Department of Pharmaceutical Chemistry, Department of Pharmacology and Department of Pharmacognosy) and Ph.D. Later in the year 2017, the School of Pharmaceutical Sciences continued its growth with few more branches added in M. Pharm courses i.e., Industrial Pharmacy, Cosmoceutics, Drug Regulatory Affairs, Pharmaceutical Analysis, Pharmaceutical Biotechnology, and to provide more specialized courses with a vision of better opportunities for young pharmacist. The vision of the School of Pharmaceutical Sciences aims to nurture pharmaceutical professionals by developing highly competent skilled pharmacists who can serve society in a better way and can become an integral part of the health care system. The Department of Pharmaceutics aims to equip the students with the knowledge of research and development, formulation development, scale-up and technology transfer, regulatory affairs, patent filing, and industrial safety issues. The Department of Pharmaceutical Chemistry along with Pharmaceutical Analysis aims to nurture its students with the knowledge of medicinal chemistry and analytical method with a more scientific approach. The Department of Pharmacology along with Pharmaceutical Biotechnology aims to

provide its students the knowledge of biopharmaceuticals, clinical research, and pharmacovigilance. The Department of Pharmacognosy focuses on the development of drugs from herbal plants and the standardization of herbal drugs. The followings are our values, objective, and plans:

- Excellence and integrity in teaching, research, clinical practice, and service
- Commitment to a learning environment that embraces diversity, inclusiveness, equity and respect
- Promoting and rewarding critical thinking and continuous quality improvement
- Productive engagement with our alumni, clinical and educational partners, and community
- Establishment of 'Centre of Excellence' for Nanoscience and Nanotechnology
- Establishment of Scale-up Technology Lab for commercialization of products
- Set up of Quality Control and Quality Assurance lab for various novel drug delivery systems
- Building up current areas of strength by forming small collaborative units and establish an interdisciplinary biomedical research Centre at DPSRU.
- Explore the herbal wealth of Biodiversity parks in the neighboring areas
- Testing Laboratory for AYUSH, Natural Products, and Phytopharmaceuticals Development of specialized Medicinal

Herbal Garden in the DPSR University Campus

- To provide the supportive environment for the bench to bedside kind of translational research in areas of national priority by collaborating with institutes of national and international importance.
- To start value-added courses in clinical

research, pharmacovigilance, and biopharmaceuticals in collaborations with the Indian Pharmacopoeia Commission, Apollo Hospitals, Biocon, etc.

- Development of Post Graduate Degree and Diploma Courses to provide Teachers required strengthening courses for pharmacy in BAMS, BHMS& BUMS.

## Faculty

### DEPARTMENT OF PHARMACOLOGY / BIOTECHNOLOGY

Dr. Mukesh Nandave	Associate Professor
Dr. Ajit Kumar Thakur	Assistant Professor
Dr. Aparna Chaudhary*	Assistant Professor

### DEPARTMENT OF PHARMACEUTICS / INDUSTRIAL PHARMACY / DRUG REGULATORY AFFAIRS

Dr. Harvinder Popli	Professor
Dr. Geeta Aggarwal	Professor
Dr. Sushama Talegaonkar	Associate Professor
Dr. Madhu Gupta	Associate Professor
Dr. Minakshi Garg	Associate Professor
Dr. Amanpreet Kaur	Assistant Professor
Dr. Sumit Sharma	Assistant Professor
Dr. Bharti Mangla*	Assistant Professor

### DEPARTMENT OF PHARMACEUTICAL CHEMISTRY / PHARMACEUTICAL ANALYSIS

Dr. Rajiv Kumar Tonk	Professor
Dr. Prabodh Chander	Associate Professor
Dr. Priti Jain	Assistant Professor
Dr. Suraj Pal Verma	Assistant Professor
Dr. K. Praveen Kumar	Assistant Professor

### DEPARTMENT OF PHARMACOGNOSY AND PHYTOCHEMISTRY





Dr. Ajay Sharma	Professor
Dr. Mahaveer Dhobi	Associate Professor
Dr. Vijender Kumar	Assistant Professor
Dr. Devesh Tewari	Assistant Professor
Dr. Arya Lakshmi M.	Assistant Professor

### DEPARTMENT OF B. PHARM. AYURVED





Dr. Amrita Mishra	Assistant Professor
Dr. Foziyah Zakir	Assistant Professor
Dr. Roshni Tandey	Assistant Professor
Dr. Saveena Chauhan#	





## Research Profile of Faculty

DEPARTMENT OF PHARMACOLOGY/ BIOTECHNOLOGY	
<p><b>Dr. Mukesh Nandave</b></p> <p><b>Research Area of Faculty –</b> Diabetes, Cardiovascular Sciences, Cancer, Nutraceuticals</p> <p><b>H-index – 23</b></p> <p><b>Total Citations- 1700</b></p>	
<p><b>Dr. Ajit Kumar Thakur</b></p> <p><b>Research Area of Faculty -</b> Neuropharmacology &amp; psychopharmacology with specific reference to investigation of neurotransmitters and biomarkers in CNS co-morbidity associated with metabolic disorders &amp; stress. Preclinical research for novel therapeutic hits and leads suitable for drug development aimed at Neurological Disorders.</p> <p><b>H-index - 17</b></p> <p><b>Total Citations – 998</b></p>	
<p><b>Dr. Aparna Chaudhary</b></p> <p><b>Research Area of Faculty –</b> Nanomedicine, Nanobiotechnology, Chemical biology, Biophysics</p> <p><b>H-index - 2</b></p> <p><b>Total Citations – 44</b></p>	
DEPARTMENT OF PHARMACEUTICS/INDUSTRIAL PHARMACY/ DRUG REGULATORY AFFAIRS	
<p><b>Prof. Harvinder Popli</b></p> <p><b>Research Area of Faculty –</b> Targeted drug delivery, medical devices global &amp; regulatory affairs.</p> <p><b>H-index - 20</b></p> <p><b>Total Citations – 684</b></p>	
<p><b>Prof. Geeta Aggarwal</b></p> <p><b>Research Area of Faculty -</b> Targeted drug delivery by nanocarriers, translational and reverse translational research, Precision medicine</p> <p><b>H-index - 32</b></p> <p><b>Total Citations – 3685</b></p>	

<p><b>Dr. Sushama Talegaonkar</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Designing of smart functionalized nanocarrier for drug Targeting</li> <li>▪ Designing of novel carrier for bioavailability enhancement</li> <li>▪ Cosmeceuticals</li> </ul> <p><b>H-index - 59</b> <b>Total Citations – 14243</b></p>	
<p><b>Dr. Madhu Gupta</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Development of innovative formulations for chronic wound healing, psoriasis, cutaneous fungal infection, cancer targeting 3D printing</li> <li>▪ Green nanotechnology</li> <li>▪ Lipidic and vesicular system for topical and Transdermal drug delivery system</li> </ul> <p><b>H-index -30</b> <b>Total Citations – 2735</b></p>	
<p><b>Dr. Minakshi Garg</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Formulation approaches to improve ocular bioavailability of drugs.</li> <li>▪ Ophthalmic drug delivery system.</li> <li>▪ Vesicular/particulate drug delivery- for improved bio-pharmaceutical performance through - topical and oral routes.</li> </ul> <p><b>H-index - 15</b> <b>Total Citations – 1491</b></p>	
<p><b>Dr. Amanpreet Kaur</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Formulation strategies to improve drug delivery challenges of small molecules.</li> <li>▪ Topical/Transdermal drug delivery systems for rheumatoid arthritis, psoriasis, and other dermatological conditions</li> <li>▪ Design of lipid and polymeric nanocarriers for effective targeted delivery</li> <li>▪ Mucoadhesive oral films and nanofiber development and characterization</li> </ul> <p><b>H-index -16</b> <b>Total Citations-866</b></p>	

<p><b>Dr. Sumit Sharma</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Formulation and development of nano drug delivery systems including polymeric nanoparticles and nano emulsions.</li> <li>▪ Stimuli responsive gelling systems and Targeted delivery systems</li> <li>▪ Multi unit particulate systems, suspensions and tablets</li> <li>▪ Film coatings techniques, (Spray and Wurster) and Pharmacodynamic and Pharmacokinetic studies</li> </ul> <p><b>H-index - 11</b> <b>Total Citations – 581</b></p>	
<p><b>Dr. Bharti Mangla</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Nanotechnology</li> <li>▪ Breast Cancer</li> <li>▪ Combinatorial Therapy</li> </ul> <p><b>H-index - 15</b> <b>Total Citations – 751</b></p>	
<p><b>DEPARTMENT OF PHARMACEUTICAL CHEMISTRY/ PHARMACEUTICAL ANALYSIS</b></p>	
<p><b>Prof. Rajiv K. Tonk</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Designing, Synthesis, Characterization &amp; Biological evaluation of new nitrogen containing heterocyclic derivatives</li> <li>▪ Development and validation of analytical methods for drugs and drug formulations</li> </ul> <p><b>H-index - 19</b> <b>Total Citations – 2044</b></p>	
<p><b>Dr. Prabodh Chander Sharma</b></p> <p><b>Research Area of Faculty –</b> Synthesis of small heterocyclic compound for anticancer and anti infective activity</p> <p><b>H-index - 38</b> <b>Total Citations – 6281</b></p>	
<p><b>Dr. Priti Jain</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Insilico drug design</li> <li>▪ Chemical synthesis of low molecular weight compounds acting against AD, Cancer and HIV</li> </ul> <p><b>H-index - 12</b> <b>Total Citations – 400</b></p>	

<p><b>Dr. Surajpal Verma</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>Analytical method development and validation for drug substances and drug products</li> <li>Co-polymer synthesis and evaluation</li> <li>Formulation development and evaluation</li> </ul> <p><b>H-index - 13</b> <b>Total Citations – 744</b></p>	
<p><b>Dr. K. Praveen Kumar</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>Synthesis of computationally designed molecules of medicinal interest.</li> <li>Green analytical chemistry approaches to the development and validation of new analytical methods for drug molecules using HPLC, UV, LC/MS, and other techniques.</li> <li>Bio-analytical method development and metabolite profiling; impurity profiling of drugs; forced degradation (stress testing); and stability kinetics studies.</li> <li>Extraction, isolation, and chemical studies on bioactive metabolites from plant sources.</li> </ul> <p><b>H-index - 7</b> <b>Total Citations – 195</b></p>	
<p><b>DEPARTMENT OF PHARMACOGNOSY AND PHYTOCHEMISTRY</b></p>	
<p><b>Prof. Ajay Sharma</b></p> <p><b>Research Area of Faculty –</b> Secondary Metabolites Production by Plant Tissue Culture</p> <p><b>H-index - 24</b> <b>Total Citations – 1975</b></p>	
<p><b>Dr. Mahaveer Dhobi</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>Bioactivity guided isolation and structure elucidation of lead compounds from medicinal plants</li> <li>Applications of HPTLC, HPLC, UPLC and LCMS in the quality control of herbal medicines</li> <li>Metabolomics</li> <li>Phytopharmaceuticals</li> <li>Covid and long-Covid</li> </ul> <p><b>H-index - 12</b> <b>Total Citations – 547</b></p>	

<p><b>Dr. Vijender Kumar</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Extraction and Isolation of Phytoconstituents and Essential oils,</li> <li>▪ Traditional medicine &amp; Ethnopharmacology,</li> <li>▪ Preclinical Poly Herbal formulation / Nutraceutical/ Food supplement development for Diabetes, Joint Pain, Gastric Problems, Chronic constipation, Insomnia, Anxiety, Hair Fall, Low Immunity, leucorrhoea and Skin Disorders.</li> </ul> <p><b>H – Index – 17</b> <b>Total Citation – 1251</b></p>	
<p><b>Dr. Arya Lakshmi Mariseti</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Pharmacognosy</li> <li>▪ Phytochemistry</li> <li>▪ Herbal Medicine</li> </ul> <p><b>H-index - 04</b> <b>Total Citations – 34</b></p>	
<p><b>Dr. Devesh Tewari</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Metabolomics</li> <li>▪ Ethnopharmacology</li> <li>▪ Pharmacognosy</li> <li>▪ Nanotechnology</li> <li>▪ Grassroots Innovation</li> </ul> <p><b>H-index - 42</b> <b>Total Citations – 6710</b></p>	
<p><b>Dr. Himanshu</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Queuing theory</li> <li>▪ Mathematical modelling</li> </ul> <p><b>H-index - 03</b> <b>Total Citations – 30</b></p>	

## Faculty Achievements

### Dr. Sushama Talegaonkar

17/9/2023

Title of Award - Research Excellence Award in "Drug Delivery" at Bhopal

Awarding Institution – RB Science Enterprising Bioscience Research

### Dr. Mahaveer Dhobi

26/4/2024

Title of Award - 1st Prize "Dr. P. D. Sethi

Memorial Annual National Awards-2022 for Best Research Paper on Application of TLC / HPTLC in Pharma and Herbal".

Awarding Institution – Anchrom, Mumbai

### Dr. Surajpal Verma

26/11/2023

Title of Award - Teacher of the Year Award

Awarding Institution – National Pharma Summit

## Faculty as Resource person

### Dr. Sushama Talegaonkar

**13/5/2023**

Topic - Trends in drug Delivery: Moving towards better health outcomes, International Conference on "Current and Future Perspectives of Pharmaceuticals in Health Care at Constitution Club of India

Role - Chairperson/Resource Person

Organized by – PRS Education Trust, SPER, Jamia Hamdard and DPSRU

**21/10/2023**

Topic - Smart biopolymeric nanoparticles in colon cancer targeting, National conference on current trends in drug discovery and development

Role - Chairperson/Resource Person

Organized by – Ideal Institute of Pharmacy, Wada, Palghar

**12/2/2024**

Topic - Online Refresher Course in Life Science from 29th January to 13th February 2024, organized by Pt. Ravishankar Shukla University, Raipur

Role - Chairperson/Resource Person

Organized by – Pt Ravishankar Shukla University, Raipur

### Dr. Mahaveer Dhobi

**16/2/2024**

Topic - "International Conference on Traditional Medicine & Phytopharmaceuticals (ICTMP) & International Congress of Society for Ethnopharmacology (SFEC 2024)"

Role - Presenter

Organized by – IIIM, Jammu

### Dr. Surajpal Verma

**27/10/2023**

Topic-DRDO Sponsored National Conference

Role - Chairperson/Resource Person

Organized by – Galgotias University

### Dr. Amanpreet Kaur

**10/12/2023**

Topic - One-month Faculty Induction Programme "Faculty in Universities/Colleges/ Institutes of Higher Education"

Role - Presenter

Organized by - TLC Ramanujan College under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PTeaching Learning Center, Ramanujan College, University of Delhi

**3/12/2024**

Topic - NEP 2020 Orientation and Sensitization Programme 2024

Role - Presenters

Organized by - CPDHE, University of Delhi

**5/2/2024**

Topic - FDP on Environmental Sustainability and Green Technologies

Role – Chairperson/Resource Person

Organized by - AID, Chitkara University

### Dr. Foziyah Zakir

**21/2/2024**

Topic - International Conference on Scientific Research in Unani Medicine: Current Trends and Approaches

Role - Chairperson/Resource Person

Organized by – Centre of Excellence in Unani Medicine, Jamia Hamdard

**13/5/2024**

Topic - International Conference on "Current and Future Perspectives of Pharmaceuticals in Health Care

Role - Chairperson/Resource Person

Organized by – Jamia Hamdard & DPSRU

**17/5/2024**

Topic - 8th Hodjia Akhmet Yassawi International Congress on Scientific Research

Role - Presenter

Organized by – Lankaran State University, Turkey

**Dr. Amrita Mishra****21/8/2023**

Topic - 4 Week Faculty Induction/ Orientation Programme

Role – Presenter

Organized by – Teaching Learning Centre, Ramanujan College, University of Delhi

**2/9/2023**

Topic - APTICON-2023

Role - Presenter

Organized by – PSIT, Kanpur

**6/11/2023**

Topic - ORCID and INFLIBNET Services for Scholarly Communities

Role - Presenter

Organized by – Dr. B.R. Ambedkar University, Delhi

**Publications**

- 1 Abidi S, Talegaonkar S, Notani S, Pradhan V, Pokharkar V, Popli H. Stepping into small shoes: Gaining user perspective on appropriate administration devices for paediatric medication in India. *European Journal of Pharmaceutics and Biopharmaceutics*. 2023 Oct; 191:247-58.
- 2 Agarwal U, Tonk RK, Sharma K, Bhutani R, Verma S. Synthesis, ADME, Molecular Docking and Biological Evaluation of New 2-Aminobenzothiazoles. *Current Bioactive Compounds*. 2023 Nov 1;19(9):81-94.
- 3 Al Amin M, Dehbia Z, Nafady MH, Zehravi M, Kumar KP, Haque MA, Baig MS, Farhana A, Khan SL, Afroz T, Koula D. Flavonoids and Alzheimer's disease: reviewing the evidence for neuroprotective potential. *Molecular and Cellular Biochemistry*. 2024 Apr 3:1-31.
- 4 Attri A, Taleuzzaman M, Verma S. Microwave-assisted Synthesis and Characterization of Acrylamide Grafted Copolymer of Okra Gum with the Application of 32 Central Composite Designs (CCD). *Letters in Drug Design & Discovery*. 2023 Jun 1;20(6):755-66.
- 5 Bhardwaj G, Riadi Y, Afzal M, Bansal P, Kaur H, Deorari M, Tonk RK, Kazmi I, Alzarea SI, Kukreti N, Thangavelu L. The hidden threat: environmental toxins and their effects on gut microbiota. *Pathology-Research and Practice*. 2024 Mar 1; 255:155173.
- 6 Bhuyan M, Kaur M, Kaushal U, Nagpal M, Singh M, Aggarwal G. Recent avenues in treatment of liver diseases: role of nanotechnology. *Current Drug Targets*. 2023 Mar 1;24(4):320-31.
- 7 Bukke SP, Gopalakrishnaiah T, Onohuean H, Rao PB, Nandimandalam N, Babu MR, Kumar KP. Drug Utilization Analysis of Analgesics and Adjuvants Used in Pain Management. *Archives of Pharmacy Practice*. 2024;15(2-2024):4-11.
- 8 Bukke SP, Venkatesh C, Bandenahalli Rajanna S, Saraswathi TS, Kusuma PK, Goruntla N, Balasuramanyam N, Munishamireddy S. Solid lipid nanocarriers for drug delivery: design innovations and characterization strategies—a comprehensive review. *Discover Applied Sciences*. 2024 May 16;6(6):279.
- 9 Dabas R, Musyuni P, Aggarwal G. An Overview of Regulatory Perspectives of Nanoparticles and Liposomal Products in India and USA. *Journal of Generic Medicines*. 2023 Dec;19(4):166-78.
- 10 Danaboina G, Mishra S, Sharma D, Kumar A, Mehra V, Kumar R, Dahiya M, Dhobi M, Kalaiselvan V, Raghuvanshi Rs, Tiwari R. Targeted enrichment of Glycyrrhiza glabra root extract and bioactive compound

- (s) quantification—A potential scaffold for phytopharmaceutical ingredient development. *Chinese Journal of Analytical Chemistry*. 2023 May 1;51(5):100247.
- 11 Dutta S, Ghosh T, Sahoo NK, Alugubelli GR, Kumar A, Patidar L, Khanpara P, Tandey R, Thelly MT. Phytochemical Profile & Pharmacological significance of Piper nigrum - king of spices. *African Journal of Biological Sciences*. 2024;6(10).
  - 12 Firdous SM, Pal S, Khanam S, Zakir F. Behavioral neuroscience in zebrafish: unraveling the complexity of brain-behaviour relationships. *Naunyn-Schmiedeberg's Archives of Pharmacology*, July 2024; In press.
  - 13 Gandla K, Kumar KP, Rajasulochana P, Charde MS, Rana R, Singh LP, Haque MA, Bakshi V, Siddiqui FA, Khan SL, Ganguly S. Fluorescent-Nanoparticle-Impregnated Nanocomposite Polymeric Gels for Biosensing and Drug Delivery Applications. *Gels*. 2023 Aug 18;9(8):669.
  - 14 Grover R, Drall S, Poonia N, Jain GK, Aggarwal G, Lather V, Kesharwani P, Pandita D, Goyal RK. CD44 and CD133 aptamer directed nanocarriers for cancer stem cells targeting. *European Polymer Journal*. 2023 Jan 19; 183:111770.
  - 15 Gupta H, Dhiman S, Kumar A, Paliwal SK, Khan G, Singh H, Mishra A, Mishra AK. Photo- and Bio-degradation of Selected Persistent Organic Pollutants. *Separation & Purification Reviews*. 2024 Mar 23;1-14
  - 16 Guptha PM, Kanoujia J, Kishore A, Raina N, Wahi A, Gupta PK, Gupta M. A comprehensive review of the application of 3D-bioprinting in chronic wound management. *Expert Opinion on Drug Delivery*. 2024 Jun 2(just-accepted).
  - 17 Haque S, Hussain A, Joshi H, Sharma U, Sharma B, Aggarwal D, Rani I, Ramniwas S, Gupta M, Tuli HS. Melittin: a possible regulator of cancer proliferation in preclinical cell culture and animal models. *Journal of Cancer Research and Clinical Oncology*. 2023 Dec;149(19):17709-26.
  - 18 Islam F, Nath N, Zehravi M, Khan J, Jashim SB, Charde MS, Chakole RD, Kumar KP, Babu AK, Nainu F, Khan SL. Exploring the role of natural bioactive molecules in genitourinary cancers: how far has research progressed? *Natural Products and Bioprospecting*. 2023 Dec;13(1):39.
  - 19 Jain R, Singh R, Badhwar R, Gupta T, Popli H. Development and optimization of Clitoria teratea synthesized silver nanoparticles and its application to nanogel systems for wound healing. *Drug Development and Industrial Pharmacy*. 2024 Mar;50(3):181-191.
  - 20 Jain T, Katiyal T, Bharatam SST, Kaushik M, Ali M, Patel M, Zakir F, Khan MZ, Mirza MA, Iqbal Z. Menstrual cup awareness and future usage possibilities of consumers: A cross-sectional study. *Current Women's Health Reviews*, Nov 2023; In press.
  - 21 Jain VK, Jain K, Popli H. Conjugates of amphotericin B to resolve challenges associated with its delivery. *Expert Opinion Drug Delivery* 2024 Jan;21(2):187-210.
  - 22 Jindal M, Kaur M, Nagpal M, Singh M, Aggarwal G, Dhingra GA. Skin cancer management: Current scenario and future perspectives. *Current Drug Safety*. 2023;18(2):143-158
  - 23 Kalra N, Verma P, Verma S. Advancements in AI based healthcare techniques with FOCUS ON diagnostic techniques. *Computers in Biology and Medicine*. 2024 Sep 1; 179:108917.
  - 24 Kalra S, Aggarwal G, Pawaria S, Yadav S, Ajmera P. Psychological health of postmenopausal women: a bibliometric analysis in the recent decade. *Climacteric*. 2023 Sep 3;26(5):428-36.
  - 25 Kaur A, Sharma K, Sharma N, Aggarwal G. An Insight into the Repurposing of Phytoconstituents obtained from Delhi's Aravalli Biodiversity Park as Antifungal Agents. *Infectious Disorders-Drug Targets*

- (Formerly Current Drug Targets-Infectious Disorders). 2024 Nov 1;24(7):63-83.
- 26 Kaur M, Nagpal M, Aggarwal G. Nanotechnology for targeted drug delivery to treat osteoporosis. *Current Drug Targets*. 2023 Jan 1;24(1):2-12.
  - 27 Kaur M, Sharma A, Puri V, Aggarwal G, Maman P, Huanbutta K, Nagpal M, Sangnim T. Chitosan-based polymer blends for drug delivery systems. *Polymers*. 2023 Apr 25;15(9):2028.
  - 28 Kaur P, Verma S, Tomar B, Vyas M, Kakoty V, Saha P, Kalarikkal Chandran S. Exploring Applications of Flexible Vesicular Systems as Transdermal Drug Delivery. *Current Drug Delivery*. 2024 Oct 1;21(8):1062-72.
  - 29 Kaur P, Vyas M, Verma S. Challenges and Strategies to develop RP-HPLC Method of L-Arginine with Polyphenolic compounds. *Research Journal of Pharmacy and Technology*. 2024 Jan 19;17(1):115-9.
  - 30 Khan N, Jain P, Mohapatra S, Hassan N, Farooq U, Khan R, Talegaonkar S, Mirza MA, Iqbal Z. In vitro, ex vivo, and in vivo appraisal of clobetasol propionate microparticles embedded topical bigel for psoriasis management. *Journal of Dispersion Science and Technology*. 2023 Oct 4:1-9.
  - 31 Kumar P, Kumar D, Yadav V, Maurya SK, Tonk RK. Simple isocratic RP-UHPLC-MS methods for the determination of steviols and its glycosides: Quality control perspectives. *Food Bioscience*. 2023 Jun 1;53:102686.
  - 32 Kumar P, Mangla B, Javed S, Ahsan W, Aggarwal G. Amelioration of the therapeutic potential of gefitinib against breast cancer using nanostructured lipid carriers. *Nanomedicine*. 2023 Aug 1;18(18):1139-60.
  - 33 Kumar P, Mangla B, Javed S, Ahsan W, Musyuni P, Ahsan A, Aggarwal G. Gefitinib: an updated review of its role in the cancer management, its nanotechnological interventions, recent patents and clinical trials. Recent patents on anti-cancer drug discovery. 2023 Nov 1;18(4):448-69.
  - 34 Kumar P, Mangla B, Javed S, Ahsan W, Musyuni P, Sivadasan D, Alqahtani SS, Aggarwal G. A review of nanomaterials from synthetic and natural molecules for prospective breast cancer nanotherapy. *Frontiers in Pharmacology*. 2023 May 19;14:1149554.
  - 35 Kumar S, Shukla MK, Sharma AK, Jayaprakash GK, Tonk RK, Chellappan DK, Singh SK, Dua K, Ahmed F, Bhattacharyya S, Kumar D. Metal based nanomaterials and nanocomposites as promising frontier in cancer chemotherapy. *MedComm*. 2023 Apr;4(2): e253.
  - 36 Kumari A, Kaur A, Aggarwal G. The emerging potential of siRNA nanotherapeutics in treatment of arthritis. *Asian Journal of Pharmaceutical Sciences*. 2023 Sep 16:100845.
  - 37 Manchanda N, Vishkarma H, Goyal M, Shah S, Famta P, Talegaonkar S, Srivastava S. Surface Functionalized Lipid Nanoparticles in Promoting Therapeutic Outcomes: An Insight View of the Dynamic Drug Delivery System. *Current Drug Targets*. 2024 Mar 1;25(4):278-300.
  - 38 Mangla B, Kaur A, Kumar P, Javed S, Ahsan W, Popli H. Development of nanobigel system combining apoptosis-inducing daidzein and flaxseed oil for the synergistic treatment of skin cancer. *Journal of Drug Delivery Science and Technology*. 2024 Jun 5:105843.
  - 39 Mangla B, Mittal P, Kumar P, Javed S, Ahsan W, Aggarwal G. Development of erlotinib-loaded nanotransferosomal gel for the topical treatment of ductal carcinoma in situ. *Nanomedicine*. 2024 Apr 1;19(10):855-74.
  - 40 Mishra AK, Singh H, Kumar A, Gupta H, Mishra A. Recent Advancements in Liquid Chromatographic Techniques to Estimate

- Pesticide Residues Found in Medicinal Plants around the Globe. *Critical Reviews in Analytical Chemistry*. 2023 May 10:1-5.
- 41 Mohit, Kumar P, Solanki P, Mangla B, Aggarwal G. Formulation development, optimization by box-behnken design, and in vitro characterization of gefitinib phospholipid complex based nanoemulsion drug delivery system. *Journal of Pharmaceutical Innovation*. 2023 Sep;18(3):952-64.
- 42 Musyuni P, Sharma R, Aggarwal G. Optimizing drug discovery: An opportunity and application with reverse translational research. *Health Sciences Review*. 2023 Mar 1; 6:100074.
- 43 Mutombo PN, Kasilo OM, James PB, Wardle J, Kunle O, Katerere D, Wambebe C, Matsabisa MG, Rahmatullah M, Nikiema JB, Mukankubito I. Experiences and challenges of African traditional medicine: lessons from COVID-19 pandemic. *BMJ Global Health*. 2023 Aug 1;8(8): e010813.
- 44 Nakhate VP, Akojwar NS, Sinha SK, Lomte AD, Dhobi M, Itankar PR, Prasad SK. Wound healing potential of *Acacia catechu* in streptozotocin-induced diabetic mice using in vivo and in silico approach. *Journal of Traditional and Complementary Medicine*. 2023 Sep 1;13(5):489-99.
- 45 Nitave SA, Patil VA, Shaikh I, Kalia R, Bhalchim V, Tandey R, Ashok PK, Panda S. Febrile seizure in hospital-based children: a case control study. *Journal of Chemical Health Risks*. 2023;13(5):91-98.
- 46 Pal R, Mukherjee S, Khan A, Nathani M, Maji S, Tandey R, Das S, Patra A, Mandal V. A critical appraisal on the involvement of plant-based extracts as neuroprotective agents (2012-2022): an effort to ease out decision-making process for researchers. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2024 Jul 10:1-49.
- 47 Panchal A, Musyuni P, Aggarwal G. Regulatory perspective of cancer drug development: An overview. *Journal of Generic Medicines*. 2023 Dec;19(4):179-85.
- 48 Panwar V, Singh A, Bhatt M, Tonk RK, Azizov S, Raza AS, Sengupta S, Kumar D, Garg M. Multifaceted role of mTOR (mammalian target of rapamycin) signaling pathway in human health and disease. *Signal transduction and targeted therapy*. 2023 Oct 2;8(1):375.
- 49 Prasad RS, Yenorkar NY, Dhaswadikar SR, Sinha SK, Rai N, Sharma P, Kulkarni O, Kumar N, Dhobi M, Laloo D, Gurav SS. A systematic anti-diarrhoeal evaluation of a vegetable root *Begonia roxburghii* and its marker flavonoids against non-pathogenic and pathogenic diarrhoea. *Food Bioscience*. 2023 Jun 1; 53:102672.
- 50 Raina N, Haque S, Tuli HS, Jain A, Slama P, Gupta M. Optimization and Characterization of a Novel Antioxidant Naringenin-Loaded Hydrogel for Encouraging Re-Epithelization in Chronic Diabetic Wounds: A Preclinical Study. *ACS omega*. 2023 Sep 14;8(38):34995-5011.
- 51 Ranga A, Gupta A, Yadav L, Kumar S, Jain P. Advancing beyond reverse transcriptase inhibitors: The new era of hepatitis B polymerase inhibitors. *European Journal of Medicinal Chemistry*. 2023 Sep 5; 257:115455.
- 52 Rani R, Raina N, Kumar A, Gupta PK, Gupta M. Advanced nanomedicine approach of JAK inhibitors: supporting treatment of rheumatoid arthritis. *Nanomedicine*. 2024 Feb 1;19(4):277-80.
- 53 Rathee A, Solanki P, Verma S, Vohora D, Ansari MJ, Aodah A, Kohli K, Sultana Y. Simultaneous determination of Posaconazole and Hemp Seed Oil in Nanomicelles through RP-HPLC via a quality-by-design Approach. *ACS omega*. 2023 Aug 11;8(33):30057-67.
- 54 Sah A, Aggarwal G, Jain GK, Zaidi SM, Naseef PP, Kuruniyan MS, Zakir F. Design and Development of a Topical Nanogel Formulation Comprising of a Unani

