





0 SB

PHARMANUAL 2022-23

दिल्ली भेषज विज्ञान एवं अनुसंधान विश्वविद्यालय DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY

THURBERTHER

AUTHORITIES OF THE UNIVERSITY

General Council



Sh. Vinai K. Saxena Chairman & Chancellor



Prof. C. R. Babu



Dr. Shridhar Dwivedi



Dr. Rajeev Singh Raghuvanshi



Goyal



Sh. Pankaj Ramanbhai Patel



Dr. Shridhar Dwivedi Chairman



Prof. Arun K. Dr. Rajesh Agarwal

Jain





Board of Governors



Prof. Viswamohan Katoch



IAS





IAS

Dr. A. C. Verma Ms. Alice Vaz R Prof. P. K. Sahoo Dr. O. P. Shukla IAS

Dr. Saroj

Aggarwal

Dr. Shilpa Jain



Academic Council





Prof. Ramesh K. Goyal, Chairman



Dr. Rajiv Gulati



Prof. P. K. Sahoo Prof. Geeta



Prof. Harvinder Dr. Jaseela Majeed



Prof. Richa Rai Prof. Ajay Sharma Dr. R. C. Khatri



Prof. Rajiv Tonk

Singh

Prof. Sharad Wakode



Dr. O. P. Shukla

Prof. Surender









Ms. Alice Vaz R Prof. P. K. Sahoo

Prof. Geeta

Aggarwal

Upadhyay



Finance Commitee



IAS

Prof. Viswamohan

Katoch









Sh. Ranjeet Kumar



Ms. Alice Vaz R IAS

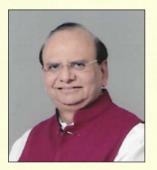


Dr. O. P. Shukla





राज निवास दिल्ली~१९००५४ RAJ NIWAS DELHI-110054



विनय कुमार सक्सेना उपराज्यपाल Vinai Kumar Saxena Lt. Governor

MESSAGE

D.O. No.: RN/2023/545 Dated: 6/09/2023

I am happy to know that the Delhi Pharmaceutical Sciences and Research University (DPSRU) is bringing out its Annual Report for the year 2022-23.

It is commendable that being the first and only Pharma University in India, the DPSRU is striving for quality education with development of state-of-the art facilities, in collaboration with various central/govt. agencies like DBT, DST, CSIR, AYUSH and DSIR, etc.

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

(Vinai Kumar Saxena)







<u>MESSAGE</u>

It gives me immense pleasure and pride to pen a few lines regarding the progress charted by Delhi Pharmaceutical Sciences and Research University (DPSRU) in 2022-23. DPSRU as we know is the first pharmacy University in India and third in the established world after Nanjing University and University in china. University has taken several measures to provide an excellent milieu for the students and faculty both in academics and extracurricular arena.

I understand DPSRU organized a one week program "Hardin Harghar Ayurveda" on the theme "Ayurveda for Happy and Healthy Life of Senior Citizens" to promote Ayurveda which is now recognized as a holistic therapy for the emerging health problems of the country. The series of events organized by DPSR University included the contribution of Ayurveda in dealing with the management of chronic lifestyle related diseases with a special focus on the elderly. An all India IASTAM annual conference was held at University giving fillip to research incentives to younger faculty interested in this area. DPSRU is also forging links with All India Institute of Ayurveda, New Delhi to promote research in Ancient Knowledge System. A herbal garden is also coming up for creating interests in herbal medicine among our students.

I believe that the University is trying its level best to keep pace with emerging disciplines in pharmaceutical sciences like biotechnology, nanotechnology, industrial pharmacy, regulatory pharmacology and clinical research. I am sure DPSRU students will enjoy a rich learning experience, good research environment, and valuable guidance by renowned faculty and support from various national and international fora and pharmaceutical industry. I wish very best to DPSR University in its future endeavours.

water Dieinedi

Professor (Dr.) Shridhar Dwivedi MD, PhD, FAMS, FRCP (U.K.), FIACS (Canada) Sanskrit Language Diploma (CS University) Senior Consultant Cardiologist Head, Academics, National Heart Institute Chairman, Board of Governors, DPSRU

49-50, Community Centre, East of Kallash, New Delhi - 110065, (India) Phones : +91-11-46600700, 46606600, 26414075, 26414157 Fax : +91-11-26428372 Toll Free No. : 1800 572 6600 E-mail : contact@nhi.in Website : www.nationatienatinstitute.com Unit of All India Heart Foundation (WHO) Collaborative Centre in Preventive Cardiology

Ш

नरेश कुमार, भा.प्र.से. NARESH KUMAR, I.A.S



मुख्य सचिव राष्ट्रीय राजधानी क्षेत्र, दिल्ली सरकार Chief Secretary Government of NCT of Delhi



MESSAGE

I am happy to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) is publishing Pharmannual 2022-23.

DPSR University is the first pharmacy University in India and third in the world in the field of healthcare and allied health sciences. In addition to pharmacy courses for new drug discovery and innovations started programs in diagnostics, health services and management at the society level, added new Skill development courses in Medicine Management and many others like B.Sc. (Hons) Biomedical Science, MPT in Cardiovascular and Pulmonary, Sports Medicine and Paediatrics.

It is a matter of pride that it has started "Precision Medicine Centre", a first of kind facility in a pharmacy institution in India. I am sure with this and DSIR supported CRTDH (Centre for Advanced Formulation and Technology), the University will attain a unique position in the country with respect to pharmaceutical sciences.

I assure that Delhi Pharmaceutical Sciences and Research University will continue to focus in the field of pharmaceutical and healthcare sciences.

My best wishes to the university in the future endeavour.

(Naresh Kumar) Chief Secretary, GNCTD

दिल्ली सचिवालय, आई.पी.एस्टेट, नई दिल्ली-110002, फोन : 011-23392100, 011-23392101, फैक्स : 011-23392102

DELHI SECRETARIAT, I.P. ESTATE, NEW DELHI-110002, Tel. : 011-23392100, 011-23392101 Fax : 011-23392102 E-mail : csdelhi@nic.in

R. Alice Vaz, IAS Secretary





राष्ट्रीय राजघानी 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 2023/73

दिनांक : Date : 08.08.2023

MESSAGE

I am very happy to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) has brought out - Pharmannual 2022-23" reflecting overall performance of the University.

The University has a glorious standing of 8 years and continues to evolve as the most reputed Pharmacy University in India having the best instrumental facilities. The University has an excellent infrastructure with a sophisticated and ambient research atmosphere, international standards, and highly qualified and dedicated faculty and staff, who are committed to providing an outstanding educational experience to the students.

The University has developed active collaborations and tie-ups with various G20 countries like U.K. (Drug Regulation Affairs), USA (Covid-19 Genomic and Formulation Studies), Sweden (Women Health Management), Russia (Regeneration for Diabetic Foot Ulcer), Thailand (Nano formulations), Philippines (Physiotherapy), Malaysia (Covid-19 induced problems in women), Canada (Lung Cancer Diagnostic Panel Development).

I wish the DPSR University shall continue its achievements and I assure this University will be academically fruitful and pleasant in future endeavour.

(R. Alice Vaz)

ARVIND KEJRIWAL



A BA
MA
सत्यमेव जयते

GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI DELHI SECRETARIAT, I.P. ESTATE, NEW DELHI-110002 PHONE - 23392020, 23392030 FAX - 23392111

OSDOMI/65

MESSAGE

D.O. No.: Date.:

I am very happy to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) has brought out -Pharmannual 2022-23.

DPSR University, the 8 years old premier pharmacy University, has been rendering valuable service to healthcare sciences globally. It has supplied a large number of professionals - diploma holders, graduates, postgraduates, Doctor of Pharmacy and PhDs. These alumni have been the ambassadors of the University worldwide.

DPSR University provides a rich and diversified culture to enable the young and budding brain to meet the ever changing global challenges. I am pleased that students have chosen to explore the opportunities that DPSR University offer here and I am also confident that students would find here with excitement and experience. One student of the University secured 1st position (Gold Medal) in Freestyle Open U15+ year category and 2nd position (silver medal) in Kyorugi (PSS) U18+ year category in Bangkok open international Taekwondo Championship 2022.

I wish the DPSR University shall continue its achievements in future endeavour.





डॉ. आशीश चन्द्र वर्मा प्रधान सचिव (वित्त) Dr. ASHISH CHANDRA VERMA

Pr. Secretary (Finance)

राष्ट्रीय राजधानी क्षेत्र, दिल्ली सरकार GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI दिल्ली सचिवालय, आई.पी. एस्टेट, नई दिल्ली-110002 DELHI SECRETARIAT, I.P. ESTATE, NEW DELHI-110002 4th Floor, Room No. 402, A-Wing Tel. : 011-23392130, 23392131 Fax : 011-23392070 दिनांक



MESSAGE

I am delighted to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) is publishing Pharmannual 2022-23.

DPSR University approach to teaching moulds students as independent thinkers and active learners. Together with knowledgeable and attentive faculty members, students are able to lay the foundation for lifelong learning.

I am happy to know that many of the faculties of DPSRU are not only in top 2% scientists of the world list but also are representing the University in bodies like AYUSH and its sub divisions like CCRAS, CCRUM, CCRAH, Indian Pharmacopoeia Commission, CDSCO, DST-SERB, ICMR, NIPER and many institutions of excellence.

I wish best of luck to DPSRU in future endeavor in terms of quality of teaching and research.

(Ashish Chandra Verma)

ATISHI

Minister of Education, Higher Education, Training & Technical Education, PWD, Women & Child Development, Power, Art, Culture & Language, Tourism

आतिशी

शिक्षा, उच्च शिक्षा, प्रशिक्षण एवं तकनीकी शिक्षा, लोक निर्माण विभाग, महिला एवं बाल विकास, ऊर्जा, कला, संस्कृति एवं भाषा, पर्यटन मंत्री



GOVT. OF NCT OF DELHI राष्ट्रीय राजधानी क्षेत्र, दिल्ली सरकार DELHI SECTT, I.P. ESTATE, दिल्ली सचिवालय, आई०पी०एस्टेट, NEW DELHI-110002 नई दिल्ली-110002 Email :

D.O. No. Min (Edu.) 202 Date : 28 08 20



MESSAGE

I am pleased to learn that the Delhi Pharmaceutical Sciences and Research University (DPSRU) is publishing its Annual Report for the academic year 2022-23.

I am given to understand that the curriculum and courses at DPSRU are designed to be outcome-based. This progressive approach to education helps develop critical thinking and emphasizes practical application to ensure a smooth transition from academics to a career in pharmaceuticals.

With immense pride, I appreciate the efforts and hard work of the faculty for their contribution for uninterrupted academic and overall progress in this year and extend my best wishes to the faculty for publishing the Annual Report.

My heartfelt greetings for the success of the programme.

BHUPESH CHAUDHARY, IAS

Director

Department of Training & Technical Education Government of NCT of Delhi



D.O. No.

Dated

MESSAGE

I am happy to know that Delhi Pharmaceutical Sciences and Research University is publishing its Pharmannual 2022-23. During this period, DPSR University made substantial progress in academics, research and innovation.

DPSRU with the word 'Research' in the name of the university itself, has created the state-ofthe-art infrastructure research facilities. With the legacy of having unique Ocular Pharmacology lab, Clinical research, Herbal Technology and Nanotechnology Centers, it has come up with BioNest Bioincubator Center of DBT-BIRAC, Precision Pharmacy & Medicine Center of DKDF, Govt. of Delhi and Centre for Advanced Formulation Technologies of DSIR-CRTDH, Govt. of India and DST-FIST, New Delhi. This has enabled the University to establish linkages with industries for the promotion of science and currently, the University has more than 40 active MoUs with National Government institutions and Pharma Industry.

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

All the best for DPSR University in future endeavour.

(Bhupesh Chaudhary) Director, DTTE, GNCTD

Office Address : Room No. 201, Muni Maya Ram Marg, Pitampura, Delhi-110088 Telephone No. : 27322472, Email : dirtte.delhi@nic.in

viii

FROM THE VICE CHANCELLOR'S DESK



DPSRU is the first Pharmacy University of India has emerged in a period of 7 years as a leading center of learning and research. It has grown from 300 intake and 600 enrolled in 2015 to 817 intake and 2100 students enrolled in 2022-23. DPSRU is currently offering 6 certificate, 4 diploma, 8 undergraduate, 22 postgraduate, and 8 doctoral programs in the field of not only Pharmacy but also in Management, Public health, Hospital Management, Laboratory Technology, Artificial Intelligence, Yoga and Ayurveda etc.

DPSRU thrives to create the state-ofthe-art infrastructure research facilities. In August 2022, DPSRU witnessed the inauguration of a fully- integrated Stateof-the-art DPSRU-Centre for Precision Medicine and Pharmacy (DCPMP) with the state of the art technology in genetics, genomics, laboratory automation and bioinformatics. The Centre of Excellence was approved and funded by the Delhi knowledge Development Foundation (DKDF), DTTE, Govt. of NCT of Delhi. The Centre which aims to provide early and accurate diagnosis of diseases, helps to select the right drug, at the right dose at the right time for the patient. The University has also developed the Plant Tissue Culture (PTC) laboratory in the department of pharmacognosy and phytochemistry. It is an alternative method of getting crude drugs especially when various plant drug

species are under threat of getting extinct., This technique also provides regular supply of raw material, uniformity in the quality, plants free from pests etc. over cultivation method.

In addition to the strong academic programs, university has a strong research. and innovation footing. There are 9 faculty members currently in the list of top 2% scientists in the world published by Stanford University. With the comprehensive, multidisciplinary pedagogy, students are being most benefitted to excel in the competitive world. In the current year, 79 students gualified in the national competitive examination GPAT. It has now 150 Ph.D. students and many of them have the Government scholarships through agencies like ICMR, DST and CSIR and an equal number having research fellowships from DRDO, THISTI, IPC and pharma industries. The students of DPSRU have been continuously participating in the international and level Sports/ Cultural Activities. Mr. Surender Yadav. a student of (B.Sc. (H) Sports Science) , secured 1st Position (Gold Medal) in Taekwondo underweight 68 kg Category, during 3rd Mount Everest International Open Taekwondo Championship, 2022 dated 22nd to 25th September, 2022; and 1st Position (Gold Medal) in Freestyle Open U15+ Year category and 2nd position (silver medal) in Kyorugi (PSS) U18+ year category in Bangkok Open international Taekwondo Championship, 2022 dated 19-20 November, 2022.

The university organized a one week program "Har Din HarGhar Ayurveda" on the theme "Ayurveda for Happy and Healthy Life of Senior Citizens" from 03rd – 08th Oct, 2022 to promote Ayurveda, a field that is now recognized as a wholesome redressal of emerging health problems. The celebration was part of "Ayurveda @ 2047 - AzadikaAmritKaal". During the whole week celebration, DPSRU distributed Ayurvedic medicinal plants and free Ayurvedic medicines to senior citizens, organized rally for awareness of Ayurveda and a visit to the old age home.

Our University was privileged to be a part in "Har Ghar Tiranga" campaign of Government of India, with installation of 110 feet high National Flag Mast in the campus.

The university also organized IASTAM (Indian Association for the System of Traditional Asian Medicine) Oration and award function & International Conclave on January 21-22, 2023, wherein Acharya Balkrishna, VC, Patanjali University, Haridwar was conferred Pandit Shiv Sharma Oration. The two-day deliberations came out with recommendations submitted to the Government with the respect to regulatory issues and solutions to promote AYUSH Industry.

Celebrating India's G20 presidency, DPSRU hosted several G20 events at the campus, including Case Study Challenges, Quiz Competitions, G20 Presidency Awareness Drive, Food and dance festivals, Faculty Interaction with International delegates from Russia and USA, Essay writing competition, and Pushp Pradarshnam. University also established a G20 Herbal Garden honoring the G20 presidency, selecting atleast one plant representing every G20 participating country.

On 22nd December we had the 5th Convocation of our University with Prof. Balram Bhargava, Former Director General of ICMAR and Head of Cardiology Department - AIIMS, as the Chief Guest. DPSRU continues to have a focus for researchand innovation. DPSRU continues to have a focus for research and innovation. Our faculty members published over 300 research papers and could get patents granted as well as filed in good number. In addition to academic activities, several workshops, seminars and guest lectures were organized. Our University continues to have strong tie ups with industry. Innovative products are being developed with companies. Research, innovation and incubation have been a priority of our university. More than 25 new dynamic faculty members have been appointed on a regular basis. While the first batch of MPT is coming out this year from the University it is exciting to note that our School of Physiotherapy has been included in 10 best Physiotherapy institutes in India.

Our University has been thriving for the guality education and welfare of the students. We have now about 150 Ph.D. students registered and more importantly one third come with Govt. scholarships from agencies like ICMR, DST, CSIR etc and an equal number getting collaboration and aid with research centres like DRDO, pharma industries. THISTI, IPC and for Arranging the Guest lectures. appointments of Adjunct Professors, Organizing Workshops, National and International conference and now the webinars is a routine in our University. Through webinars our University has developed collaborations and tie-ups with countries like the UK, West Indies, Portugal, Philippines, Malaysia, Thailand and even China. This year we have prepared VISION 2030.

I acknowledge the constant support of members of General Council, Board of Governors, Academic Council, alumni, teaching and non-teaching staff.

(Prof. Ramesh K. Goyal)

EDITORIAL BOARD

CHAIRMAN



PROF. RAMESH K. GOYAL VICE CHANCELLOR

CO-CHAIRPERSONS



DR. O.P. SHUKLA REGISTRAR



PROF. P.K. SAHOO DIRECTOR, DIPSAR



DR. AJAY SHARMA HEAD, IQAC

EDITORS



PROF. GEETA AGGARWAL DEAN ACADEMICS



DR. AJIT K. THAKUR ASSISTANT PROFESSOR



DR. SHEETAL YADAV ASSISTANT PROFESSOR



MRS. RUCHI SINGH NEEKHRA PROGRAM LEAD INNOVATION AND INCUNATION , DIIF

From Co-chairpersons of Editorial Board

Welcome to the Delhi Pharmaceutical Sciences and Research University (DPSAR), as we sail into one more edition of the University's Pharm-Manual 2022-23, let me convey my feelings to you. I congratulate all the members of the editorial board of the University for bringing this year's Pharm-Manual.

Pharmacy education and practice are increasingly coordinated in their roles for taking medications from bench to bedside, to best practice, to the best outcome, and best value. Pharmacy covers the full spectrum of translational science where basic science research is translated into new methods of diagnosis, treatment, and prevention of diseases in humans. I believe that Pharmacy can continue to expand in the areas of health equity, coordinated care, translational sciences, and disruptive change that creates transformative

DPSRU Innovation and Incubation Foundation (DIIF) has developed 14 products, with 9 in the commercialization stage. Three companies could raise external funding, and the cumulative valuation of startups supported stands at more than 153 Crores.

The 5th convocation was successfully convened with a total of 146 D. Pharm., 140 B. Pharm., 39 BPT, 42 BSc. (Sports Science), 118 M. Pharm., 12 MBA in Pharmaceutical Management, 11 MPH, 06 MHM, and 7 Ph.D. students awarded. It was a delight to have Prof. Balram Bhargava as the Chief Guest at the Convocation. The university has pledged to celebrate the G-20 Presidency in a unique, innovative and vibrant mode. Organization of IASTAM meeting with Hon'ble Balkrishna of Patanjali present, workshops utilizing Precision medicine Centre & DSIRCRTDH-CAFT Centre, development of G-20 Herbal Garden's "Blue Ocean Strategy" with regulators for drugs, pharmaceuticals, nutraceuticals and medical devices and many other programs have been chalked out.

I take this opportunity to thank all the faculty members for their immense contribution, support and encouragement in bringing Pharm-Manual 2022-23 to the University.

Wishing all the best to all the faculty, staff and students for the forthcoming year.

Dr. O.P. Shukla, Prof. P. K. Sahoo, & Prof. Ajay Sharma

٠	Editorial	02
٠	DPSRU Vision & Mission	03
•	University at a Glance	04
٠	DPSRU Vision 2047	05
•	Infrastructure of University	07
•	Internal Quality Assurance Cell	22
٠	DPSRU Innovation and Incubation Foundation (DIIF)	24
٠	DSIR CRTDH	25
•	Precision Medicine Centre	26
•	Yoga and Fitness Centre	27
•	Faculty & Staff of DPSRU	28
•	Newly Joined Faculty	33
•	Faculty Awards and Recognitions	39
٠	Publications: Articles, Book/Book Chapters & Patents	41
•	Doctrol Programme	55
•	Empowering Success: Scholarships at DPSRU	57
•	Placement Report 2022-2023	63
٠	5th Annual Convocation	68
•	Academic Pride	73
٠	Student Achievements	74
٠	Alumni Forum	77
٠	International Affairs and Networking	81
٠	Co-curricular Activities	84
٠	Extra-curricular Activities	137
•	Poems from Faculty of DPSRU	164
٠	News and Media Coverage	167
٠	List of Contributors	171

S
Ζ
ш
E
Ζ
0
Ŭ

1

EDITORIAL

We are delighted to present to you the "Pharm annual 2022-23," the annual report of Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi. As we reflect on the past year, we are filled with pride and gratitude for the remarkable journey we have undertaken.

In the world of pharmaceutical sciences and research, DPSRU continues to stand as a beacon of excellence and innovation. The past year has witnessed a multitude of accomplishments, milestones, and endeavours that have further solidified our position as a leading institution in field of Pharmacy and allied health sciences.

The pages of this annual report encapsulate the diverse range of activities and achievements that have defined our institution over the past year. From research breakthroughs to academic excellence, from healthcare outreach to industry collaborations, we have a story to tell—a story of commitment, progress, and the relentless pursuit of knowledge.

This report is a testament to the collective efforts of our DPSRU family—our faculty, staff, students, and partners. It reflects the spirit of innovation that propels us forward and the commitment to addressing the pressing healthcare challenges of our time.

In the coming year, we remain dedicated to our mission of advancing pharmaceutical sciences and improving healthcare outcomes. We will continue to foster an environment that nurtures curiosity, critical thinking, and the desire to make a positive impact on society.

As we turn the pages of "Pharm annual 2022-23," we invite you to join us in celebrating our achievements and looking ahead to the exciting possibilities that lie on the horizon. We extend our heartfelt gratitude to all the contributors—our supporters, collaborators, and well-wishers—for your unwavering belief in our mission.

Thank you for being a part of our journey, and we look forward to your continued support as we embark on another year of discovery and innovation.

Warm regards,

Prof. Geeta Aggarwal Dr. Ajit Kumar Thakur Dr. Sheetal Yadav Mrs. Ruchi Singh Neekhra

DPSRU Vison & Mission



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.

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

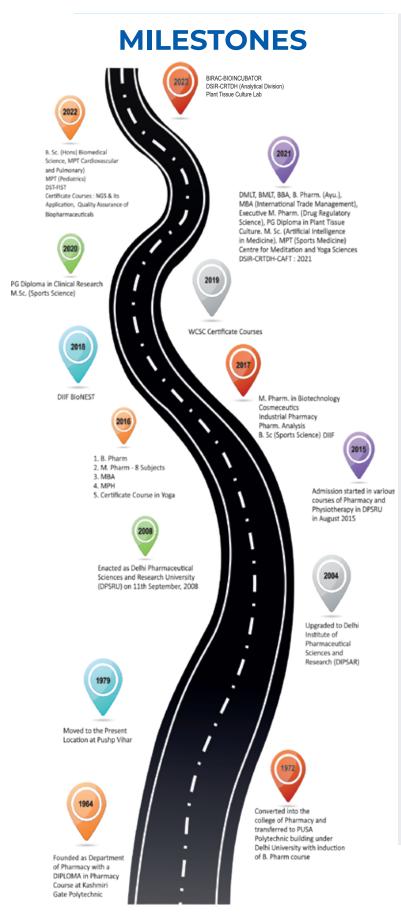
To educate and train manpower for the development of the country and establish linkages with industries for the promotion of science and technology through several health-related courses in MLT, GNM and X-Ray Technology

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

- Curricular Designing: Unique Courses with Global Thinking & Local Needs
- Teaching Learning Process: Pedagogy with Participative Learning.
- Research & Innovation: Research Excellence with Innovation & Incubation Infrastructure: Ambience for Rigorous Learning
- Student Progression: Encaging the Dreams by Job Creation
- Governance: Leadership without Power & Power without Hierarchy
- Best Practices: Integration of Yoga, Sports & Physiotherapy education for holistic development (स्वास्थ्य त्रिवेणी: योग, भौतिक चिकित्सा एवं औषध विज्ञान)
- Reaching the community for Health Awareness (लोकाः समस्ताः सुखिनो भवन्तु)

University at a Glance



Fact Sheet

- Act 7 of 2008 Passed by the State Legislature of Delhi as a State University No. F14(16) LA-2008/ Law/134-143 dated 24th October 2008
- Establishment Date declared as 1st February (No. F. 2(412) / 2008 / SB/ Vol. II/71) dated 21.01.2010.
- The University was made functional by notification on 24th July 2015 with Prof. Shyam Sunder Agrawal appointed as the interim Vice Chancellor
- UGC Notification F.9-19/2015/(CPP-1/PU) dated 22nd September 2015 recognized under 2f empowering to award degrees specified under section 22 of the University.
- Appointment of the First Regular Vice Chancellor: Prof. Ramesh K. Goyal on 26th August 2016
- First Statutes: Published (17/01/2018)
- PCI Approval: upto 2021
- DCPTOT Approval: upto 2021
- AICTE Approval: upto 2022
- WCSC Centre: 2019
- DBT-BIRAC-BIONEST Centre : 2019
- Precision Medicine Centre: 2021
- DSIR-CRTDH-CAFT: 2021
- Centre for Meditation and Yoga Sciences: 2021
- An ISO 9001-2015 certifited University

4

DPSRU Vision 2047

The members of the committee for development of DPSRU Vision 2047 include Hon'ble Vice Chancellor (Prof. Ramesh K. Goyal), External experts (Prof. G. N. Qazi, Prof. Surindra Singh, Prof. Niharika Vohra and Dr. Rajiv Gulati), Registrar DPSRU and Dean/Directors/HoDs of the university.