- Medicinal Agent for the Management of Pain. *Gels*. 2023 Oct 2;9(10):794.
- 55 Shaikh MS, Kale MA, Zehravi M, Unnisa A, Haque MA, Kumar KP, Khan SL, Ali SS, Siddiqui FA, Emran TB, AbdElrahim E. A rapid and large volume synthesis of mono-, di-, tri-, and tetra-substituted imidazole derivatives via ultrasonic radiation-driven technique. *Radiation Effects and Defects in Solids*. 2024 Mar 3;179(3-4):431-50.
  - 56 Sharma D, Sharma S, Mandal V, Dhobi M. Unveiling the anti-inflammatory potential of *Acalypha indica* L. and analyzing its research trend: digging deep to learn deep. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2024 Apr;397(4): 1935-56.
  - 57 Sharma K, Yadav V, Sharma K, Tonk RK, Jain P, Verma S. Overview of the Current Advancements and Trends in the Transungual Drug Delivery System. *Letters in Drug Design & Discovery*. 2024 Jun 1;21(8):1316-24.
  - 58 Sharma MG, Grover A, Shekhawat K, Popli H. Patient satisfaction with access, affordability and quality of diabetes care at Mohalla Clinics in Delhi, India. *Frontiers in Public Health*. 2023 Apr 17; 11:1160408.
  - 59 Sharma MG, Popli H. India on the Path to Universal Health Coverage-Progress Compared with Other Emerging Economies of BRICS and ASEAN-5. *J Young Pharm*. 2023 Apr 17;15(2):326-33.
  - 60 Sharma P, Tonk RK, Malik M, Sharma S. Evaluation Of Novel Iontophoretic Gel Containing *Symphytum Officinale* On Knee Osteoarthritic Patients. *Journal of Advanced Zoology*. 2024 Jan 1;45(1).
  - 61 Sharma S, Kumar S, Sharma N, Verma S. Cutting-Edge Developments and Patent Trends in Microspheres Drug Delivery: A Comprehensive Overview. *Recent patents on nanotechnology*.
  - 62 Sharma S, Nair N, Majeed J, Patel B, Mandal V, Dhobi M. Critically analyzing the resilience of alternative and complementary medicines as possible COVID-19 intervention: A cross-sectional study based on CTRI database. *Journal of Herbal Medicine*. 2023 Sep 1; 41:100730.
  - 63 Sharma S, Sharma D, Dhobi M, Wang D, Tewari D. An insight to treat cardiovascular diseases through phytochemicals targeting PPAR-. *Molecular and Cellular Biochemistry*. 2024 Mar;479(3):707-32.
  - 64 Sharma S, Sharma N, Verma S, Bhagwat D. Development of liposomal topical gel of bexarotene for effective management of cutaneous t-cell lymphoma: Formulation to preclinical assessment. *Istanbul Journal of Pharmacy*. 2023 Apr 1;53(1):1-9.
  - 65 Shekhar N, Thakur AK. Evaluation of the protective effect of capric acid on behavioral and biochemical alterations in valproic acid-induced model of autism. *Neurochemistry International*. 2024 Jul 1; 177:105767.
  - 66 Shekhar N, Tyagi S, Thakur AK. Alternative Approaches for the Management of Autism: A Narrative Review. *Current Psychiatry Research and Reviews Formerly: Current Psychiatry Reviews*. 2024 Feb 1;20(1):14-36.
  - 67 Siddiqui L, Hasan N, Mishra PK, Gupta N, Singh AT, Madaan A, Jaggi M, Saad S, Ekielski A, Iqbal Z, Kesharwani P, Talegaonkar S. CD44 mediated colon cancer targeting multifaceted lignin nanoparticles: Synthesis, in vitro characterization and in vivo efficacy studies. *International Journal of Pharmaceutics*. 2023 Aug 25; 643:123270.
  - 68 Sikarwar M, Mishra VS, Tiwari P, Gupta M, Dholpuria S, Gupta PK. Polyester nanomedicines for visceral leishmaniasis treatment. *Nanomedicine*. 2023 Sep;18(22):1515-8.
  - 69 Singh H, Chopra H, Singh I, Mohanto S, Ahmed MG, Ghumra S, Seelan A, Survase M, Kumar A, Mishra A, Mishra AK. Molecular targeted therapies for cutaneous squamous cell carcinoma:

- recent developments and clinical implications. *EXCLI journal*. 2024; 23:300.
- 70 Singh H, YT K, Mishra AK, Singh M, Mohanto S, Ghumra S, Seelan A, Mishra A, Kumar A, Pallavi J, Ahmed MG. Harnessing the foundation of biomedical waste management for fostering public health: strategies and policies for a clean and safer environment. *Discover Applied Sciences*. 2024 Feb 22;6(3):89.
- 71 Singh JK, Chakraborty S, Nagpal M, Aggarwal G. Herbal Approach for Diabetic Cure and Futuristic Dimension. *Current Drug Research Reviews Formerly: Current Drug Abuse Reviews*. 2023 Nov 1;15(3):207-21.
- 72 Sristi, Fatima M, Sheikh A, Almalki WH, Talegaonkar S, Dubey SK, Amin MC, Sahebkar A, Kesharwani P. Recent advancement on albumin nanoparticles in treating lung carcinoma. *Journal of Drug Targeting*. 2023 May 28;31(5):486-99.
- 73 Suchitra M, Kumar KP, Katagi MS, Venkateswarlu G, Mahalakshmi PS. HDAC Inhibitors: A Novel Approach to Hyperglycaemia Management and Treatment. *Health Sciences Review*. 2023 Nov 14:100137.
- 74 Talegaonkar S, Chitlangia A, Pradhan V, More S, Salunke S. Uncovering caregiver concerns: 5 key issues that still remain unresolved in administration of oral medicines for children in India. *European Journal of Pharmaceutics and Biopharmaceutics*. 2023 Jun 1; 187:166-74.
- 75 Tandey R, Kumar GV, Sarkar D, Sarkhel S, Sinha S, Singh B, Pathak V, Hemlata, Kumar A. In-depth review on phytochemistry and pharmacological significance of *Clitoria ternatea*. *Journal of Cardiovascular Disease Research*. 2024;15(2).
- 76 Tiwari N, Jaimini A, Jain GK, Aggarwal G, Mittal G. Evaluation of three different <sup>99m</sup>Tc-based mock-venom agents for lymphoscintigraphy studies in preclinical models of peripheral snakebite envenomation. *Journal of Pharmacological and Toxicological Methods*. 2023 Jul 1; 122:107280.
- 77 Tiwari N, Kumar D, Priyadarshani A, Jain GK, Mittal G, Kesharwani P, Aggarwal G. Recent progress in polymeric biomaterials and their potential applications in skin regeneration and wound care management. *Journal of Drug Delivery Science and Technology*. 2023 Apr 1; 82:104319.
- 78 Tiwari R, Mishra S, Danaboina G, Jadaun GP, Kalaivani M, Kalaiselvan V, Dhobi M, Raghuvanshi RS. Comprehensive chemoprofiling of coumarins enriched extract derived from *Aegle marmelos* (L.) Correa fruit pulp, as an anti-diabetic and anti-inflammatory agent. *Saudi Pharmaceutical Journal*. 2023 Sep 1;31(9):101708.
- 79 Tiwari R, Mishra S, Kumar A, Kalaiselvan V, Dhobi M, Raghuvanshi RS. Plant active metabolites: A new paradigm in the treatment of Hypertension (a brief description of Indian Pharmacopoeia–2022 herbal monographs). *Indian Journal of Natural Products & Resources*. 2023 Jun 1;14(2).
- 80 Tomar S, Musyuni P, Aggarwal G. An overview of regulation for nutraceuticals and concept of personalized nutraceuticals. *Journal of Generic Medicines*. 2023 Jun;19(2):66-74.
- 81 Tyagi S, Shekhar N, Thakur AK. Alternative approaches for the management of Huntington's disease: A narrative review. *Altern. Ther. Health Med*. 2023 Oct 27.
- 82 Tyagi S, Thakur AK. Beneficial role of capsaicin through modulation of mitochondrial functions in MPTP-injected mice. *Neuroscience and Behavioral Physiology*. 2024 Feb 10:1-5.
- 83 Tyagi S, Thakur AK. Effect of Capsaicin on 3-NP-Induced Neurotoxicity: A Pre-Clinical Study. *Neurochemical Research*. 2024 May 30:1-22.

- 84 Tyagi S, Thakur AK. Neuropharmacological study on Capsaicin in Scopolamine-injected mice. *Current Alzheimer Research*. 2023 Sep 1;20(9):660-76.
- 85 Verma P, Kalra N, Verma S. Advancement in sensory identification of heavy metal contamination in water: A review on progression from spectroscopic analytical techniques to handheld sensors. *Microchemical Journal*. 2024 Jul 28:111293.
- 86 Wahi A, Jain P, Sinhari A, Jadhav HR. Progress in discovery and development of natural inhibitors of histone deacetylases (HDACs) as anti-cancer agents. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2024 Feb;397(2):675-702.
- 87 Wahi A, Manchanda N, Jain P, Jadhav HR. Targeting the epigenetic reader "BET" as a therapeutic strategy for cancer. *Bioorganic Chemistry*. 2023 Sep 4:106833.
- 88 Wahi A, Nagpal R, Verma S, Narula A, Tonk RK, Kumar S. A comprehensive review on current analytical approaches used for the control of drug abuse in sports. *Microchemical Journal*. 2023 Aug 1; 191:108834.
- 89 Yadav RL, Dev R, Santra R, Jain P. Stability Indicating Method for the Assay of Remogliflozin Etabonate and its Related Substances by RP-HPLC. *Analytical Chemistry Letters*. 2023 Jan 2;13(1):73-81.
- 90 Yadav V, Sharma PC, Sharma K, Kumar D, Tonk RK. Insight into systematic development of ALK (anaplastic lymphoma kinase) inhibitors towards NSCLC treatment. *European Journal of Medicinal Chemistry Reports*. 2024 Mar 2:100142.
- Publications; 20231
2. Nandave M and Kumar A *Pharmacovigilance Essentials; Advances, Challenges and Global Perspectives* Springer Nature
3. Kusuma PK, Bhandari N. and Jyothieswari D. "Pharmaceutical Quality Control and Assurance," South Asian Academic Publication, ISBN 978-93-92153-56-3, 2022.

## Book Chapters

- 1 Aadya P, Bhumi B, Ronit C, Abhishek W, Priti J. Pyrimidine Derivatives: A Crucial Scaffold in Discovery of Anti-Cancer Agents; In: Schneider B, editor. *The chemistry of pyrimidine derivatives*. New York: Nova Science Publishers, Inc.; 2024. ISBN: 9798891136120.
- 2 Amir M, Nandave M, Kumar A. Vaccine safety surveillance. In: Springer Nature Singapore. Singapore; 2024. p. 227-41.
- 3 Bhati V, Nandave M, Kumar A, Pandita D. Databases used in pharmacovigilance across the globe. In: Springer Nature Singapore. Singapore; 2024. p. 55-77.
- 4 Chugh D, Upadhyay J, Dharmi P, Nandave M. Unraveling the enigma of rheumatoid arthritis: exploring etiology, pathophysiology and its treatment. In: Academic Press. Singapore; 2024. p. 75-91.
- 5 Dutta PP, Alam F, Dey BK and Tonk RK. The Role of Chromenes in Drug Discovery and Development. *Miscellany of Chromene*. Bentham Science Publishers, 2023, 245-280.
- 6 Gautam RK, Kamal MA, Mittal P. Computational approaches in drug discovery, development and systems pharmacology. In: Elsevier. 2023.
- 7 Hamid M, Nandave M, Kumar A. Haemovigilance. In: Springer Nature Singapore. Singapore; 2024. p. 289-315.

## Books

1. Mishra AK, Mishra A, Singh H. *Instrumental Methods of Analysis*. Meerut: Gyan

- 8 Jain M, Jain P. An introduction of advance tools for scientific publishing. In: Integrating Science and Technology: A Comprehensive Approach to Innovation. Chennai: Notion Press; 2023. p. 133-155. ISBN: 979-8890661098
- 9 Jain P, Kritika, Himanshi. The versatility of the pyrimidine ring: synthesis, reactions, and advanced applications. In: Schneider B, editor. The chemistry of pyrimidine derivatives. New York: Nova Science Publishers, Inc.; 2024. ISBN: 9798891136120.
- 10 Javid M, Nandave M, Kumar A. History of pharmacovigilance. In: Springer Nature Singapore. Singapore; 2024. p. 19-53.
- 11 Joshi T, Nandave M, Sah A N. Dietary modifications to manage stress. In: Springer Nature Singapore. Singapore; 2024. p. 389-404.
- 12 Kumar P, Nandave M, Kumar A, Nandave D. Herbovigilance. In: Springer Nature Singapore. Singapore; 2024. p. 243-67.
- 13 Mongia P, Amrita M, Sahu K, Yadav K, Joshi R, Kaurav M, MinzS, RajR, and GuptaM. Multifunctional nanocarrier-mediated delivery for targeting and treating skin cancer. In Multifunctional Nanocarrier-Mediated delivery for Targeting. Ed (s) Awesh Yadav, Rahul Shukla. Elsevier.2024
- 14 Pandey D, Nandave M, Kumar A. Pharmacovigilance system in the USA. In: Springer Nature Singapore. Singapore; 2024. p. 183-97.
- 15 Patel M, Jain VK, Popli H, Patel P, Jain K. Quantum dots for bioimaging and sensing application. In: Nanobiotechnology. 1st ed. CRC Press; 2024. p. 300-317. ISBN: 9781003305583
- 16 PraveenK., Andole, S. et al. (2023). Medicinal Plants Against SARS-CoV/Corona Virus Infections: Ethnopharmacology, Chemistry, Clinical, and Preclinical Studies. In: Pal, D. (eds.), Anti-Viral Metabolites from Medicinal Plants. Reference Series in Phytochemistry. Springer, Cham., pp. 1–24, 2023.
- 17 Reang J, Yadav V, Sharma K C, Majeed J, Tonk RK, Sharma PC. Informatics: Tools and Databases in Drug Discovery. CADD and Informatics in Drug Discovery. Springer Nature Singapore, 2023, 53-77.
- 18 Roy S, Nandave M, Kumar A. Processing of ADRs. In: Springer Nature Singapore. Singapore; 2024. p. 79-109.
- 19 S Kaity and Kumar A (2023) Antioxidants in brain injury with or without antibiotics. Vitamins and Minerals in Neurological Disorders. Elsevier Publication
- 20 Sahu M, Nandave M, Kumar A. Pharmacovigilance system in India. In: Springer Nature Singapore. Singapore; 2024. p. 147-62.
- 21 Sharma P, Nandave M, Kumar A. Reporting of ADRs across the globe: India, USA, EU, and non-EU. In: Springer Nature Singapore. Singapore; 2024. p. 127-46.
- 22 Sharma P, Sharma K, Nandave M. Computational approaches in drug discovery and design. In: Academic Press. 2023. p. 53-93.
- 23 Sharma R, Nandave M, Kumar A. Introduction to signal detection in pharmacovigilance. In: Springer Nature Singapore. Singapore; 2024. p. 333-45.
- 24 Shukla D, Nandave M, Kumar A, Siwan D. Pharmacovigilance system in non-EU countries. In: Springer Nature Singapore. Singapore; 2024. p. 199-225.
- 25 Singh R, Nandave M, Kumar A, Pandita D. Aggregate reporting. In: Springer Nature Singapore. Singapore; 2024. p. 111-25.
- 26 Singh S, Nandave M. Cellular stress, survival mechanism and adaptation. In: Springer Nature Singapore. Singapore; 2024. p. 243-62.
- 27 Siwan D, Nandave M, Kumar A. Pharmacovigilance system in EU. In:

- Springer Nature Singapore. Singapore; 2024. p. 163-82.
- 28 Soni M, Nandave M, Kumar A. Materiovigilance. In: Springer Nature Singapore. Singapore; 2024. p. 269-87.
- 29 Soni S, Nandave M, Kumar A. Introduction to pharmacovigilance. In: Springer Nature Singapore. Singapore; 2024. p. Jan-17.
- 30 Thakur AK, Shekhar N, Tyagi S, Rani S. Role of probiotics in brain health. In: Nutraceutical Fruits and Foods for Neurodegenerative Disorders. Eds: Raj K. Keservani, Rajesh K. Kesharwani, Mila Emerald, Anil K. Sharma. Academic Press, 2024, Pages 173-198, ISBN 9780443189517 doi: <https://doi.org/10.1016/B978-0-443-18951-7.00009-8>.
- 31 Tulsawani R, Vohora D. Adaptation under stressful environments through biological adjustments and interventions. In: Springer Nature. Singapore; 2024.
- 32 Upadhyay J, Nandave M, Kumar A. Role of artificial intelligence in pharmacovigilance. In: Springer Nature Singapore. Singapore; 2024. p. 347-63.
- 33 Vinita, Reang J, Yadav V, Sharma KC, Majeed J, Tonk RK, Sharma PC. Virtual Screening in Lead Discovery. CADD and Informatics in Drug Discovery. Springer Nature Singapore, 2023, 123-140.
- 34 Yadav V, Reang J, Vinita, Tonk RK. Artificial Intelligence and Machine Learning in Drug Discovery. CADD and Informatics in Drug Discovery. Springer Nature Singapore, 2023, 205-230.
- 35 Zakir F, Bishnoi M, Aggarwal G. Arabinogalactan latex based drug delivery systems. In: Dureja H, Adams J, Löbenberg R, Andreoli Pinto T d J, Dua K, editors. Natural polymeric materials based drug delivery systems in lung diseases. Singapore: Springer; 2023. p. 183-198.
- 36 Zia A, Nandave M, Kumar A. Pharmacovigilance Essentials: Advances, Challenges and Global Perspectives. 2024. Springer Nature Singapore.

## Patents

1. Erravalli A, Jain P, Saini PK, Thota P. A solvent composition for simultaneous estimation of five antiviral compounds. Application no. 202311054326. Published 12 August 2023; Granted 8 March 2024.
2. Jain S, Aggarwal G, Goyal RK. National patent on a muscle relaxant pharmaceutical composition for combating muscle pain and injuries. Application number 202011018974. Granted 2023.
3. Kusuma PK, Dr. Nagaladinne N, Dr. Kadaiahgari C et al., Fourier Transform Infrared Spectrophotometer for Analysis of Bioactive Components of Medicinal Compounds. Certificate of Registration for a UK Design, Design number: 6351435; Grant date: 15 March 2024; Registration date: 06 March 2024
4. Kumar P, Mangla B, Aggarwal G. Patent on a novel composition of gefitinib for breast cancer and method of preparation thereof. Application number 202311052402. Filed August 2023. (Published)
5. Sharma A, Shukla MK, Tonk RK, Kumar D. Characterization Chamber for Chemistry and Pharmaceutical Sciences, 374120-001. 22/09/2023.
6. Tandey R. Device for Monitoring Efficacy of Herbal Compounds. Design no. 415859-001.

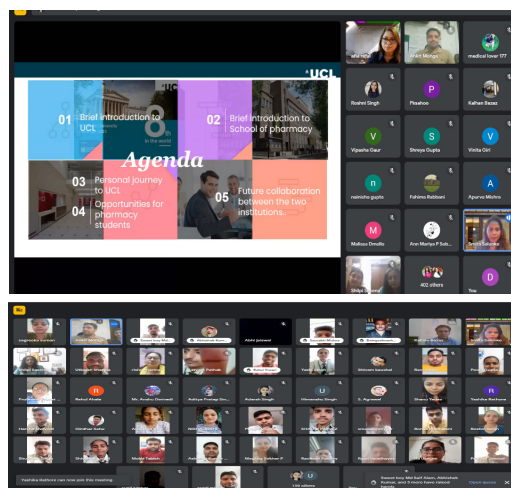
## Academic Activities

### International Webinar on “Opportunities for Pharmacy students at University College London School of Pharmacy and promoting Future Generation of Researchers”

Department of Pharmaceutics, School of Pharmaceutical Sciences, DPSRU, New Delhi, in collaboration with IPA Delhi State Branch and APTI Delhi Chapter, organised an International webinar on June 8, 2023, on the topic “Opportunities for Pharmacy students at University College London School of Pharmacy and promoting Future Generation of Researchers”. University College London School of Pharmacy (UCL) is one of the most prominent colleges for students who wish to study abroad, and is the world leader in the development of future researchers and leaders for the pharmaceutical industry. Dr. Sushama Talegaonkar was the chief coordinator and Ankit Monga, Shilpi Saxena and Roshni Singh, Students of M. Pharm, DPSRU were the student coordinators of the event. The webinar was open to the public and it was a great success as more than 400 participants including undergraduate, postgraduate, research scholars, PhD students and faculty members from all across India were in attendance.

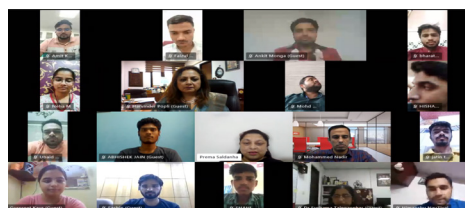
### DPSRU in collaboration with ACG Group, organized a one day Virtual Training Program on “Insight of Oral Dosage Technology of ACG”.

On August 22, 2023, Department of Pharmaceutics, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University, in collaboration with ACG Group, organized a one day Virtual Training Program on “Insight of Oral Dosage Technology of ACG”. ACG is the world’s largest integrated supplier



*Webinar on “Opportunities for Pharmacy students at University College London School of Pharmacy and promoting Future Generation of Researchers”*

of solid dosage products and services. The program saw the keynote addresses by various eminent speakers and invited dignitaries, who delivered carefully calibrated information and insights on oral dosage technology. Dr. Sushama Talegaonkar and Ms Prema Saldanha were the chief coordinators from DPSRU and ACG respectively. The Student Coordinators for the event were Ankit Monga, Shubham and Manvi Ambastha, who managed the entire event. A total 78 M. Pharm and B. Pharm students attended the event from 10 AM to 5 PM. A total of 9 insightful sessions were conducted by ACG team with special Q/A session by Dr Parizad Elchidana, Principal Technical Consultant.



*One day Virtual Training Program on “Insight of Oral Dosage Technology of ACG”*

### HPLC Hands on Training Program at Department of Pharmaceutics, SPS, DPSRU

The “Hands on Training” program on Automated High Performance Liquid Chromatography (HPLC) was organized by Department of

Pharmaceutics, SPS, DPSRU, on December 14, 2023, at the DPSRU campus from 11:00 am onwards. The event was aimed to enhance the knowledge and skills of participants in the field of HPLC and it's uses with a focus on principles, usage and effective management of HPLC. The event was coordinated Dr. Sushama Talegaonkar. The trainer Mr Mukul Gaur, has conducted the training session on HPLC and demonstration of the instrument and process of doing HPLC. Our Eminent Trainer delivered a comprehensive session, sharing the best of his knowledge, including basics about chromatography and then detailing about the uses and application of HPLC.

### Industrial Visit to Colorcon Asia, Noida

On May 10<sup>th</sup> 2024, M.Pharm Industrial

Pharmacy students of the First and Second year, of Delhi Pharmaceutical Sciences and Research University, embarked on an enlightening industrial visit to Colorcon Asia Pvt. Ltd., a distinguished pharmaceutical solutions provider. The visit served as a vital component of academic curriculum, as it offered great insights into the practical application of theoretical concepts learned in the classroom with a real-world industrial setting. The primary objective of the visit to Colorcon was to gain comprehensive insights into the company's operations and technologies, with a specific focus on understanding the practical implementation of theoretical concepts relevant to industrial knowledge and academic studies.



*Industrial Visit to Colorcon Asia, Noida*

### World Pharmacist Day 2023



With great zeal and fervour, Delhi Pharmaceutical Sciences and Research University celebrated World Pharmacist Day

in association with IPA, Delhi branch and APTI, Delhi chapter on 25th September 2023 in the G.K. Narayan Auditorium. The theme for the year was "Pharmacy strengthening health systems" And under the same, various riveting events like E Poster making competition and



*World Pharmacist Day 2023*

E Slogan competition were organised to provide the budding health care professionals a platform to showcase their skills and creativity. With over 150 submissions from various pharmacy colleges in India have been received. The Chief Guest for the event was Mr R.P. Arora, Director Wings Pharmaceuticals Pvt Ltd. Prof P K Sahoo, President APTI and Mr. Kalhan Bazaz, President of IPA, Delhi Branch were also present and graced the occasion. The event was coordinated Dr. Sushama Talegaonkar and Dr. Anshul.

The opening remarks were delivered by Dr. Sushama Talegaonkar. Attendees also had the delight to hear an enthralling address by Prof. Harvinder Popli, Registrar SPS followed by an illuminating speech by Prof P.K. Sahoo, APTI. Prof. Ajay Sharma, Director SPS followed by Prof. Rajiv K. Tonk, Dean Student Welfare

delivered an interactive address engaging the audience. Mr. Kalhan Bazaz, President IPA Delhi interacted with the students. The attendees were enlightened by the words of wisdom by the honourable Vice-Chancellor Prof. Ramesh K. Goyal. The Chief Guest Mr R.P. Arora, Director Wings Pharmaceuticals shared his journey as an alumni of DPSRU and founder of Wings Pharmaceuticals. Ms Ankita , HR, Wings Pharmaceuticals Pvt Ltd was also present on this occasion and interacted with students regarding the job opportunities.

The program was concluded with felicitation of faculty coordinators and student coordinators by the dignitaries followed by a vote of thanks.

All in all, World Pharmacist Day Celebration at DPSRU was an amalgamation of education and creativity, and ended on a positive note.

## 62<sup>nd</sup> National Pharmacy Week Celebration on November 20-24, 2023

Delhi Pharmaceutical Sciences and Research University (DPSRU) celebrated National Pharmacy Week, demonstrating the university's commitment to fostering a comprehensive understanding of the pharmaceutical profession and its pivotal role in ensuring patient safety. The collaborative efforts of DPSRU, the Indian Pharmaceutical Association (IPA) Delhi State Branch, and the Association of Pharmaceutical Teachers of India (APTI), along with the co-organization by IPA Student Forum, Delhi State Chapter, created a platform for students to engage in a plethora of activities and competitions. The celebration, held from the 20th to the 24th of November 2023, revolved around the central theme, 'Join Pharmacists to Ensure Patient Safety.'

The chief guest for the ceremony was Dr. Rajiv Chhibber, Vice President, Sahajanand Medical Technologies, bringing invaluable insights from the industry. The Guest of Honor was



*Dr. Rajiv Chhibber, Vice President & Mr. Kalhan Bazaz,  
President of the IPA- Delhi*

Mr. Kalhan Bazaz, President of the IPA- Delhi State Branch, who added an organizational perspective to the event. Their presence added prestige and depth to the ceremony. He emphasis on inclusivity was evident in the widespread participation, with over 200+ registrations pouring in from pharmacy students representing different colleges. The pre-event buzz generated a palpable sense of anticipation, creating an atmosphere ripe for collaboration, knowledge sharing, and friendly competition. The certificate and prize distribution segment were a highlight of the ceremony, where the winners were commemorated with certificates and trophies.

Dr. Sushama Talegaonkar, Associate Professor, SPS, overall Coordinator of National Pharmacy Week, delivered a heartfelt address, sharing her thoughts on the significance of the celebration and expressing gratitude to all involved. The faculty co-coordinators, Dr. Anshul and Dr. Pooja M. Raj, along with the



*Pharma rally organized by DPSRU*

student coordinators, Ms. Gurpreet Kaur and Mr. Asees Singh, played crucial roles in organizing and coordinating the entire week of celebrations.

The Pharma-Rally was organised on 20th November 2023 at 12:30 PM. The assembly point was the Flag Post in the University Premises. Over 100 students joined the rally, holding banners and placards. The slogans chanted during the rally were related to the theme - "Safe and sound, with pharma around," "Safe and effective, pharma is perfected," "Safety first, safety always."

The Pharma Quiz, held on the 20th of November 2023, emerged as a cornerstone of the National Pharmacy Week Celebration. The quiz, designed to be an inter-college competition, provided a platform for students pursuing diploma, bachelor's, and master's programs in pharmacy to showcase their understanding of the field. The organizing committee, led by esteemed faculty members, including Dr. Minakshi Garg, Dr. Priti Jain, Dr. Amanpreet Kaur, Dr. Sumit Sharma, and Dr. Bharti Mangla, played pivotal roles in crafting comprehensive questions that tested the contestant's depth of pharmaceutical knowledge.

The Extempore Competition, held on the 21st of November, 2023, unfolded as a testament

to the spontaneous speaking skills and diverse talents of pharmacy students at DPSRU. The competition covered thought-provoking topics that were carefully chosen to align with the theme of patient safety. Participants delved into discussions about how patient behaviour influences their treatment and the impact of Artificial Intelligence on patient safety. This diversity in topics allowed the participants to showcase not only their communication skills but also their comprehensive understanding of various facets of the pharmaceutical field.

A panel of experienced judges, including Dr. Amrita Parle and Dr. Sumit Sharma, meticulously evaluated the participants. The judging criteria were comprehensive, covering aspects such as content, clarity of thought, logical organization, effective use of language, and presentation skills, all within the constraints of time pressure.

The Rangoli competition, held on the 23rd of November, 2023, marked a vibrant and creative celebration as part of National Pharmacy Week. The venue, DPSRU Auditorium, served as a canvas for artistic expressions, as participants brought the theme, 'Join Pharmacists to Ensure Patient Safety,' to life through vibrant Rangoli designs.

Thirteen teams, each representing a unique blend of creativity and talent, enthusiastically participated in the competition. The event was efficiently coordinated by faculty members Dr. Foziyah, Dr. Roshni Tandey, Dr. Rajni Mathur, and student coordinators Rasneek Kaur and Gursheen Kaur. Their efforts were crucial in creating a positive and organized environment for both participants and attendees. Two judges, Dr. Amrita Mishra and Dr. Himangini, with expertise in both art and pharmaceutical sciences, evaluated the Rangoli designs based on creativity, adherence to the theme, and overall presentation. The winners of the poster and slogan competitions, which were held on the occasion of "World Pharmacist Day" were also felicitated with trophies and certificates by IPA, DSB.

## Research and Lab Facilities available at DIPSAR and SPS

### Department of Pharmaceutics

- The Department of Pharmaceutics has four M. Pharm specializations viz., Pharmaceutics, Industrial Pharmacy, Cosmeceutics, and Drug Regulatory Affairs.
- The relatively new branches like Cosmeceutics, Industrial Pharmacy, and Drug Regulatory Affairs are designed to prepare the students for a career in the pharmaceutical and cosmetic industries, clinical research organizations, and regulatory agencies. The department is well equipped with state-of-the-art laboratories, modern facilities like Novel Drug Delivery Systems (NDDS) Laboratory.