Recommendations of the committee

Three step approach to be finalized:

- a. Incorporate local, national and international objectives
- b. Strategies to achieve these objectives
- c. Narration of milestones with timeline goals

Strategies to incorporate in vision model

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

Centres of excellence 03

- Industrial immersion centres
- Clinically emerging centres

- PedagogicalTo 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

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

Infrastructure of University

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 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.

Delhi Institute of Pharmaceutical Sciences and Research

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 allround development of personality of students, which will empower them to take lead in entrepreneurship and placements.

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 MBA in Pharma Management 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 • Fully air-conditioned four deliberation rooms at 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 neighbouring 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.

School, Lecture theater/ **Delibrations rooms**

- 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 ٠ 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.

Departments, Research and Instrumentation Facilities

• 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 ground for budding training pharmacy professionals that allow students to perform experiments and bring to practice what they have learned in theory.

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
- Environmental Chamber
- Fermenter
- Flame Photometer
- Friabilator
- HPLC
- Humidity Chamber

Department of Pharmacology

The Department of Pharmacology has four specializations in M.Pharm viz., Pharmacology, Hospital Clinical Research, and Pharmacy, 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.

- High precision balance
- High pressure homogenizer
- Hotairoven
- Homogenizer
- Laminar air flow
- Lyophilizer
- Malven Zetasizer
- 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

The laboratories are having facilities for pharmacology simulation experimentations. CPSCEA 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 Invivo 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
- Electroconvulsiometer
- Fundus Camera
- Hot Plate Analgesiometer
- HPLC
- Langendorff Heart Assembly
- Lyophilizer
- Multimode Microplate ELISA Reader

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, antiand antioxidant microbial. 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.

- Rotarod Apparatus
- Semi Auto analyzer
- Short Wave Diathermy
- Tail Flick Analgesiometer
- UV Visible Spectrophotometer
- Vortex Mixture/Shaker
- Western blotting Apparatus
- Thermal Cycler
- Smart 3.0 Animal Behaviour System
- Gel-Doc Go
- Y Maze
- EPM
- Radial Maze
- Light and Dark Apparatus
- FST and TST Apparatus

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 plate
- Refrigerated centrifuge machine
- Microtome section cutting apparatus
- Dissolution testing apparatus
- Heating mantle
- Multiube vortexer
- 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 Ayurvedic equipments.

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 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 wellequipped 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. A new Cardio-Pulmonary Physiotherapy and Simulation Laboratory has been added, 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 enhances 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.

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, 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-yearundergraduate 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. (Hons) Biomedical Science: Three-yearundergraduate-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 organizes 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 subjects, enriching students' elective

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 internships. 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 are currently interning in various departments of GB Pant and LNJP hospital.

Academy of sports science Research and 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 proficiencv in utilizina sports science available in instruments 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 Biomechanics, 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 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/

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 Exercise Sports Sports Psychology, and 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.

INFRASTRUCTURE AT ASSRM

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.



Anthropometric Tool

The students of ASSRM had provided organizational and technical support in the efficient conduct of the Pro-Tennis league organized by Tennis Federation of India at R.K Khanna Tennis Stadium, New Delhi.

DPSRU-World Class Skill Centre and Skill Hub Initiatives Under PMKVY4.0

Skill is a key differentiator enabling expert-level performance. Delhi Government's initiatives focus on skill enhancement in the University. The aim is to provide industry-relevant skills, boosting employability and holistic expertise. Skills and knowledge drive economic growth and societal progress. To address skill shortages, the NCT Delhi introduced the "World Class Skill Centre (WCSC)" project.

In order to develop the skills of our young minds in the Health and wellness sector, DPSRU under the World Class Skill Development Centre has started various certificate courses to fulfill its objective and create skilled people that is the valued assets to the country.

1. Medicine Management

2. Beauty Wellness Consultant

3. Sports Assessment & Yoga Application

Courses are industry-tailored with contemporary facilities, fostering self-reliant learning and peer collaboration. English language instruction, placement assistance, and startup support ensure gainful employment. DPSRU-WCSC's infrastructure aligns with global innovation trends, emphasizing hands-on learning. Equipped with modern tools and high-level labs, the center strives for excellence and success.

DPSRU-WCSC was inaugurated by Hon'ble Dy. CM Sh. Manish Sisodia ji on August 13, 2019.

DPSRU is actively involved in the "Skill Hub (PMKVY 4.0)" scheme, aiming to enhance skill development and employability.

This scheme focuses on making education candidate-centric, aligning with emerging sectoral needs.

Through the Skill India Portal, DPSRU offers opportunities for students to upgrade their skills under the "PMKVY Scheme 4.0". This initiative aims to train the youth and enhance their employability and productivity.

The implementation of SKILL HUB (PMKVY 4.0) Scheme at DPSRU

This skill development initiative aims to promote: **Skill Development:** Enhancing students' skills with industry-relevant expertise.

Employability Enhancement: Providing training programs that align with industry needs to enhance students' employability.

Industry Collaboration: Encouraging partnerships between educational institutions and industries for practical exposure and training. Certification and Recognition: Offering certifications upon successful completion of skill development programs, boosting students' credibility **Entrepreneurship Development:** Nurturing entrepreneurial spirit and skills among students to support new ventures.

Overall Development: Broadening students' skill sets for their holistic development.

A total no. of 176 students (DPSRU as well as Outside university students) are enrolled the various certificate courses run in DPSRU under Skill Hub DPSRU under PMKVY4.0

- Ayurveda Dietician
- Yoga Wellness Trainer
- Fitness Trainer
- Healthcare Quality Assurance Manager
- Assistant- Manufacturing and Packaging (Pharma, Biologics and Medical device)
- Associate-Store (Pharma/ Bio Pharma / Medical Devices): Retail Pharmacy operations

Implementing PMKVY 4.0 at DPSRU not only enhances skill development and employability but also encourages industry collaboration, provides certifications, promotes entrepreneurship, and contributes to students' overall growth. As the saying goes, "The FUTURE belongs to those who learn more SKILLS and combine them in creative ways."

Lecture theater / Deliberation Rooms

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 audiovisual 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.

Central Instrumentation Facility

The Central Instrumentation facility has a complement of various sophisticated instruments such as Differential Scanning Colorimetry, 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.

Animal House

The students and faculty have access to the airconditioned 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 CPCSEA 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.

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.

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.

Physiotherapy OPD

Physiotherapy OPD is well equipped and working on various sub-specialties of physiotherapy. The services are provided to the outpatients and University staff free of charge as a part of community health care services. A variety of rehabilitation services are provided by an experienced and well-trained team of Physiotherapists and Medical Officer.

Yoga and Fitness Centre

Yoga course has been included in the curriculum which will benefit the students to perform and concentrate better. More than the one hundred students of M. Pharm, MHM, MPH, MBA in three batches are trained in the yoga center on the ground floor of the University building.

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 processing examinations schedule. 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 Honourable Vice-Chancellor.

Auditorium

The University has a beautifully designed auditorium that serves as a platform of interface with a seating capacity of 450. Centrally airconditioned, 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.

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. NSS CENTRE National Service Scheme Centre is established in the University building with the voluntary association of teaching, non-teaching staff, and students.

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 Cricket, Football, Volleyball, Basket Ball, Badminton and Athletic track, 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 new 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 Campus

. **Cymnasium and Swimming pool:** University has a state of art Cymnasium and swimming pool aiming at preparing healthy all-rounder professionals.

Parking Space: Students and faculty have been provided with exclusive Parking lots for their vehicles.

Internal Complaint Committee : for Women for prevention, prohibition, and redressal of sexual harassment of women employees and students:.University has constituted a committee with competent people to create a secure physical and social environment to deter any act of sexual harassment and to raise awareness on sexual harassment of women employees and students.

Anti-ragging Squad: University-level antiragging squad has been constituted for taking necessary steps to prevent any incidence of ragging which is prohibited on the campus. Security Service: The Campus has a 24 Hours Security Service along with CCTV Surveillances



IT Cell at DPSRU

The objectives of the Information Technology Cell is to provide accessible, useful and quality communication services to the University stakeholders in order to enhance teaching, learning, research and management, and to use IT technology as a key enabler in pursuit of the University mission.

University IT cell is now adequately equipped with modern facilities and providing continuous services and support for various academic and administrative activities.

New Developments at IT Cell

New Computer Laboratory in DIPSAR

Establishment of the state of art Computer Laboratory equipped with fifty modern computers and having facilities for audio visual communication for classes taking and deliberations has been done. The entire computer system has been connected through internet and facilities are available to conduct practical classes, workshops, interaction meets, etc.



Newly established computer laboratory in DIPSAR

Providing Wi-Fi Network to Hostels

The Wi-Fi internet facility has been extended to the Boys Hostel and Girls Hostel for providing the students seamless internet connectivity and to enable them to enhance their teaching, learning and research activities.

Establishment of Coordination Centre of PCI for Online Verifications

Due to it's ICT capabilities, DPSRU has been recognized as the 1st Co-ordination Centre by Pharmacy Council of India, New Delhi for online verification of institutions. Dr. Prabodh Chander Sharma, Associate Professor has been assigned the responsibility of the Nodal Officer for this task. The IT cell has successfully provided IT infrastructure facilities for several programmes of PCI and online verification of more than 150 institutions has been done successfully by PCI experts using DPSRU facilities. More than 100 experts from various institutions and different states visited DPSRU campus during these activities.

Sophos Firewall Security System:

In order to provide safe internet connectivity, a suitable firewall system has been installed in the University.

The DPSRU IT Cell provides ongoing services including:

Managing Learning Platform: Utilizing Google Workspace for seamless academic interactions between faculty and students.

Online Meetings/Classes: Facilitating online classes and meetings with large participant numbers.

Technical Procurement: Assisting in acquiring new computers and printers.

Internet Connectivity: Expanding LAN connectivity across campus sections and configuring WIFI for administrative offices.

Email Management: Managing institutional email addresses for students, faculty, and officials.

IT Support: Offering IT-related assistance for various activities, online meetings, workshops, and more.

DPSRU LIBRARY

The transformation of the DPSRU Library is a testament to the visionary leadership of Dr. R K Goyal, the Vice Chancellor of the University, and the diligent efforts of Dr. O P Shukla, the Registrar.

The Library's remarkable makeover includes a fresh paint job, a modern false ceiling with LED lighting, upgraded air conditioning, new window blinds, an inviting Library foyer with air conditioning, and vibrant yellow ergonomic chairs. Outdated furniture has been replaced with contemporary and comfortable pieces. To accommodate the growing collection of books for newly introduced courses, 10 modern PCs with LAN connectivity have been installed in the library's computer section. The Library has welcomed 10 new state-of-the-art steel shelving systems and 40 additional bookcases, optimizing space for the expanding collection. The environment is adorned with inspiring quotes from renowned scientists and thinkers, fostering motivation and aspiration among the students.

Current initiatives of DPSRU Library

- 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.
- VIDWAN : 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 Information and Library Network Centre (INFLIBNET), Ahmedabad.
- **Proquest Database:** The School of Allied Health Sciences, DPSRU has taken the initiative to subscribe the Proquest Database. The site is popular as a Management database and is a boon for the students of Management.

- IRINS: is 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 scholarly showcase communication activities. It provides an opportunity to create a scholarly network. IRINS supports integrate the existing to research management system such as HR system, Course management, grant management system, Institutional Repository, and commercial citation databases. It integrates the academic identity such as ORCID ID, ScopusID, Research ID, Microsoft Academic ID, Google Scholar ID for ingesting the research publication from various sources.
- Institutional Repository : is available on the Library webpage. It hosts the research thesis of post-graduate research scholars of the University. It has been created by M/s Learning Spiral Ltd, the ERP solution for the university.
- Plagiarism Detection Software: At present, plagiarism detection is available from Turnitin and Urkund. The Turnitin credentials have been distributed to all University faculty members.
- Shodhganga: This INFLIBNET portal is a Digital Repository for PhD thesis from all over India. PhD theses from DPSRU have been uploaded on the portal.
- **Shodhgangotri :** This INFLIBNET portal is a Digital Repository for PhD synopsis.
- Bentham Science: DPSRU has subscribed to the Bentham Science Life Science ejournal package. You can access the journal from the comfort of home and office.



INTERNAL QUALITY ASSURANCE CELL

The IQAC cell of DPSRU was established in the year 2017 and it was reconstituted in the year 2020 as per the NAAC mandate. It is registered with the NAAC in the year 2022. DPSRU has developed a strong Internal Quality Assurance Cell (IQAC) and the composition of cell is as per the NAAC mandate. IQAC implement quality improvement strategies, including self and external evaluation, and promote, sustain, and raise awareness about quality. The IQAC has taken a number of actions to assess and improve the University's teaching, learning, research, and governance. Academic monitoring (AM) is the first step in achieving quality, and it entails paying a surprise visit to ongoing theory and practical classes and evaluating the results.

The IQAC was crucial in the reform of the component colleges' and University departments' Vision, Mission, Goals, and strategic plans. Academic monitoring meetings are held on a regular basis to discuss difficulties and necessary changes for improvement. Through orientation and training programs, all members are encouraged to participate in advanced training for professional development. Various processes such as curriculum design and development, and receiving feedback from various stakeholders such as students, parents, instructors, industry experts, recruiters, and other peer groups were designed, refined, and optimized under the aegis of the Quality Cell. For continual quality improvement, DPSRU uses the IQAC vehicle

Objective

The IQAC's mission is to create a system that is aware, and consistent and prompts actions to improve the organization's academic and administrative performance. Every department/centre should have an IQAC Coordinator to raise awareness, promote IQAC activities and build the necessary processes and mechanisms within the department/centre.