The focused research areas of the department are drug delivery, Vesicular/particulate drug delivery, and targeted drug delivery systems along with the formulation of various conventional dosage forms. The department is equipped with the latest instruments like:

- 3D printer
- Autoclave
- Backman coulter counter
- Ball Mill
- Binocular Microscope with camera
- Biosafety Cabinet Class-II
- BOD Incubator
- Shaker
- Bulk Density Apparatus
- Capsule filling machine
- Clarity test Apparatus
- Calorimeter
- Centrifuge
- Coating and polishing machine
- Conical Percolator
- Deep Freezer (-80 degree)
- Digital pH meter
- Disintegration Apparatus
- Dissolution Apparatus
- Humidity Chamber
- Environmental Chamber
- Fermenter
- Flame Photometer
- Friabilator
- HPLC
- Humidity Chamber
- High precision balance
- High pressure homogenizer
- Hot air oven
- Homogenizer
- Laminar air flow
- Lyophilizer
- MalvenZetasizer
- Microfluidizer
- Moisture balance
- Monsanto Hardness tester
- Non-contact Tonometer
- Pfizer Tablet Hardness Tester
- Probe Sonicator
- PSS particle size analyzer
- Rheometer
- Rotary Tablet Punching Machine
- Rotary vacuum evaporator
- Shaking water bath
- Stability chamber
- Turbidity meter

- Ultracentrifuge
- Ultrasonicator
- UV – Visible Spectrophotometer
- Vacuum oven
- Vortex Mixer

### Department of Pharmacology

The Department of Pharmacology has four specializations in M. Pharm. viz., Pharmacology, Hospital Pharmacy, Clinical Research, and Pharmaceutical Biotechnology. The Department of Pharmacology has a well-defined infrastructure for all the M. Pharm. related courses and for the B. Pharm. The main research areas include cardiovascular disorders and metabolic syndrome, diabetes and its complications, neuropharmacology and psychopharmacology, ocular therapeutics, and cancer. Other core competencies of the department include drug discovery related to inflammatory diseases, multiple sclerosis, and psoriasis.

The laboratories are having facilities for pharmacology simulation experimentations. CCSEA approved Animal House of University having Rats, Mice, and Rabbits are used after approval of protocols by IAEC for Postgraduates/Ph.D. Research works for In-vivo Animal Models, Pharmacology & Toxicology and Screening of Drugs. The department has established important molecular pharmacology techniques like RTPCR, SDS-PAGE, gel electrophoresis and imaging system, western blot, and the technique for isolation of hepatocytes from mice for primary cell culture.

The technique for measuring trans-epithelial electric current to conduct transporter studies and techniques such as recording the electrical activity of the heart (electrocardiography) in the anesthetized rats, documenting diabetic

retinopathy using fundus camera are being routinely undertaken. The highlights of the instruments in the department are

- Autoclave
- Binocular Microscope with Camera
- Condon's Rat Manometer
- Deep Freezer
- Digital Actophotometer
- Digital Plethysmometer
- Digital Tele-thermometer
- Drug Analyzer
- Electroconvulsimeter
- Fundus Camera
- Hot Plate Analgesiometer
- HPLC
- Langendorff Heart Assembly
- Lyophilizer
- Multimode Microplate ELISA Reader
- Rotarod Apparatus
- Semi Auto analyzer
- Short Wave Diathermy
- Tail Flick Analgesiometer
- UV Visible Spectrophotometer
- Vortex Mixture/Shaker
- Western blotting Apparatus
- Thermal Cyclor
- Smart 3.0 Animal Behaviour System
- Gel-Doc Go
- Y Maze
- EPM
- Radial Maze
- Light and Dark Apparatus
- FST and TST Apparatus

## Department of Pharmaceutical Chemistry

The Pharmaceutical Chemistry department has three specializations in M. Pharm. viz. Pharmaceutical Chemistry, Pharmaceutical Analysis, and Quality Assurance and is actively involved in designing and synthesizing new drug derivatives as well as evaluation of marketed pharmaceuticals and phytopharmaceuticals. The focused research areas involve synthesis, characterization, and screening of new chemical entities for anti-Alzheimer, anticancer, analgesic, anti-inflammatory, anticonvulsant, antimicrobial, and antioxidant activities. Faculty members are actively engaged in research and they publish their work in national and international reputed peer-reviewed journals. The M. Pharm Pharmaceutical Analysis course is designed to provide industry-ready professionals for the analysis and quality control of pharmaceuticals with the appropriate knowledge base, skill set, and practical expertise. Emphasis is also given for the demonstration, calibration, and validation of various analytical instruments as well as the development and validation of the assay method for new drugs and formulations.

In addition, the department has initiated computer-aided drug design including molecular docking and 3D QSAR techniques candidates. The department offers a wide variety of job opportunities to students in academics, pharmaceutical companies, medical device companies, government agencies, and research laboratories. The department is equipped with sophisticated instruments like:

- Attenuated Total Reflector (ATR)
- Carbon, Hydrogen, Nitrogen Analyser
- Conductivity meter

- Digital Colorimeter
- Digital Hot Air Oven
- Digital Ice Maker
- Digital melting point apparatus
- Digital pH meter
- Double distillation Unit
- Flame Photometer
- High Precision Balances
- HPLC
- Micro Centrifuge
- Microwave Synthesizer
- Nephelo-turbidity meter
- Parallel Synthesizer
- Potentiometer
- Refractometer
- Rotary Evaporator
- Rotary flask shaker
- Supercritical Fluid Extraction (SFE) unit
- Thermo Scientific Flash 2000 analyser
- UV-Visible Spectrophotometer
- Vacuum Pump

## Department of Pharmacognosy and Phytochemistry

Pharmacognosy subject is one of the core branches in the pharmacy curriculum and the Department of Pharmacognosy and phytochemistry is involved in the study and research of various medicinal constituents of plants. The niche areas include identification of plant drugs, extraction, separation, purification, identification, phytochemistry, and structural elucidation of pure compounds from medicinal plants. It also encompasses plant tissue culture, standardization of herbal

drugs, estimation of analytical/bioactive marker, and validation studies. The department has the following facilities.

- Analytical balance
- Autoclave
- BOD Incubator
- Hot air oven
- Laminar airflow
- Micro Centrifuge
- Moisture balance
- Muffle Furnace
- Projection microscope
- Rotary shaker
- Rotary vacuum evaporator
- Soxhlet apparatus
- Student microscope
- Trinocular Microscope
- UV-Detection Chamber
- UV-Visible Spectrophotometer
- Vacuum oven

### **Department of B. Pharm (Ayurveda)**

The department offers a four-year degree program in B. Pharm (Ayurveda). The program is an integration of Ayurveda and Pharmacy.

It is a job-oriented course that will provide technical expertise and acquaint the students with the knowledge and skill for manufacturing and developing ayurvedic products including drugs, nutraceuticals, and cosmeceuticals. DPSRU is the only university in Delhi to start this pharmacy degree program specializing in Ayurveda. With the rapid growth in the Ayurvedic industry, in the coming years, a shortage of Ayurvedic drug manufacturers and pharmacists is expected and hence, this program is designed to cater to the needs of the National and International pharmaceutical and healthcare industry. The department has the following facilities:

- Electronic weighing balance
- Hot air oven
- Heating plat
- Refrigerated centrifuge machine
- Microtome section cutting apparatus
- Dissolution testing apparatus
- Heating mantle
- Vortex mixture
- UV Sterilizer chamber
- Muffle furnac

The department also has a state-of-the-art Ayurveda museum showcasing crude drugs, mineral drugs, ratna and upratna, and Ayurvedicequipment's.

# School of Physiotherapy

Established in 2015, under the umbrella of DPSRU the School of Physiotherapy has evolved to tackle the challenges of modern medical education. With state-of-the-art facilities, including well-equipped physiotherapy laboratories, the school aims to develop professionals with high-caliber skills and strong values of entrepreneurship, ethics, and social responsibility.

The school offers Bachelor's of Physiotherapy and specialized postgraduate programs such as MPT in Sports Medicine, Cardiovascular and Pulmonary, and Pediatrics. These programs employ innovative teaching methods, aiming to integrate education, research, and real-world practices. Students are provided with hands-on learning opportunities in the well-equipped outpatient department of physiotherapy, guided by experienced faculty members.

The school's outpatient department caters to various musculoskeletal and neurological conditions, providing practical experience to students in treating patients. A dedicated Pediatric Physiotherapy unit has been set up to enhance the motor and sensory skills of differently-abled children. With a focus on excellence, innovation, and holistic development, the School of Physiotherapy at DPSRU continues to grow as a center of distinction in the field of physiotherapy education and practice.

The school features well-equipped labs, including Anatomy, Physiology, Exercise Therapy, Electrotherapy, Sports, Neurology, and Biomechanics labs. The Cardio-Pulmonary Physiotherapy and Simulation Laboratory is equipped with diagnostic and supportive equipment for teaching and research, including CPR training with a specialized Mannikin.

The school stands out with its sports performance assessment and injury management capabilities, complemented by a recovery room. Students gain hands-on experience through on-field training and interactions with sports personalities. Continuous exposure to football and cricket leagues enhance their practical understanding. The school is very particular in providing hospital clinical training to acquaint the students to deal with different patient exposure and their handling to give them a quality and independent life.

## Faculty

Dr. Richa H Rai	Professor
Dr. Sheetal Kalra	Associate Professor
Dr. Shilpa Jain	Associate Professor
Dr. Parul Sharma (P.T.)	Assistant Professor
Dr. Sapna Dhiman (P.T.)	Assistant Professor
Dr. Neha Kumari (P.T.)	Assistant Professor
Dr. Tabussum Saher (P.T.)	Assistant Professor
Dr. Ravinder Kumar	Assistant Professor
Dr. Savita Tamaria (P.T.)	Assistant Professor
Dr. Jitender Munjal (P.T.)*	Assistant Professor
Dr. Varsha Chorsiya	Assistant Professor

## Part Time/ Visiting Faculty

Dr. Anil Sabharwal
Dr. HershaVij
Dr. Madhurima Roy
Dr. Poonam Dimri
Dr. Hemlata
Dr. Kopal
Sh. C.P Ray (Acharya)
Dr. Raveena

## Research Profile of Faculty

Department of Physiotherapy	
<p><b>Prof. Richa Hirendra Rai</b></p> <p><b>Research Area of Faculty -</b></p> <ul style="list-style-type: none"> <li>▪ ICU care,</li> <li>▪ Preventive Cardiology and Rehabilitation along with Conception and Implementation of Respiratory care,</li> <li>▪ application of Diverse Clinical Physiotherapy skills and</li> <li>▪ Exercise Protocol in Community Health Care</li> </ul> <p><b>H-index - 6</b> <b>Total Citations – 141</b></p>	
<p><b>Dr. Sheetal Kalra</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Health and Fitness, Sports Injury Prevention</li> <li>▪ Sports Rehabilitation</li> <li>▪ Women Health</li> </ul> <p><b>H-index - 11</b> <b>Total Citations - 378</b></p>	
<p><b>Dr. Shilpa Jain</b></p> <p><b>Research Area of Faculty –</b> Sports Health, Injury Prevention and Management, Pain Management, Young and special adolescents in Sports.</p>	
<p><b>Dr. Parul Sharma</b></p> <p><b>Research Area of Faculty –</b> Neurological Rehabilitation, Interdisciplinary treatment for pain management</p> <p><b>H-index - 2</b> <b>Total Citations - 8</b></p>	
<p><b>Dr. Sapna Dhiman</b></p> <p><b>Research Area of Faculty-</b></p> <ul style="list-style-type: none"> <li>▪ Motor Control and Motor Learning for Paediatric group (Cerebral Palsy, Autism Spectrum Disorders, Developmental disorders etc.) with specific reference to Posture, Balance, Trunk control and activities of daily living.</li> <li>▪ Evaluate abnormal blocks to development of the children with special needs and emphasize on normal development.</li> <li>▪ Evaluate caregiver burden of children with special needs and design strategies for the same.</li> </ul> <p><b>H-index - 4</b> <b>Total Citations – 320</b></p>	

<p><b>Dr. Neha Kumari</b></p> <p><b>Research Area of Faculty-</b></p> <ul style="list-style-type: none"> <li>▪ Effect of rehabilitation on gynaecological issues,</li> <li>▪ Effect of physiotherapeutic Interventions on musculoskeletal issues</li> <li>▪ Effect of rehabilitation protocols on Hamstring muscles.</li> </ul> <p><b>H-index - 1</b> <b>Total Citations – 1</b></p>	
<p><b>Dr. Tabassum Saher</b></p> <p><b>Research Area of Faculty-</b></p> <ul style="list-style-type: none"> <li>▪ Pumonary rehabilitation, cardiopulmonary rehabilitation, effect of physiotherapy</li> <li>▪ Rehabilitation on respiratory muscles.</li> </ul> <p><b>H-index - 2</b> <b>Total Citations – 16</b></p>	
<p><b>Dr. Jitender Munjal</b></p> <p><b>Research Area of Faculty-</b> Physiotherapy, Sports Physiotherapy, Sports Medicine, Neuro Physiotherapy, Sports, Telephysiotherapy.</p> <p><b>H-index - 5</b> <b>Total Citations – 205</b></p>	
<p><b>Dr. Savita Tamaría</b></p> <p><b>Research Area of Faculty-</b> Knee OA, SI JOINT, Orthopedic Physiotherapy</p> <p><b>H-index - 3</b> <b>Total Citations – 18</b></p>	
<p><b>Dr. Ravinder Kumar</b></p> <p><b>Research Area of Faculty-</b> Ergonomics, Spinal Manual Therapy, Professional Ethics, Legal As Pacts of Legislative Professional Councils, Educational Psychology.</p> <p><b>H-index - 1</b> <b>Total Citations – 3</b></p>	
<p><b>Dr. Varsha Chorsiya</b></p> <p><b>Research Area of Faculty-</b> Occupational Health &amp; Safety, Human Factors and Ergonomics, Human Postural Control, Geriatric Health, Women and Neuro Rehabilitation</p>	

## Faculty Achievements

### Dr. Richa Hirendra Rai

**23/12/2023**

Title of Award - Significant Contribution in Physical Therapy

Awarding Institution - 9th International Conference of Physical Therapy-AIIMS 2023

### Dr. Sheetal Kalra

**18/2/2024**

Title of Award - Significant Contribution Award-Research

Awarding Institution - CK Birla Hospital

### Dr. Sapna Dhiman (PT)

26/11/2023

Title of Award – Best Academician Appreciation

Awarding Institution – 2nd International Osteopathy & Manual Therapy Conference

## Faculty as Resource Person

### Dr. Richa Hirendra Rai

**26/6/2023**

Topic - FDP on Trends in Research and Scientific Writing

Role - Participant

Organized by – ISIC

**23/12/2023**

Topic - 9th International Conference of Physical Therapy-AIIMS 2023

Role – Chairperson, Resource Person

Organized by - AIIMS, New Delhi, G20, NPTE, Galgotias, Deptt of Biotechnology (Ministry of Science and Technology)

**19/2/2024**

Topic - FDP on Orientation and Sensitization Program on NEP 2020

Role - Presenter

Organized by - UGC and Malaviya Mission Teacher Training Centre

### Dr. Sheetal Kalra

**29/9/2023**

Topic - 20th Annual Conference of Indian Academy of Geriatrics

Role - Presenter

Organized by - Geriatric Medicine Department, AIIMS

**24/12/2023**

Topic - International Conference of Physical Therapy Award AIIMS, New Delhi

Role - Chairperson/Resource Person

Organized by - AIIMS

**12/5/2024**

Topic - Faridabad Physiocon

Role - Chairperson/Resource Person

Organized by - Amrita Hospital

### Dr. Sapna Dhiman (PT)

**31/03/2024**

Topic - How to identify and manage sensory issues in CP

Role - Speaker

Organized by - BLK-Max center for Child Health & Development in association with Indian Academy of Pediatrics.

**27/03/2024**

Topic - Identification of Sensory Issues in Children diagnosed with Cerebral Palsy

Role - Resource Person

Organized by - Reborn Physiotherapy and Neuro Rehab Center

**15/03/2024**

Topic - Identification and Management of Sensory Issues in Children with Cerebral Palsy

Role - Resource Person

Organized by - Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disabilities (CRC)- Lucknow

## Publications

- 1 Aarti, Rai R. H, Hirendra K, Kalra S. Awareness towards physiotherapy among general public in rural areas. *Indian J Physiother Rehabil Sci.* 2023;2(1):21–26.
- 2 ABOUD S, NARTIGAH D, GUJRAL T, RAI RH. Effect of Single Bout of Exercise with Blood Flow Restriction Training on Muscle Girth and Cardiovascular response: A Pretest, Post-test Quasi- experimental Study. *Journal of Clinical & Diagnostic Research.* 2024 Jun 1;18(6).
- 3 Alam S, Kalra S, Rai R, Raghav D. Frequency and associated factors of physical activity and sleep with depression in college going students. *Journal of the Dow University of Health Sciences (JDUHS).* 2023 Feb 20;17(1):17-24.
- 4 Bano, S, Sharma, P., Chhabra, C. and Kaur, H. (2023) 'Potential predictor of pulmonary health in collegiate staff: a correlational study', *Advances in Bioresearch*, vol.14, no. 6, pp.425-429.
- 5 Chhikara A, Jain M, Vats S, Kashoo FZ, Chahal A, Guliya S, Vajrala KR, Sidiq M, Rai RH. Role of Yoga in Minimizing Stress and Anxiety in Women Experiencing Dysmenorrhea. *Journal of Lifestyle Medicine.* 2023 Aug 8;13(2):90.
- 6 Dayal A, Kalra S\*, Mohapatra SC, Rai RH, Parveen A. Quality of Sleep, Life Quality, and Related Factors in the Middle-Aged and Elderly Population of South Delhi: A Cross-Sectional Survey. *Journal of Society of Indian Physiotherapists.* 2023 Jul 1;7(2):122-8.
- 7 Dhiman S, Goyal RK, Mahesan A, Ajmera P, Ganesh GS, Gulati S. Prevalence of sensory processing deficits in children with spastic cerebral palsy-an Indian caregiver's perspective. *Indian journal of pediatrics.* 2024 Mar 27:1-4.
- 8 Khandelwal M, Kalra S\*, Ajmera P, Hirendra Rai R. Effect of Cupping Therapy On Pain, Cardiorespiratory Parameters, And Lung Function In Patients With Fibromyalgia Syndrome. *Journal of Musculoskeletal Research.* 2024 Jun 13:2450007.
- 9 Kumari A, Kalra S\*, Pawaria S, Parveen A. Effectiveness of Resistance Training using TheraBand on Pain, Neck Disability and Quality of life in Desk Job Workers with Chronic Neck Pain. *Indian Journal of Physiotherapy and Rehabilitation Science.* 2024;3(2):84-93
- 10 Kundra S, Jha N, Dhiman S\*. Association of ergonomics and musculoskeletal disorders among school teachers. *International Journal of Science and Research Archive.* 2024;11(1):1598-604.
- 12 Mehta S, Chahal A, Malik S, Rai RH, Malhotra N, Vajrala KR, et al. Understanding Female and Male Insights in Psychology: Who Thinks What? *J Lifestyle Med* 2024; 14:1–5.
- 11 Mehta S, Chahal A, Malik S, Rai RH, Malhotra N, Vajrala KR, Sidiq M, Sharma A, Sharma N, Kashoo FZ. Evading Musculoskeletal Conditions Using Qigong as a Rescue Technique. *Journal of Lifestyle Medicine.* 2024 Feb 2;14(1):6.
- 13 Mehta V, Ajmera P, Kalra S, Miraj M, Gallani R, Shaik RA, Serhan HA, Sah R. Human resource shortage in India's health sector: a scoping review of the current landscape. *BMC Public Health.* 2024 May 21;24(1):1368.
- 14 Miraj M, Gupta A, Kalra S, Khanna A, Ajmera P. Biomechanical and Postural Evaluation of Optimal Bike Fit for non-Traumatic Injury Prevention Among Cyclists: A Narrative Review. *Journal of Musculoskeletal Research.* 2024 Jun 14.
- 15 Mittal P, Bhadania M, Tondak N, Ajmera P, Yadav S, Kukreti A, Kalra S, Ajmera P. Effect of immersive virtual reality-based training on cognitive, social, and emotional skills in children and adolescents with autism spectrum disorder: A meta-analysis of

- randomized controlled trials. *Research in Developmental Disabilities*. 2024 Aug 1; 151:104771.
- 16 Mittal P, Kalra S, Dadhich A, Ajmera P. Empowering children for better health with child-to-child approach: a systematic literature review. *Health Education*. 2024 May 7.
  - 17 Pawaria S, Kalra S, Saini M, Ajmera P, Saini A, Rai R, Pal S. Effects of Physical Exercise on Inflammatory Biomarkers in patients with Chronic Kidney Disease: A Meta-Analysis. *Journal of the Dow University of Health Sciences (JDUHS)*. 2023 Nov 22;17(3).
  - 18 Rai RH, Singh RB, Mehta V, Sakshi, Asif M, Goyal K, Balodhi A, Manglik P, Sharma A, Chahal A. Impact of exercise training duration on obesity and cardiometabolic biomarkers: a systematic review. *Journal of Diabetes & Metabolic Disorders*. 2023 Jun;22(1):155-74.
  - 19 Sawant KU, Rai RH, Kalra S, Sharma A, Chahal A, Sharma N. Combined Effects of Breathing Exercise and Core Strength Training on Fatigue, Abdominal Strength, and Cardiovascular Fitness among Subjects with Mechanical Nonspecific Lumbago Using Tele-physiotherapy: A Randomized Clinical Trial. *Journal of Datta Meghe Institute of Medical Sciences University*. 2024 Apr 1;19(2):247-56.
  - 20 Sharma G, Rai RH\*, Kumari N. Relationship between functional capacity, fatiguability, anxiety level, static and dynamic balance in young adult females during follicular and luteal phase of menstrual cycle: *Medical Journal of Dr. D.Y. Patil Vidyapeeth*: Accepted for Publication 2023-24
  - 21 Sharma N, Chahal A, Balasubramanian K, Sanjeevi RR, Rai RH, Bansal N, Muthukrishnan R, Sharma A. Effects of resistance training on muscular strength, endurance, body composition and functional performance among sarcopenic patients: a systematic review. *Journal of Diabetes & Metabolic Disorders*. 2023 Dec;22(2):1053-71.
  - 22 Sharma S, Kalra S, Rai RH, Parveen A, Raghav D, Naswa R. Effect of Aerobic Exercise on Sleep, Depression, and Quality of Life in Postmenopausal Women. *Journal of Cardiac Critical Care TSS*. 2024 Apr 15;8(2):95-100.
  - 23 Sharma, P, Tonk, R.K. and Malik, M. (2023) 'Knee osteoarthritis: pharmacological & therapeutic management', *Bulletin of Environment, Pharmacology and Life Sciences*, vol.12, no. 5, pp. 349-357.
  - 24 Sidiq M, Chahal A, Bansal N, Rai, RH\* et al. Effect of blood flow restriction training on pressure pain threshold and hand function among adults with persistent neck pain: A study protocol for a randomized controlled trial [version 2; peer review: 1 approved, 2 approved with reservations]. *F1000Research* 2024, 12:1076.
  - 25 Sidiq M, Chahal A, Janakiraman B, Kashoo F, Kedia SK, Kashyap N, Rai RH, Vyas N, Veeragoudhman TS, Vajrala KR, Yadav M. Effect of dynamic taping on neck pain, disability, and quality of life in patients with chronic non-specific neck pain: a randomized sham-control trial. *PeerJ*. 2024 Jan 26;12:e16799.
  - 26 Sidiq M, Muzaffar T, Janakiraman B, Masoodi S, Vasanthi RK, Ramachandran A, Bansal N, Chahal A, Kashoo FZ, Sharma A, Rai RH. Effectiveness of pain education on pain, disability, quality of life and self-efficacy in chronic low back pain: A randomized controlled trial. *medRxiv*. 2023:2023-10.
  - 27 Tanwar N, Kalra S\*, Rai RH, Parveen A. A Cross-Sectional Study on Prevalence of Metabolic Syndrome and Its Predominant Components among Pre and Post-Menopausal Women in South Delhi. *Indian Journal of Physiotherapy and Rehabilitative Science*. 2024;3(1):19-26
  - 28 Tyagi M, Pal S, Yadav J, Kalra S. Effectiveness of Eight-Week Variable

Resistance Training on Ball Release Speed, Jump Height, Speed of Upper Limb Performance, and Accuracy in Young Collegiate Basketball Players. *Medical Journal of Dr. DY Patil University*. 2024 Jul 1;17(4):722-9.

- 29 Zutshi, K., Munjal, J., and Chhabra, C., Goals of Physiotherapy Practice and Education Aligned with Goals of Sustainable Development.

## Books

1. Goyal RK, Patel B, Jain S. *Practical in Physiology for Physiotherapy*. B. S. Shah Prakashan. 978-93-94444-06-5. 2023
2. Rai RH. *Workbook Viva Voce Essentials in Respiratory Physiotherapy*. 2024.

## Book Chapters

- 1 Ajmani P, Sharma V, Rai RH, Kalra S. Machine learning and deep learning techniques for breast cancer detection using ultrasound imaging. In: *Computational intelligence and modeling techniques for disease detection in mammogram images*. Elsevier Academic Press; 2024. p. 235-258.
- 2 Bano S, Jain S, Audhkhasi D, Khan H. Palliative care: an insight on evidence-based role of physiotherapy in managing terminal illness. In: *Recent Advances in Physiotherapy*. Kavya Publications; 2023. p. 329-44.
- 3 Bhatia K, Sharma P, Chhabra C, Sharma S & Kaur H, Innovative physiotherapy interventions for neurological conditions: from neurons to movement. In: *Recent trends in multidisciplinary research*. Red'shine Publication; 2023.p.19-45
- 4 Chorsiya V, Munjal J, Tamaria S, (2023). "Artificial Intelligence (AI) in Physical Therapy". *Recent Advances in Physiotherapy*. Kavya Publishers, ISBN 978-93-90229-87-1, Page no 15-31.
- 5 Chhabra C, Kaur H, Jain S, Anwar A. Evidence based physiotherapy

management in multiple sclerosis. In: *Recent Advances in Physiotherapy*. Vol II. Red Shine Publishers; 2024. p. 209-17.

- 6 Chhabra C, Khan SA, Kaur H, Jain S, Kusum. Visualizing recovery: the intersection of physiotherapy, mental imagery, and mental health. In: *Psychology in the Digital Era: Navigating the Intersection of Minds and Machines*. Red Shine Publishers; 2024. p. 165-76.
- 7 Jain S, Uchit D. Repetitive strain injury. In: *Recent Advances in Physiotherapy*. Vol II. Red Shine Publishers; 2024. p. 83-96. Top of Form Bottom of Form
- 8 Rai RH, Singh RB. Physical training in heart failure. In: *Pathophysiology, risk factors, and management of chronic heart failure*. Elsevier Academic Press; 2024. p. 267-278.
- 9 Saifi A, Jain S. A new horizon of advancement in osteoarthritis. In: *Recent Advances in Physiotherapy*. Kavya Publications; 2023. p. 114-22.
- 10 Sharma P, Sharma S, Goyal M, Goyal K, Panwar D. Decision Support Framework for Parkinson's Disease Using Novel Handwriting Markers. In: *Advances in Medical Technologies and Clinical Practice (AMTCP)*. IGI Global book series; 2024.p.93-107
- 11 Sharma S, Gusain U, Goyal K, Goyal M, Sharma P. Selection of Gait Parameters for Differential Diagnostics of Patients with De Novo Parkinson's Disease. In: *Advances in Medical Technologies and Clinical Practice (AMTCP)*. IGI Global book series; 2024. p. 276-287
- 12 Sharma S, Gupta M, Goyal K, Goyal M, Sharma P. Identifying Parkinson's Patients by a Functional Gradient Boosting Approach, In: *Advances in Medical Technologies and Clinical Practice (AMTCP)*. IGI Global book series; 2024.p.288-304
- 13 Sundus H, Chhabra C, Kaur H, Jain S, Shankar M. Enhancing the future of

personalized health care. In: Psychology in the Digital Era: Navigating the Intersection of Minds and Machines. Red Shine Publishers; 2024. p. 40-52.

- 14 Sundus H, Khan SA, Chhabra C, Jain S, Aziz R, Kaur H. Artificial intelligence and medical research: accelerating innovation in health care. In: AI Horizons: Exploring Multidisciplinary Frontiers. Vol III. Red Shine Publishers; 2024. p. 105-23.
- 15 Yadav S, Ahuja R, Ajmera P, Kalra S. Virtual Consultation. Handbook on Augmenting Telehealth Services: Using Artificial Intelligence. 2024:173.
- 16 Yadav S, Majeed J, Kalra S. Artificial intelligence-assisted telemedicine. Data-Driven Technologies and Artificial Intelligence in Supply Chain: Tools and Techniques. 2023 Nov 23:127.

## Patents

1. Deepak R, Bali N, Kalra S, Kumar N. Pelvic inclinometer. 404310-001. 2024 Sep 4.
2. Jain Shilpa. a muscle relaxant pharmaceutical composition for combating muscle pain and injuries. 202011018974 a. 30-10-2023
3. Jain Shilpa. Adaptive Resistance Training Band System. 403167-001. 10-04-2024
4. Jain Shilpa. Muscle Spasm Questionnaire. 31227/2023-CO/L (Copyright Filed)
5. Jain Shilpa. Portable Hydrotherapy Device. 403772-001. 09-04-2024
6. Jain Shilpa. Pressure-Sensitive Hand Grip Exerciser. 410352-001. 16-05-2024
7. Jain Shilpa. Smart Gait Analysis Insoles. 409922-001. 10-05-2024
8. Jain Shilpa. Smart Mirror Fitness Trainer. 403597-001. 23-04-2024
9. Jain Shilpa. Wearable belt for Vital sign monitoring of pregnant women. 382277-001. 26-07-2023
10. Rai RH. Infrared tracking light for joint and muscle therapy. Patent number 393700-001. Issued 27 August 2024.
11. Rai RH. Portable oxygen generator. Patent number 393763-001. Issued 27 August 2024.
12. Rai RH. Wearable EEG monitoring headband. Patent number 393762-001. Issued 25 August 2024.

## Student's Achievements

### 1. Name of the students: Md. Daniyal (MPT-Sport Medicine)

**Name of the event:** Swami Vivekananda U-20 Football National Championship 2024, held from 29 April to 23 May in Narayanpur, Chhattisgarh.

**Achievement:** Selected as a Physiotherapist for the team of 18 football players, focusing on injury prevention, treatment, and rehabilitation.



### 2. Name of the students: Ms. Sakshi (MPT-Sport Medicine)

**Name of the event:** Senior Women's Football National Championship, held at Kolkata, West Bengal from 1st – 15th May 2024.

**Achievement:** Selected as a Physiotherapist for the team of Delhi State Senior Women's Team for the assessment and treatment of national football players with acute injuries.



## Academic Activities

### Workshop to spread awareness amongst staff employees on AIDS on September 21, 2023

In an initiative guided by Dr. Dr. Richa H. Rai, the Complaints Officer, appointed by DPSRU under The HIV and AIDS (Prevention & Control) Act, 2017, Harkriti Gangwani, Rohan Singh and Sarvshreshtha Tiwari, 2nd-year BPT students at the School of Physiotherapy, helped in organizing an HIV/AIDS awareness workshop for DPSRU staff on September 21st, 2023, Thursday, in room 712 of the DPSRU building.

During the event, Rohan and Sarvshreshtha differentiated HIV from AIDS while providing insights into symptoms, transmission, and prevention. Harkriti delved into The HIV and AIDS (Prevention & Control) Act, 2017, and the grievance redressal system, elucidating the procedure to file complaints. Dr. Richa Rai helped solve the queries of the housekeeping female staff on the same. Mr. Aditya Kaushik, Mr. Rizwan, and Mr. Krishan Kumar offered administrative support.