Functions of IQAC

- Development of Quality Culture in the institution;
- Development and application of quality benchmarks/parameters for various academic and administrative activities of the Institution
- To disseminate information on various quality parameters of higher education.
- Optimization and integration of modern
 methods of teaching and learning

- To organize seminars/workshops/symposiums on quality-related themes.
- To prepare documents related to various programs/activities leading to quality improvement Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- Conduct a student Satisfaction survey.
- Conduct Alumni, Faculty and Employer Feedback.
- Conduct Workshop/Seminar on Quality
- assurance, research databases and e-resources.
- Annual Appraisal of the faculty.
- Annual review of Academic and Research performance of all the departments/centres through an academic audit.
- Consolidation of various Formats of forms for IQAC and meetings within IQAC.
- Annual Quality Assurance Report (AQAR) reports are prepared and sent out. Students' comments were evaluated and analysed, followed by a conversation with the VC and all Deans.

Institution has adopted the following for Quality assurance under the aegis of IQAC:

- Academic Administrative Audit(AAA) and follow up action taken
- Conferences, Seminars, Workshops on quality conducted
- Collaborative quality initiatives with other institution(s) in the from of functional MOUs
- Orientation programme on quality issuesfor teachers and students: More than 200 professional development programmes were attended by the teachers during the last 05 years.

- Participation in NIRF ranking: DPSRU has secured NIRF rank 25 under Pharmacy category in the year 2023
- ISO Certification(ISO-9001-2015)
- Preparation of NBA is in progress

Incremental improvements made for the preceding five years with regard to quality:

- Curricular Designing: Unique Courses with Global Thinking & Local Needs. The University has adopted unique courses by considering global thinking with local needs and suitably termed as "Glocalization". DPSRU follows Flexible curricular structures & Broad-based liberal arts undergraduate education for the Holistic development of the students.
- Teaching-Learning Process: Pedagogy with Participative Learning. To provide an Optimum Learning Environment, DPSRU has multidisciplinary programs in professional education. The programs offer flexibility in the curricula with CBCS patterns inclusive of electives and value-added courses. The university has taken the following steps to achieve this: Wi-Fi and internet access available across the campus, as well as a partial digital library and a smart classroom. Each department has scheduled Quality Improvement workshops on a regular basis.
- Research Excellence: Research Excellence with Innovation & Incubation. The academic research ethics committee targets improvement in the quality of publications, grasping the more PI-driven research, interdisciplinary research approach through collaboration and MoU. As a part of internationalisation, collaboration with Thailand, Malaysia, Russia, the Philippines, Portugal, Iran, China, the UK, the USA and Canada was extended for the exchange of research, students and faculty. The intent is to develop an international platform to develop innovative ideas, products, designs and systems for the future utility of mankind
- Infrastructure: Ambience for Rigorous Learning. Since 2015, the University working towards the upgradation of centres of excellence, laboratories, hostels, staff quarters and administrative spaces. DPSRU has a sprawling lush green residential campus with 34 academic departments, research centres, 2 hostels (boys and girls), a Guest house, an auditorium, a Gymnasium, a BABE research centre, Out-patient department, a faculty and staff residence,

rainwater harvesting, green audit, and solar energy system, spread over 10.36 acres with 41925.433 square metres of built-up area.

- Student Progression: Engaging the Dreams by Job Creation. DPSRU established a systematic mechanism that allowed us to collect regular input from students, graduates, employers, and parents, as well as perform a Student Satisfaction Survey. Improvement techniques are built on the analysis of ideas. The institution offers internships in creative project schemes as well as clinical placements in diverse hospitals, enterprises, and research organisations. The university's Training and Placement division has been busy organising many interactive sessions with industry and job fares. The university assists needy and deserving students with several government scholarship programmes.
- **Covernance:** Leadership without Power & Power without Hierarchy. DPSRU has a strong foundation based on empowered governance and autonomy which is fair and transparent. University is having a university act, 2- statute and first ordinance that is compliant with regard to this provision. This would provide guidance and help to departments as well as the University in terms of future planning and quality strategy formulation.
- **Best Practices:** Holistic Development Centred Around Quality Education: i.e. Integration of Yoga, Sports and Physiotherapy for the holistic development of students". DPSRU promotes the integration of yoga, sports and physiotherapy with education for the holistic development of students.
- Community Engaged University: Reaching the Community. We work towards DPSRU designation as a "Community-engaged University" and create an environment of engaged education to address economic, and social challenges and opportunities. DPSRU has adopted 5 villages and conducted several Nutrition campaigns under the Unnat Bharat Abhiyan scheme. Has a fully functional Community health facility and Physiotherapy OPD for addressing community health needs.

DPSRU Innovation and Incubation Foundation

DPSRU Innovation and Incubation Foundation (DIIF) is an initiative 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



DIIF Initiatives

Key highlights

- .25 start-ups mentored and supported
- BIRAC support 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
- .80+ events and workshops conducted
- 2 granted patents by Incubatee startups
- ·9 products commercialized
- Start-ups have raised more than 7.5 Cr in grant in aid and equity
- -6.5cr Funding from BIRAC and DTTE for Incubation support

Research Facilities

DIIF Offers incubate start-ups, academic collaborators and industries to avail its research facilities to carry out scientific and industrial research in healthcare, pharma and allied domains.

Business Development Support

Training sessions in IPR, business management, technology management, fundraising, scaling, proposal writing.
Customized mentorship sessions based on the need of the incubates

DSIR CRTDH

DPSRU has created the CRTDH facility where pharmaceutical, nutraceutical and cosmeceutical startups & MSMEs utilize low cost manufacturing & testing facilities along with intellectual support to test and validate their products.

Total area allocated for CRTDH: 4500sq/feet Focus area and objectives:

- Health care startups/MSMEs: We provide sophisticated testing facilities, equipment & infrastructure along with R&D support, necessary to test and validate their ideas and translation of advanced healthcare formulation to achieve ultimate destination for MSMEs and startups.
- We also provide initial hand holding through training and skill development programs for development of affordable and quality healthcare products.

Specialization of work at CRTDH:

- Development of advanced, novel and nanotechnology based formulations.
- GMP manufacturing of solid, liquid & Semi-solids formulations.
- Characterization and evaluation of nanoformulations, phytopharmaceuticals, cosmeceuticals and other pharmaceuticals.
- Targeted MSME clusters:
- Pharmaceutical, Nutraceutical & Cosmeceutical MSMEs

Skill development workshops/training organized every months for advancement and gain experience in research and to get new innovative ideas for startups/MSMEs.

State of the art Facility and R&D support and services to MSME:

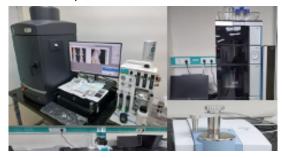
- Pilot-scale GMP manufacturing.
- Preclinical Imaging facility(In vivo & In vitro).
- Product characterization & evaluation.
- R&D support for advanced formulation development.

Equipments service including:

- UVIS
- Small Animal In vivo imaging system
- Hot Melt extruder
- Differential scanningcalorimeter(DSC),
- High-performance liquid chromatography(HPLC)
- Fourier transform infrared (FT-IR)
- Malvern Zetasizer
- Probe ultrasonicator
- High Pressure Homogenizer
- Particle size Analyzer
- Rheometer
- Microfluidizer
- Nano Spray Dryer,
- UV Spectrophotometer, etc.

Services to be offered to MSMEs:

- R&D, formulation development and validation.
- *In Vitro* evaluation and characterization.
- *Invivo* animal studies. (Preclinical research).



Precision Medicine Centre

The Delhi Pharmaceutical Sciences and Research University, India has established the DPSRU Centre for Precision Medicine and Pharmacy (DCPMP), the first centre in India for Research and Training in Precision Medicine and Pharmacy. This Centre is approved and recommended by the Delhi knowledge Development Foundation (DKDF), DTTE, Govt. of NCT of Delhi. The specific mandate of the centre is to establish the human and technical infrastructure to foster transdisciplinary national-scale research collaborations to focus precision medicine and treatment on 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, the centre is equipped with high-end equipments like Next Generation Sequencer (NGS), Real Time -Polymerase chain reaction analyzer (RT-PCR), Polymerase chain reaction analyzer (PCR), Biochemistry Analyzer, Gel DOC system, Blotting, Electrophoresis system etc. The centre also has the Bioinformatics and 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 a focus on research in precision medicine for the development of affordable diagnosis and treatment of certain communicable diseases in the Indian contextt
- 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 noncommunicable diseases like cancer, diabetes, and cardio-metabolic disorders, and infectious diseases through research leveraging genomic and phenotypic data.





Yoga & Fitness Center

'Om poornamadah poornamidam poornaat poornamudachyate poornasya poornamaadaaya poornamevavashishyate'

Everything is full. If you add full to the full, full remains. If you subtract full from the full, full remains. If you multiply full by the full, full remains. If you divide full by the full, full remains. Not everyone understands this kind of mathematics. From the perspective of this statement, everything is whole, everything is complete; even you are whole, you are complete. You do not realize that you are complete, that you are poorna. The purpose of yoga as an integrated system is to develop the of wholeness experience and completeness.

The experience of wholeness incorporates and integrates the gross manifested body, the subtle, invisible yet experienceable mind, and the transcendental spirit that is within you. When these three are brought together, the experience of poornata, wholeness. takes place. This experience of poornata is the purpose and the aim of life. Self-realization or God-realization is the result of having attained wholeness in life, without which that realization would not be possible. On 2nd March 2017 a MoU was signed to promote of yoga by CMD of Indian Renewal Energy Development Agency (IREDA)

(Ishavasya Upanishad)

Mr. K.S.Popli with Vice Chancellor of DPSRU Prof. Ramesh K. Goyal.After signing the MOU with IREDA, a certificate program was initiated for the benefit of community and society. Curriculum was developed with four theory and two practical paper. The fifth batch of Certificate Course in Yoga is completed successfully sixth batch is going on. After the completion of this course student will be able to become a Certified Yoga Professional A full time course has been added in the curriculum of the BPT, B.Pham, M. Pharm, MBA Programs as Yogic Sciences. Students attend the classes, appear for the exam and also take good care of their physical as well as mental health.

On 21st June International Yoga Day is celebrated every year, in year 2023 also more than 150 staff members and students participated with full enthusiasm. T-Shirts with IYD logo were distributed on International Yoga Day. The Yoga and Fitness Centre of university has successfully trained 8 batches of students and this year the university is going to enroll its 9th batch. We wish the centre and all its program flourish forever.

Faculty and Staff

Prof. Ramesh K. Goyal, Vice Chancellor Dr. O. P. Shukla, Registrar Prof. Prabhat K. Sahoo, Dean (Research and Innovation) Prof. Geeta Aggarwal, Dean (Academics) Prof. Rajiv Kumar Tonk, Dean (Student's Welfare)

DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH

Prof. Prabhat. K. Sahoo, Offg. Director

DEPARTMENT OF PHARMACEUTICS

Prof. Prabhat K. Sahoo Professor Prof. Deepti Pandita Professor Prof. Meenakshi K. Chauhan Professor Lecturer (Sel. Grade) Mr. Bhag Chand Dr. Gaurav K. Jain Associate Professor Assistant Professor Dr. Pooja Mongia Raj Dr. Dalapathi Gugulothu **Assistant Professor** Assistant Professor Dr. Anshul Dr. Beauty Behera Assistant Professor Dr. Atul Jain Assistant Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY/ QUALITY ASSURANCE

Prof. Dharam Pal Pathak		
Prof. Sharad R. Wakode		
Mrs. Amrita Parle		
Dr. Ramesh Bodla		
Dr. Saurabh Dahiya		
Dr. Sahil Kumar		
Dr. Ruhi Ali		
Dr. Archana Sharma		
Dr. Himangini*		
Dr. Neetika Sharma*		

Professor Professor Lecturer (Sel. Grade) Lecturer (Sr. Scale) Associate Professor Assistant Professor Assistant Professor Lecturer Assistant Professor

DEPARTMENT OF PHARMACOLOGY

Dr. Rajani Mathur Dr. S. Latha Dr. Sachin Kumar Dr. Anoop Kumar Dr. Gunjan Sharma

28

Associate Professor Lecturer (Sr. Scale) Assistant Professor Assistant Professor Assistant Professor

DEPARTMENT OF PHARMACOGNOSY

Mrs. Manju VyasAssociate ProfessorDr. Sakshi BajajAssistant Professor

Other contractual / part-time temporary faculty
Dr. Himanshu Dr. Varun Sharma

SCHOOL OF PHARMACEUTICAL SCIENCES

Prof. Harvinder Popli, Director

DEPARTMENT OF PHARMACOLOGY / BIOTECHNOLOGY

Prof. Ramesh K. Goyal Dr. Mukesh Nandave Dr. Ajit Kumar Thakur Dr. Aparna Chaudhary^{*} Vice Chancellor Associate Professor Assistant Professor Assistant Professor