*Prof. Richa Rai conducting a workshop on AIDS awareness for DPSRU staff*

These essential topics collectively aimed to educate the staff of DPSRU comprehensively about HIV/AIDS, encompassing both medical and legal aspects. The event served as an opportunity to enhance awareness and understanding within the community. 12 out of 17 housekeeping staff attended the event and also discussed their queries on the same. They were helped with their doubts and also abreast about the grievance redressal mechanism as formed in DPSRU under the guidance of Hon'ble VC Prof Ramesh K Goyal and Dr. Harvinder Popli Registrar DPSRU. Light snacks were served after the event.

### Skill development workshop on Basic Life Support on October 17, 2023

DPSRU organized a skill training workshop on Basic Life Support. Phase I focused on Basic Life Support and Phase II will be lectures on Emergency care which shall be held soon as per the availability of the anesthetists/ doctors from the clinical side keeping in view their engagement with the OPD and patients.

The Workshop started with student registration/attendance and kit distribution, 25 students registered for the Workshop from MPT I (14) and II (6) year DPSRU also including the MPT 2020 batch running late due to COVID (3) and PhD students (2). 11 faculty also participated as well as organized the program with great enthusiasm. After the Introduction of the resource persons Prof Dr. Jyotsna Agarwal (MD (Anesthesiology),



*Prof Jyotsna Agarwal and Dr. Pratibha Panjiar, HIMSR, Delhi alongwith faculty and students of SoP*



*Prof Jyotsna Agarwal, demonstrating the physiotherapy students about the techniques of Basic Life support*

Fellow of Interventional Pain Medicine (FIPM), Diploma in Hospital Management (DHM) and Dr. Pratibha Panjiar (MBBS, DA, DNB, DMLS) Associate Professor, from Department of Anesthesiology & Pain Medicine, Hamdard Institute of Medical Sciences and Research, New Delhi, having keen interest in BLS and Emergency care and also exclusively trained for the same, the delegates were split into 2 batches. The first batch took Theory on topics related to Oxygen therapy and Emergency care and also did hands-on training on bagging, establishing the airway, and intubation technique in case of Emergency. The second batch was taken for practical training cum hands-on on Cardio Pulmonary Resuscitation in Simulation Lab 610, where skill training was given to the delegates on 5 workstations with mannequins with a total feedback mechanism on how much is an effective Resuscitation. The Q CPR application downloaded on their phones helped them to achieve the right pressure and rate at which the CPR training should be done in an individual. They also tried single as well as dual rescuer resuscitation techniques which helped them to understand different scenarios in an emergency. The students also used the application feature to create a competitive event to see which team was doing the best CPR after learning the skill. However, scenarios for Emergency care

were not covered, which will be taken up in the upcoming lectures by the experts. After a refreshment break the batches were switched. This was followed by Lunch and a post in which there was a lecture cum discussion on the pain clinic and the collaboration of Physiotherapists with Anesthetists to manage the same. The participants had a healthy discussion on Low Back Aches in particular and their management in a Pain clinic by the team. This was followed by felicitation of the guests and the participants with the certificates and a group photograph.

The overall experience as shared by the students in the feedback form was that of a Happy learning and they expect many more such workshops to happen. It was a Joyful learning for all. Mr Vivek and Ms. Manisha from Laederal helped us to arrange the feedback mannequins. The entire program was held under the guidance of Hon'ble VC Prof Ramesh K Goyal, esteemed Registrar Dr. Harvinder Popli, Expert Anaesthetist Dr. Jyotsna Agarwal, and organized by the team School of Physiotherapy including Prof Richa Rai, Dr. Sheetal Kalra, Dr. Shilpa Jain, Dr. Jitender Munjal, Dr. Varsha Chorasiya, Dr. Ravinder, Dr. Savita, Dr. Tabassum Saher, Dr. Neha Kumari, Dr. Sapna Dhiman, and Dr. Parul Sharma. One should note the contribution of society Paridrishya (Mr. Sukhpreet and Ms. Anu) who were on their feet the whole day to make each moment of the event memorable!

### **Orientation Program Masters of Physiotherapy Students Batch 2023 on October 19, 2023**

The orientation program for Masters of Physiotherapy students, held on October 19, 2023, at DPSRU, was a comprehensive



*Dr. Rekha Mittal, Pediatric Neurologist at Rainbow Children's Hospital and Dr. Ashu Gupta Head of Sports Injury Centre, Safdarjung Hospital; alongwith faculty and students of SoP*

introduction to the field of physiotherapy. Experts for the workshop were Dr. Rekha Mittal Pediatric Neurologist at Rainbow Children's Hospital and Dr. Ashu Gupta Head of Sports Injury Centre, Safdarjung Hospital. Honorable Vice Chancellor Prof Ramesh K Goyal welcomed all the experts and encouraged all the students to embark on the path of research, for it is the bridge between knowledge and innovation. Registrar Prof Harvinder Popli motivated the students to embrace new technologies, methodologies, and ideas to shape the future of this vital field. Dean Academics Prof Geeta encouraged students to holistic learning at DPSRU. The speakers delivered insightful presentations on the vital roles of sports physiotherapy, cardiac physiotherapy, and pediatric physiotherapy. Dr Ashu Gupta highlighted the significance of these specialized areas and how physiotherapists can make a difference in the lives of their patients. Importantly, the program underlined the fundamental importance of compassion, empathy, and sympathy in patient care. Dr. Rekha Mittal, a seasoned clinician, emphasized the role of emotional intelligence in building trust and rapport with patients. The event was not just about imparting knowledge but inspiring students to become empathetic and compassionate caregivers. The students were encouraged to engage in critical thinking and explore practical scenarios. This orientation program

left students motivated and well-prepared to begin their journey as future physiotherapists, armed with a strong foundation in the field and a profound understanding of the human element in healthcare. The event was coordinated by faculty members Prof Richa Rai, Dr. Sheetal Kalra, Dr. Shilpa Jain, Dr. Savita Tamaria, Dr. Varsha, Dr. Jitender, Dr. Parul, DR Sapna, Dr. Ravinder, Dr. Tabassum, and Dr. Neha.

### **Educational Visit Cum Workshop on Body Plethysmograph and Lung Diffusion Testing at NITRD on November 16<sup>th</sup> & 17<sup>th</sup> 2023**

Students Being Demonstrated The Body Plethysmograph and Lung Diffusion Testing

DPSRU conducted an Educational Visit Cum Workshop to NITRD PFT laboratory for a demonstration of Body plethysmograph and lung diffusion testing facilities for 25-28 students of BPT and MPT along with one faculty Dr. Dr. Richa Hirendra Rai from School of Physiotherapy. The workshop was conducted by Dr. Sanjay Gupta (CMO) and Prof Dr Rupak Singla Head, Department of TB & Respiratory Diseases, and PFT Lab Incharge at the National Institute of TB & Respiratory Disease, Mehrauli. The team of technicians included Mr. Manoj and Mr. Satya from the same department who were extremely skilled in their work. Students



*Students Being Demonstrated The Body Plethysmograph and Lung Diffusion Testing at NITRD*



*Students and Faculty of SoP at NITRD*

were abreast with the new guidelines of PFT and demonstrated clinical spirometry and also Helium-dilution method to assess the lung volumes and determine capacities on patients. This was followed by the demonstration on the assessment of the Lung Diffusion testing and Body Plethysmograph method to assess Thoracic gas volumes and Airway resistance. The students keenly asked their queries to correlate things taught theoretically back in their classes and appreciated this first-hand exposure to the Pulmonary function testing arranged by DPSRU and NITRD which shall benefit them on long run in their professional judgment.

### **International Conference of Physiotherapy INCPT 2023 on December 23 – 24, 2023**

AIIMS New Delhi is the most prestigious institution and is renowned not only nationally but also internationally. INCPT AIIMS is the oldest and one of the most prestigious conferences which is held in Delhi once every year. This year the conference was held on

23rd and 24th December 2023 where **DPSRU School of Physiotherapy won the 'Best College Award' amongst the several colleges competing nationally.** It was the participation of the students and faculty in various scientific activities at the conference which helped them bag the award.

Prof. Richa H. Rai was presented with the 'Significant Contribution in the Field of Physiotherapy' Award, followed by Dr. Parul Sharma who bagged the Bronze Medal in the Innovation Category, Dr Sheetal Kalra was an Invitee Speaker at the Scientific papers in the presence of the revered Physiotherapy Community. Dr Jitender Munjal also attended INCPT. Amongst the several students who attended the conference and volunteered for the scientific committee, PhD Scholar Hemlata Vats got a gold medal in the Senior Cardio research category, BPT student Aditya also was awarded gold in the Junior paper category, Komal U Sawant MPT Cardio and Ishi Agarwal BPT won Bronze in Poster presentation, team Smriti, Ishika and Tushar won Gold in Physiotherapy Quiz, Urvashi Verma and Namrata Gaba were also felicitated with



*Dr. Sheetal Kalra was invited as an Invitee Speaker at AIIMS*



Faculty and students of SoP at AIIMS INCPT Conference



Best College Award won by SoP at the INCPT conference

Gold medal and Silver respectively in drawing competition. It was a day full of accolades for DPSRU with the significant contributions of the DPSRU physiotherapy community at an International Platform that brought laurels to the University. DPSRU is extremely committed to Scientific Developments and Community Services as demonstrated by the student participation in various pre and post-conference courses to enhance their knowledge.

### Free Physiotherapy Health Camp as a program for “Viksit Bharat Abhiyan” on May 28, 2024

The staff and faculty of the School of Physiotherapy successfully organized a Free Physiotherapy Health Camp in OPD, School of Physiotherapy (SoP), DPSRU on 28th May

2024 (Tuesday) as a program for “Viksit Bharat Abhiyan”, an initiative by the Honorable Prime Minister of India.

The program was held under the able guidance of the Honorable Vice Chancellor, worthy Registrar DPSRU, and Prof Sharad Wakode, Nodal Officer for the Viksit Bharat Abhiyan. Dr. Sheetal Kalra, Head, SoP took the initiative and Dr. Savita Tamaria and Dr. Jitender Munjal were the Event coordinators for the same. The theme for the camp was “Quality Care for Better Quality of Life”.

All the faculty members of SoP namely Prof Richa H Rai, Dr. Shilpa Jain, Dr. Parul Sharma, Dr. Sapna Dhiman, Dr. Ravinder Kumar, Dr. Neha Kumari, and Dr Tabassum Saher actively participated along with student volunteers for smooth conduction of the Camp.

About 77 patients from nearby areas, came for treatment and a general awareness about the Role of Physiotherapy in the Prevention of Diseases and injuries was carried out for the general public.



Faculty of SoP providing free consultations during Physiotherapy Health Camp

The patients coming for Physiotherapy treatment were diagnosed and treated free of cost and were counseled on the preventive aspect of disease to reduce the economic burden of health issues on the Indian economy.

The organization and management of the camp were well appreciated by all the senior officials and the patients who benefited from the health camp. The patients further raised a demand to organize such camps for the welfare of the general public.

### Health camp of School of Physiotherapy in association with Special Olympics Bharat (SOB) on July 25, 2023

Under the mentorship of Dr Sheetal Kalra, MPT Sports Medicine students participated in a physical test camp for screening of the children with developmental disabilities. The event was organized by Special Olympics Bharat on 25th July 2023 at Air Force Golden Jubilee School. The Special Olympics Bharat health camp serves the vital purpose of providing comprehensive healthcare and wellness support to individuals with intellectual and developmental disabilities. Through this initiative, Special Olympics Bharat in association with School of Physiotherapy DPSRU aims to address their unique health needs, promote health education, and enhance overall well-being, ensuring that these athletes have the opportunity to lead healthier and more fulfilling lives.

### Participation of MPT Sports students in MMA Amateur Contender Series held at Delhi's Talkatora Stadium

The students of MPT Sports Medicine got the remarkable opportunity to undertake posting at the MMA Amateur Contender Series held



*Students of MPT-Sports medicine recognized by Air Force Golden Jubilee School*

at Delhi's Talkatora Stadium, a thrilling arena for Mixed Martial Arts. Under the guidance of PG Head Dr. Sheetal Kalra and coordinator Dr. Jitender Munjal, this experience has been an invaluable addition to the journey of MPT (Sports Medicine) student at DPSRU, Delhi. Throughout this posting, students delved into the world of high-octane combat sports, witnessing firsthand the fusion of boxing, wrestling, judo, and more. The intensity of this full-contact sport presented a range of common injuries, including bruises, cuts, and concussions. The students got the opportunity to assess and address both within the ring and during post-match examinations. This experience not only honed their skills but also reinforced the critical role of a physiotherapist in ensuring the athletes' peak performance and safety in the challenging realm of MMA.



*Students of MPT- Sports Medicine at MMA Amateur Contender Series*

## Infrastructural Facilities

The school offers specialized postgraduate programs such as MPT in Sports Medicine, Cardiovascular and Pulmonary, and Paediatrics. These programs employ innovative teaching methods, aiming to integrate education, research, and real-world practices. Students are provided with hands-on learning opportunities in the well-equipped outpatient department of physiotherapy, guided by experienced faculty members. The school features well-equipped labs, including:

**A. Anatomy Lab:** The lab is a well-equipped facility designed to enhance hands-on learning. It features an extensive collection of bone sets and a full-sized human skeleton for detailed study. Students benefit from a large view box displaying X-rays of various bones, allowing for in-depth analysis of anatomical structures. Additional resources include interactive models and charts to support diverse learning styles. This dynamic environment promotes a comprehensive understanding of human anatomy, essential for future physiotherapy practitioners.

**B. Exercise Therapy Lab:** Exercise therapy is one of the most important branches of Physiotherapy treatment. The lab is equipped with a wide range of modern exercise equipment tailored to train the students as per the needs of the huge variety of patients that the students will encounter in the field of Physiotherapy. The lab supports teaching and

developing hands-on skills to prepare patient exercise programs and implement the same. Some of the equipment includes pressure biofeedback, inclinometer, stationary bicycles, Resistance bands, weights, balance training equipment etc. The lab is also equipped with patient couches to practice various manipulative skills used as recent therapeutic techniques in the field of Physiotherapy.

**C. Electrotherapy Lab:** The electrotherapy laboratory is well equipped with modern equipment like Laser therapy, Ultrasonic therapy, Interferential Therapy, Transcutaneous Electrical Nerve Stimulation, and Contrast Bath. Practicing in the labs gives students an excellent opportunity to sharpen their clinical acumen through 'hands-on' exposure under the guidance of experienced faculty. This immersive learning environment allows students to explore the latest techniques and applications in physical therapy, gaining valuable insights into patient assessment and treatment protocols.

**D. Sports Physiotherapy Lab:** The lab has a well-equipped State of Art facilities like Lower limb Isokinetic, Electromyography, Body Composition Analyser, cycle ergometers, spirometers, Reaction timers etc to name a few. The lab has all the basic sports rehabilitation facilities to train the students in the field of sports Physiotherapy. The lab also is equipped with Kinanthropometric equipments like Anthropometric Rods,

Hependern's skin fold calipers for body composition analysis and Talent Identification. The lab also provides training facilities for dry needling, manipulation, dry cupping etc.

**E. Pediatric Physiotherapy Lab/OPD:** This lab/OPD started with the objective to treat exclusively children with Cerebral Palsy, Developmental Delay, Autism, ADHD, Down Syndrome and other paediatric conditions that are likely to affect the baby and growing child and treat from 1-day-old babies to adolescents by providing Early intervention, Neurodevelopmental therapy, Sensory Integration therapy, Balance training and Motor planning and execution. The lab/OPD is well equipped with sensorimotor integration equipment's like Jumbo Gym with Multi Suspension System, Therapy Mats with tactile mat, Acrylic Distorted Mirror etc. to foster the overall development of the child. It encourages the physical development in children to an optimal level by providing them a creative and enjoyable environment.

**F. Cardiopulmonary Lab:** The lab has state-of-the-art simulation ICU setup. This lab boasts cutting-edge equipment, including Lifesize Simulator Model Resusci Anne

Simulator, Defibrillator, Infusion Pump, Digital Mechanical Ventilator, ICU bed with footside table, - Medical Crash Cart, Laryngoscope, BiPAP machine, Treadmill, Digital Bicycle Ergometer, Pulmonary function testing software and gadgets, Energy Consumption analyzer, Resuscitation kit, Radiograph board, Stadiometer, Postural drainage table, B.P. Apparatus, Pulse Oximeters, and several others. The lab's design features distinct workstations, facilitating the development of Intellectual skills, Procedural skills, Psychomotor skills, Clinical skills, Communication skills and Team and leadership skills.

**G. Neurorehabilitation Lab:** The Neuro-rehabilitation Laboratory conducts research on assessments and interventions for individuals with neurological diseases and disorders, including Parkinson's disease (PD) and stroke. This lab also engages in research investigating motor control and motor learning processes in both healthy individuals and those with neurological conditions. It is equipped with advanced tools such as a balance system, gait training equipment, tilt table, transcutaneous direct current stimulation, and therapeutic balls, providing a comprehensive approach to rehabilitation.

# School of Allied Health Sciences and Management

The School of Allied Health Sciences and Management, established in 2016 under DPSRU, is a dynamic center for training healthcare professionals. The school offers 1 Diploma, 3 UG, 5 PG, and Ph.D. programs in Management and Public Health, encompassing pharmaceuticals, public health, medical laboratory technology, and Artificial Intelligence. Its goal is to equip students for success in the global healthcare arena.

With healthcare professions forming a significant part of healthcare systems of developed countries, the school prioritizes experiential learning to foster skilled health professionals. Collaborations with major hospitals such as National Heart Institute, BL Kapoor–Max Super Specialty Hospital, Indraprastha Apollo Hospital, Fortis Escorts Heart Institute, Max Super Specialty Hospital, Delhi Heart and Lung Institute, Madhukar Rainbow Children’s Hospital, Amrita Hospital Faridabad, Holy Family Hospital, Govind Ballabh Pant Institute of Postgraduate Medical Education & Research, Sanjay Gandhi Memorial Hospital, and Aruna Asaf Ali Government Hospital, enhance the students’ learning journey. Active MoUs with Government Hospitals offer internships for students in Medical Laboratory Technology (MLT) programs.

The School offers nine core programs:

- **MBA in Pharmaceutical Management (MBA-PM):** A two-year, full-time program specializing in Pharmaceutical Management.
- **MBA – International Trade Management (MBA-ITM):** A two-year program enhancing management skills with a focus on international pharmaceutical business.
- **MBA – Health Care and Hospital Management (MBA-HHM):** A two-year program emphasizing Hospital and Health Management knowledge and skills.
- **Master’s in Public Health (MPH):** Two-year full-time Master’s Programme with specialization in Public health.
- **M.Sc. in Artificial Intelligence in Medicine (MSc AI in Medicine):** Two-year full-time Master’s Programme designed to provide training in the principles of AI, precision and stratified medicine, and the clinical impact of individual molecular and lifestyle variability.
- **Bachelor of Medical Laboratory Technology (BMLT):** Three-year-undergraduate program designed to train students to become Medical Laboratory Technologists who assist physicians in labs and are responsible for performing laboratory investigations.
- **BBA- Healthcare (BBA-HC):** Three-year-undergraduate program that equips students for focused care to enhance healthcare services. The curriculum designed in conjunction with academia and healthcare industry experts provides opportunities for the students to master new skills and explore varied perspectives in healthcare management.
- **B.Sc. Biomedical Science:** Three-year-undergraduate-program that offers a skill development curriculum having an amalgamation of Life Sciences,

Biotechnology, Pharmacology, Medicinal Chemistry, and relevant subjects to create graduates with enriched knowledge and exposure in the fields of biomedical sciences.

- **Diploma in Medical Laboratory Technology (DMLT):** Two-year diploma program which provides skill-oriented training and develops skilled professionals ready to work in hospitals, laboratories, public and private health facilities, and industrial laboratories.

The MBA programs (MBA-PM, MBA-ITM, and MBA-HHM) are designed to equip students to develop the requisite knowledge, skill, and competencies to work in the dynamic business arenas of pharmaceutical, international and healthcare sectors. The syllabus and course contents are designed keeping in mind the current requirements of the respective industry. The selection procedure for MBA-PM, MBA-ITM, and MBA-HHM are based on 60% graduation marks and subsequent 20% Group discussion (GD) and 20% Personal Interview (PI) of the candidates. Masters in Public Health (MPH), one of the flagship programmes of the school prepares the students to become leading public health professionals capable of addressing current global health problems with multidisciplinary, evidence-based approaches. The MPH students regularly organize Awareness Programmes and participates in Community extension activities in the neighborhood and in the slums of Sunder Nagri in collaboration with the Community Health Department of St. Stephen's Hospital (CHD-SSH), New Delhi. Postgraduate programs offer practical open elective subjects, enriching students' knowledge with real-world expertise. These sessions empower students with hands-on experiences, consulting projects, and improved presentation skills.

Internships are integral to the MBA-PM, MBA-ITM, MBA-HHM, MPH, and BBA-HC programs., Postgraduate students undergo 6-8 week summer internship and 12-16 weeks of final intership. While Undergraduate students have 6-8 week internships. For BMLT and DMLT programs, final semester students have 16- and 12-week internships, preferably in Government Hospitals. DMLT students have interned in various departments of GB Pant and LNJP hospital.

## Faculty

### DEPARTMENT OF MANAGEMENT

Dr. Jaseela Majeed	Associate Professor
Dr. Puneeta Ajmera	Associate Professor
Dr. Abhishek Dadhich	Assistant Professor
Dr. J Swaminathan	Assistant Professor
Dr. Sheetal Yadav	Assistant Professor
Dr. Simmi Vashishtha	Assistant Professor
Dr. Akash Midha	Assistant Professor
Dr. Rakhi Ahuja*	Assistant Professor
Dr. Sarika Singh*	Assistant Professor

### DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY & SCIENCES

Dr. Suresh Kumar	Assistant Professor
Dr. Subodh Gupta	Assistant Professor
Dr. Satish Manchanda	Assistant Professor
Dr. Rashi Gupta	Assistant Professor
Dr. Sachin Kumar	Assistant Professor
Dr. Saurabh Chaturvedi	Assistant Professor


### Part Time/ Visiting Faculty





Dr. Ramsha Iqbal
Ms. Abhilasha Gupta
Dr. Vijay Wadhwa
Dr. Martha Premlatha
Dr. Arvind
Mr. Syed Mohd Faisal
Dr. S. Sivakalai

## Research Profile of Faculty

## DEPARTMENT OF MANAGEMENT

<p><b>Dr. Jaseela Majeed</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Quality Systems and Compliance in Healthcare</li> <li>▪ Maternal Health</li> <li>▪ Analytical Method Development and Validation of Newer Drugs and formulations.</li> </ul> <p><b>H index: 12</b> <b>Total Citations: 602</b></p>	
<p><b>Dr. Puneeta Ajmera</b></p> <p><b>Research Area of Faculty –</b></p> <p>Maternal and Child health, Industry 4.0, Decision making in healthcare including MADM (AHP, TOPSIS, VIKOR) approaches and Structural Modelling techniques like ISM, TISM etc.</p> <p><b>H-index: 16</b> <b>Total Citations 823</b></p>	
<p><b>Dr. J. Swaminathan</b></p> <p><b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Public Health</li> <li>▪ Pharmaceutical Analysis</li> <li>▪ Method Development Validation</li> </ul> <p><b>H-index - 7</b> <b>Total Citations – 144</b></p>	
<p><b>Dr. Abhishek Dadhich</b></p> <p><b>Research Area of Faculty -</b></p> <p>Behavioural Science, Supply Chain Management, Medicine Optimization, Pharmaceutical Policy</p> <p><b>H-index - 03</b> <b>Total Citations – 40</b></p>	
<p><b>Dr. Sheetal Yadav</b></p> <p><b>Research Area of Faculty –</b></p> <p>Telemedicine, Quality in Healthcare, Hospital Accreditation, AI in Healthcare</p> <p><b>H-index - 03</b> <b>Total Citations – 14</b></p>	
<p><b>Dr Simmi Vashishtha</b></p> <p><b>Research Area of Faculty –</b></p> <p>Entrepreneurship Development, Women Entrepreneurship, Entrepreneurship Ecosystem</p> <p><b>H-index - 07</b> <b>Total Citations – 132</b></p>	

<p><b>Dr. Akash Midha</b>  <b>Research Area of Faculty –</b>  Pharma Management, Sustainable development goals in respect to Health Sector, Social and behavioural Change Analysis</p>	
<p><b>Dr. Rakhi Ahuja</b>  <b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Role of AI in health care medical</li> <li>▪ Antibiotic resistance</li> <li>▪ Artificial intelligence in healthcare</li> <li>▪ Digitization</li> </ul>	
<p><b>Dr. Sarika Singh</b>  <b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Environmental Health and Pollution</li> </ul> <p><b>H-index - 03</b>  <b>Total Citations – 147</b></p>	
<b>DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY &amp; SCIENCES</b>	
<p><b>Dr. Suresh Kumar</b>  <b>Research area of faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Medicinal Chemistry</li> <li>▪ Drug Discovery</li> <li>▪ Biochemistry</li> <li>▪ Bioactive Heterocycles</li> </ul> <p><b>H-Index - 16</b>  <b>Citation - 2370</b></p>	
<p><b>Dr. Saurabh Chaturvedi</b>  <b>Research Area of Faculty –</b>  Immune Mediated inflammation</p> <p><b>H-index - 8</b>  <b>Total Citations – 248</b></p>	
<p><b>Dr. Subodh Kumar</b>  <b>Research Area of Faculty –</b>  Parasitology, Biomarker discovery, Molecular Biology, Metabolic syndrome</p> <p><b>H-index - 09</b>  <b>Total Citations – 433</b></p>	

<p><b>Dr. Satish Manchanda</b>  <b>Research Area of Faculty –</b>  Nano-formulation, Ocular Drug delivery  <b>H-index - 12</b>  <b>Total Citations – 418</b></p>	
<p><b>Dr. Rashi Gupta</b>  <b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ AMR Microbiome</li> <li>▪ Soil Ecology</li> <li>▪ Metagenomics</li> <li>▪ Rhizosphere Biotechnology</li> </ul> <p><b>H-index - 13</b>  <b>Total Citations – 533</b></p>	
<p><b>Dr. Sachin Kumar</b>  <b>Research Area of Faculty –</b></p> <ul style="list-style-type: none"> <li>▪ Neuropharmacology</li> <li>▪ Pharmacovigilance</li> <li>▪ Materiovigilance</li> <li>▪ Clinical Research</li> </ul> <p><b>H-index - 7</b>  <b>Total Citations – 142</b></p>	
<p><b>Dr. S. Sivakalai</b>  <b>Research Area of Faculty –</b>  Haematological and Biochemical, Decolourisation waste water analysis  <b>H-index - 3</b>  <b>Total Citations – 20</b></p>	

## Faculty Achievements

### Dr. Jaseela Majeed

16.02.2024

Nominated as Expert Committee Member for the formulation of Operational Guidelines on Medication Safety in India under the Directorate General of Health Services, Ministry of Health and Family Welfare, GOI.

### Dr. Suresh Kumar

14/2/2024

Title of Award - Qualified Indian Patent Agent Examination & Registered IN/PA Awarding Institution – Indian Patent Office, Mumbai

Awarding Institution - Controller General of Patent, Design & Trademark, GOI

### Dr. Saurabh Chaturvedi

1/7/2023

Title of Award - Early Career Research Travel Award to attend World Congress of Pharmacology 2023

Awarding Institution - British Society of Pharmacology

## Faculty as Resource Person

### Dr Puneeta Ajmera

**28/03/2024**

Topic – corporate Responsibility and Volunteering in the Countries of the CIS, EAEU, SCO

Role – Presenter

Organized by – Business Center for the Economic Development of the Commonwealth of Independent States.

### Dr. Saurabh Chaturvedi

**2/7/2023**

Topic - World Congress of Pharmacology 2023

Role - Presenter

Organized by - British Society of Pharmacology

### Dr. Satish Manchanda

**20/11/2023**

Topic - Recent Trends in Pharmaceutical Innovation and Research

Role - Presenter

Organized by – Shri Vishnu College of Pharmacy

**8/12/2023**

Topic - Emerging Technologies in The Field of Healthcare and Pharmaceuticals

Role - Presenter

Organized by – Shri Vishnu College of Pharmacy

**8/1/2024**

Topic - Recent Trends in Medical Technology Innovation and Pharmaceuticals

Role - Presenter

Organized by – Shri Vishnu College of Pharmacy

## Publications

1. Ansari N, Ajmera P, Dadhich A. Pharmacist's knowledge and attitude towards self-medication practices: a cross-sectional study for the development and validation

of questionnaire. International Journal of Pharmacy Practice. 2024 Jun 10: riae027.