DEPARTMENT OF PHARMACEUTICS/ INDUSTRIAL PHARMACY / DRUG REGULATORY AFFAIRS

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

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY / PHARMACEUTICAL ANALYSIS

Prof. Rajiv Kumar Tonk Dr. Prabodh Chander Dr. Priti Jain Dr. Suraj Pal Verma Professor Associate Professor Assistant Professor Assistant Professor *Contractual / Temporary Dr. K. Praveen Kumar Dr. Kalicharan Sharma* Assistant Professor Assistant Professor

DEPARTMENT OF PHARMACOGNOSY AND **PHYTOCHEMISTRY**

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

DEPARTMENT OF B. PHARM. AYURVED

Dr. Amrita Mishra **Assistant Professor** Dr. Foziyah Zakir **Assistant Professor** Dr. Roshni Tandev Assistant Professor

Other contractual/part-time temporary faculty

Dr. Saveena Chauhan

Mrs. Laxmi Rathore

SCHOOL OF ALLIED HEALTH SCIENCES AND MANAGEMENT

Dr. Jaseela Majeed, Head

DEPARTMENT OF MANAGEMENT (PHARMACEUTICAL / INTERNATIONAL **TRADE / HEALTHCARE & HOSPITAL / PUBLIC HEALTH**)

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

Associate Professor Associate Professor Assistant Professor Assistant Professor **Assistant Professor** Assistant Professor Assistant Professor Assistant Professor Assistant Professor

DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY

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

Assistant Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor

Part time Temporary Faculty

Dr Ramsha lobal Dr Vijay Wadhwa Dr Priyanka Dadhich Ms. Abhilasha Gupta Dr Martha Premlatha Dr Rahila Sardar

Dr Sonal Gupta Mr Syed Mohd Faisal Ms. Deepika Dr. S. Sivakalai

Dr Arvind Ms. Vinita Ms. Namrata Gautam

SCHOOL OF PHYSIOTHERAPY

Dr. Shilpa Jain, Head

Prof. Richa H Rai	Professor
Dr. Shilpa Jain	Associate Professor
Dr. Sheetal Kalra	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. Varsha Chorsiya	Assistant Professor
Dr. Ravinder Kumar	Assistant Professor
Dr. Savita Tamaria (P.T.)	Assistant Professor
Dr. Jitender Munjal (P.T.)*	Assistant Professor

Temporary part-time faculty

Dr. Anil Sabharwal Dr. HershaVij Dr. Madhurima Rov Dr. Poonam Dimri Dr. Vikram

WORLD CLASS SKILL CENTRE

Prof. Ramesh K. Goyal, Chairperson Dr. O. P. Shukla Registrar Dr. Madhu Gupta COO

DPSRU INNOVATION AND INCUBATION FOUNDATION

Prof. Ramesh K. Goyal Dr. O. P. Shukla Prof. Harvinder Popli Prof. Geeta Aggarwal Dr. Bharati Mangla* Mr. Raj Kumar* Mr. Yashwant* Mr. Rupender*

Chairman & Director Director Director Director Incharge COO Lab technician MTS MTS

PRECISION MEDICINE CENTRE

Dr. Ruchika Sharma **Research Associate** Ms. Keerti Maheshwari JRF

YOGA AND FITNESS CENTRE

Dr. Shilpa Jain Sh. C. P. Ray* Ms. Muskan Parmar

MEDICAL UNIT

Dr. Priyanka Sonam

Medical officer

Yoga Instructor

Coordinator

Acharya

*Contractual / Temporary

Ms. Suhasini D Ms. Shivani Dutt* Mr. Jiledar* (Attnd.) Nurse Hospital Liaisoning Officer Mr. Naresh Kumar* (Attnd.)

ADMINISTRATIVE STAFF

- Ms. Nisha Mr. Ranjit Kumar Mr. Dhruv Arora Mr. Aditya Kaushik Mr. Pankaj Kumar* Dr. Anubha Agarwal* Mr. Rajesh Rawal*
- Mr. S. S. Mathur* Mr. Kirshan Kumar Mr. Nishant Kaushik Mr. Ankur Ravi* Mr. Hemant Kumar

Assistant Registrar Sr. Accounts Officer AAO Section officer OSD to VC Assistant Registrar (Acad) Consultant (Purchase and Store) Consultant **EPBAX** Operator Jr. Steno Junior Engineer Driver

OFFICE ASSISTANTS

Ms. Lata Dutt Mr. Arun K. Sharma Mr. Rajesh Kumar

Mr. Shresth Bagga Mr. Mohd. Rizwan Mr. Rahul

COMPUTER STAFF AND DATA ENTRY OPERATORS

Ms. Jyoti Baisla Mr. Pankaj* Mr. Vikas Yadav* Mr. Sahil*

Ms. Anjali Singh* Mr. Vikram Singh* Ms. Saroj*

LIBRARY STAFF

Mr. S. Sengupta Ms. Yogita Ahuja Ms. Sarita Rani Ms. Namrata*

Librarian Assistant Librarian Library Attendant Library Attendant

EXAMINATION SECTION

Dr. Ramchander Khatri Mr. Hussain Alam* Mr. Rohit Singh Naruka* Mr. Gaurav Kumar*

Asstt. Controller, Exam Consultant Mr. Lakshay Dahiya*

LABORATORY STAFF

LAB ASSISTANTS

Mr. Man Singh Mr. Denesh* Mr. Mohit* Mr. Ramji Lal* Mr. Javed Akhtar* Mr. Ram Kumar*

Ms. Divya Bhardwaj

Mr. Sujoy Robinson*

Ms. Neeta Rathore*

Ms. Shalini Pathania*

Mr. Devender Kumar*

Ms. Deepali*

LAB ATTENDANTS

Mr. Pradeep Kumar Mr. Jatin Gautam* Mr. Amit Mehto*

OTHER STAFF

Ms. Bimla Rawat* Mr. Jitender Shiwach* Mrs. Prem Lata* Mr. Kaushal Kishor* Mr. Naresh* Mr. Gaurav* Mr. Yogesh Kumar* Mr. Ranjit Paswan* Mr. Jasbir Singh* Mr. Gaurav Kumar* Mr. Rajju*

Mr. Avinash Bansal* Ms. Kashish* Mr. Ram Narayan*

Store Keeper **Boys Hostel Matron** Girls Hostel Matron Mr. Privadarshee Pathak* Mr. Manish* Mr. Deepak* Mr. Sunil Meena* Mr. Sajan Singh* Mr. Sandeep* Mr. Vikas* Mr. Sobhran singh*

ACADEMY OF SPORTS SCIENCES **RESEARCH AND MANAGEMENT**

Dr. Arun Kumar Uppal

Mr. Ravi Shankar Dr. Gagandeep Kaur Mr. Nihal Singh Ms. Amandeep Kaur Ms. Sonia Mr. Baljinder Singh Mrs. Sakshi Sudha Mr. Deepak Kumar Mr. Dhananjay Sharma

Senior Professor & Advisor Academics Assistant Professor Sr. Executive - Admin Research Analyst & Lab Assistant

OUTSOURCE STAFF

Office Assistant

Mr. Sachin Satyarthi Mr. Deepanshu Mr. Shiv Shankar Ms. Komal Mr. Shani Kumar Mishra Mr. Jaikant Dahaliya Mr. Aman Kumar Ms. Shweta Rana Mr. Rohit K. Gupta

Lab Assistant

Mr. Tushal Ms. Deewangi Mr Rohit Mr. Shareen Malik

Ms. Supriya Singh Ms. Neha Rathi Ms. Sukriti Garg Ms. Tanya Arora Mr. Mohd. Hasim Ansari Mr. Gagan Kumar Mr. Gaurav Prasad Ram Ms. Sonali Chopra Ms. Richa Arora

Mr. Kuldeep Mr. Ajit Kumar Mr. Mohd Akram Mr. Yogesh Kumar

*Contractual / Temporary

Lab Attendant

Mr. Lalan Kumar Singh Mr. Maanik Chaudhary Mr. Manish Mr. Tej Bahadur Singh Mr. Rahul Prasad Mr. Satyam Yadav Mr. Asshish Kumar Ms. Manisha Mr. Joginder Singh Mr. Akash Tanwar

MTS

Mr. Amit Kumar Mr. Ranjeet Kumar Mr. Rahul Mr. Manoj Kumar Mr. Deepak Yadav

Other Staff

Mr. Deepak Chopra Mr. Navdeep Sharma Ms. Anupama Bhatt Ms. Radhika Arora Mr. Rahul Kainth Mr. Ajay Sachdeva Mr. Pawan Biduri Mr. Tarun Sharma Mr. Manoj Kumar Mr. Akash Kumar Mr. Hariom Kushwaha Mr. Shubham Sinha Ms. Sadhana Kumari Mr. Bhanu Pratap Mr. Kunal Rana

Mr. Sunil Kumar Ms. Dhaneshwari Mr. Aman Kumar Mr. Neeraj Mr. Vijay Kumar

UDC Tally Operator Telephone Operator Enquiry Assistant Office Executive

OUTSOURCE STAFF

OFFICE ASSISTANT

Mr. Sachin Satyarthi Ms. Supriya Singh Mr. Deepanshu Ms. Neha Rathi Mr. Shiv Shankar Ms. Sukriti Garg Ms. Komal Ms. Tanya Arora Mr. Shani Kumar Mishra

LAB ASSISTANT

Mr. Tushal Mr. Kuldeep Ms. Deewangi Mr. Ajit Kumar

MTS

Mr. Amit Kumar Mr. Sunil Kumar Mr. Ranjeet Kumar Ms. Dhaneshwari Mr. Mohd. Hasim Ansari Mr. Jaikant Dahaliya Mr. Gagan Kumar Mr. Aman Kumar Mr. Gaurav Prasad Ram Ms. Shweta Rana Ms. Sonali Chopra Mr. Rohit K. Gupta Ms. Richa Arora

Mr. Rohit Mr. Mohd Akram Mr. Shareen Malik Mr. Yogesh Kumar

Mr. Satyam Yadav Mr. Hariom Kushwaha Mr. Aashish Kumar Mr. Shubham Sinha Mr. Rahul Mr. Aman Kumar Mr. Manoj Kumar Mr. Neeraj Mr. Deepak Yadav Mr. Vijay Kumar

LAB ATTENDANTS

Mr. Pradeep Kumar Mr. Avinash Bansal* Mr. Jatin Gautam*

OTHER STAFF

Ms. Bimla Rawat* Mr. Jitender Shiwach* Mrs. Prem Lata* Mr. Kaushal Kishor* Mr. Priyadarshee Pathak* Mr. Naresh* Mr. Manish* Mr. Gaurav* Mr. Deepak* Mr. Yogesh Kumar* Mr. Sunil Meena* Mr. Ranjit Paswan* Mr. Sajan Singh* Mr. Jasbir Singh* Mr. Sandeep* Mr. Gaurav Kumar* Mr. Vikas* Mr. Raiiu* Mr. Sobhran Singh*

Ms. Manisha Ms. Sadhana Kumari Mr. Joginder Singh Mr. Bhanu Pratap Mr. Akash Tanwar Mr. Kunal Rana

Ms. Kashish* Mr. Amit Mehto* Mr. Ram Narayan*

Store Keeper Boys Hostel Matron Girls Hostel Matron

ACADEMY OF SPORTS SCIENCES RESEARCHAND MANAGEMENT

Dr. Anshul Bagai, Director

Dr. Arun Kumar Uppal Mr. Ravi Shankar Dr. Gagandeep Kaur Mr. Nihal Singh Ms. Amandeep Kaur Ms. Sonia Mr. Baljinder Singh Mrs. Sakshi Sudha Mr. Deepak Kumar Mr. Dhananjay Sharma

Senior Professor & Advisor Academics Assistant Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor Sr. Executive - Admin Research Analyst & Lab Assistant

*Contractual / Temporary

Newly Joined Faculty

Dr. Akash Midha

Dr. Akash Midha has joined as an Assistant Professor in the Department of Management in the School of Allied Health Sciences and Management, DPSRU, New Delhi, India. Dr. Akash has completed his Ph.D. from Rajasthan University of Health Sciences, Jaipur in the area of Pharma Management. He has more than 15 years of teaching and research experience.



He has published various Research papers in National and International Journals of repute and has attended chaired and presented more than 10 papers in Scientific Conferences. Invited as Keynote Speaker & Guest of honor in the National & International Conferences/Programmes. He is a life member of APTI and served as executive member of APTI Rajasthan State Branch for 2016-2019. His thrust area of research includes Pharma Management, Sustainable development goals in respect to Health Sector, Social and Behavior change Analysis in Relation to Community Health.

He is also involved in creative writing. He has authored four books of Poetry and Stories. He has been awarded and honored with various national awards for his literature work in Hindi. He has been invited as Guest of Honor by the Cultural and Literary Society of Indian Institute of Technology and All India institute of medical sciences at various times.

Dr. Amrita Mishra

Dr. Amrita Mishra has joined as an Assistant Professor in the Department of B. Pharm Ayurveda in the School of Pharmaceutical Sciences, DPSRU, New Delhi, India in August 2022. Dr. Amrita Mishra has completed her Ph.D. from Birla Institute of Technology, Ranchi in the area of Pharmacognosy and Ayurveda. She has 15 years of teaching and research experience. She has guided 08 post-graduate research students and 01 Ph.D. has been awarded under her supervision.