2. Ansari N, Dadhich A, Ajmera P. The Influence of Children on Parents' Purchase Decision for Nutritional Health Drinks: A Study of Delhi, India. Asia-Pacific Journal of Management Research and Innovation. 2024 May 19:2319510X241240530.
3. Chaturvedi S, Gupta R, Singh H, Kumar S. Emerging Landscape of Medical Laboratory Science in India: Promises and Opportunities. EAS J Pharm Pharmacol. 2023 August; 5(4):113-21.
4. Das A, Chakraborty S, Imani A, Golestani M, Ajmera P, Majeed J, Carlerby H, Dalal K. Barriers to access health facilities: a self-reported cross-sectional study of women in India. Health Open Research. 2023 Sep 1;5:30.
5. Majeed J, Yadav S, Garg R, Kamal D, Iqbal R, Mittal P, Dadhich A, Ajmera P. Hepatic and Gastrointestinal Complications during COVID-19: A Meta-Analysis of Meta-Analyses. Journal of the Dow University of Health Sciences (JDUHS). 2024;18(1).
6. Mittal P, Kalra S, Dadhich A, Ajmera P. Empowering children for better health with child-to-child approach: a systematic literature review. Health Education. 2024 May 7.
7. Paswan SK, Verma P, Mohapatra L, Rao CV, Srivastava S, Kumar S. Assessment of wound healing activity and safety profile of Amaranthus spinosus extract using incision wound healing model. Current Research in Biotechnology. 2023 Jan 1; 6:100151.
8. Reang J, Sharma K, Sharma PC, Yadav V, Sharma V, Majeed J. Discovery of VEGFR inhibitors through virtual screening and energy assessment. Journal of Biochemical and Molecular Toxicology. 2023 May;37(5):e23321.
9. Reang J, Sharma V, Yadav V, Tonk RK, Majeed J, Sharma A, Sharma PC. Redefining

- the significance of quinoline containing compounds as potent VEGFR-2 inhibitors for cancer therapy. *Medicinal Chemistry Research*. 2024 Jun 27;1-21.
10. Sharma R, Musyuni P, Majeed J, Aggarwal G. Challenges and Opportunities in Precision Therapy for Diabetic Patients. *Health Sciences Review*. 2024 Jul 2;100190.
  11. Sharma S, Nair N, Majeed J, Patel B, Mandal V, Dhobi M. Critically analyzing the resilience of alternative and complementary medicines as possible COVID-19 intervention: A cross-sectional study based on CTRI database. *Journal of Herbal Medicine*. 2023 Sep 1; 41:100730.
  12. Sharma V, Yadav V, Sharma A, Majeed J, Sharma PC. Advancements and application of sustainable nanotechnology-based biomedical products in cancer therapeutics. *Nanofabrication*. 2023 Dec 18;8.
  13. Shenoy AK, Kamath A, Chowta MN, Bloor A, Aravind A, Thakur PB, Kumar S. Knowledge of pharmacovigilance among healthcare professionals and the impact of an educational intervention. *Medicine and Pharmacy Reports*. 2023 Oct;96(4):406.
  - 3 Dadhich A, Dadhich P. Artificial intelligence from vaccine development to pharmaceutical supply chain management in post-COVID-19 period. In: *Blockchain, IoT, and AI technologies for supply chain management*. 1st ed. CRC Press; 2023. p. 19. eBook ISBN: 9781003264521.
  - 4 Gupta D, Mishra RR, Mishra P, Singh S, Shrivastava S, Shukla S, Kumar S\*. Antimicrobial Efficacy of Rutin: Bridging the gap between Traditional Medicine and Modern Science. Springer Nature, Singapore (Accepted). 2024
  - 5 Kirtika, Vashishtha S. Factors affecting e-commerce adoption by young entrepreneurs. In: *Innovative Technological Applications Reshaping Modern Business*. Bharti Publications; 2024. ISBN: 978-81-19757-27-5.
  - 6 Kumar S\*, Nandave M. High Fat Diet (HFD) Induced Oxidative Stress via NADPH Oxidase (NOX) and PPAR in Metabolic Syndrome (MetS). Nova Science Publishers, Inc., USA; 2023; 157 – 170. ISBN: 9798886976014.
  - 7 Kumar S, Chaturvedi S, Gupta R, Kumar S, Singh H. Science and art of determining the association and causation of adverse events in pharmacovigilance: techniques and difficulties. IIP Series; 2024. ISBN: 978-93-6252-047-0.
  - 8 Kumar S, Chaturvedi S, Paswan SK, Singh H. Materiovigilance programme of India: a global perspective and comparison. IIP Series; 2024. ISBN: 978-93-6252-047-0.
  - 9 Kumar S, Maharshi V. Available databases and tools for signal detection of vaccines. CRC Press; 2024. ISBN: 978-1-03-262970-4.
  - 10 Kumar S, Maharshi V. Introduction to pharmacovigilance: ensuring medication safety. CRC Press; 2024. ISBN: 978-1-03-262970-4.
  - 11 Manchanda S. Exploring new horizons in marketing: vertical & horizontal

## Book

1. Goyal RK, Patel BM, Patel NM, Kumar S. *Practical Anatomy and Physiology*. Nineteenth Edition: 2023-2024. B.S. Shah Prakashan. ISBN NO. 8184160496

## Book Chapters

- 1 Ansari N, Mittal P, Ajmera P, Dadhich A. Fundamentals of healthcare 5.0. In: *Pioneering smart healthcare 5.0 with IoT, federated learning, and cloud security*. IGI Global; 2024. p. 1-21
- 2 Chakraborty S, Mittal P, Dalal K, Majeed J, Sharma L. Artificial intelligence to complement Lean approach in the healthcare industry: CRC Press; 2023; eBooks p. 77–95.

- marketing, rural marketing, consumerism, industrial marketing, and global reach. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
- 12 Manchanda S. Foundations of marketing: understanding concepts, scope, and consumer behaviour. In: Pharmamarketing management. New Age Publishers (India); September 2023. Accepted.
  - 13 Manchanda S. Pharmaceutical market insights: analysis, segmentation, and research strategies. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 14 Manchanda S. Pharmaceutical marketing channels and efficient distribution management. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 15 Manchanda S. Pharmaceutical pricing: strategies, regulations, and industry challenges. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 16 Manchanda S. Promotion strategies and the marketing mix. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 17 Manchanda S. Retailing strategies, medical exhibitions, public relations, and online promotion for OTC products. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 18 Manchanda S. Strategic product management in the pharmaceutical industry. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 19 Manchanda S. The role of professional sales representatives: duties, training, and success factors. In: Pharma marketing management. New Age Publishers (India); September 2023. Accepted.
  - 20 Mishra RR, Mishra P, Kumar S, Gupta G. Application of essential oils for the production of dietary supplements and as traditional self-medication purposes. Elsevier 2023; Book: Essential oils in medication. Adetunji-AEOFI-1633689 978-0-323-98340-2.
  - 21 Mittal P, Ansari N, Dadhich A, Ajmera P. Leveraging cloud computing for healthcare: opportunities and challenges. In: Pioneering smart healthcare 5.0 with IoT, federated learning, and cloud security. IGI Global; 2024. p. 220-245.
  - 22 Reang J, Yadav V, Vinita, Majeed J, Sharma P C, Tonk R K, Sharma K. Informatics: Tools and Databases in Drug Discovery. Book: CADD and Informatics in Drug Discovery. Springer Nature, Singapore. May 2023. p. 53-77.
  - 23 Vashishtha S, Mehta E, Vijay. Data-driven intelligence: the interconnected realms of intellectual capital and big data. In: Innovative Technological Applications Reshaping Modern Business. Bharti Publications; 2024. ISBN: 978-81-19757-27-5.
  - 24 Vashishtha S, Midha A, Ahuja R. Can India assuredly contribute towards making the existing modern management paradigms more justified by practicing Indian ethos? In: Ancient Indian Wisdom for Business Transformation. Vol I. Eureka Publications; 2023. p. 152-9. ISBN: 978-81-95987-2-0.
  - 25 Vashishtha S, Singh K, Midha A, Ahuja R. Performance assessment of a public welfare scheme: a case study of direct benefit transfers in India. In: Reforming Governance: Improving Service Delivery and Accountability. Macmillan; 2024. p. 94-104. ISBN: 978-93-5666-790-7.
  - 26 Vinita, Reang J, Yadav V, Majeed J, Sharma PC, Sharma K, Tonk R. Virtual Screening in Lead Discovery. Book: CADD and Informatics in Drug Discovery. Springer Nature Singapore. May 2023. p. 123-140.

- 27 Yadav S, Ahuja R, Ajmera P, Kalra S. Virtual Consultation: Scope and application in healthcare. In: Handbook on Augmenting Telehealth Services: Using Artificial Intelligence. CRC Press (Taylor & Francis). 2024. Pp 173-200.
- 28 Yadav S, Majeed J, Kalra S. Artificial intelligence-assisted telemedicine: A boon in healthcare. In Data-Driven technologies and Artificial Intelligence in Supply Chain. CRC Press (Taylor & Francis); 2024. p. 127-146.

University, Amritsar, Punjab.

**Prize** – Rank 9th, Selection for All India University Games

## 2. Name of the student- Byom Nath Choubey

**Name of the Event** – Samprabhav 3.0, NIPER Mohali

17-18 February 2024, National Institute of Pharmaceutical Education and Research, Mohali

**Prize-** Campus Ambassador of DPSRU.

## Student's Achievements

### 1. Name of the student- Golu Devi

**Name of the Event** – 12th Senior State Fencing Championship 2023-2024  
9 -11 December 2023, G.R. International School, Pooth Khurd, New Delhi.

**Prize** – Gold Medal



**Name of the Event** – 4th Delhi State Silambam Championship 2023-2024

2 -3 December 2023, Shree Vishwakarma Modern Secondary School, New Delhi.

**Prize** – Gold Medal

**Name of the Event** – 16th Delhi State Thang-Ta Championship 2023-2024

2-3 September 2023, Khaira mode Najafgarh, New Delhi.

**Prize** – Silver Medal

**Name of the Event** – All India Interuniversity Games 2023-2024

9 -11 January 2024, Guru Nanak Dev



## Academic Activities

### Workshop On “Strengthening Indian Healthcare System: An Indo-Swedish Initiative” On August 03, 2023

A one-day workshop on “Strengthening Indian Healthcare System: An Indo-Swedish Initiative” was organized by the School of Allied Health Sciences & Management, DPSRU. The workshop was designed to equip healthcare professionals, researchers, and students with the necessary skills and knowledge to effectively present their research findings in a compelling and impactful manner and to make them understand the importance of impactful research presentations in healthcare studies.

In alignment with the growing global emphasis on environmental sustainability, a plantation drive was organized as a concurrent activity.



*Dr. Koustuv Dalal, Professor at Mid-Sweden University planted sapling of native tree in Nav-grah Vatika at DPSRU*



*Management Faculty and students attending the workshop in the Board Room*



*Prof. Dr. Koustuv Dalal delivered his talk on 'presenting an impactful research for healthcare'*

Dr. Ramesh K. Goyal, Vice Chancellor, DPSRU, Dr. Saurabh Dahiya, Nodal Officer G20, Dr. Koustuv Dalal, Dr. Mid-Sweden University, Sweden, Dr. Vijender Kumar, Faculty members and non-teaching staff, along with workshop participants, planted a diverse range of native trees in the Nav-Grah Vatika at DPSRU. This initiative aimed not only to contribute to the ecological well-being of the region but also to symbolize the growth and development of the healthcare partnership between India and Sweden.

The program started with an inaugural



*The guests, faculty and students of SAHSM taking Panch Pran Pledge*

function graced by Dr. Ramesh K. Goyal, Vice Chancellor, DPSRU, Dr. O.P. Shukla, Registrar, DPSRU, Dr. Geeta Aggarwal, Dean Academics, Dr. Saurabh Dahiya, Nodal Officer G20, Dr. Koustuv Dalal, Dr. Mid-Sweden University, Sweden as keynote speaker and Dr. Abha Mangal, Head, Community Health Department, St. Stephen's Hospital, New Delhi as resource person of the workshop. The program started with a welcome and felicitation of guests by the honourable Vice Chancellor, and Registrar, DPSRU. Dr. Jaseela Majeed, Head and Associate Professor, School of Allied Health Sciences and Management, welcomed the gathering with opening remarks. Dr. Puneeta Ajmera, Associate Professor, School of Allied Health Sciences and Management makes the audience aware of the community outreach activities conducted by the department at different levels. Dr. Ramesh K. Goyal, Vice Chancellor, presented the vision of the university among the guests and participants.

The morning session started with a brief introduction of the keynote speaker Dr. Koustuv Dalal, a senior health economist. The speaker delivered his talk on "Presenting



*The award winning posters on 'donate organs – life can begin after death'*



*Dr. Abha Mangal from St. Stephen's Hospital delivering a lecture on 'Epidemiological study designs'*

an Impactful Research for Healthcare". He introduced the techniques to conduct effective research and presented the different platforms that can be adopted to disseminate the results of research. He emphasized the importance of impactful research presentations in contributing to evidence-based decision-making and improving healthcare outcomes.

The session was followed by the felicitation of the speaker and winners of the digital Poster competition held during the workshop. The Poster competition was organized on "Donate Organs: Life Can Begin After Death" to encourage the students to creatively depict the significance of organ donation, its positive outcomes, and the hope it brings to patients in need. At the end of the session, the Panch



*Felicitating the guests – Prof. Koustuv Dalal and Dr. Abha Mangal*

Pran pledge introduced by Shri. Narender Modi Honorable Prime Minister of the country, was undertaken by all participants and attendees that show their commitment and dedication to working collectively towards a nation that embodies these principles.

The afternoon session commenced with the welcome of Dr. Abha Mangal a distinguished expert from St. Stephen's Hospital. Her lecture on epidemiological study designs was a pivotal aspect of the workshop. The lecture provided attendees with a comprehensive understanding of various study designs, their strengths, and limitations. Dr. Abha elucidated the critical role of robust study designs in generating reliable healthcare insights and guiding evidence-based practices. The lecture spurred engaging discussions among participants, fostering a deeper appreciation for research methodologies in healthcare. The session ended with the felicitation of Dr. Abha Mangal and a vote of thanks for her valuable insights. As a respectful and patriotic way to conclude the workshop, the event was summed up with the singing of the national anthem.

### Value-added program on "How to Appear in an Interview" on September 11-14, 2023

A four-day value-added program was organized for DMLT 4th semester students. Ms. Abhilasha Abhay Gupta was invited to the event as a speaker.



*Dr. Abhilasha Abhay Gupta (Resource Person) alongwith the faculty members of SAHSM on 11.09.23*



*Dr. Abhilasha Abhay Gupta (Resource Person) along with the faculty members and DMLT students on 14.09.23*

The event was started by the welcome of guests by Dr. Jaseela Majeed and Dr. Puneeta Ajmera. During the four-day event, several topics were covered which helped students to build the confidence for facing interviews. The five days were strategically divided into different topics like The Complete Persona & Effective communication, Employability Skills, Resume Writing & Networking Skills, and Creative problem-solving & Personal branding. The value-added program also included mock interviews and group discussions. At the end of the fourth day, the program was concluded by a vote of thanks by the program coordinator.

## **Orientation Programme of BMLT, DMLT, and B.Sc. (Hons) Biomedical Science Batch 2023 on September 22, 2023**

School of Allied Health Sciences and Management (SAHSM) organized a Student Orientation programme-2023 on 22nd September 2023 for the newly admitted students of Bachelor of Medical Lab Technology (BMLT), Diploma in Medical Lab Technology (DMLT) and Bachelors of Science (Hons.) Biomedical Science under the guidance of Dr. Jaseela Majeed, HOD (SAHSM), and Dr. Puneeta Ajmera, HOD (SAHS).

The Orientation program started with a warm welcome note from Dr. (Dr.) Geeta Aggarwal, Dean Academics, DPSRU. The session

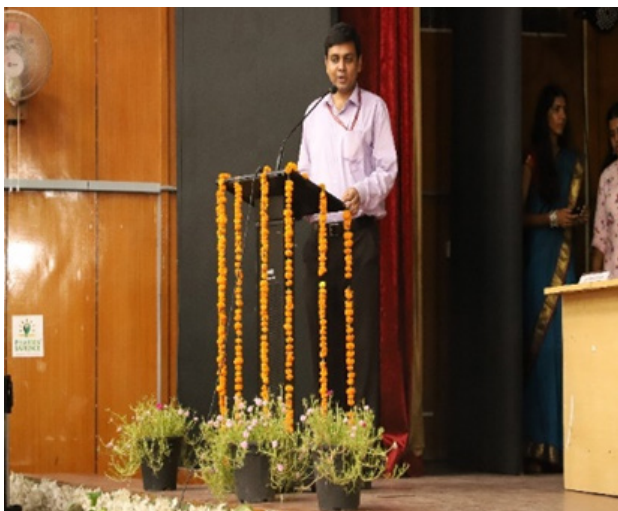


*Mr. Amit Pruthi, AGM Quality Assurance, Pathkind Diagnostics delivering talk on 'Various Career opportunities in MLT'*

progressed with an engaging presentation by Dr. (Dr.) Rajiv Tonk, Dean of Students Welfare, DPSRU. He mentioned about extra-curricular activities of DPSRU, and different cultural societies in which students can enroll themselves. Prof. Harvinder Popli, Registrar and Dean of Research, Innovation and International Affairs, DPSRU welcomed students and introduced them to various milestones achieved by DPSRU, and how in the future students can become entrepreneurs with the help of DIIF. Dr. Jaseela Majeed, Head, SAHSM mentioned the different courses



*Faculty and students of MLT and BSc attending the Orientation Program in the Auditorium*



*Prof. Sudip Kumar Dutta, HoD, Laboratory Medicine – AIIMS, New Delhi, delivering lecture on 'Significance of MLT'*

offered by the School of Allied Health Sciences and Management. She gave an overview of the seminars, workshops, and hands-on training programs organized by the school. The course overview and highlights of BMLT, DMLT, and B.Sc. (Hons) Biomedical Science were given by Dr. Puneeta Ajmera, Head, School of Allied Health Sciences, DPSRU.

Prof. Ramesh K. Goyal, Hon'ble Vice Chancellor addressed the gathering with his delighted speech. He welcomed the students and motivated them for the beginning of the new session with a new style of learning, stating a very clear vision for a successful new academic session. He also shared the vision and legacy of DPSRU, and milestones achieved and welcomed the speaker for the day.

The esteemed Chief Guest Prof. Sudip Kumar Dutta, HOD, Department of Laboratory Medicine, AIIMS, New Delhi, enlightened the students with the significance of medical lab technology, and the importance of internship and career opportunities. The guest of Honour, Mr. Amit Pruthi, AGM, Quality Assurance, Path kind Diagnostics Pvt. Ltd. motivated students and informed them about various career opportunities available upon completing the course. The orientation session was compiled with the vote of thanks given by Dr. Subodh Kumar, Assistant Professor, SAHSM. The entire session was well coordinated by Dr. Subodh

Kumar, Dr. Suresh Kumar, and Dr. Ramsha Iqbal with support of Student Volunteers of BMLT and DMLT.

## **Seminar on "Advance Technologies in Medical Diagnosis" on September 22, 2023**

Medical Laboratory Technology Department of the School of Allied Health Sciences (SAHS) organized a seminar on "Advance Technologies in Medical Diagnosis" on 22nd September 2023 from 2 - 5 PM at Dr. G. K. Narayan Auditorium, DPSR University. The seminar was started with the enlightened speech of Hon'ble Vice Chancellor Dr. (Dr.) Ramesh K. Goyal. Dr. Goyal emphasized the importance of scientific seminars in understanding the day-to-day technological advancement in their field. The session started with the first talk on, "Quality Management System" by Mr. Amit Pruthi, AGM, Quality Assurance, Path kind Diagnostics Pvt. Ltd. Mr. Pruthi discussed the importance of quality control during the analysis. He also discussed the pre-analytical, analytical, and post-analytical errors and the importance of the Six Sigma concept. The session moves forward with the second speaker Dr. Anwesha Malik, Marketing Manager, South West Asia, Beckman-Coulter Life Sciences, India. Dr. Anwesha presented on the topic "Role of Flow Cytometer in Medical Diagnosis". Dr. Anwesha discussed the basics of flow cytometers, their working principle, and their applications in communicable and non-



*Resource Persons: Mr. Amit Pruthi, Dr. Anwesha Malik, Dr. Tripti Rungta, Mr. Rahul Chaudhary, Mr. Sushant Pandey, Dr. Suneel Mutneja; alongwith the Hon'ble Vice-Chancellor, Worthy Registrar, Dean Student Welfare and faculty members of SAHSM*



*Resource person delivering lecture to MLT students on 22.09.23 in the Auditorium*

communicable diseases. The next speaker, Dr. Tripti Rungta, Application Manager, LCGC Life Sciences LLP, New Delhi, discussed the genomic solutions in clinical diagnostics and research. Dr. Tripti discussed about working principle and importance of Next Generation Sequencing in precision diagnosis. Further, we have invited Mr. Rahul Chaudhary, Asia Pacific Head, Medcaptain Medical Technology Pvt. Ltd./IVD Healthcare Pvt. Ltd. for a discussion on "Challenges in Immunoassay". Mr. Rahul addresses the students about the applications and challenges in Immunoassay. Mr. Sushant Pandey further moved the session with the discussion on "Centrifugation techniques in sample preparation". Mr. Sushant discussed with the students the working and precautions taken during centrifugation for maximum output. Dr. Suneel Mutneja, M.D (Pathology), Director of Clinical Pathology, DiagnoAide the Clinical Lab Consultant Pathologist, was the last speaker of the seminar. Dr. Suneel presented on the topic, "Practical aspects of your theoretical knowledge". The session was closed with a vote of thanks given by Dr. Suresh Kumar, Assistant Professor, Department of Medical Laboratory Technology, School of Allied Health Sciences. The session was then open for students to interact & visit company stalls.

## **Basic Life Support Training on October 9, 2023**

A one-day Basic Life Support (BLS) training program was at G K Narayan Auditorium, the School of Allied Health Sciences and Management, DPSRU. The event was conducted by "Billion Hearts Beating," in

collaboration with the "Apollo Foundation." The primary objective of this program was to equip students with essential BLS skills and provide hands-on training on Cardiopulmonary Resuscitation (CPR). Basic Life Support courses are designed for participants to recognize life-threatening emergencies in a safe, timely, and effective manner. The speakers from Billion Hearts Beating Foundation were felicitated by honourable Vice Chancellor, Dr. Ramesh K Goyal and Registrar, Dr. Harvinder Popli along with Dr. Jaseela Majeed, HOD, SAHSM.

Dr Priya, an expert in the field of healthcare and emergency medicine, served as the lead instructor for the BLS training program. She explained and demonstrated to the participants on the fundamental aspects of life support. Dr Priya conducted a hands-on training session on CPR. Students practiced chest compressions, ensuring they were well-prepared to respond to cardiac emergencies. Mr. Mohit, Junior Executive-CSR, co-facilitated the training. He brought his expertise in emergency response and demonstrated practical aspects of BLS and CPR techniques, ensuring that the students received comprehensive hands-on training. This session covered topics such as recognizing life-threatening emergencies, performing chest compressions, and other techniques. The training program fostered active interaction between the speakers and the students who got the opportunity to ask questions, seek clarification, and engage in discussions regarding BLS procedures. This interactive approach enhanced the learning experience and allowed students to gain a deeper understanding on how to handle the life-threatening conditions. The event concluded with a heartfelt vote of thanks to the organizers, faculty members, and participants and expressed their gratitude to "Billion Hearts Beating" and the "Apollo Foundation" for their valuable support in making the program a success. The team acknowledged the active participation and enthusiasm of the students, encouraged them to apply their newly acquired skills in real-life situations.

The session was coordinated by Sapna Yadav and Aditya Kukreti, students of Pre-PhD in Public Health, and hosted by Ms. Falguni Sharma, student of MPH under the guidance of Faculty Dr. Puneeta Ajmera and Dr. Jaseela Majeed.

## Guest Lecture on “Economic Systems and Fundamentals of Market Economy” on November 23, 2023

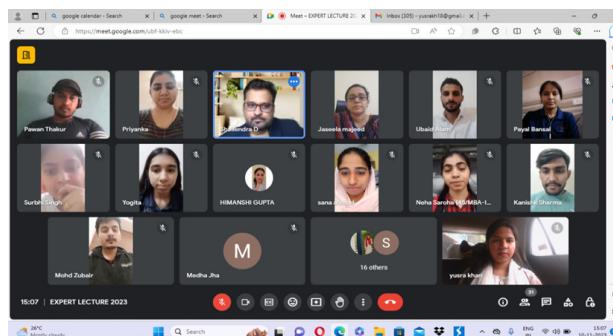
A guest lecture on “Economic Systems and Fundamentals of Market Economy” was held for MBA-PM and MBA-PET students. The lecture was delivered by Dr. Sanjay Kumar, Assistant Professor at the School of Management Studies, Guru Gobind Singh Indraprastha University (GGSIU). The lecture covered an introduction to the stock market and economics, industrial aspects of managerial economics, and the effects of economics on the decisions of managers. Dr. Sanjay made the session interactive and participative. Overall, the session was very much beneficial to each participant as the speaker correlated the concept of Economics by providing real-life illustrations and practical examples. Dr. Jaseela Majeed, Head, of the School of Allied Health Sciences and Management coordinated the lecture.



*Dr. Sanjay Kumar, School of Management Studies, GGSIU, along with management Faculty after delivering a lecture on 'Introduction to stock market and economic'*

## Guest Lecture on “Advertising, Communication and Consumer Behaviour” on November 25, 2023

A special lecture on Advertising, Communication and Consumer Behaviour was a special lecture on Advertising, Communication and



*Mr. Shailendra Deshpande, Head of Omnicuris Ltd. Delivering an online lecture for Management students*

Consumer Behaviour was delivered by Mr. Shailendra Deshpande, Head of Omnicuris Ltd, has more than 25 years of experience in Sales and Marketing in Cipla, GSK, and Novartis. The lecture was organized by School of Allied Health Sciences and Management.

The session started at 3 pm with the welcome address of Dr. Jaseela Majeed, Head, SAHSM. The speaker focused on the importance of advertising and communication in Marketing. More than 50 students of undergraduate and post graduate attended the session along with faculty members. The interactive lecture allowed the students to understand the relevance and importance of advertising, communication, and consumer behaviour in the current scenario. The session was followed by a Q&A round. The session ended with a vote of thanks from the faculty member and student coordinator, Ms. Yusra Khan.

## Guest Lecture on “Basics of Marketing-STP” on November 28, 2023

A guest lecture on Basics of Marketing-STP by Dr. Ubada Aqeel, Assistant Professor, Department of Healthcare and Pharmaceutical Management, Jamia Hamdard, New Delhi was organized on 28th November 2023 at noon. Dr. Ubada Aqeel introduced to the students about the marketing policies, factors influencing Pharmaceutical Marketing and Marketing Risks. He also discussed the basics of STP in marketing. These three basic steps dictate how marketers can identify the right



*Dr. Ubada Aqeel, Jamia Hamdard, delivering a lecture to Management students on 'Marketing Policies and Marketing Risks'*

customers, serve them the right messaging, and give them the information they need for successful targeting. The lecture ended with a vote of thanks by Dr. Rakhi Ahuja, who coordinated the event along with Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Management.

### **Guest Lecture on "Transformation of Attitude, Aptitude, and Personality for Success" on November 28, 2023**

An expert lecture on the topic "Transformation of Attitude, Aptitude, and Personality for Success" for postgraduate students by eminent speaker Dr. Ashok Kumar Peepliwal, Associate Professor, School of Pharmaceutical Management, IIHMR University, Jaipur, Rajasthan was organized By School of Allied Health Sciences & Management on 28th November 2023 at 2:00 pm. The lecture was organized under the guidance of Dr. Jaseela Majeed, Head of Department.

Dr. Akash Midha, Faculty Coordinator introduced the eminent speaker with a



*Dr. Ashok Kumar Peepliwal, IIHMR University Jaipur, alongwith Management students after delivering a lecture on 28.11.23*

poetic note and proposed the vote of thanks. The lecture covered insightful thoughts and experiences on how to become successful in life. One thing that decides the path to success is Attitude, which can shape the career ladder or may ruin it. Attitude, Aptitude, and Personality are the three things, and value system you carry actually decides the path of life. First to know about your inner self and work on your skills.

### **Guest Lecture on "How to find your white space" on November 30, 2023**

A guest lecture on 'How to find your own white space' was given by Dr. Vikram A Munshi, a promising strategic consultant, avid reader, and author is the Founder-White Space Consulting and Capability Building on 30th November 2023 at 3:00 pm. The lecture was attended by postgraduate and undergraduate students along with faculty members. Dr Vikram is a certified coach, he shared his life experiences with the students which



*Management Faculty felicitating Dr. Vikram A. Munshi, Founder White Space Consulting and Capacity Building*



*Dr. Vikram A. Munshi, alongwith Management students after delivering lecture on 30.11.23*

will benefit the students throughout their professional journey. The talk was coordinated by Dr. Rakhi Ahuja, Assistant Professor SAHSM under the guidance of Dr. Jaseela Majeed, Head, DPSRU-School of Allied Health Sciences & Management (SAHSM).

### Guest Lecture on “Understanding the Cost of Quality in the Laboratory” on December 7, 2023

Medical Laboratory Technology Department of the School of Allied Health Sciences (SAHS) organized a Guest lecture for Bachelor of Medical Lab Technology (BMLT) and Diploma in Medical Lab Technology (DMLT) students.

Dr. Ashok Rattan, Chairman of Medical Services & Independent Doctor for Quality and Adviser: Laboratory Operations, Pan India, Path kind Lab, was the expert guest lecture. Dr. Ashok Rattan delivered a lecture on the topic, “Understanding the cost of the quality in the laboratory”.

The program was started with the felicitation of a guest lecture expert by Dr. Puneeta Ajmera, HOD, SAHS. Dr. Ashok Rattan, discussed with the MLT students about the parameters that we should kept in mind during laboratory tests for a quality result and try to minimize the Analytical errors by applying good laboratory practices. He also added that by applying



SAHSM faculty felicitating Prof. Ashok Rattan, Chairman –Medical services Quality and Advisor – Lab Operations at Pathkind Labs



Prof. Ashok Rattan delivering lecture to MLT students

standard practices we can also improve the laboratory services for the patients. The program was Coordinated by Dr. Subodh Kumar, Assistant Professor, Department of Medical Laboratory Technology, School of Allied Health Sciences. Dr. Kumar expresses heartfelt thanks to Dr. Ashok Rattan for their valuable time and guidance. Here, is a glimpse of the event.

### Symposium on Leading Across Various Cultures and Global Healthcare Markets: A Vision for Viksit Bharat @ 2047 on December 20, 2023

School of Allied Health Sciences and Management, DPSRU organized a transformative symposium on the theme “Leading Across Various Cultures and the



Mr. Tavinderjit Singh Vasudeva, President & Chief – Global markets – Microlabs, felicitated by Prof. Sharad Wakode, Nodal Officer-Viksit Bharat Abhiyan and HoD, SAHSM.



*Mr. Tavinder Jit Singh Vasudeva, alongwith management faculty and students after delivering guest lecture on 'Hamara Sankalp – Viksit Bharat'*

Global Healthcare Market: A Vision for Viksit Bharat@2047." This event was a significant initiative aligned with the Viksit Bharat Campaign, demonstrating the university's commitment to nurturing future leaders in the pharmaceutical industry reaching the unreached, and disseminating valuable information for the betterment of society.

The symposium commenced with a warm welcome address extended to the esteemed guest and resource person, Shri. Tavinder Jit Singh Vasudeva, President and Chief Business Officer of Global Markets at Micro Labs Pvt Ltd. He shared insights into the principles of "Hamara Sankalp Viksit Bharat," emphasizing the importance of raising awareness, implementing government schemes, and learning from citizens' personal stories and experiences. This set the tone for the event, aligning it with the noble objectives of Viksit Bharat.

After the event, Dr. Jaseela Majeed and Dr. Abhishek Dadhich honoured and felicitated Shri. Tavinder Jit Singh Vasudeva for his invaluable guidance to the students and contributions to the field. Dr. Akash Midha added a touch of creativity to the symposium by incorporating poetry, aligning with the spirit of the Viksit Bharat campaign. In his vote of thanks, Dr. Abhishek Dadhich expressed gratitude on behalf of the DPSRU family, acknowledging the collective efforts that made the event a success. Post-ceremony, participants engaged in networking sessions, fostering informal interactions between faculty members, researchers, and students.

## **Symposium On "Preparing for the Future: A Vision for Viksit Bharat@2047" : A VISION FOR VIKSIT BHARAT@2047" on January 10, 2024**

A one-day symposium titled "Preparing for the Future: A Vision for Viksit Bharat@2047" demonstrated the university's dedication to developing the next generation of pharmaceutical industry leaders. The program focused not just on global leadership, but also on linking conversations with the Viksit Bharat Campaign. The "Hamara Sankalp Viksit Bharat" campaign attempts to raise awareness and implement government schemes across the country. The university's effort was to contribute to this noble cause by incorporating the campaign's aims, such as reaching the unreached, spreading information, and, most importantly, learning from citizens' tales and experiences, into the event's narrative. The program began with the felicitation of honoured guest speaker Mr. Rajiv Gulati, Director of VSK Industries, shared a wealth of experience spanning over 41 years



*Mr. Rajiv Gulati, Director – VSK Industries delivering a talk to management students*

He shared his substantial 41-year experience with major pharmaceutical businesses such as Ranbaxy, Eli Lilly, MergerDomo, Netmeds, and Encube Ethics with our university students. His thoughts were not only applicable to global leadership but also resonated with the university's dedication to Viksit Bharat. The interactive session provided students with the opportunity to engage directly with the speaker, enhancing the learning experience. The event was concluded by Dr. Abhishek Dadhich, with a vote of thanks and expressed his gratitude on behalf of the DPSRU family, acknowledging the collective efforts that made the event successful. The symposium was coordinated by Dr. Jaseela Majeed and Dr. Abhishek Dadhich and graced by Dr. Ramesh K. Goyal, Vice Chancellor, and Dr. P.K. Sahoo, Registrar, DPSRU. The request for a collective photo when the event came to an end symbolized everyone's shared goal of supporting Viksit Bharat. The students will surely use the knowledge that was presented and shared at this event as a guide in their future undertakings.