She has two patent related to the Herbal Drugs. She has published more than 60 research articles in peer-reviewed journals of national and international repute and 02 books. She has presented papers at many national and international conferences. She is a life member of APTI and IASTAM. She has past experience as Head of the Department of School of Pharmaceutical Sciences at IFTM University, Moradabad. Her thrust area of research includes Standardization of Ayurvedic drug/Formulations, Ethnopharmacology and Herbal drug development.

Dr. Atul Jain

Dr. Atul Jain has joined as an Assistant Professor in the Department of Pharmaceutics in the Delhi Institute of Pharmaceutical Sciences & Research, DPSRU, New Delhi, India. Dr. Atul has completed his Ph.D. from Panjab University, Chandigarh in the area of Quality-by-driven development of diverse novel drug delivery systems. He has more than 11 years of teaching and research experience. He has guided 3 postgraduate research students.

He has published more than 40 research articles in peer-reviewed journals of national and international repute, 12 book chapters and one book. He has presented papers at different national and international conferences. He is a life member of APTI and IPGA. Dr. Jain is an active researcher in the fields of the development of novel drug delivery systems and their application for the management of various diseases, and the development and validation of new analytical and Bio-analytical methods for drug molecules using HPLC.

Dr. Beauty Behera

Dr. Beauty Behera has joined as an Assistant Professor in the Department of Pharmaceutics in the Delhi Institute of Pharmaceutical Research and Sciences, DPSRU, New Delhi, India. Dr. Beauty has completed her Ph.D. from National Institute of Technology, Rourkela in the area of Biotechnology and Medical Engineering. She has more than 08 years of teaching and research experience. She has published 20 research articles in peer-reviewed journals of national and international repute.

04 book chapters. She has presented papers at many national and international conferences. She is a life member of APTI. She has a rich experience in Clinical trials and regulatory market from industry as well as Indian Council of Medical Research. She is an active researcher in the field of pharmaceutics, Biomaterials, and Implants. Her thrust area of research includes tissue engineering for regenerative medicine, Biopolymers for drugs, immunotherapy, and probiotics delivery and Peptide-based delivery systems.

Dr. Gunjan Sharma

Dr. Gunjan Sharma has joined as an Assistant Professor in the Department of Pharmacology in Delhi Institute of Pharmaceutical Sciences and Research, DPSRU, New Delhi, India. Dr. Gunjan has completed her B.Pharm from Jamia Hamdard, M.Pharm from NMIMS, Mumbai (Gold Medallist) and Ph.D. from Amity University, Noida.







She has published over 30 research articles in peer reviewed journals of National and International repute, 01 book chapter and 2 books (lab manual). She has presented her research papers at several National and International conference and chaired many sessions as well. She is a lifetime member of APTI, ISPOR, IPS, IHPA etc. her last teaching experience was as an Associate Professor at Amity University, Gurugram. She is a dynamic researcher in the field of Proteomic analysis of various metabolic compounds. Her thrust areas include Identification of signature proteins as Pharmacodynamic biomarkers for type-2 Diabetes Mellitus.

Dr. Neetika Sharma

Dr. Neetika Sharma has joined as Assistant Professor, Department of Pharmaceutical Chemistry. Dr. Neetika has completed her Ph.D. from University Institute of Pharmaceutical Sciences, Panjab University, in the area of chemical & chemometric analysis. She has worked in the development of analytical methods for crude plants and finished herbal formulations using different chromatographic and spectroscopic techniques with the application of chemometric techniques.



She has developed two novel herbal nano formulations and has filed 04 national & international patents. She also holds a post graduate diploma in statistics from USOL, Panjab University, Chandigarh. She has worked in the area of patent litigation and prosecution support services related to the pharmaceutical patents. Her area of research includes analytical method development and validation for allopathic, ayurvedic and herbal formulations, novel herbal formulation development, chemometric analysis. chromatographic and spectroscopic techniques with the application of chemometric techniques. She has developed two novel herbal nano formulations and has filed 04 national & international patents. She also holds a post graduate diploma in statistics from USOL, Panjab University, Chandigarh. She has worked in the area of patent litigation and prosecution support services related to the pharmaceutical patents. Her area of research includes analytical method development and validation for allopathic, ayurvedic and herbal formulations, novel herbal formulation development, chemometric analysis.

Dr. Rashi Gupta

Dr. Rashi Gupta is an Assistant Professor in the Department of Medical Laboratory Technology, School of Allied Health Sciences and Management, DPSRU, New Delhi. Dr. Gupta earned her Ph.D. in Environmental Microbiology/Soil Microbial Ecology from the prestigious Indian Institute of Technology (IIT) Delhi, where she received the Award of Distinction for her exceptional research contributions. Dr. Gupta has more than 12 years of research and



Her postdoctoral research experience includes her work at the Centre for Community Medicine, AIIMS, New Delhi; Cornell University, USA, and as a Young Investigator at the Regional Centre for Biotechnology, Faridabad. Her teaching experience spans various institutes, including Delhi Technological University, Shaheed Rajguru College of Applied Sciences for Women, Institute of Home Economics, University of Delhi and DPSRU. Dr. Gupta has authored 13 research papers and 4 book chapters, published in reputed journals and publications. Her exceptional contributions have earned her several accolades, including 1st poster prizes, Young Investigator awards, and Congress Young Scientist Grants. Dr. Gupta possesses a diverse skill set in molecular biology techniques, such as qPCR, RT-PCR, DGGE, ARISA, SDS-PAGE, ELISA, confocal microscopy, laser capture microdissection, and statistical analysis using SPSS. Dr. Gupta is a life-member of the Biotech Research Society of India (BRSI) and The Association of Microbiologists of India (AMI), showcasing her active involvement in the scientific community.

Dr. Roshni Tandey

Dr. Roshni Tandey has joined as an Assistant Professor in the Department of B.Pharma (Ayurveda) in the School of Pharmaceutical Sciences, DPSRU, New Delhi, India. Dr. Roshni Tandey has completed her Ph.D. from Guru Ghasidas Central University, Bilaspur, Chhattisgarh in the area of environmental impact of pollutants on physiological and biochemical responses on dietary enrich plants.



With over 2 years of teaching and research experience, she holds 2 granted Indian patents for innovative green extraction methods in antioxidants and essential oils. Her work comprises 19 articles in renowned national and international peer-reviewed journals, 2 book chapters, and a authored book. She's showcased her research at 9 conferences globally. A life member of APTI, IASTAM, and IPGA, she's an active researcher in Natural product extraction, analytical phytochemistry, and environmental botany. Her current focus lies in pioneering green extraction technologies like microwave and ultrasonic-assisted methods. She investigates the impact of environmental pollutants on secondary metabolites and develops ayurvedic herbal formulations from untapped tribal plant sources.

Dr.Sachin Kumar

Dr. Sachin Kumar has joined as an Assistant Professor in the Department of Medical Laboratory Technology in the School of Allied Health Sciences and Management. He has completed his Ph.D. from AIIMS, New Delhi in the area of Neuropharmacology. He has more than 10 years of teaching and research experience. He has guided many post-graduate research students.



He has published a number of research and review articles in peer-reviewed journals of national and international repute. He has presented papers and posters at many national conferences. He has past experience as Senior Pharmacovigilance Associate at Department of Pharmacology, AIIMS, New Delhi. He is an active researcher in the fields of Neuropharmacology and Pharmacovigilance. His thrust area of research in Epilepsy using HPLC, ELISA and other techniques. He has a hands-on experience of handling sophisticated laboratory instruments like Inductively Coupled Plasma and Atomic Absorption Spectrophotometer.

Dr. Sakshi Bajaj

Dr. Sakshi Bajaj has joined as an Assistant Professor in the Department of Pharmacognosy in the DIPSAR, DPSRU. Dr. Sakshi has completed his Ph.D. from University of Delhi in the area of pharmacognosy and phytochemistry. She has more than 13 years of teaching and research experience. She has guided 08 post-graduate research students. She has one patent related to the an air cooling device with smart antimicrobial features.



She has published more than 22 research articles in peer-reviewed journals of national and international repute, 03 book chapters. She has presented papers at many national and international conferences. She is a life member of APTI, IPGA, etc. She is an active researcher in the fields of pharmacognosy and phytochemistry. Her thrust area of research includes Standardization, Isolation, Characterization, HPTLC analysis and evaluation of antioxidant, anti-inflammatory, anthelmintic, antileishmanial and cytotoxicity of natural products.

Dr. Satish Manchanda

Dr. Satish Manchanda has joined the School of Allied Health Sciences and Management at DPSRU, as an Assistant Professor in the Department of Medical Laboratory Technology. Dr. Manchanda holds a Ph.D. in Pharmaceutical Sciences from the University of Delhi, Delhi. Throughout his career, Dr. Manchanda has made significant contributions to the field



He has supervised seven post-graduate students and has been granted a patent for his work in formulation development. He has authored over 24 research articles in reputable national and international peer-reviewed journals. Furthermore, he has contributed to the field through five book chapters. He has also written the content for the E-PG pathshala program of UGC and also delivered the video lectures for the same program on the Novel drug delivery Systems. member of the IPGA (Indian Pharmacy Graduates' Association), he remains connected to the academic community. Prior to his current position, Dr. Manchanda served as an Assistant Professor of Pharmaceutics at DIPSAR in Delhi. He continues his research in the field of pharmaceutics, with a particular focus on Nano-drug delivery and ocular drug delivery.

Dr. Saurabh Chaturvedi

Dr. Saurabh Chaturvedi has joined as an Assistant Professor in the Department of Medical Laboratory Technology in the School of Allied Health Sciences, DPSRU. Dr. Saurabh has completed his Ph.D. from Department of Clinical Immunology and Rheumatology, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, India in the area of fibrosis and inflammation. He has more than 2 years of teaching, research and industrial

experience. He has one Australian patent titled "A Method to Determine a Steroid-Resistant Phenotype in Childhood Idiopathic Nephrotic Syndrome by Utilizing a Pharmacogenomic Biomarkers. He has published more than 15 research articles in peer-reviewed journals of national and international repute, 02 book chapters. He has presented several papers at national and international conferences and won early career research awards. He is a life member of Indian Immunology Society (IIS). He has past experience of working as consultant in public health division of IQVIA, New Delhi, India. He is an active researcher in the fields of immunopharmacology, inflammation and drug efflux pumps. His active area of research is focused on understanding the cellular and molecular mechanisms that regulate the fibrotic and inflammation processes, identifying biomarkers for diagnosis and prognosis, and developing novel therapies to prevent or reverse fibrosis.

Dr. Simmi Vashishtha

Dr. Simmi Vashishtha has joined as an Assistant Professor in the Department of Management in the School of Allied Health Sciences & Management, DPSRU. She has completed her Ph.D. from University School of Management, Kurukshetra University, in the field of Management (Entrepreneurship). She has more than 15 years of teaching and research experience. 4 PhD. students have been awarded doctoral degree under her guidance, and she has guided more than 150 MBA students.

Her primary research interest lies in Entrepreneurship Ecosystem, Entrepreneurial Intention, and economic growth, Entrepreneurs as catalytic agents and policy initiatives for aspiring entrepreneurs. In her Doctoral thesis, she has focused on assessing the drivers and attributes of women entrepreneurs. she has published more than 25 research articles in peer-reviewed journals of national and international repute and has 10 book chapters to her credit. She She has acted as a resource person in various national and state level seminars. She is a life member of TSME (Technical Society for management Education) journal. presented more than 45 research papers in national/international conferences and seminars.





Dr. Suresh Kumar

Dr. Suresh Kumar has joined as an Assistant Professor in the Department of Medical Laboratory technology in the School of Allied Health Science & Management, DPSRU. Dr. Suresh has completed his Ph.D. and Master from Jamia Hamdard (Hamdard University), New Delhi in the area of Medicinal and pharmaceutical Chemistry.

He has been awarded with UGC-GATE, UGC-JRF and CSIR-RA fellowships for pursuing his Master and Ph.D. He has more than 12 years of teaching, research and industry experience. Previously he has work with reputed pharmaceutical industry such as Sun Pharma, Mankind Pharma, Jubilant Life Science, Stride Pharma etc. in various capacities. He has published more than 35 research and review articles in peer-reviewed journals of national and international repute. He is an active researcher in the fields of pharmaceutical and Medicinal Chemistry. chemistry, computer-aided drug design. His thrust area of research includes exploration of various Medicinal chemistry approaches for New Drug Discovery focusing novel antimicrobial agents, antifungal agent, antitubercular agents, antileishmanial agents, Xanthine oxidase inhibitor etc.

Dr. Subodh Kumar

Dr. Subodh Kumar has joined as an Assistant Professor in the Department of Medical Laboratory Technology at School of Allied Health Sciences and Management, DPSRU. Dr. Kumar has completed his Ph.D. from Institute of Medical Sciences, Banaras Hindu University, in the area of infectious disease (Visceral leishmaniasis).with prestigious CSIR-SRF fellowship.He had the opportunity to undertake research

training at the Infectious Disease Research Institute (IDRI) in Seattle, WA, USA. Dr. Kumar continued his research journey by completing a Post-Doctoral Fellowship (PDF) at SBS, Nanyang Technological University in Singapore. He completed a Post-Doctoral Fellowship (PDF) at SBS, Nanyang Technological University, accumulating over a decade of research and teaching experience. Dr. Kumar has guided one post-graduate research student and has two more under his mentorship. He's filed a patent related to Visceral Leishmaniasis diagnosis and published over 10 research articles in renowned international peer-reviewed journals.