### National Save Girl Child campaign from January 24 – 30, 2024

A campaign from 24th January 2024 to 30th January 2024 to celebrate National Save Girl Child Day on the theme "Invest in Girl's Rights: Our Leadership, Our well-being with an objective of raising awareness about the importance of girl child" was organized. The campaign was organized to support the Government's initiatives in saving girl children and to create awareness about menstrual hygiene among women and adolescent girls. Several activities were carried out, actively coordinated by faculty members Dr. Puneeta Ajmera, Dr. Jaseela Majeed, Dr. Sheetal Yadav, Dr. Abhishek Dadhich, Dr. J. Swaminathan, Ph.D. scholars, and students of the Department of Public Health and BBA (Healthcare).

On 24th January 2024, free sanitary napkins were distributed by the faculty members among class IV women employees of DPSRU. A health talk on menstrual hygiene was



*Management Faculty distributing Free Sanitary napkins to Female Housekeeping staff of DPSRU*

conducted by the students of MPH and BBA (Healthcare).

A Poster-making competition on the theme "Save Girl Child" was organized to celebrate the spirit of National Girl Child Day.

A health awareness drive focusing on Anaemia and Menstrual Hygiene was carried out at an Anganwadi centre in one of the adopted villages of DPSRU, Deoli on 26th January. Free sanitary napkins and multivitamin supplements were



*Public Health Faculty and students at Anganwadi Center of adopted Deoli Village of South Delhi for an Awareness Drive focusing on Anaemia and Menstrual Hygiene*



*Management faculty and students at Rural Medicare Center, Saket to deliver Health Talk*

distributed among the women. A health talk was conducted by the students. The talk also highlighted gender-based discrimination, behavioral restrictions for women, and myths related to menstruation. Adolescents were also sensitized about Government initiatives like Anaemia Mukt Bharat, Iron, and Folic acid provided by Anganwadis and ASHAs. IEC material on effective ways of menstrual pad disposal and Anaemia awareness were distributed among the adolescents.

On 30th January 2024, Students of BBA (Community Healthcare) and BBA (Healthcare) delivered insightful health talks on perinatal depression and Nukkad natak on Menstrual hygiene in Rural Medicare Centre Saket. Faculty members distributed Jan Aushadhi Suvridha Sanitary napkins and Jan Aushadhi supplements to around 100 women and young girls.

### **Budget 2024 Manthan: Panel Discussion on January 31, 2024**

The School of Allied Health Sciences and Management hosted a dynamic panel discussion, "Budget 2024: Manthan", just a day before Finance Minister Smt. Nirmala Sitharaman's interim budget address. The event brought together a distinguished panel comprising esteemed individuals, including the Hon. Vice Chancellor Dr. Ramesh K Goyal, Dr. V.K. Wadhwa, our Program Coordinator, Dr. Abhishek Dadhich & Dr. Jaseela Majeed, and faculty members from the School of Allied Health Sciences and Management (SAHSM), DPSRU and students from MBA programs and Masters in Public Health.

The event commenced with the panel boasting a diverse set of speakers, blending academic expertise with practical insights toward budget allocation. Dr. Ramesh K Goyal and V.K. Wadhwa brought their seasoned perspectives, complemented by the dynamic contributions of other esteemed faculty members and students. The heart of the discussion revolved around resource allocation in healthcare, a topic of paramount importance. Panelists explored potential areas that necessitate increased budgetary focus and deliberated on the formulation of new policies to meet contemporary healthcare needs. Engaging students from MBA programs and Masters in Public Health added a vibrant dimension to the discussion. The panelists, including both experienced professionals and emerging talents, made valuable contributions that enhanced the overall depth and breadth of the discussion. Their insights illuminated various facets of healthcare allocation, policy formulation, and the broader implications of Budget 2024. The diverse perspectives shared by the panelists and the enthusiastic participation of students created an environment conducive to meaningful dialogue, making the event both insightful and memorable. After the event, Prof. Ramesh K Goyal honored and felicitated Dr. V.K. Wadhwa for his invaluable guidance to the students and contributions to the field.

### **Workshop on Unlocking Career Opportunities: Strategies for Success in Pharmaceutical and Healthcare Industry Development of Youth for Viksit Bharat @2047 on March 19, 2024**

A one-day workshop on "Unlocking career opportunities: Strategies for success in pharmaceutical and healthcare industry" was organized to ignite a path to Viksit Bharat: Global Leadership with a Heart! A Vision for Viksit Bharat@2047 resonated with the spirit of a healthier, more prosperous India. Mr Vivek



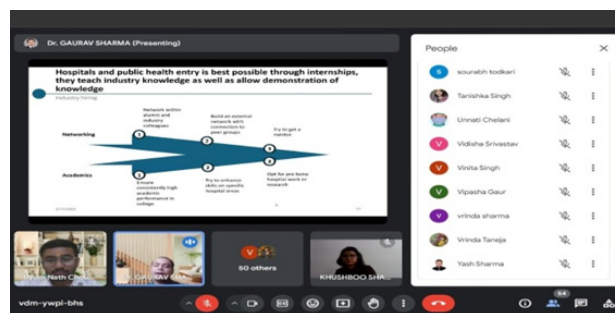
*Mr. Vivek Mishra, Founder & CEO – FibroHeal, along with management faculty and students*

Mishra, Founder & CEO of Fibroheal Wound Care, graced the occasion and shared with the participants his entrepreneurship journey. His Entrepreneurship journey and expertise seamlessly aligned with Viksit Bharat's goals, and ignited minds and hearts. During this insightful session, he shared valuable insights, industry trends, and practical tips to empower professionals looking to advance their careers in the pharmaceutical and healthcare sectors. Dr. Abhishek Dadhich, Dr. Jaseela Majeed, Dr. Rakhi Ahuja, Dr. Simmi Vashistha and Dr. Akash Midha expertly facilitated an interactive session, connecting students with the speaker's invaluable takeaways. Dr. Akash Midha's creative touch added a poetic dimension to the experience. From planning to execution, Student coordinators Byom Nath Choubey, Deepak Khari & Anshika Sharma very well coordinated this event. This workshop provided valuable insights and learnings.

## Workshop on “Career Opportunities and Skills in Consulting” on May 11, 2024

A one-day webinar on “Career Opportunities and Skills in Consulting” was organized by the School of Allied Health Sciences & Management, DPSRU. on May 11, 2024.

Dr Gaurav Sharma, Project Manager, Roland Berger Malaysia graced the webinar with his presence. He has embarked on his professional



*Dr. Gaurav Sharma, Project Manager – Roland Berger, Malaysia delivery online session for management students*

journey with a steadfast commitment to driving positive change in the healthcare sector, commencing as a Medical Officer at Indian Oil Corporation Limited. His career has since encompassed roles of increasing responsibility, including Deputy Medical Superintendent at Max Healthcare, Managerial positions at Apollo Health and Lifestyle Ltd, and an Associate Directorship at PwC India. Additionally, he has served as an Engagement Manager at Arthur D. Little. Dr Gaurav has shared valuable insights, enumerated industry trends, and practical tips to empower professionals looking to advance their careers in the hospital and healthcare sectors. He specially emphasized on how to build a career in consultancies, what is the work environment and what skills one should develop if she/he desires to work in consultancies. Dr. Abhishek Dadhich, Dr. Jaseela Majeed and Dr. Sheetal Yadav facilitated the informative and interactive session. The Student coordinators Byom Nath and Khushboo Sharma planned and executed this event. This workshop provided valuable insights and learnings for prospective candidates who are eager to sharpen their skills in consulting.

## Infrastructural Facilities:

The School of Allied Health Sciences and Management has IT enabled 06 classrooms, 01 Lecture Theatre (with the capacity of more than 60 students) and 04 Tutorial Rooms. There is also a dedicated Community Health Facility for the purpose of organising Health Camps, Awareness and Counselling sessions.

# Academy of Sports Sciences Research & Management

ASSRM adopts collaborative teaching methods to foster a strong academic community among staff and students. This approach encompasses academic development, research-based instruction, learning tools, and services. Our primary goal is to provide thorough, contemporary, and intellectually stimulating education. We strive to equip students with the knowledge needed for a highly employable, confident, and successful future.

The curriculum encompasses both theoretical and practical knowledge across various subjects. Students learn to apply these concepts in real-world scenarios. They gain proficiency in utilizing sports science instruments available in our Human Performance and Bio-mechanics Laboratories. This enables them to assess the motor abilities of sports individuals effectively.

## B.Sc. (Hon.) Sports Science

It is an undergraduate programme which provides theoretical concepts in respect of different sports science branches namely Exercise and Sport Physiology, Exercise and Sport Psychology, Exercise and Sport Bio-mechanics, and Sports Nutrition as well as Sports Medicine. In addition, management skills to serve across sports industries are also taught to them. Students also select minor



*Student Ayush Mawri got bronze in judo at khelo India event*



*Batch 2020-2023*

and major research projects and complete them and submit them for evaluation. Another attraction of the programme is the practical orientation in different games and sports. B.Sc. Sports Science (Hon.) undergraduate programme also provides managerial training to work in the sports sector. Another important feature of this programme is internship in an organization selected by the student depending upon his/ her interest.

### **M.Sc. Sports Science**

After completing B. Sc (Hon.) Sports Science an undergraduate programme in physical education and sports, students can pursue this programme. In addition to theoretical concepts in respect of different sports science disciplines students also get an opportunity to practically utilize that knowledge in solving different practical problems so that performance as a sports person can be enhanced. Students get in-depth knowledge in different critical sports science disciplines namely Exercise and Sports Physiology, Exercise and Sports Psychology, Exercise and Sports Biomechanics and Science of Sports Training. In addition, students also get familiar with knowledge from sports medicine sports sociology as well as kin-anthropometry. Besides the theoretical orientation of different subjects, students also write a thesis on a relevant topic chosen from different games and sports under the guidance of a thesis

supervisor. Another important feature of this programme is an internship in an organization selected by the student depending upon his/ her interest.

### **Ph.D. in Sports Science and Physical Education**

This course is open for graduates in sports science as well as Physical Education who have a research bent of mind and prepares them to work as experts in different branches of sports science. The duration of this programme is a minimum three years and the duration can be enhanced depending upon the rules of the university. Those who pursue this programme, have to first attend a Pre-Ph.D. course of one year (Two Semesters) and only after successful completion of the course they pursue their research work on a topic dually approved by the research committee. Extension beyond the above limit will be governed by relevant clauses as stipulated in the statute/ordinance of the university.

### **Faculty**

Dr. Arun Kumar Uppal	Senior Professor & Advisor Academics
Dr. Gagandeep Kaur	Assistant Professor
Ms. Sonia	Assistant Professor
Mr. Baljinder Singh	Assistant Professor
Ms. Amandeep Kaur	Assistant Professor

## Faculty Research Profile

ACADEMY OF SPORTS SCIENCES RESEARCH & MANAGEMENT	
<p><b>Name-: Dr. Gagandeep Kaur</b></p> <p><b>Research Area:</b> Physical Education and Allied Sports Sciences</p> <p><b>Research Achievement-:</b> Attended 7th National Sports Science Conference organized by PEFI (Physical Education Federation of India) dated 14<sup>th</sup> &amp; 15<sup>th</sup> December, 2023 at Pragati Maidan, New Delhi.</p>	
<p><b>Name-: Mrs. Sonia</b></p> <p><b>Research Area:</b> Physical Education and Allied Sports Sciences</p> <p><b>Research Achievement-:</b> Attended 7th National Sports Science Conference organized by PEFI (Physical Education Federation of India) dated 14<sup>th</sup> &amp; 15<sup>th</sup> December, 2023 at Pragati Maidan, New Delhi.</p>	
<p><b>Name-: Ms Amandeep Kaur</b></p> <p><b>Research Area:</b> Physical Education and Allied Sports Sciences</p> <p><b>Research Achievement-:</b> Attended 7th National Sports Science Conference organized by PEFI (Physical Education Federation of India) dated 14<sup>th</sup> &amp; 15<sup>th</sup> December, 2023 at Pragati Maidan, New Delhi.</p>	
<p><b>Name-: Mr. Baljinder Singh</b></p> <p><b>Research Area:</b> Physical Education and Allied Sports Sciences</p> <p><b>Research Achievement-:</b> Attended 7th National Sports Science Conference organized by PEFI (Physical Education Federation of India) dated 14<sup>th</sup> &amp; 15<sup>th</sup> December, 2023 at Pragati Maidan, New Delhi.</p>	

### Research Activities

Dr. Gagandeep Kaur: Published paper on "VO2 MAX OF MALE AND FEMALE SPORTS PERSON TRAINING IN [POLLUTED AND NON-POLLUTED ENVIRONMENTS: A COMPARATIVE STUDY in international journal of physical education, sports and health 2024. vol.11, issue4, part F

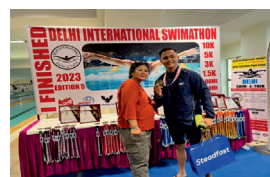
**Achievement:** Taken a lecture on "coping tips on stress management" as resource person

in GNDU University Amritsar, under UGC and MHRD sponsored online short course in stress management on 15/1/2023

Attended an Online Two-Week Refresher Course (Inter/Multi-Disciplinary) in Liberal Arts [All disciplines of Social Sciences, Creative Arts, Fine Arts, Film & Television Studies, Visual & Performing Arts, Physical Education etc.] conducted from 15.02.2024 to 28.02.2024 at the UGC- Malaviya Mission Teacher Training Centre, Guru Nanak Dev University, Amritsar.

## Student's Achievements

Mr Tanmay Badola of Batch 2022-25, from B.Sc. (H) Sports Science secured 1st position in India Endurance and Delhi Triathlon Swimming championship, dated 24th September, 2023 at Talkatora, SPM Pool complex, New Delhi.



Mr. Anshul Bisht of Batch 2023-26, from B.Sc. (H) Sports Science, secured 2nd position in the 4th National Arm Wrestling Championship, BCAI, dated June 6th to June 8th,, 2024, at Duliajan, ASSAM



Mr. Aryan Vijay Varnekar and Mr. Hiren Shagolsem, students of B.Sc. (H) Sports Science in batch 2022-25, have participated in the North East Zone Interuniversity Swimming (Men) Championship 2023-24, dated December 21st-23rd, 2023, held at Kalinga Institute of Social Sciences University, Bhubaneswar, Orissa.



Rahul Singh, student of B.Sc. (H) Sports Science in batch 2021-24, has been selected for UPSC Combined Defence Services (Indian Military Academy) on 3rd July, 2024. At Dehradun, training is underway.



Mr. Ankur, student of B.Sc. (H) Sports Science in batch 2021-24, secured 3rd position in Under-74 weight category Interuniversity Powerlifting, dated April 7th, 2024 at DTU (Delhi Technical University, New Delhi).



## Academic Activity

A Guest Lecture on “Modern Trends of Yoga” was conducted to create awareness and knowledge dispensed amongst the students about the right practices of yoga and breathing techniques for healthy life. The key speaker was Dr. Sunita Sharma, Kalindi College, Delhi University dated 7th June, 2024 at Sports SCIENCE Department, DPSRU

DPSRU Innovation and Incubation Foundation (DIIF) is a section 8 company promoted by Delhi Pharmaceutical Sciences and Research University (DPSRU) in New Delhi, India. DIIF focuses on fostering innovation, entrepreneurship, and technology transfer in pharmaceuticals and healthcare. DIIF serves as a platform for students, researchers, and professionals to develop innovative ideas into viable businesses. It supports start-ups and



Guest Lecture on “Modern Trends of Yoga” by Dr. Sunita Sharma

early-stage ventures in healthcare by offering resources, mentorship, networking, and funding opportunities. The foundation encourages collaboration between academia, industry, and the public sector, facilitating knowledge and technology exchange. Workshops, seminars, and training programs promote an entrepreneurial mindset among students and researchers. DIIF also assists with IP protection, market research, and commercialization strategies for innovative projects.

## Infrastructural Facilities

The infrastructure is always connected with quality and learning. Sports are a vital area of interest for our students, and our developing facilities offer them the facilities they need to establish their competencies. The Department of Sports Science (ASSRM) has three specializations B.Sc. (H) Sports Science and Ph.D. in sports and physical education.

### Facilities

The Department of Sports Sciences (DPSRU) boasts state-of-the-art infrastructure to facilitate teaching, research, and practical training in sports science.

1. Indoor Sports Complex with fitness studio.
2. Outdoor Sports Fields for Basketball and volleyball.
3. Fully equipped Gymnasium with cardiovascular and strength training equipment.

### Laboratories

1. Biomechanics Laboratory
2. Human Performance Laboratory with treadmills, ECG, and blood analysis equipment.
3. Computer Laboratory

## Technology and Software

1. Treadmill
2. Isokinetic Machine
3. Electromagnetic Machine
4. Timing Gates.
5. In Body Machine

## Research and Teaching Facilities

1. Lecture theaters and classrooms with multimedia capabilities.
2. Library and information resources (journals, Books).

## Student Support Facilities

1. Student recreation center and wellness programs.
2. Health and counseling services.
3. Medical facilities.

## Administrative Facilities

1. Departmental offices and meeting rooms.
2. Seminar rooms.
3. Staff and faculty offices.

## Other Facilities

1. Changing rooms for girls
2. locker facility for students

# DPSRU Innovation and Incubation Foundation (DIIF)

*By Prof. Harvinder Popli*

## DPSRU Innovation and Incubation Foundation - Prof Harvinder Popli & Ms Ruchi Singh Neekhra

DPSRU Innovation and Incubation Foundation (DIIF) is a section 8 company promoted by Delhi Pharmaceutical Sciences and Research University (DPSRU) in New Delhi, India. DIIF focuses on fostering innovation, entrepreneurship, and technology transfer in pharmaceuticals and healthcare. DIIF serves as a platform for students, researchers, and professionals to develop innovative ideas into viable businesses. It supports start-ups and early-stage ventures in healthcare by offering resources, mentorship, networking, and funding opportunities. The foundation encourages collaboration between academia, industry, and the public sector, facilitating knowledge and technology exchange. Workshops, seminars, and training programs promote an entrepreneurial mindset among students and researchers. DIIF also provides assistance with IP protection, market research, and commercialization strategies for innovative projects

### Key highlights:

- 33 start-ups mentored and supported
- BIRAC supported BioNest Incubator focused on Formulation and Validation.
- DTTE supported Incubation centre
- 55 lakhs worth seed fund support given to start-ups
- Industry sponsored research facilities
- 100+ events and workshops conducted
- 4 granted patents by Incubatee start-ups
- 14 products commercialized

- Start-ups have raised more than 10.5 Cr in grant in aid and equity
- 6.5cr Funding from BIRAC and DTTE for Incubation support
- 5 Preincubatee Student Startup teams supported and mentored
- Undergraduate BIRAC Eyuva fellowship to PreIncubatee student startup teams

### DIIF Initiatives for Students :

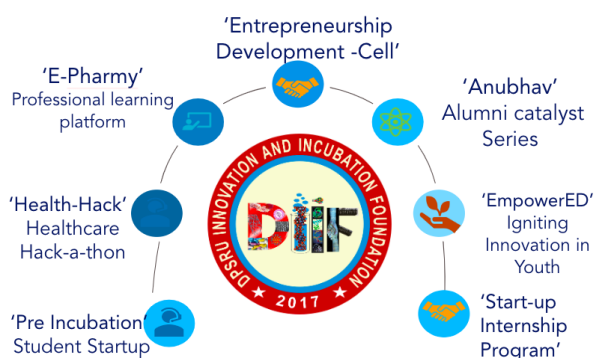
- Entrepreneurship Development Cell
- Dedicated Pre Incubation program for promoting Student startups
- Epharmacy : Professional Learning Platform
- Anubhav alumni Catalyst series
- Student Startup internship program
- Health Hack: Healthcare Hackathon series

**Facilities and Support to startups :** At DIIF , we offer a comprehensive range of facilities to support the growth and success of entrepreneurs and startups. Our physical incubation office space provides state-of-the-art infrastructure for teams to work, meet, and collaborate with like-minded innovators. Additionally, we offer technical advisory services, introducing entrepreneurs to validated service providers and industry experts who provide mentorship and guidance on investment and funding opportunities, including access to BIRAC funding and support for follow-on investments. Our ecosystem also facilitates networking opportunities, enabling interactions and relationships with a vibrant community of innovators and our management team, supporting entrepreneurs throughout the entire business life cycle.

The Bionest Centre at DIIF is a specialized research facility dedicated to pharmaceutical product development and testing, equipped with cutting-edge instruments and equipment. The centre provides a comprehensive range of services, from formulation development to quality control and testing, supporting innovators and startups in bringing their pharmaceutical products to market. For more information visit our website [www.diif.in](http://www.diif.in)



**Our Initiatives**



Sr.No	Event Name	Type	Date	Speaker(s)	Speakers affiliation
1	Mentor Session on Accelerating Growth Engine for Startup	Event	15/07/2023	Mr. Karan Jindal	India Lead, Content Marketing META
2	QbD WORKSHOP FOR PHARMACEUTICALS	Workshop	18/07/2023	Mr. Deepak Singh	Head R & D Sales (Gansons Ltd.)
3	IDEATHON BOOT CAMP FOR YOUNG INNOVATORS (UNLEASH YOUR CREATIVE POTENTIAL)	Workshop	26/07/2023	Mr. SHUBHAM MISHRA	MAHATMA GANDHI NATIONAL FELLOW
4	Tech Transfer IPR in Pharma	Workshop	04/08/2023	Ms. Sadhana Srivastava	Scientist G , ICMR Head, Intellectual Property Rights Unit, Innovation & Translational Research Division
5	10X Your Personal Brand on LinkedIn	Workshop	10/08/2023	Ms. Gehna Batra	LinkedIn Growth Expert Founder & CEO, Gehna Batra Ventures
6	Foundation Of Regulatory Affairs	Workshop	28/08/2023	Dr. Jitendra Badjatya	Senior Manager, Regulatory Affairs Emcure Pharmaceuticals Limited
7	NIPAM IPR AWARENESS PROGRAM	Workshop	15/09/2023	Ms. Namrata Gautam	Certified trainer for IPR, Dept. of Industrial policy and promotion, Ministry of Commerce & Industry, Govt. of India

Sr.No	Event Name	Type	Date	Speaker(s)	Speakers affiliation
8	Discovering new Horizon	Podcast Event	24/09/2023	(Mr. Karan Jindal)	(India Content Head, Meta)
9	Discovering new Horizon	Podcast Event	24/09/2023	(Ms. Taniya Dhirasaria)	( Founder & CEO, Zoe F&B Group)
10	Chintan Shivir 2023-24	Event	13/10/2023	(Dr. N. Kalaiselvi) (Dr. Sujata Chaklanobis) (Mr. Vipin Shukla) (Mr RP Arora) (Mr Hari Subramaniam)	(Secretary DSIR) (Advisor, Scientist) (Founder Wings Pharmaceuticals Ltd ) G DSIR) (Scientist-F, DSIR) (Founder Subramaniam & Associates)
11	Badlaav for global Impact	Workshop	13/10/2023	Mr Tarun Gupta, Mr Viswaroop Bhhatacharya, Mr Deepesh Rajpal	Founder Vaidya Rx, Partner Team Strategize, Founder Pharmalama
12	Local Startup Meet (LSM) IIT Kharagpur	Event	21/10/2023	Mr. Mayank Gupta, Mr Abhishek Negi, Mr Sandeep Indurkar, Mr. Mandeep Mehta, Mr. Vidya Bhusan Sinha	CFO Car Dekho, Co-founder Eggoz nutrition, CBO , Bharat Pay
13	Model United Nation	Event	04/1/2023 to 05/11/2023	-	-
14	GLOBAL BIO INDIA ROADSHOW	Event	22/11/2023	Dr Monica Sharma	-
15	Nurture the Art of questioning	Workshop	18/12/2023 to 19/12/2023	Mr. Raghav Sharma	Founder Skillonation Edtech
16	Healthcare Start up bootcamp	Workshop	21/01/24 to 23/1/24	Prof Harvinder Popli, Mr Shubham Singh , Ms Ruchi Singh Neekhra	MGN Fellow , IIM bangalore
17	Basics of Start-ups	Workshop	23/02/2024	Mr. Kartik Menon	Chartered Accountant
18	Basics of Company law	Workshop	23/03/2024	Mr. Kartik Menon	Chartered Accountant
19	BASICS OF PYTHON	Workshop	14/03/2024 to 15/03/2024	Mr. Saurabh Diwakar	R&D Head, Tech Atriocare Pvt. Ltd.
20	Personal Finance for youngsters	Workshop	30/4/2024	Ms. Shivani Gera	Personal Finance Content Creator
21	Persuasive communication in marketing	Workshop	30/4/2024	Ms. Raviesha Agarwal	TEDx Speaker, Communications Expert
22	30 hrs Hands on Training and Workshop Pharmaceutical Product Development	Hands on Training / Workshop	08/07/2024 to 11/07/2024	Ms. Ruchi Singh Neekhra	Program Lead, Innovation & Incubation DIIF
23	Impact of social media on mental health	Workshop	23/07/2024	(Ms. Aarshi Saini) (Ms. Deepali Dagar)	(Psychologist, Rehabilitation Counsellor, Visiting Faculty at Amity University) (Psychologist, Rehabilitation Counsellor)

# Centre for Precision Medicine and Pharmacy (DCPMP)

*By Prof. Geeta Aggarwal*

The Delhi Pharmaceutical Sciences & Research University, Delhi has established the DPSRU Centre for Precision Medicine and Pharmacy (DCPMP), the first Centre for Research and Training in Precision Medicine. This Centre is funded by the Delhi Knowledge Development Foundation (DKDF), DTTE, Govt. of NCT of Delhi. The specific aim of the centre is to establish the human and technical infrastructure to foster transdisciplinary national-scale research collaborations to focus on precision medicine and treatment modalities for Indian patients. It also aims to develop novel methods to integrate individual, contextual and genomic data to accurately identify precise groups at risk and being resistant to a specific medication. Currently, it is equipped with instruments such as Next Generation Sequencer, Real time - Polymerase Chain Reaction Analyzer, Polymerase Chain Reaction Analyzer, Gel Documentation system, Vertical and Horizontal gel electrophoresis system, Western blotting system, Deep freezer etc. The

centre also has cell culture facility. The centre is an integrated facility that brings together multidisciplinary expertise in a seamless patient centric manner.

## Objectives of the DCPMP

- State-of-the-art facility in biotechnology and genomics with focus on research in precision medicine for the development of affordable diagnostics and treatment of certain communicable diseases in the Indian context.
- To develop novel methods integrating individual, contextual and genomic data to identify the precise groups at risk and being resistant to a specific medication.
- To identify the variations in drug sensitivity for serious non-communicable diseases like cancer, diabetes, and cardio-metabolic disorders, and infectious disease through research leveraging genomic and phenotypic data.

## Activities of DCPMP

S. No.	Topic	Date	No. of Participants
01.	Hands on training on Polymerase Chain Reaction	31 March-3 April, 2023	15
02.	Hands on training on Polymerase Chain Reaction	11th – 12th May 2023	8
03.	Hands on training on Real Time PCR technology"	19th – 20 June,2023	11
04.	Hands on training on Real Time PCR technology"	3rd-4th August, 2023	15
05.	Expert Talk on Flow cytometry and its applications	16 <sup>th</sup> August, 2023	30

S. No.	Topic	Date	No.of Participants
06.	Hands on training on Real Time PCR technology"	31st August-1st September, 2023	15
07.	Hands on training on Fluorescence Microscope	20 <sup>th</sup> -21 <sup>st</sup> November, 2023	15
08.	Hands on training on Polymerase Chain Reaction	05 <sup>th</sup> December, 2023	20
09.	Expert Talk & Hands on training on Micropipeting techniques the prerequisite in good laboratory practice	05 <sup>th</sup> -06 <sup>th</sup> December, 2023	22
10.	Hands on training on Molecular Biology Instruments	18 <sup>th</sup> -19 <sup>th</sup> March 2024	20

### Some Glimpse of the Events



# Common Research and Technology Development Hubs (CRTDH)

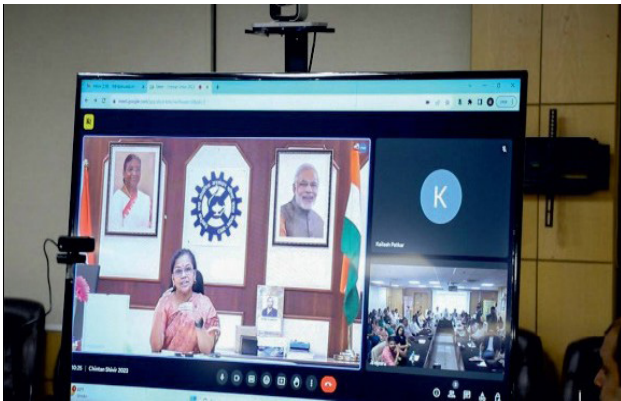


“Strategies for Taking Innovations to New Markets”  
 “Intellectual Property Strategies for Healthcare Start-ups”  
 “How Healthcare Startups Can Ensure Compliance”  
 “Investment Trends and Strategies”

**\*More than 10 Hands-on-Training were conducted in 2023-24 on IVIS Animal Imaging, Electro spinning, HPLC and Biodistribution studies.**

## Some Glimpse of the Event





# International Affairs and Industry Connect

*By Dr. Sushama Talegaonkar*

## Interactive session with Dignitaries of Teesside University, UK On October 9, 2023

The Office of Dean Research, Innovation, and International Affairs at Delhi Pharmaceutical Sciences and Research University (DPSRU) organized an interactive session aimed at fostering collaborative opportunities in the domains of research and innovation. This session served as a platform for productive dialogue between DPSRU and Teesside University, featuring distinguished personalities including Dr. Kevin Thomas, Associate Dean, International, School of health and life Sciences Dr. Simon Lynch, Associate Dean International, International Business School and Ms. Padmini Parameswaran, South Asia regional Director, who engaged in comprehensive discussions with DPSRU



*Interactive session with dignitaries of teesside university UK*

officials and faculty members. This interactive session marked a significant step towards robust collaborations between DPSRU and Teesside University, promising advancements in research, innovation, and academic excellence through international cooperation.

Delhi Pharmaceutical Sciences and Research University (DPSRU), Govt of NCT of Delhi, and Akums Drugs & Pharmaceuticals Limited (Akums), have embarked on a collaborative journey to research specific therapy gaps and introduce novel products for Indian patients. The memorandum of understanding (MoU) was signed by Dr Harvinder Popli, Registrar & Dean - DPSRU and Arushi Jain, Director, Akums. This industry-academia partnership will also enhance pharmaceutical education and research opportunities for DPSRU students. This collaboration was formalized in the presence of Sanjeev Jain, Joint Director, Akums, and the leadership team from DPSRU led by Dr RK Goyal, Vice-Chancellor, and Registrar; Dr Jasleena Majeed, Head of Department; Dr Sushma Talegaonkar, Associate Professor; and Ruchi Singh, Programme Lead.

## DPSRU, Akums ink MoU to research specific therapy gaps, introduce novel products for Indian patients

Delhi Pharmaceutical Sciences and Research University (DPSRU), Govt of NCT of Delhi, and Akums Drugs & Pharmaceuticals Limited (Akums), have embarked on a collaborative journey to research specific therapy gaps and introduce novel products for Indian patients. The memorandum of understanding (MoU) was signed by Dr Harvinder Popli, Registrar

& Dean - DPSRU and Arushi Jain, Director, Akums. This industry-academia partnership will also enhance pharmaceutical education and research opportunities for DPSRU students.

This collaboration was formalised in the presence of Sanjeev Jain, Joint Director, Akums, and the leadership team from DPSRU led by Dr RK Goyal, Vice-Chancellor, and Registrar; Dr Jasleena Majeed, Head of Department; Dr Sushma Talegaonkar, Associate Professor; and Ruchi Singh, Programme Lead.



*DPSRU-AKUMS Ink MoU signing ceremony*

## DPSRU organized Awareness for Life (AFL) sessions in association with Dr Reddy's Foundation for Health education on 29th and 30th November 2023.

In a commendable effort to enhance health awareness and promote holistic well-being, Dr. Reddy's Foundation for Health Education



*Awareness for life (AFL) session with Dr. Reddys Foundation in DPSRU*

conducted an "Awareness for Life" initiative in DPSRU. This impactful endeavor aimed to empower individuals with valuable insights into crucial aspects of health. As part of this initiative, two enlightening sessions were specially organized for the DPSRU community. The first session, held on the 29th

of November 2023 in Room 507 at DPSRU, delved into **“Exploring Nutrition and Digital Stress Management,”** featuring the esteemed speaker Dr. Shalini Kukreti. Dr. Shalini Kukreti as the esteemed speaker. Dr. Kukreti, a renowned expert in the field, led an engaging session that included practical workshops on crafting balanced diets and addressing the role of nutrition in stress management. Continuing the commitment to health education the second session, titled **“Freedom from Migraine,”** took place on the 30th of November 2023 on an online platform, where participants were addressed by the distinguished neurologist, Dr. Rajat Kapoor. Dr. Rajat Kapoor, a distinguished neurologist, served as the speaker, delivering comprehensive insights into migraine management.

Dr. Sushma Talegaonkar, Associate Dean of International Affairs, and Ms. Ruchi Singh Neekhra, Program Lead at DIIF, played pivotal roles as session coordinators. Mr. Nikunj Aggarwal and Mr. Sudhanshu Kumar served as dedicated student coordinators, ensuring the seamless execution of the events.

## Empowering Tomorrow, Bridging Today: Indo-Sweden Collaboration

### “MOU SIGNING CEREMONY”

As DPSRU and Mid Sweden University sign a bilateral agreement of collaboration

**NOVEMBER 25, 2023**

Delhi Pharmaceutical Sciences and Research University (DPSRU) and Mid Sweden University came together for a momentous occasion - the signing of a Memorandum of understanding (MOU), marking a new era of collaboration between the universities.

The **“Empowering Tomorrow, Bridging Today- Indo Sweden collaboration”** MOU

signing ceremony took place on November 25, 2023, at DPSRU, New Delhi, India.

Representatives of DPSRU and Mid Sweden University, along with distinguished guests, formed a collective force to sign a bilateral agreement of collaboration. The collaboration was dedicated to fostering educational and research partnerships among the universities. The event took place in the presence of Dr. (Dr.) Ramesh k. Goyal (Vice-Chancellor, DPSRU), Dr. (Dr.) Harvinder Popli (Registrar & Dean Research, Innovation and International Affairs, DPSRU), Dr. (Dr.) Koustuv Dalal (Faculty Board member, Mid Sweden University), Dr. Hans-Erik Nilsson (Deputy Vice-Chancellor, Mid Sweden University), Dr. Anna Olofsson (Pro Vice-Chancellor, Mid Sweden University) and Ms. Anna Lindahl (Director of International Relations Office, Mid Sweden University).



*Indo-Sweden Collaboration  
“MoU Signing Ceremony”*

# Extra Curricular Activities

By Prof. Richa H. Rai

## Cultural Programme during NAAC Visit July 20, 2023

On the occasion of the NAAC team inspection, the students of DPSRU depicted their talent and integrity by performing on different themes on the 20th of July 2023 evening. The program began with a melodious Ganesh Vandana by Raag Society followed by Saraswati Vandana as a fusion of our classical dance kathak and Bharatnatyam from Malang. To depict the beauty and culture of our nation next was the Tabla resonating with the rain performance from Raag. Fitoor the dramatic society presented a skit on how NEP is a dream policy which is advantageous for students and also highlighted how DPSRU had already initiated several steps in the direction. This was followed by the grand G20 theme dance including dances like Sufi, flamenco, ribbon, contemporary, Tamasha, Rajasthani and kathak Bharatnatyam and a fusion of all to add



the cherry to the cake. This was a collective effort of all students from Verve, Malang, and Paridrishya societies of DPSRU.

The students gave a heart throbbing performance which was appreciated by the dignitaries on and off the dias. Students participating in the cultural event include Arshita Chaudhary, Sejal Choudhary, Harkriti Gangwani and Udisha Singh from **VERVE** and Ayush Gupta, Chinmay Arora, Priyank Goyal, Manvi Goel, Gitanjali Singh, and Gauri captured the moments from **PARIDRISHYA** Society. **MALANG** and **RAAG** Shreya, Sanya Arora, Mohammad Sakeeb, Amrita Biswas, Vindhya, Tarushi, Akshita Gautam, Gauri Gandhali, Gurpreet Kaur, Teena Maurya, Anamika, Shweta Singh, Aanchal Haldwal, Tanisha Agarwal, Vanshika, Sneha Singh, Swidhi Jain, Niharika Nayan Jha, Himanshi Daksh, Ananya Goswami and Niharika Nayan Jha, Ronit Chokroborty and Mohini. **FITTOOR** List, Ajay Kumar, Titirsantra, Vishal Gupta, Gaurav Sharma, Ritik Roshan, Aashish, Anushka Sahni, Mehak Kapoor, Vipul Bajaj, Shubham Singh, Aarti Prakash, Shally, Drishti Jain, Muskan rai, Yash Thagela and Karan. Other than this all the societies also depicted an exhibition gallery including **AAKRITI** society, of all the Plethora of events conducted by their respective societies.



Glimpse of Cultural Events & Exhibition by DPSRU Cultural Societies during NAAC visit 20th July 2023

## Celebrating 75<sup>th</sup> years of Independence at DPSRU (DIPSAR) Commemoration of 'Azadi ka Amrit Mahotsav' and "Meri Mati Mera Desh Campaign" on August 15, 2023

On the occasion of the commemoration of 'Azadi ka Amrit Mahotsav' and "Meri Mati Mera Desh Campaign" aiming to pay tribute to our beloved Motherland and the courageous Veers who made the supreme sacrifice, **DPSRU celebrated Independence Day 2023 on the 15<sup>th</sup> of August 2023** where security personnel conducted the Honourable Vice Chancellor Prof Ramesh K Goyal to the saluting base where a troop presented general salute to the VC under the leadership of Mr. Krishan Kumar, Caretaker and EPABX Operator, DPSRU (Ex-Army). Honourable Vice Chancellor **hoisted the National flag**, followed by the salute and national anthem. The hoisting of the tricolour was synchronized with the National Anthem after which Honourable VC Sir delivered the customary address. Sir, welcomed guest for the occasion Dr Alok Kumar Mishra, Joint Secretary Association of Indian Universities, New Delhi, India, faculty members and staff, and their families and students present at the ceremony. He expressed his visionary thoughts and also appreciated the efforts of all students, faculty and staff for having given their best to bring laurels to the University and for achieving greater heights year after another in different capacity. He insisted on several initiatives as propounded by the Honourable Prime Minister under the Umbrella of **Ek Bharat Shreshtha Bharat**. He also communicated that despite all the challenges faced in the earlier years due to COVID, DPSRU has always grown, due to immense support of faculty and staff, by leaps and bounds. The event was graced by Dr. O.P. Shukla, Registrar DPSRU, and the revered Deans of the University Dr. Harvinder Popli and Dr. Rajiv K Tonk. The organizing committee members including Prof Rajiv K Tonk: Dean of Students' Welfare, Prof Richa



### PanchPran Pledge for Meri Mati Mera Desh Campaign

Hirendra Rai, Extra Curricular In-charge and other committee members, Dr. Swaminathan, Dr. Anoop Kumar, Dr. Vijender Kumar, Dr. Dalapathi Gugulothu, Dr. Ravinder Mudgil, Dr. Jitender Munjal, Dr. Varsha Chorsiya, Dr. Savita Tamaria, Dr. Preeti Jain, Mr. S.S. Mathur, Mr. Pankaj, Ms. Jyoti Baisla, Mr. Krishan Kumar and their team, Mr. Ashish and Mr. Jileदार were overwhelmed to hear word of appreciation from the Vice-chancellor. This was followed by the **PanchPran Pledge by holding the Mitti Diya** conducted by Dr Akash Midha and the event was concluded in his excellent poetic style depicting immense love and respect for the nation.

With the permission of the Honourable Vice Chancellor, this was followed by the cultural extravaganza of the day initiated by a mystical **Indian Kathak dance performance** Ganesh Vandana by Harkriti Gangwani, Somya Singh, and Chaitali Yadav. The Guest for the day, an excellent Orator, Dr Alok Kumar Mishra, shared his inspirational thoughts and this was followed by several performances from the audience where the wards of faculty/staff, Ms. Harshali and Ms. Lakshita d/o Dr. Mahaveer Dhobhi, Ms. Anshika and Master Sankalp Thakur w/o Dr. Ajit Thakur, Master Jayant and Master Jayash s/o Dr. Vijender Kumar, Ms. Gandharvika d/o Dr. Priti Jain, Ms. Raeka d/o Ms. Renu, Mr. Arush s/o Dr. Mukesh Nandave and the students of BPT Mr. Rohan Singh

and Ms. Sarvshreshtha Tiwari along with the other performers **filled the air with patriotic fervor with their self-composed poems, spell casting dances, melodious instrumental and Desh Bhakti Song performances.** Special performance setting a perfect example of community integration "Badho aur badhae chalo" performed by our young group of dancers, the brother duo: Mr. Ishu and Mr. Aaryan w/o Mrs. Preeti (from Physiotherapy OPD) and faculty wards Mr. Shriyaan s/o Dr. SapnaDhiman and Nivan s/o Dr. Ruchika was a heartfelt moment.

The entire ambiance was decorated with **Rangoli and flowers and mitti diyas** by the students of Bachelor in Physiotherapy Himanshi, Divyanshi Jha, Kashish Panchal, and the event's beautiful moments were captured by Paridrishya society representative Raja Hassan. The hosts including Komal, Umesh Sawant (MPT student), and BPT Students Harkriti Gangwani, Rishabh Dwivedy, Rohan Singh, and Aditya Kaushik were volunteers of the event from the School of Physiotherapy and others from NSS did a commendable job. The concluding note for reinforcing sense of unity and pride was delivered by Prof Richa H Rai, before the gathering was requested for a group photograph near the stage. Several photos were clicked with **soil/mittidiya in hand** and will be uploaded on the **NDLI website** as a dedicated event which was initiated by the

Librarian Mr Sengupta to ensure **janbhagidari** at student and faculty/staff level. The celebration could not have been concluded without the everlasting support of the office staff, Security personnel, horticulture, and housekeeping staff of DPSRU.

The event was a true homage to those who sacrificed their lives for our freedom and fostered a profound sense of love and respect for our Nation: Bharat.Vande Mataram.



*Students potraying for Meri Mati Mera Desh Campaign*



*Moments captured during Azadi Ka Amrit Mahotsav Celebration at DPSRU on 15th August 2023*

## Deepotsav Celebrations in DPSRU Board Room on November 10, 2023

On November 10, 2023, Delhi Pharmaceutical Sciences and Research University conducted Deepotsav - Diwali and Dhanteras Celebrations along with Maa Dhanvantari Puja on the University Campus. The day began with the Maa Dhanvantari Puja and Aarti on 4th Floor in the Ayurveda Department of DPSRU Building, in front of Maa Dhanvantari Murti, with all university faculty members in attendance along with some students. Pleasantries were exchanged and the day began as everyone sought blessings of Maa Dhanvantari on the pious occasion of Dhanteras.



*Lighting of Diyas in DPSRU Campus*



*Deepotsav Celebration in DPSRU Board Room*

The program then moved to the Board Room where the celebration continued as all faculty members moved from the 4<sup>th</sup> Floor to attend the Deepotsav Celebrations in Board Room. Students demonstrated great zeal and organized the program by arranging various fun activities, games and competitions for the teachers. The program began with Introduction

followed by Lamp Lighting and Address by Registrar Prof. Harvinder Popli and Hon'ble Vice Chancellor Prof. Ramesh K. Goyal. It was followed by the commencement of the games which was hosted by Student Coordinator Ankit Monga. Teachers collaborated and tuned to the same music enjoyed the games and the fun and frolic planned by the students. Many of the faculty had come ethnically dressed and amongst them the students chose Dr. Ramesh K. Goyal, Hon'ble Vice Chancellor as the Winner of Best Ethnic Attire (Male) and Dr. Amrita Mishra as the Winner of Best Ethnic Attire (Female). Also, the faculty performed extempore by presenting poetry and songs, and also whistling to the tune of songs and shayari. It was a truly mesmerizing moment as everyone in the room enjoyed themselves and interacted with openness and candor with all students and with each other, for a celebration like no other.

The event concluded by paying homage to the motherland as everyone rose for the National Anthem followed by a group photograph. Everyone present then moved to the Student Section for another auspicious ceremony: the Lighting of the Diyas. All members, starting with Hon'ble Vice Chancellor Prof. Ramesh K. Goyal and Registrar Prof. Harvinder Popli, lighted Diyas and celebrated Dhanteras after a morning full of blessings, revelry, and fun. Faculty, students, and staff all lighted Diyas with Candles. All faculty members could not stop commending the amazing work done by the students including Ankit Monga, Gauri Gandhali, Sarthak Pandey, Shagun Azad, Ambika and Gitanjali.

## 75<sup>th</sup> Republic Day celebration on January 26, 2024

The 75<sup>th</sup> Republic Day was celebrated in DPSRU campus to mark the day when the Constitution of India came into effect, to offer



*Faculty & Staff of DPSRU at Flag Mast with Hon'ble V.C. & Esteemed Registrar DPSRU*

gratitude towards the soldiers on the borders and as a tribute towards the freedom fighters who helped India gain independence after an extensive struggle. After the unfurling of the Indian National Flag by the Honourable Vice Chancellor Prof. Ramesh K. Goyal at the saluting base, a troop presented general salute to the VC under the leadership of security In-charge Sh. Krishan Kumar (Ex-serviceman).

Hon'ble VC heralded the event by his inspirational and patriotic orate also expressing the achievements of DPSRU University in the past year and his vision to collaborate Viksit Bharat Theme with that of the goals of the university at present and in the upcoming year. The event was adorned by Prof. P.K. Sahoo Registrar DPSRU and Deans and Directors of DPSRU and DIPSAR.

The cultural performances on the event of Republic Day were heralded by the extraordinary expression of thoughts by the students of VERVE Society and Dr Akash Midha faculty of DPSRU, followed by the beautiful dance performance and patriotic songs by MALANG and RAAG Societies. Harshali d/o Dr Mahaveer danced and depicted the impressive cultural talent and patriotism in our faculty and their families. The photographs taken by

the Paridrishya society from DPSRU reinforce the memories as we go through them. The team members of Aakriti Society decorated the surroundings with colourful flowers, rangoli and paper craft. All dispersed in high spirits after a group photograph, celebrating the occasion & enjoying the flavours of the boondi ladoos. The event was organised by Prof Rajiv K Tonk and Prof Richa H Rai along with members of DPSRU Student council Deepak Khari President, Sarvshreshtha Tiwari General Secretary and Gagan Vice President, Mr. Krishan Kumar Caretaker and Security incharge helped meticulously in organising the event.

## **DPSRU Library Book Exhibition**

Libraries organize in-house Book Exhibitions in order to bring the faculty and students closer to the latest publications of the Publishing Houses from time to time. Faculty members are able to inspect the Books and recommend Books for the Library collection. This year, DPSRU Library organized a two-day book exhibition on 01 & 02 February 2024 at the Library premises with the kind permission of the then Hon'ble Vice Chancellor, DPSRU, Prof Ramesh Goyal, and the Registrar, Dr P K Sahoo.

The following publishers displayed their newly released Books at the exhibition:

1. M/s CBS Publishers, Daryaganj, New Delhi
2. M/s B S Shah Publishers, Ahmedabad, Gujarat
3. M/s New Age Publishers, New Delhi.

The book exhibition was well attended on both days. Dr Ramesh Goyal, Hon'ble Vice Chancellor graced the event. Senior Faculty members including Prof Deepti Pandita, Dr. Gaurav Jain, FoIC Library, Dr Sheetal Kalra, HoD Physiotherapy attended the event. Faculty from the School of Physiotherapy visited the exhibition in large numbers and looked at the Books on offer. M/s CBS Publishers displayed their new Physiotherapy collection "PhysioBrid" during the exhibition. M/s New Age International displayed their new Pharmacy collection based on the PCI-approved syllabus.

The event also provided a unique opportunity for "Publisher-Author" interaction. Senior faculty members from the School of Physiotherapy, DPSRU who are getting their book published from the renowned publisher M/s CBS used the opportunity to connect with the team from **M/s CBS. To sum up, the event proved to be useful for all - the faculty members, research scholars and the students.**

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*Library Book Exhibition at DPSRU*

# Students Scholarships

By Dr. Sahil Kumar & Dr. Sachin Kumar

DPSRU is a State University of Govt. of NCT of Delhi (GNCTD) and DIPSAR is a constituent Institute of DPSRU. DPSRU students are provided with scholarships from GNCTD through e-district portal, Central Govt. through National Scholarship Portal (NSP) and from AICTE and other Govt. funding agencies like UGC, ICMR, DST-INSPIRE, DST, DBT, CSIR, NFST etc.

**Procedure:** Eligible students have to apply through online as per the procedure and timeline mentioned in the advertisement from the agency. Students should submit the request letter to the Scholarship In-charge DPSRU/DIPSAR with the copy of the application and other necessary documents along with bank details copy. Application will be verified from DPSRU/DIPSAR through funding agency e-portal, if any discrepancy is there, students will be informed to rectify it and re upload the necessary documents. Funding Agency will disburse the scholarship to the students through Direct Benefit Transfer (DBT).

## GNCTD scholarships available to DPSRU students

### 1. Merit Scholarship for SC/ST/OBC Students, GNCTD

GNCTD provides maintenance allowance and other benefits to complete their higher studies to the students who belong to the underprivileged class. The applicants must be the domiciles of Delhi and belong to SC/ST/OBC category; must be pursuing UG/PG courses and have scored at least 60% marks in the previous academic exam; annual family income must not exceed INR 3 Lakh (in case of OBC).

For further details visit official website i.e., [www.scstwelfare.delhigovt.nic.in](http://www.scstwelfare.delhigovt.nic.in).

### 2. Post Matric Scholarship scheme for SC

Department for the Welfare of SC/ST/OBC/Min implements centrally sponsored scholarship to the student belonging to SC category whose

parents/ guardian's income from all sources does not exceed Rs. 2.5 Lakh per annum. The scholarship includes maintenance allowance, reimbursement of non-refundable fee, etc.

For further details visit official website i.e., [www.scstwelfare.delhigovt.nic.in](http://www.scstwelfare.delhigovt.nic.in).

### 3. Post Matric Scholarship for OBC

Department for the Welfare of SC/ST/OBC/Min implements centrally sponsored scholarship to the student belonging to OBC category whose parents/ guardian's income from all sources does not exceed Rs. 2.5 Lakh per annum. The scholarship includes academic allowance and tuition fee.

For further details visit official website i.e., [www.scstwelfare.delhigovt.nic.in](http://www.scstwelfare.delhigovt.nic.in).

### 4. Merit-cum-Means Linked Financial Assistance Scheme, GNCTD

GNCTD provides financial assistance to students irrespective of their caste, creed, economic background, or gender to enhance access to high quality higher education for meritorious economically disadvantaged sections of the society. GNCTD will fully or partially reimburse the tuition fee paid by the students depending on their family income.

## Central Govt. Scholarships through National Scholarship Portal

### 1. Post-Matric Scholarship Schemes CS:

Scholarship will be awarded to the students who have secured not less than 60% marks or equivalent grade in the previous final examination and the annual income of whose parents/guardians from all sources does not exceed Rs.3.00 lakh to Minorities [Muslims, Sikhs, Christians,

Buddhists, Jain and Zoroastrians (Parsis)] students.

2. Merit-cum-means Scholarship for professional and technical courses CS: Scholarship will be awarded to the students who have taken admission in technical/professional courses at UG/PG level; must have

secured not less than 50% marks or equivalent grade in the previous final examination and the annual income of whose parents/guardians from all sources does not exceed Rs.2.50 lakh.

3. "Financial Support to the Students of N.E.R for Higher Professional Courses" (NEC Merit Scholarship)

The North East Region students undergoing studies in different disciplines at different levels in Institutions recognized by the government are eligible to apply through NSP.

**Note:** Also, there are other schemes provided by different ministries through NSP. For detailed information and eligibility criteria students can visit <https://scholarships.gov.in/>.

## UGC scholarships available to DPSRU students

### 1. National Scholarship For Post Graduate Studies

This scholarship is available for the students for the first PG degree programme only which leads to specified PG degrees notified by UGC from time to time.

### 2. PG-GPAT Scholarship

Scholarship is awarded to GPAT qualified students admitted to M. Pharmacy (AICTE approved) branches of DIPSAR & SPS of DPSRU @Rs. 12,400/- per month for 24 Months.

## AICTE scholarships available to DIPSAR students

### 1. Prime Minister's Special Scholarship Scheme – PMSSS

AICTE offer B. Pharmacy seats to J&K and Ladakh students at DIPSAR under DPSRU and offers Rs. 1,00,000/- as Maintenance allowance and academic.

## Students benefited from the various scholarships (2023-24)

S. No.	Name of Scheme	Department	Applied	Received
1	Post Matric Scholarship Scheme for SC	E-District	33	Application under process
2	Post Matric Scholarship for OBC	E-District	31	Application under process
3	Merit Scholarship to SC/ST/OBC students of college/professional institutes	E-District	53	Application under process
4	Merit Scholarship for students belonging to minority studying in professional/ Technical college.Institutes/ Universities	E-District	0	Application under process
5	Dr. B.R. Ambedkar State Toppers Award for Students belonging to SC/ST/ OBC Category	E-District	3	Application under process
6	AICTE-Saksham scholarship scheme for specially abled student (Technical Degree)	AICTE on NSP	2	1

S. No.	Name of Scheme	Department	Applied	Received
7	AICTE-Saksham scholarship scheme for specially abled student (Technical Diploma)	AICTE on NSP	0	0
8	AICTE – Pragati Scholarship Scheme For Girl students (Technical Degree)	AICTE on NSP	7	7
9	AICTE – Pragati Scholarship Scheme For Girl students (Technical Diploma)	AICTE on NSP	0	0
10	GPAT Scholarship for PG students First Year	UGC on Canara Bank	43	42
11	GPAT Scholarship for PG students Second Year	AICTE	51	51
12	Prime Minister Spacial Scholarship Scheme for J &K Students (PMSSS) for Degree	AICTE	5	3
13	AICTE -National Doctoral Fellowship (NDF) for Ph.D	AICTE	0	0
14	AICTE- QIP Scholarship for Ph.D	AICTE	2	2
15	Merit-cum-means scholarship for professional and technical courses CS	NSP	0	0
16	Post Matric Scholarship For Students With Disabilities	NSP	3	3
17	Post Matric Scholarship Schemes Minorities CS	NSP	0	0
18	Centrally Sponsored Scheme Of Post Matric Scholarship For ST Student-Ladakh	NSP	0	0
19	Centrally Sponsored Scheme Of Post Matric Scholarship For SC Student for Jammu & Kashmir	NSP	1	0
20	Prime Minister Spacial Scholarship Scheme for central Armed Police formed and Assam rifles	NSP	3	1
21	Central Sector Scheme of Scholarship for College and University Students	NSP	4	2
22	PG Scholarship Scheme for SC ST Students for persuing professional courses	NSP	0	0
23	Umbrella Scheme for education of ST Children-Post Matric Scholarship (PMS) for ST students Arunachal Pradesh	NSP	0	0
24	NATIONAL SCHOLARSHIP FOR POST GRADUATE STUDIES	UGC on NSP	31	0
		<b>Total</b>	<b>272</b>	<b>112</b>



**Delhi Pharmaceutical Sciences and Research University**

(Established Under Act 07 of 2008, Govt. of NCT of Delhi)

The 1st Pharmacy University of India



Feels Pride & Congratulates

**32** GPAT 2024  
Qualifiers



All India Rank

**36**



Shivam Kumar



Mehak Kanojia



Kajal



Priyanka Singh Rathore



Mayank Pal

TOP  
800



Maulika Arora



Himanshu Sarcen



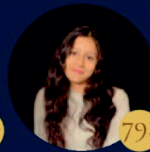
Abhishek Wahi



Parinshita Gupta



Kanika



Janvi Gupta



Swati

TOP  
1500



Himanshi Aggarwal



Jugnu



Siddharth



Neha Anil



Bhanu



Ankit Malhotra



Nikicha P Sibi

TOP  
2500



Vanshaj Rishi



Rohit Rathore



Gagan Mallah



Vidhi Rani



Indu Kaushik



Priyanshu Hari

TOP  
5500



Yash



Prerna



Sudha Yadav



Mahwish Reyaz



Sinigdha



Raj Singh



Shweta

Students of DPSRU bringing pride to our University!

# Placement Report 2023-24

*Prof. Deepti Pandita & Dr. Akash Midha*

DPSRU Training & Placement Cell is persistently dedicated to offering the best opportunities for its students, providing them with unparalleled exposure and a thriving growth platform. The placement cell strives to secure positions for as many students as possible with reputable organizations while also providing diverse job opportunities, including self-employment. To achieve this, the university actively offers skill-building courses and maintains regular communication with industry experts to ensure that students' knowledge and proficiency align with the latest commercial and corporate standards. This strategy has significantly boosted student competency, driven by the university's student-centered culture, robust corporate engagement, rigorous academic program, and research-focused curriculum.

The enhanced value proposition has boosted recruiters' confidence in DPSRU, leading to students from various courses securing roles in top national and international companies. In the academic session 2023-24, DPSRU maintained its strong momentum by forming alliances with top multinational firms like Aspect Ratio, WNS, AdametNext, Xogene, Macleods, Inizio Health, ZS, Cheors, Red Health, and ICICI Lombard.

The university's Placement Cell is dedicated to offering students valuable opportunities and exposure, ensuring the best prospects for their careers. Final-year students are well-prepared for their upcoming professional journeys through training activities such as career planning, industrial tours, campus placements, and entrepreneurial growth.

Since the placement season began at the end of the first year for PG students, companies like Red Health and ICICI Lombard came for campus hiring, offering packages between 5 and 12 lacs. Due to the placement team's continued efforts, ZS associates also participated, offering a 12 lacs package.

Furthermore, the DPSRU Placement Cell ensures equal opportunities for students by organizing workshops and seminars and by providing guidance and advice for succeeding in final placement rounds.

A recent LinkedIn session hosted by the institution provided valuable guidance on creating compelling profiles, boosting employability, and securing complimentary premium subscriptions.