He has authored 01 book chapter and contributed to a book on health policy published by DST Centre for Policy Research. He has presented his research at numerous national and international conferences. Dr. Kumar is a member of the Association of Clinical Biochemists of India (ACBI).Previously, he served as a Senior Scientist (Research Scientist II) in a DHR-ICMR funded research scheme. His current research interests lie in protein biomarker discovery, Immunology, and Molecular Biology, focusing on parasitology and lifestyle diseases (MetS).





Faculty Awards and Recognitions

Prof. Ramesh K Goyal

- Distinguished Educationist Alumnus Award by LMCP Alumni Association & Research Society.
- Life Time Achievement Award as Distinguished Pharmacy Pharmacologist by Indian Pharmacological Society, during 52nd Annual Conference, organized by JAAAMS, Mysore.
- Life Time Achievement Award as Pharmacy Teacher by Lloyd Group of Institutions, Greater Noida, UP.
- National Health Icon WHO Diamond Jubilee Year Award 2023 by Delhi Medical Association as Legendary Medical-Pharma Professional in the field of Educator & Administrator.
- Chief Guest at Maharishi Dayanand University, Rohtak with Australian Delegates.

Dr. Sushma Talegaonkar

- Member, Program Advisory Committee, SERB-DST, Govt of India.
- Received Malvern Panalytical Scientific Award 2022 for the Publication Tiitled "Intranasal delivery of Naloxone-loaded solid lipid nanoparticles as a promising simple and non-invasive approach for the management of opioid overdose"
- Received Best poster award for poster entitled "A Pan India study to understand the use of innovative administration devices for oral medicines, 14th European Paediatric Formulation Initiative (EuPFI) conference held in Rome in September 20, 2022











Dr. Mukesh Nandave

- Distinguished Leadership Award in Cardiovascular Sciences of the International Academy of Cardiovascular Sciences (IACS), Canada, during a Joint International Conference of IACS and the International Society for Heart Research (ISHR) at PGIMER, Chandigarh.
- Recognized as a member of Special Committeee for Drug Standardization of Central Council of Research and Homeopathy on 11.11.2022.

Dr. Gaurav Kumar Jain

 Attended the International Research Conference on Pharmaceutical and Allied Sciences (IRCPAS 2.0) at UCSI University, Kuala Lumpur from 9-12 March 2023. He presented his research titled 'Bio Scintigraphy as an imperative tool for safet∨ and branding efficacv. of Pharmaceutical Formulations'. Dr. Jain also evaluated poster at the conference and was awarded with Distinguished Research Award 2023.

Dr. Ajit Kumar Thakur

- Certificate of Appreciation for "Outstanding Performance for University Administration and Showcasing" during the year 2022 during 2nd Research Promotion Award Ceremony held at DPSRU, New Delhi. February 28, 2023.
- Notable Research Award for two Publications in the Journal of "Neurochemical Research" during 2nd Research Promotion Award Ceremony held at DPSRU, New Delhi. February 28, 2023.

Dr. Anoop Kumar

- Received Bharat Shiksha Gaurav Puraskar" for outstanding achievements remarkable and field contribution in the of Pharmaceutical Education from KTK Outstanding Achievers and Education Foundation.
- Recognized as section editor in Current
 Indian Science, Journal of Bentham
- Recognized as Assistant editor in Acta Neurologica Scandinavica Journal of Wiley.
- Received an "Outstanding Scientist Award" in the International Scientist Awards on Engineering, Science and Medicine by INSO awards society.

Dr. Sahil Kumar

 Received Best Oral Presentation Award

 1st Prize for 'Synthesis of novel N-Mannich base derivatives of isatin for brain targeting', during 3rd International Conference on New Horizons in Drug Discovery and Development Process in collaboration with AICTE New Delhi, organized by Adamas University, Kolkata, 23 Feb 2023.

Dr. Ravinder Kumar

 Got "Pandit Shriram SharmaAward 2022" through Hon'ble Dr. Arvind Sharma, Member of Parliament, Rohtak Lok Sabha for excellent work in the field of education and Physiotherapeutic Sciences during the 123rd birth anniversary celebrations of Pandit Shriram Sharma ji organized by Pandit Shriram Sharma Vichar Manch, at Rohtak, Haryana on Olst October 2022.

Publications: Articles, Book/ Book Chapters & Patents

Articles

- 1. Aarti, Rai RH, Kalra S. Awareness towards Physiotherapy among General Public in rural areas. Indian Journal of Physiotherapy and Rehabilitation Science. 2023;2(1):21-26.
- 2. Aasim, Sharma R, Patil CR, Kumar A, Sharma K. Identification of vaccine candidate against Omicron variant of SARS-CoV-2 using immunoinformatic approaches. In Silico Pharmacology. 2022;10(1):12.
- Aggarwal G, Jaimini A, Jain GK, Mittal G. Scintigraphic Evaluation of Topical Therapeutic Interventions, Using 99m Tc-Sulfur Colloid as 'Mock Venom' Agent, in Preclinical Model of Peripheral Snakebite Envenoming. Current Trends in Biotechnology & Pharmacy. 2023;17.
- 4. Aggarwal G, Jain V, Ajmera P, Garza-Reyes JA. Modeling and analysing the barriers to the acceptance of energy-efficient appliances using an ISM-DEMATEL approach. Journal of Modelling in Management. 2022.
- 5. Ahmed S, Musyuni P, Aggarwal G. A retrospective analysis on the product recall due to solvent and mineral residue issues. Journal of Generic Medicines. 2023;19(1):10-22.
- Ajmera P, Kalra S, Mohapatra SC, Yadav J. Health and Fitness of Postmenopausal Women in Urban versus Rural Gurugram: A Cross-Sectional Study. Journal of Mid-life Health. 2022;13(4):317.
- Ajmera P, Miraj M, Kalra S, Goyal RK, Chorsiya V, Shaik RA, et al. Impact of telehealth interventions on physiological and psychological outcomes in breast cancer survivors: A meta-analysis of randomised controlled trials. Frontiers in Oncology. 2023;12:1017343.
- 8. 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;100103.
- 9. 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. 2023;17(1):17-24.

- 10. Alshahrani SM, Thotakura N, Sharma S, Quadir SS, Chaurawal N, Sharma S, et al. Influence of Nanocarrier Type on the Drug Delivery Aspects of Docetaxel: Empirical Evidences. Journal of Pharmaceutical Innovation. 2022;1-2.
- 11. Alshahrani SM, Thotakura N, Sharma S, Quadir SS, Chaurawal N, Sharma S, Chitkara D, Raza K. Influence of Nanocarrier Type on the Drug Delivery Aspects of Docetaxel: Empirical Evidences. Journal of Pharmaceutical Innovation. 2022;1-12.
- 12. Anuradha U, Kumar A, Singh RK. The clinical correlation of proinflammatory and antiinflammatory biomarkers with Alzheimer disease: A meta-analysis. Neurological Sciences. 2022;43(1):285-298.
- Aquil M, Bishnoi M, Chauhan MK. Swift and precise determination of rifampicin by RP-HPLC technology development in pharmaceuticals. Iranian Journal of Science. (Accepted).
- Ashique S, Garg A, Mishra N, Raina N, Long Chiau Ming, Tulli HS, Behl T, Rani R, Gupta M. Nanotheranostics: A promising strategy for treatment and management of nonsmall cell lung cancer (NSCLC). Naunyn-Schmiedeberg's Archives of Pharmacology. (In Press).
- Ashique S, Garg A, Mishra N, Raina N, Long Chiau Ming, Tulli HS, Behl T, Rani R, Gupta M. Nano-mediated strategy for targeting and treatment of non-small cell lung cancer (NSCLC). Naunyn-Schmiedeberg's Archives of Pharmacology. (In Press).
- Attri A, Taleuzzaman M, Verma S. Microwaveassisted 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;20(6). doi: 10.2174/1570180819 666220517084707.
- Bagwe-Parab S, Yadav P, Buttar HS, Popli H, Kaur G. Therapeutic Applications of Bovine Colostrum Supplements, Omega-3

PUFAs, and Flavonoids in the Prevention of Noncommunicable Diseases. Handbook of Nutraceuticals and Natural Products: Biological, Medicinal, and Nutritional Properties and Applications. 2022;2:383-396.

- Bharti S, Zakir F, Mirza MA, Aggarwal G. Antifungal biofilm strategies: a less explored area in wound management. Current Pharmaceutical Biotechnology. 2022;23(12):1497-1513.
- 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;24(4):320-331.
- Biswas L, Yadav M, Singh P, Talegaonkar S, Verma AK. Macrophage Targeting by Nanocarriers for Therapy of Autoimmune Diseases. Macrophage Targeted Delivery Systems: Basic Concepts and Therapeutic Applications. 2022;317-337.
- Boonhok R, Sangkanu S, Phumjan S, Jongboonjua R, Sangnopparat N, Kwankaew P, Tedasen A, Lim CL, de Lourdes Pereira M, Rahmatullah M, Wilairatana P, Gupta M, Nissapatorn V. Curcumin effect on Acanthamoeba triangularis encystation under nutrient starvation. PeerJ. 2022;10:e13657.
- 22. Chakole CM, Chauhan MK. Traditional Herbs for COVID-19: A Paradigm Shift from Immunomodulatory to Antiviral Potential. Coronaviruses. 2023 (Accepted).
- 23. Chand P, Kumar H, Jain R, Jain A, Jain V. Flavonoids: As omnipotent candidates for cancer management. South African Journal of Botany. 2023;158:334-346.
- 24. Chhabra J, Chopra H, Pahwa R, Raina N, Wadhwa K, Saini S, Emran TB. Potential of nanoemulsions for accelerated wound healing: innovative strategies. International Journal of Surgery. 2023;10-1097.
- 25. Chinta PK, Tambe S, Umrani D, Pal AK, Nandave M. Effect of parthenolide, an NLRP3 inflammasome inhibitor, on insulin resistance in high-fat diet-obese mice. Canadian Journal of Physiology and Pharmacology. 2022;100(3):272-281.
- 26. Chitkara A, Mangla B, Kumar P, Javed S, Ahsan W, Popli H. Design-of-Experiments (DoE)-Assisted Fabrication of Quercetin-Loaded Nanoemulgel and Its Evaluation against Human Skin Cancer Cell Lines. Pharmaceutics. 2022;14(11):2517.
- 27. Das A, Agarwal P, Jain G, Aggarwal G, Lather

42

V, Pandita D. Repurposing Drugs as Novel Triple-negative Breast Cancer Therapeutics. Anti-Cancer Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry-Anti-Cancer Agents). 2022;22(3):515-550.

- 28. Deep A, Kumar D, Bansal N, Narasimhan B, Marwaha RK, Sharma PC. Understanding mechanistic aspects and therapeutic potential of natural substances as anticancer agents. Phytomedicine Plus. 2023;27:100418.
- 29. Dolma KG, Khati R, Paul AK, Rahmatullah M, de Lourdes Pereira M, Wilairatana P, Goyal RK. Virulence characteristics and emerging therapies for biofilm-forming Acinetobacter baumannii: A review. Biology. 2022;11(9):1343.
- 30. Dubey P, Pathak DP, Ali F, Chauhan G. 1, 3, 5 and 1, 2, 4-triazines as Potent Scaffolds for Molecules Potentially Attenuating Breast Cancer Cell Lines. Current Organic Chemistry. 2022;26(24):2188-2202.
- 31. Fatima M, Abourehab MA, Aggarwal G, Jain GK, Sahebkar A, Kesharwani P. Advancement of cell-penetrating peptides in combating triple-negative breast cancer. Drug Discovery Today. 2022;103353.
- 32. Gandhi A, Pandey NK, Verma S, Singh SK, Kumar B, Vikash B, Sudhakar CK. Microwave-assisted Synthesis of Acrylamide Grafted Polymeric Blend of Fenugreek Gum and its Characterization. Nanoscience & Nanotechnology-Asia. 2022;12(4):60-70.
- 33. Ganesh GS, Mishra M, Dalei NN, Khan S, Ranjan R, Dhiman S. Role of social media tools in online teaching: perception of physiotherapy students and knowledge translation. Bulletin of Faculty of Physical Therapy. 2022;27(1):7.
- 34. Garg A, Posa MK, Kumar A. Diabetes and deaths of COVID-19 patients: systematic review of meta-analyses. Health Sciences Review. 2023;100099.
- Gaurav I, Thakur A, Kumar G, Long Q, Zhang K, Sidu RK, Yang Z. Delivery of Apoplastic Extracellular Vesicles Encapsulating Green-Synthesized Silver Nanoparticles to Treat Citrus Canker. Nanomaterials. 2023;13(8):1306.
- Gautam D, Dolma KG, Khandelwal B, Gupta M, Singh M, Mahboob T, Nissapatorn V. Green synthesis of silver nanoparticles using Ocimum sanctum Linn. and its antibacterial activity against multidrug resistant Acinetobacter baumannii. PeerJ. 2023;11:e15590.
- 37. Gowda NV, Bhosale S, Kumar A. Acute Toxicity Study of 5, 11-Dihydroindolo [3, 2-ß] carbazole

as per OECD Regulatory Guidelines. Current Drug Discovery Technologies. 2023;20(1):14-20.