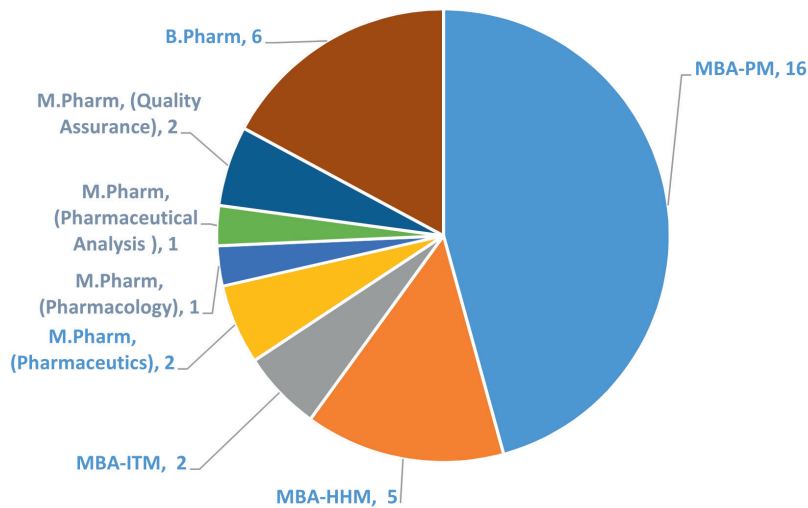
## Recent Placements

S. No.	NAME	COURSE	COMPANY	DESIGNATION
1	JAYA SINHA	MBA-PM (Pharmaceutical Management)	ASPECT RATIO	Analyst
2	ADITI	MBA-PM (Pharmaceutical Management)		Analyst
3	SUDHANSHU MISHRA	MBA-PM (Pharmaceutical Management)	ADAMET NEXT	Associate Business Analyst
4	VIBHA SHARMA	MBA-PM (Pharmaceutical Management)		Associate Business Analyst
5	SAKSHI KASANA	MBA-PM (Pharmaceutical Management)		Associate Business Analyst
6	VAIBHAV SADANA	M.Pharm (Pharmaceutics)	XOGENE	CTT Analyst
7	PRANAV GUPTA	M.Pharm (Quality Assurance)		CTT Analyst
8	MEDHA JHA	MBA-PM (Pharmaceutical Management)	MACLEODS	Management Trainee
9	SHUBHANGI RAI	MBA-PM (Pharmaceutical Management)		Management Trainee
10	SAURABH CHOUDHARY	M.Pharm (Pharmaceutics)	WNS	Trainee Analyst
11	YASH PRAHSANT KOTHARI	M.Pharm (Quality Assurance)		Trainee Analyst
12	MARIYAM RIZVI	MBA-PM (Pharmaceutical Management)		Trainee Analyst
13	FALGUNI SHARMA	MBA-HHM (Healthcare & Hospital Management)	RED HEALTH	Management Trainee
14	ABDUL MUIZ	MBA-HHM (Healthcare & Hospital Management)		Management Trainee
15	AISHWARYA CHAND	MBA-HHM (Healthcare & Hospital Management)		Management Trainee
16	UBAID ALAM	MBA-PM (Pharmaceutical Management)	ICICI LOMBARD	IL Sahayak
17	NAVNEET SINGH	MBA-HHM (Healthcare & Hospital Management)		IL Sahayak
18	NITIN SINGH	MBA-HHM (Healthcare & Hospital Management)		IL Sahayak
19	AGRAJA DWIVEDI	M.Pharm (Pharmacology)	CHEORS	Associate Analyst
20	SAIKAT SASMAL	M.Pharm (Pharmaceutical Analysis)		Associate Analyst

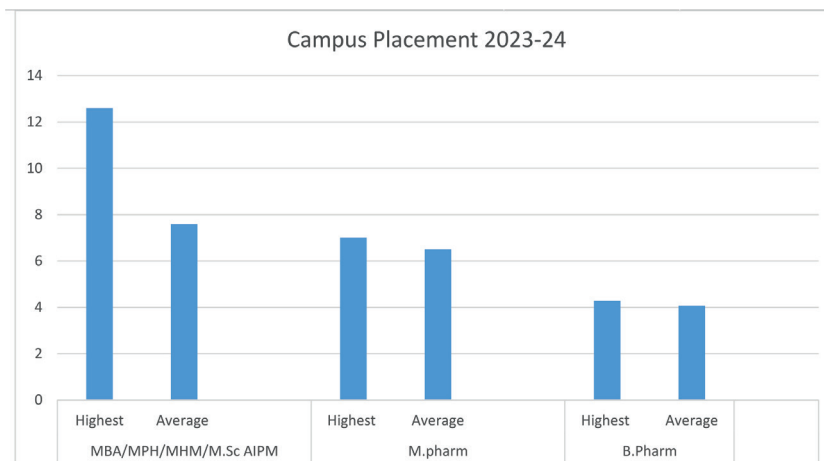
S. No.	NAME	COURSE	COMPANY	DESIGNATION
21	AYUSH RAGHAV	MBA-PM (Pharmaceutical Management)	INIZIO HEALTH	Healthcare data intake specialist
22	SAUMYA	MBA-PM (Pharmaceutical Management)		Healthcare data intake specialist
23	AKSHAY SACHDEVA	MBA-PM (Pharmaceutical Management)	IQVIA	Analyst
24	KANISHK SHARMA	MBA-PM (Pharmaceutical Management)		Analyst
25	VINEETA GUPTA	MBA-PM (Pharmaceutical Management)		Analyst
26	VIPASHA GAUR	MBA-PM (Pharmaceutical Management)		Analyst
27	PIYUSH	MBA-ITM (International Trade Management)		Analyst
28	NUPUR JOSHI	MBA-ITM (International Trade Management)	ZS ASSOCIATES	KNOWLEDGE MANAGEMENT ASSOCIATE
29	Riya Nagpal	B.Pharm		Management Trainee- Supply Chain Department
30	Akshay Pandey	B.Pharm	WINGS PHARMACEUTICAL	Health & Care Management Trainee- Marketing
31	Raju Kumar	B.Pharm		Management Trainee- Supply Chain Department
32	Mittali Dhar	B.Pharm	Sanjivani	Pre- Sales Consultant
33	Swati Singh	B.Pharm		Pre- Sales Consultant
34	Raj Singh	B.Pharm		Pre- Sales Consultant

Department	Highest Package ( in LPA)	Average Package (in LPA)
MBA/MPH/MHM/M.Sc AIPM	12.6	7.6
M.PHARM.	7.0	6.5
B.PHARM.	4.28	4.075

# Our Key Recruiters 2023-24



Department	Highest Package (in LPA)	Average Package (in LPA)
MBA/MPH/MHM/M.Sc AIPM	12.6	7.6
M.PHARM.	7.0	6.5
B.PHARM.	4.28	4.075



# 6<sup>th</sup> Annual Convocation

*By Dr. Surajpal Verma*

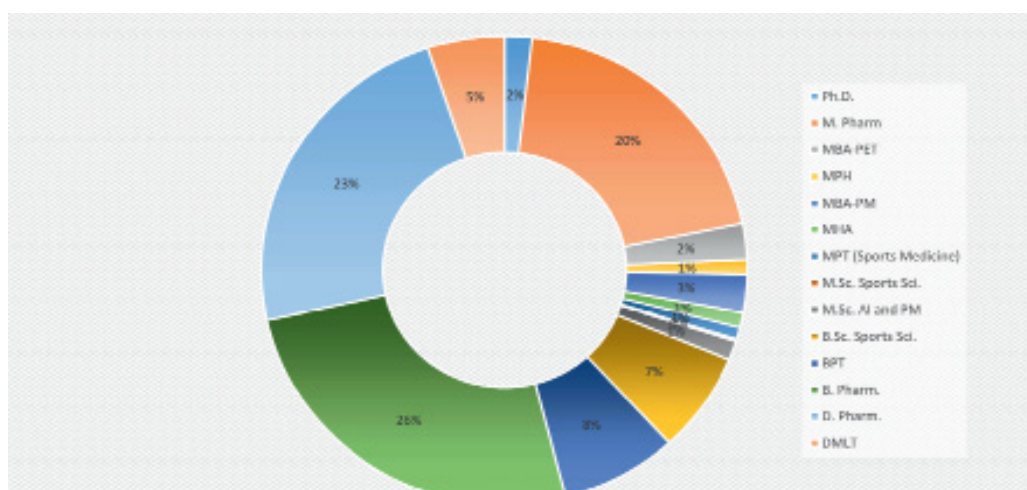
DPSR University hosted its 6th Annual Convocation Ceremony on Friday, December 22, 2023. Hon'ble Chancellor Shri Vinai Saxena, Lt. Governor, Govt. of NCT of Delhi graced the ceremony with his presence. While Dr. Nirmal K. Ganguly, Padma Bhushan Awardee & former Director General of ICMR, graced the ceremony as the Chief Guest, while Ms. Atishi Marlena, Hon'ble Minister of Education, GNCTD, adorned the event as the Guest of Honour. Also in attendance were the Board of Governors, Hon'ble Vice Chancellor, Registrar, Dean, and faculty members apart from graduating students and their parents. Total 605 students received their respective degrees and diploma in Pharmaceuticals, Allied Health Sciences and Management.

The efforts and achievements of exceptional students in academics were recognized and rewarded. The Convocation Ceremony started with the Academic Procession moving towards the auditorium and rendition of the university song followed by Invocation and lamp lighting by the dignitaries. The dignitaries on the dais were felicitated and the Convocation was subsequently declared open by the Hon'ble Chancellor. Dean Academics, Dr. Geeta Aggarwal read the Grace and presented the students to the honourable Chancellor, Vice-Chancellor, and the members of GC and BoG,

to admit them for the Degree and diploma. The register of graduates was presented by the Registrar to the Hon'ble Chancellor for his signatures.

The function continued with the welcome speech and presentation of recent major accomplishments of the university by the honourable Vice Chancellor, Dr. Ramesh K. Goyal. Expressing joy at the university's active involvement in the G20 celebrations, the Vice Chancellor highlighted DPSRU's commitment to global engagement and participation in various events related to the G20 agenda. The University showcased 23 programmes, including emerging centres of excellence and innovative initiatives such as the DKDF Centre for Precision Medicine and eco-friendly setups for a plastic-free campus.

In her address, Ms. Atishi Marlena, Delhi Education Minister, underscored the importance of holistic development. Emphasising that investment in education is crucial for propelling the country forward, she articulated a vision where education serves as a cornerstone for comprehensive growth and progress. She shared that Delhi Pharmaceutical Sciences and Research University (DPSRU) is the first university of pharmacy, a big deal in education. She stressed how crucial education is, calling it the most important investment.



In his address as the Chief Guest at the Convocation of Nirmal K. Ganguly, he emphasised the significance of a truthful approach to life. He urged the graduating students to imbibe this quality, highlighting its importance in shaping their lives and contributing to their personal and professional growth. He motivated the graduating students, stressing that their journey has just begun and urging them to navigate challenges in their professional lives.





Following the convocation address, the Vice-Chancellor then introduced the Hon'ble Chancellor, who then delivered his Presidential address. In his address, Delhi Lieutenant Governor Vinay Kumar Saxena said that he was glad that the first & only Pharma University of India, has been taking a lead in implementation of New Education Policy (NEP)-2020. Pharma universities like DPSRU have the onerous responsibility of fostering basic as well as high-end research in partnership with pharma industry & the government. Later, the meritorious students were awarded the gold medals by dignitaries on stage, as follows:

1. **The Sitaram Jindal Award:** Mr. Namish Manchanda and Mr. Jatin, for obtaining the highest marks in B. Pharm and BPT respectively.
2. **The Vice Chancellor Award:** Ms. Chanchal Sharma, for obtaining the highest marks in in B. Sc. Sports Sciences.
3. **The Vijayin Alniche Award:** Ms. Lubna Ansari for obtaining the highest marks in M. Pharm all Disciplines.
4. **The Dr. S.K. Gupta Award:** Ms. Priyanka Chaudhary for obtaining highest marks in M. Pharm (Clinical Research).
5. **The B.D. Miglani Award:** Ms. Varsha Basist for obtaining highest marks in M. Pharm (Hospital Pharmacy).
6. **The Aimil Pharmaceuticals Award:** Ms. Drishti Maheshwari for obtaining the highest marks in M. Pharm (Pharmacognosy and Phytochemistry).
7. **The Soshil Kumar Jain, Panacea Biotec Award:** Ms. Muntaha Javid for obtaining highest marks in M. Pharm. (Biotechnology).
8. **The Rajesh Chand Arora Aagya Biotech Award:** Ms. Suman Kumari for obtaining highest marks and M.Pharm. (Pharmacology).
9. **The Sneha Prabha Nemi Chand Jain Award:** Ms. Lubna Ansari, for obtaining highest marks in M.Pharm. (Pharmaceutics/ Cosmeceutics/ Quality Assurance/ Industrial Pharmacy).
10. **The Rajshri Ajay Pankaj Parashar Award:** Ms. Prachi Pallavi for obtaining highest marks M.Pharm. (DRA).
11. **The Dr. S.S. Agarwal Award:** Mr. Vineet for obtaining the highest marks in D. Pharm.
12. **The M.G. George Muthoot Awards:** Ms. Isha Aggarwal, Ms. Vaishali Sharma and Ms. Navya, for obtaining highest marks in MBA-PM/PET, MHA and MPH respectively.
13. **The LG Trophy:** Mr. Namish Manchanda in B. Pharm for overall performance in academics, extracurricular and co-curricular activities.
14. **The Dr. S.S. Agarwal Trophy:** Ms. Deepanshi in B. Pharm for overall performance in academics, extracurricular and co-curricular activities
15. **The Jwalat Alniche Award:** Ekosight Technologies Pvt. Ltd., a start-up company of the DPSRU Innovation and Incubation Foundation, for developing an outstanding innovative healthcare product..

Towards the end, the Registrar proposed a vote of thanks. After the stirring rendition of the National Anthem by all present, the Convocation was declared dissolved by Honourable Chancellor. Eventually, the Academic Procession left the auditorium and marked the end of the sixth convocation ceremony.

Ph.D. Awarded during 6<sup>th</sup> Convocation

Sr. No.	Enrollment No.	Name	Specialization	Degree Awarded	Photo
1	<b>11/Ph.D/ DPSRU/2018</b>	Anita Kumari	(Pharmaceutical Sciences)	22.12.2023	
2	<b>27/Ph.D/ DPSRU/2018</b>	Bhumika Kumar	(Pharmaceutical Sciences)	22.12.2023	
3	<b>02/Ph.D/ DPSRU/2018</b>	Himanshu Kushwah	(Pharmaceutical Sciences)	22.12.2023	
4	<b>16/Ph.D/ DPSRU/2018</b>	Lovika Mittal	(Pharmaceutical Sciences)	22.12.2023	
5	<b>37/Ph.D/ DPSRU/2019</b>	Meenu Grover Sharma	(Management)	22.12.2023	
6	<b>17/Ph.D/ DPSRU/2018</b>	Mitul Srivastava	(Pharmaceutical Sciences)	22.12.2023	
7	<b>31/Ph.D/ DPSRU/2018</b>	Neha	(Pharmaceutical Sciences)	22.12.2023	

Sr. No.	Enrollment No.	Name	Specialization	Degree Awarded	Photo
8	<b>01/Ph.D/ DPSRU/2016</b>	Prateek Sharma	(Pharmaceutical Sciences)	22.12.2023	
9	<b>23/Ph.D/ DPSRU/2018</b>	Rakhi Ahuja	(Management)	22.12.2023	
10	<b>36/Ph.D/ DPSRU/2019</b>	Shilpa Jain	(Physiotherapy)	22.12.2023	
11	<b>32/Ph.D/ DPSRU/2018</b>	Shweta Paroha	(Pharmaceutical Sciences)	22.12.2023	

## University Toppers-2023



**CHANCHAL SHARMA**  
B. SC. SPORTS SCIENCES



**NAMISH MANCHANDA**  
B.PHARM (SPS)



**DIVYA TREHAN**  
B.PHARM (DIPSAR)



**PRIYA MISHRA**  
DIPLOMA IN MEDICAL LAB  
TECHNOLOGY



**JATIN**  
BACHELOR OF  
PHYSIOTHERAPY



**VINEET**  
D.PHARM



**ABHIJIT UPADHYAY**  
M. SC. SPORTS SCIENCE



**AFSHA PARVEEN**  
MASTER OF PHYSIOTHERAPY  
(SPORTS MEDICINE)



**TARANDEEP KAUR**  
COSMECEUTICS  
M.PHARM



**MUNTAHA JAVID**  
PHARMACEUTICAL  
BIOTECHNOLOGY M.PHARM



**ISHA AGGARWAL**  
MBA-PHARMACEUTICAL  
MANAGEMENT



**NAVYA**  
MASTER IN PUBLIC HEALTH



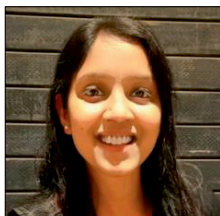
**VAISHALI SHARMA**  
MASTER IN HOSPITAL  
ADMINISTRATION



**MOHD PARVEZ**  
M.SC. AIMM



**ALISHA SACHDEVA**  
PHARMACEUTICS  
M.PHARM



**VARSHA BASIST**  
HOSPITAL PHARMACY



**SRISHITI**  
PHARMACEUTICAL ANALYSIS  
M.PHARM



**SUMAN KUMARI**  
PHARMACOLOGY  
M.PHARM



**SHILPI SAXENA**  
INDUSTRIAL PHARMACY  
M.PHARM



**LUNA ANSARI**  
PHARMACEUTICAL QUALITY  
ASSURANCE M.PHARM



**SANSKRITI SAHU**  
MBA-PHARMA ECONOMICS  
TRADE



**PRIYANKA CHAUDHARY**  
CLINICAL RESEARCH  
M.PHARM



**RAKHI**  
PHARMACEUTICAL  
CHEMISTRY M.PHARM



**PRACHI PALLAVI**  
DRUG REGULATORY AFFAIRS  
M.PHARM



**DRISHTI MAHESHWARI**  
PHARMACOGNOSY  
M.PHARM



**NAVYA**  
MASTER IN PUBLIC HEALTH (M.P.H.)

# DIPSAR-DPSRU Alumni Forum

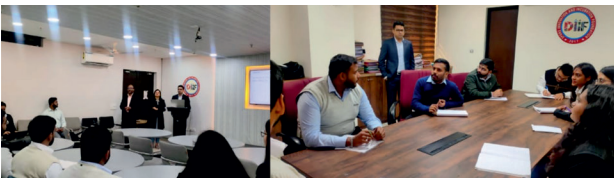
Interaction of various Alumni and Alumni Visits during 2023-2024

By Prof. Sharad R. Wakode

Alumni Mr. Nitin Jain, Area Sales Manager, Meril, visited DPSRU. Interacted with students, gave them inputs of pharma marketing on **24 January 2023**.



Mr Viren, Founder Adametnext (2008) & Akhilesh (2018) Visited DPSRU & interacted with students. participated in Panel discussion "To invest in people, priorities education" on **25 January 2023**.



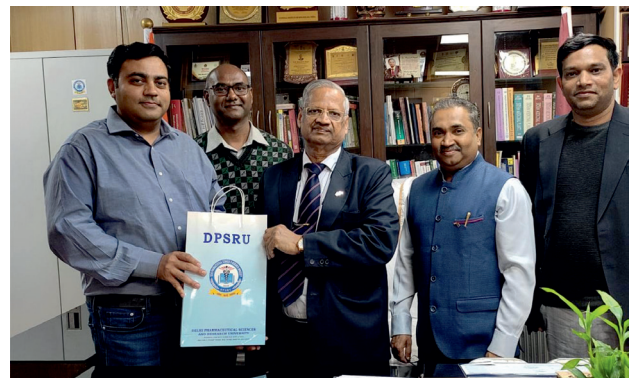
Our Alumni Dr Himanshu (2001 batch, now US based) visited DPSRU on 20 February 2023 & interacted with VC sir & faculty members!



Mr. Jatin, our alumnus owner of EBM Health, interacted with faculty and students, conducted campus interview and gave offer to our student on 10th February 2023. Thanks to Placement Team, DPSRU.



Dr Manish Diwan (our alumni) Head strategy, BIRAC, DBT participated as Chief Guest for Health Hackathon and addressed delegates, students at DPSRU on **20 February 2023**.



Alumni Dr Balaji (2002' B Pharm) Postdoctoral Fellow at Radboud University Netherlands visited & interacted with students & faculty of DPSRU on **14 March 2023**.

Our Alumni, Mr Sharabh Sharma, Manager, National Medicinal Plant board, Min. of Ayush visited DPSRU, on **2 May 2023**.

Sh. Laxmi Narayan Bansal ji, owner of Manufacturing Plant Noida, DIPSAR (COP's first batch -1975 B. Pharm pass out). He interacted with VC, Registrar, faculty members and students on **8 May 2023**.

Our Alumni Dr. K.L.Krishna, Dr. Amit Khurana, Dr Yogish, Dr Sathish, Dr Sumitra met Dr. Ramesh Goyal, Hon VC DPSRU and faculty members at IPS, Mysore on **22 February 2023**.



DAF welcomes Prof. RK Goyal, Hon VC DPSRU, our Alumni Dr Manish Diwan, Mr. Rajiv Duggal, Ms Aprajita, Prof. Harvinder Popli, Director, SPS, Mr Sanjay Gupta, (Catalyst) other guests Ms Puja Kaul, Prof. PK Sahoo, Director DIPSAR and all faculty members of DPSRU University on **2 June 2023**.

Mr Rajiv Gulati, President, DPSRU Alumni Forum, a guiding force for DAF, attended the Academic council meeting at DPSRU University on **19 July 2023**.



NAAC visit & Alumni Interaction: senior alumni like Mr Anil.Kumar Sharma, (VP, Amil Pharma), Sh. S.L.Nasa ( Ex president, Delhi state Pharmacy council), Dr Jaiprakash (Sr. Scientific officer, IPC, Gaziabad), Dr Sarika Madan (Scientist E, DSIR), Dr Manish Diwan (Head, BIRAC), Mr Chabra ( Ex Arbro official), Dr Kriti Soni( Global Head, Vaidya's), Mr Mohinder Sood (CMD, Ailex Pharmaceuticals), Mr Pankaj Bector (Head procurement, NCDC, DGHS), Mr Sunit Sethi (DI), Mr Divyanshu Kapoor (Zonal Head, PayTm) and many more alumni visited DPSRU, interacted with NAAC team and students-faculty of DPSRU, **20 July 2023**.

Our Alumni, Prof Sanjay Garg, University of South Australia visited DPSRU on **8 October 2023**.

Our Alumni, Mr. Vikram (IQVIA) & Ms Jaspreet (Head, QC, Mankind) visited DPSRU, Interacted with Hon. VC, registrar & faculty members of DPSRU on **9 October 2023**.

Our Alumni Ms. Yashika Singh (Social media Marketing expert) delivered a talk in DIIF's – Anubhav Program on **9 October 2023**.



Alumni participated in Chintan Shivir. Our distinguished Alumni Sh R.P. Arora, Ms Bharti Khanna, Mr Vikrant Pratap Singh, Mr Rajiv Duggal attended the event in DPSRU on 13 October 2023.

### Alumni Meeting on 22nd December 2023



Mr. Wakloo, Mr Jain, Mr. Chabra, Dr. Tarun Madan and Other Alumni attended

### Few other glimpses:



# News and Media Coverage

By Shankar Sengupta

**दिल्ली/एनसीआर**

**विद्ययालय में युवाओं को मूल्य आधारित शिक्षा प्रदान की जाती है: बंडारू दत्तात्रेय**

एन सी आर के अध्यक्ष बंडारू दत्तात्रेय ने दिल्ली विश्वविद्यालय में युवाओं को मूल्य आधारित शिक्षा प्रदान की जाती है, बंडारू दत्तात्रेय ने कहा है।

**आचार्य कुप्पम ने कहा, पंचक में कोई शुभ काम नहीं किया जा सकता**

आचार्य कुप्पम ने कहा, पंचक में कोई शुभ काम नहीं किया जा सकता।

**दिल्ली की कॉलोनी में बीवी-बीच कूड़े का मिनी पहाड़**

दिल्ली की कॉलोनी में बीवी-बीच कूड़े का मिनी पहाड़।

**दिल्ली में रविवार सप्ताह ठंडा दिन फिर लागू**

दिल्ली में रविवार सप्ताह ठंडा दिन फिर लागू।

## प्रोफेसर रमेश गोयल कुलपति के कुशल मार्गदर्शन में यूनिवर्सिटी प्रतिनिधियों हेतु भारत-बांग्लादेश सीमा यात्रा को किया प्रायोजित



● आजादी का अमृत महोत्सव के तहत यात्रा में कुल 48 छात्रों, शिक्षण और गैर-शिक्षण कर्मचारियों ने भाग लिया

नई दिल्ली। दिल्ली फार्मास्यूटिकल साइंसेज एंड रिसर्च यूनिवर्सिटी ने आजादी का अमृत महोत्सव समारोह के तहत भारत-बांग्लादेश सीमा यात्रा को प्रायोजित किया है। यह यात्रा 8 जनवरी से 12 जनवरी 2024 के बीच निर्धारित की गई है। इस यात्रा में कुल 48 छात्रों, शिक्षण और गैर-शिक्षण कर्मचारियों ने भाग लिया।

यूनिवर्सिटी के कुलपति प्रो. रमेश गोयल ने यात्रा के दौरान कहा कि यह यात्रा भारत-बांग्लादेश सीमा के बारे में जागरूकता बढ़ाने और दोस्ती को बढ़ावा देने के लिए है।

बाद गुप ने भारत और बांग्लादेश के बीच फेसिंग क्षेत्र का दौरा किया। छात्रों और कर्मचारियों को पता चला कि अधिकांश बांग्लादेशी चिकित्सा सुविधाओं के लिए आते हैं इस सीमा के माध्यम से भारत में। डीपीएसआरयू के छात्रों को पता चला कि वे भी एक महत्वपूर्ण भूमिका निभा सकते हैं फार्मासिस्ट, चिकित्सा प्रयोगशाला तकनीशियन, स्वास्थ्य प्रबंधन टीम के सदस्यों और अनुसंधान के रूप में इन क्षेत्रों में वैज्ञानिक, टेलीमेडिसिन के माध्यम से बांग्लादेशियों को गतिविधियों को कम किया जा सकता है जैसा कि समूह के एक सदस्य द्वारा सुझाया गया है। डीपीएसआरयू के छात्रों ने प्रतिष्ठित विक्टोरिया मेमोरियल, भारतीय संग्रहालय, बिड़ला का भी दौरा किया कोलकाता में तारामंडल, प्रिंसेप घाट और कालीघाट मंदिर।

**दिल्ली/एनसीआर**

**विद्ययालय में युवाओं को मूल्य आधारित शिक्षा प्रदान की जाती है: बंडारू दत्तात्रेय**

एन सी आर के अध्यक्ष बंडारू दत्तात्रेय ने दिल्ली विश्वविद्यालय में युवाओं को मूल्य आधारित शिक्षा प्रदान की जाती है, बंडारू दत्तात्रेय ने कहा है।

**आचार्य कुप्पम ने कहा, पंचक में कोई शुभ काम नहीं किया जा सकता**

आचार्य कुप्पम ने कहा, पंचक में कोई शुभ काम नहीं किया जा सकता।

**दिल्ली की कॉलोनी में बीवी-बीच कूड़े का मिनी पहाड़**

दिल्ली की कॉलोनी में बीवी-बीच कूड़े का मिनी पहाड़।

**दिल्ली में रविवार सप्ताह ठंडा दिन फिर लागू**

दिल्ली में रविवार सप्ताह ठंडा दिन फिर लागू।

**दिल्ली: महानगर: महोत्सव**

**‘विकसित भारत के गोल को पाने में भी फार्मा सेक्टर का बड़ा रोल’**

गुजरात विस्तर। दिल्ली। गण विस्तर। महानगर। पंचमी। बा। शाहन बा।

दिल्ली फार्मास्यूटिकल साइंसेज एंड रिसर्च यूनिवर्सिटी (DPSRU) ने आजादी का अमृत महोत्सव के तहत भारत-बांग्लादेश सीमा यात्रा को प्रायोजित किया है।



DPSRU University hosted its 6th Annual Convocation Ceremony in the presence of its Chancellor Vinay Kumar Saxena, Lt Governor, Govt of Delhi, Prof Nirmal K. Ganguly former Director General of ICMR was the Chief Guest.

**Appointment**

**Mahesh Verma assigned add. charge of VC of DPSRU**

The Vice Chancellor of The Vice Chancellor Singh Guru Gobind University, Indraprastha University, Padma Shri Prof. (Dr.) Mahesh Verma, has been assigned the additional charge of the Vice Chancellor of Delhi Pharmaceutical Sciences & Research University (DPSRU). Verma is also Professor Emeritus, Maulana Azad Institute of Dental Sciences, New Delhi. He is the President of International Association of Dental Research (India) and member of Dental Research, World Dental Federation, Geneva, Switzerland. He is also recipient of Dr. B. C. Roy Award in the field of medicine.

# List Of Contributors

Section/ Chapter	Name Of The Faculty/ Official Members
Message for Pharmannual 2022-23 Distinguished Authorities (with Quotes and Photo)	<ul style="list-style-type: none"> <li>▪ Prof. P.K. Sahoo</li> <li>▪ Mr. Pankaj Kumar</li> <li>▪ Ms. Joyti</li> </ul>
Editorial	<ul style="list-style-type: none"> <li>▪ Prof. P.K. Sahoo</li> </ul>
<ul style="list-style-type: none"> <li>▪ Departmental Information</li> <li>▪ Infrastructure and Facilities</li> <li>▪ IT Infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Saurabh Dahiya</li> <li>▪ Dr. Beauty Behera</li> </ul>
<ul style="list-style-type: none"> <li>▪ Revised Vision 2047 Plans</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Prabodh C. Sharma</li> <li>▪ Dr. Surajpal Verma</li> </ul>
<ul style="list-style-type: none"> <li>▪ Details of Faculty &amp; Staff</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Gaurav Jain</li> <li>▪ Dr. Devesh Tewari</li> </ul>
<ul style="list-style-type: none"> <li>▪ Library</li> <li>▪ News and Media Coverage</li> </ul>	<ul style="list-style-type: none"> <li>▪ Mr. Shankar Sengupta</li> <li>▪ Ms. Yogita Ahuja</li> </ul>
<ul style="list-style-type: none"> <li>▪ Publications, Patents, Books, Chapters</li> <li>▪ Research Area of Faculty with H-index and Citations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Mukesh Nandave</li> <li>▪ Dr. Priti Jain</li> <li>▪ Dr. Akash Midha</li> </ul>
<ul style="list-style-type: none"> <li>▪ International Affairs and Industry Networking</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Sushama Talegaonkar</li> </ul>
<ul style="list-style-type: none"> <li>▪ PG &amp; PhD Program</li> <li>▪ Admission to Placement Analysis</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prof. Deepti Pnadita</li> <li>▪ Dr. Akash Midha</li> </ul>
<ul style="list-style-type: none"> <li>▪ DPSRU Scholarship Section</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Sahil Kumar</li> <li>▪ Dr. Sachin</li> </ul>
<ul style="list-style-type: none"> <li>▪ Academic Pride/ GPAT – 2023/ Topper</li> <li>▪ Students of all courses of DPSRU</li> <li>▪ Examination Analysis</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Minakshi Garg</li> <li>▪ Dr. Mahaveer Dhobi</li> <li>▪ Dr. Ramamachander Khatri</li> </ul>
<ul style="list-style-type: none"> <li>▪ Student Affairs</li> <li>▪ Highlights of Students Achievements</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Saurabh Dahiya</li> <li>▪ Dr. Jitender Munjal</li> </ul>
<ul style="list-style-type: none"> <li>▪ DIPSAR Alumni Forum (DAF) and Distinguished Alumni (with Quotes and photo) Extracurricular Activities &amp; Cultural Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prof. Sharad. R. Wakode</li> </ul>
<ul style="list-style-type: none"> <li>▪ Extracurricular Activities &amp; Cultural Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prof. Richa H. Rai</li> </ul>
<ul style="list-style-type: none"> <li>▪ Internal Quality Assurance Cell (IQAC)</li> <li>▪ Affiliations, Ranking and Recognitions</li> <li>▪ Awards &amp; Achievements</li> <li>▪ Conferences, Seminar &amp; Workshops</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prof. S. R. Wakode</li> <li>▪ Dr. Arya Laxmi</li> <li>▪ Dr. Gunjan Sharma</li> </ul>
<ul style="list-style-type: none"> <li>▪ DIIF</li> </ul>	<ul style="list-style-type: none"> <li>▪ Prof. Harvinder Popli</li> <li>▪ Dr. Bharti Mangla</li> </ul>
<ul style="list-style-type: none"> <li>▪ School of Allied Health Sciences</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Abhishek Dadhich</li> <li>▪ Dr. Puneeta Ajmera</li> </ul>
<ul style="list-style-type: none"> <li>▪ School of Physiotherapy</li> <li>▪ ASSRM</li> <li>▪ Yoga &amp; Fitness Centre</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. Sheetal Kalra</li> <li>▪ Dr. Gagandeep Kaur</li> </ul>

# Student Design and Editing Team Pharmannual 2023-24



**Palka Mittal**

PhD Health Science



**Niharika Jha**

MPT (Pediatrics), SOP



**Sanya Kundra**

MPT (Pediatrics), SOP



**Bhanu Pratap**

Academics



**Anjali Singh**

Academics







## दिपसरु - कुलगीत

भेषज विज्ञान के कल्पतरु हे दिपसरु,  
भारत भेषज के वैभव हे विपदहरु,  
भेषजीय विज्ञान अभिज्ञान भेषजगुण विज्ञान दिपसरु।  
स्नातक परास्नातक वारिधि के गुरुकुल हे विषम हरु॥ भेषज...  
भेषज गुण औषधीय वृक्ष, विज्ञान के संगम हे दिपसरु,  
हे दिपसरु महान तुम्हारी जय हो जय जय जय हो॥१॥ भेषज...

ज्ञान भारती मातु शारदे, ईशु नानक धनवंतरी हो।  
भेषज के इस विद्यापीठ को अपना मंगला शिक्षा दे दो॥ भेषज...  
बहे निरंतर दिग दिगंतर, ज्ञान की धारा, ये यश पूरित कर दो।  
इस परिसर में तकनीकी ज्ञान को विश्व पलक पर रख दो॥ भेषज...  
सुजान प्रदान कर दो, बने विमल मति आस यह पूरी कर दो,  
हे दिपसरु महान तुम्हारी जय हो जय जय जय हो॥२॥

प्रोफेसर (डॉक्टर) श्रीधर द्विवेदी





## Academic Units of DPSRU



## Industry - Institute Promotion Ecosystem



## Centre of Excellence



**DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY**  
(Established under Act 07 of 2008, Govt. of NCT of Delhi)

Mehrauli-Badarpur Road, Pushp Vihar Sector 3, New Delhi 110017