- Goyal M, Talegaonkar S. Design and Development of Novel Biopolymeric Nanoparticles Based Film Forming Spray for Effective Drug Delivery of Curcumin for Treatment of Wound Infection. Current Trends in Biotechnology & Pharmacy. 2023;17.
- Grover R, Drall S, Poonia N, Jain G, Aggarwal G, Lather V, Goyal RK. CD44 and CD133 aptamer directed nanocarriers for cancer stem cells targeting. European Polymer Journal. 2022;111770.
- 40. Gulsheen P, Batra S, Sharma S. Automation: A revolutionary vision of artificial intelligence in theranostics. Bulletin du Cancer. 2022.
- 41. Gulsheen P, Batra S, Sharma S. Automation: A revolutionary vision of artificial intelligence in theranostics. Bulletin du Cancer. 2023;110(2):233-241.
- 42. Gupta M, Hund S, Pillai V, Samant S, Gupta MP. Sirt6 activation blocks LPS induced expression of inflammatory cytokines in cardiac cells. The FASEB Journal. 2022;36.
- 43. Gupta M, Sharma V, Sharma K, Kumar A, Sharma A, Kazmi I, Dua K. A kNGR peptide-tethered lipid-polymer hybrid nanocarrier-based synergistic approach for effective tumor therapy: development, characterization, ex-vivo, and in-vivo assessment. Pharmaceutics. 2022;14(7):1401.
- 44. Gupta M, Wahi A, Sharma P, Nagpal R, Raina N, Kaurav M, Nissapatorn V. Recent advances in cancer vaccines: challenges, achievements, and futuristic prospects. Vaccines. 2022;10(12):2011.
- 45. Jain D, Sharma G, Kumar A. Adverse effects of proton pump inhibitors (PPIs) on the renal system using data mining algorithms (DMAs). Expert Opinion on Drug Safety. 2023;1-12.
- 46. Jain P, Thota A, Saini PK, Raghuvanshi RS. Comprehensive Review on Different Analytical Techniques for HIV 1-Integrase Inhibitors: Raltegravir, Dolutegravir, Elvitegravir and Bictegravir. Critical Reviews in Analytical Chemistry. 2022;23:1-5.
- 47. Jain S, Goyal RK, Ajmera P, Mozhi RA. Myofascial pain syndrome of the occipitofrontalis muscle and its ophthalmological implications. Indian Journal of Ophthalmology-Case Reports. 2023;3(1):142.

- 48. Jain S, Goyal RK, Ajmera P, Mozhi pain syndrome RA. Myofascial of the occipitofrontalis muscle its and implications. ophthalmological Indian Journal of Ophthalmology-Case Reports. 2023;3(1):142.
- 49. Jain V, Ajmera P, Suhaib M. Modelling the factors affecting the QoWL in the employees of manufacturing organisations in India using ISM approach. International Journal of Process Management and Benchmarking. 2023;14(1):1-22.
- 50. Jain V, Phoghat S, Ajmera P, Sirvi A. Modeling the barriers of Indian healthcare supply chain management using ISM. International Journal of Supply and Operations Management. 2022;9(3):321-337.
- 51. Javed F, Kumar A. Identification of signal of clindamycin associated renal failure acute: A Disproportionality Analysis. Current Drug Safety. 2023. doi: 10.2174/15748863186662302 28142856
- 52. Javed S, Ahsan W, Talegaonkar S, Ahmad FJ. Fabrication and characterization of minocycline loaded chitosan microspheres by central composite design for the local delivery in periodontal pockets. Acta Poloniae Pharmaceutica. 2022;79(5).
- 53. Javed S, Mangla B, Ahsan W. From propolis to nanopropolis: An exemplary journey and a paradigm shift of a resinous substance produced by bees. Phytotherapy Research. 2022;36(5):2016-2041.
- 54. Javed S, Mangla B, Almoshari Y, Sultan MH, Ahsan W. Nanostructured lipid carrier system: A compendium of their formulation development approaches, optimization strategies by quality by design, and recent applications in drug delivery. Nanotechnology Reviews. 2022;11(1):1744-1777.
- 55. 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.
- 56. Joshi D, Khursheed R, Gupta S, Wadhwa D, Singh TG, Sharma S, Singh SK. Biosimilars in Oncology: Latest Trends and Regulatory Status. Pharmaceutics. 2022;14(12):2721.
- 57. Joshi H, Gupta DS, Abjani NK, Kaur G, Mohan CD, Kaur J, Tuli HS. Genistein: a promising modulator of apoptosis and survival signaling in cancer. Naunyn-Schmiedeberg's Archives of Pharmacology. 2023:1-18.

- 58. Joshi H, Gupta DS, Kaur G, Singh T, Ramniwas S, Sak K, Tuli HS. Nanoformulations of quercetin for controlled delivery: a review of preclinical anticancer studies. Naunyn-Schmiedeberg's Archives of Pharmacology. 2023:1-16.
- 59. Kalra S, Aggarwal G, Pawaria S, Yadav S, Ajmera P. Psychological health of postmenopausal women: a bibliometric analysis in the recent decade. Climacteric. 2023;27:1-9.
- 60. Kalra S, Miraj M, Ajmera P, Shaik RA, Seyam MK, Shawky GM, Alasiry SM, Mohamed EH, Alasiri HM, Alzhrani M, Alanazi A. Effects of yogic interventions on patients diagnosed with cardiac diseases: a systematic review and meta-analysis. Frontiers in Cardiovascular Medicine. 2022;9:942740.
- 61. Kanjarla N, Pasupuleti B, Boggula N, Kusuma PK, Kothapally D, Gone V, Kiran G. A HPLC-MS/ MS method for the determination of Nadolol in rat plasma: Development, validation, and application to pharmacokinetic study. European Journal of Mass Spectrometry. 2023;29(3):170-180.
- 62. Kanoujia J, Das A, Raina N, Kaur G, Singh SK, Tuli HS, Gupta M. Recent advances in BCRPinduced breast cancer resistance treatment with marine-based natural products. IUBMB Life. 2023. doi: 10.1002/iub.2764.
- 63. Karande S, Sharma K, Kumar A, Charan S, Patil C, Sharma A. Potential Role of Biopeptides in the Treatment of Idiopathic Pulmonary Fibrosis. Health Sciences Review. 2023;100081.
- 64. Kate A, Seth E, Singh A, Chakole CM, Chauhan MK, Singh RK, Maddalwar S, Mishra M. Artificial Intelligence for Computer-Aided Drug Discovery. Drug Research. 2023.
- 65. Kaur M, Nagpal M, Aggarwal G. Nanotechnology for Targeted Drug Delivery to Treat Osteoporosis. Current Drug Targets. 2023;24(1):2-12.
- 66. Kaur M, Sharma A, Puri V, Aggarwal G, Maman P, Huanbutta K, Sangnim T. Chitosan-Based Polymer Blends for Drug Delivery Systems. Polymers. 2023;15(9):2028.
- 67. Kaur P, Vyas M, Verma S. Dental Caries: A Review on Etiology, Therapeutic Approaches, Novel Formulations, and Marketed Preparations. ECS Transactions. 2022;107(1):8035.
- 68. Kaurav M, Kanoujia J, Gupta M, Goyal P, Pant S, Rai S, Ghai R. In-depth analysis of the chemical composition, pharmacological

effects, pharmacokinetics, and patent history of mangiferin. Phytomedicine Plus. 2023;100445.

- 69. Kesharwani P, Chadar R, Shukla R, Jain GK, Aggarwal G, Abourehab MA, Sahebkar A. Recent advances in multifunctional dendrimer-based nanoprobes for breast cancer theranostics. Journal of Biomaterials Science, Polymer Edition. 2022;33(18):2433-2471.
- Khan R, Mirza MA, Aqil M, Hassan N, Zakir F, Ansari MJ, Iqbal Z. A Pharmaco-Technical Investigation of Thymoquinone and Peat-Sourced Fulvic Acid Nanoemulgel: A Combination Therapy. Gels. 2022;8(11):733.
- Khatri DK, Preeti K, Tonape S, Bhattacharjee S, Patel M, Shah S, Singh PK, Srivastava S, Gugulothu D, Vora L, Singh SB. Nanotechnological advances for nose to brain delivery of therapeutics to improve the Parkinson therapy. Current Neuropharmacology. 2023;21(3):493-516.
- 72. Kulkarni N, Jain P, Shindikar A, Suryawanshi P, Thorat N. Advances in the colon-targeted chitosan based multiunit drug delivery systems for the treatment of inflammatory bowel disease. Carbohydrate Polymers. 2022;288:119351.
- 73. Kumar D, Basu S, Goyal RK, Sahoo PK, Mathur R. Comparison of adverse effects of trastuzumab with other drug combinations for the treatment of breast cancer: a review. Indian Journal of Physiology and Pharmacology. 2022;66(1):1-15.
- 74. Kumar D, Singh H, Jain A, Sharma V, Bhardwaj N, Puri S, Khatri M. Response surface methodology for removal of copper (II) ions from aqueous solutions by DMSA@ SiO2@ Fe3O4 nanocomposite. Chemical Papers. 2023;77(4):1907-20.
- 75. Kumar D, Talegaonkar S, Bedi S, Dubey K. Design, development and evaluation of selfmicroemulsifying drug delivery system of pazopanib for enhanced dissolution rate and cytotoxic potential. Journal of Drug Delivery Science and Technology. 2023;80:104181.
- 76. Kumar KP, Marathakam A, Patnaik S, Kumar S, Sahithi A, Priya DS, Dogra P. An insight of development and validation of bioanalytical method in the reference of anticancer drugs by using LC-MS/MS. International Journal of Health Sciences. 2022;6:6349-61.
- 77. Kumar KP, Nihal P, Bandari N, Iswariya VT, Rana R, Kaushik S. The role of lipid based nanoparticles in brain targeted drug delivery

system: An overview. International Journal of Health Sciences. 2022;6(S4):2924-40.

- Kumar KP, Singh B, Malini KV, Ranjan A, Bonde SD, Rout S, Firos A. lot And Machine Learning Based Effective Plant Disease Classification And Detection For Agricultural Applications. International Journal of Food and Nutritional Sciences. 2022;11(11):415-423.
- 79. Kumar L, Verma S, Joshi K, Sharma S. Exploring the Therapeutic Potential of Anticancer Heterocyclic Compounds: Role in Nanoscale Pharmacotherapy. Critical Reviews[™] in Therapeutic Drug Carrier Systems. 2023;40(3).
- 80. Kumar L, Verma S, Joshi K, Sharma S. Exploring the Therapeutic Potential of Anticancer Heterocyclic Compounds: Role in Nanoscale Pharmacotherapy. Critical Reviews[™] in Therapeutic Drug Carrier Systems. 2023;40(3).
- Kumar P, Mangla B, Beg S, Afzal O, Altamimi ASA, Almalki WH, Aggarwal G. Optimization and validation of stability indicating RP-HPLC method for the quantification of gefitinib in bulk drug and nanoformulations: An application towards in vitro and ex vivo performance evaluation. Arabian Journal of Chemistry. 2022;15(12):104333.
- 82. 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;18(4):448-469.
- 83. Kumar P, Mangla B, Javed S, Ahsan W, Musyuni P, Sivadasan D, Aggarwal G. A review of nanomaterials from synthetic and natural molecules for prospective breast cancer nanotherapy. Frontiers in Pharmacology. 2023;14:1149554.
- 84. Kumar R, Kumar R, Khurana N, Singh SK, Khurana S, Verma S, Sharma N, Vyas M, Dua K, Khursheed R, Awasthi A, Vishwas S. Improved neuroprotective activity of Fisetin through SNEDDS in ameliorating the behavioral alterations produced in rotenone-induced Parkinson's model. Environmental Science and Pollution Research. 2022;29(33):50488-50499.
- 85. Kumar R, Mirza MA, Naseef PP, Kuruniyan MS, Zakir F, Aggarwal G. Exploring the potential of natural product-based nanomedicine for maintaining oral health. Molecules. 2022;27(5):1725.

- Kumar S, Mazhar M, Jogpal V, Yadav S, Jarag RJ, Bhatt S, Patil CR. Active constituents of herbal medicines for breast cancer: Current status. Journal of Applied Pharmaceutical Science. 2023;13(8):030-042.
- 87. Kumar V, Kumar S, Sharma PC. Recent advances in the vaccine development for the prophylaxis of SARS Covid-19. International Immunopharmacology. 2022 Aug 17:109175.
- 88. Kumar V, Kumar Y, Huria R, Kumar S, Kalson T, Jangra D, Mangla B. Herbal Medicines Used for the Management of COVID-19. Coronaviruses. 2023;4(1):49-67.
- 89. Kumar V, Mangla B, Javed S, Ahsan W, Kumar P, Garg V, Dureja H. Bromelain: A review of its mechanisms, pharmacological effects and potential applications. Food & Function. 2023.
- 90. Kumari A, Mittal L, Srivastava M, Pathak DP, Asthana S. Deciphering the Structural Determinants Critical in Attaining the FXR Partial Agonism. The Journal of Physical Chemistry B. 2023;127(2):465-851.
- 91. Kumari A, Raina N, Wahi A, Goh KW, Sharma P, Nagpal R, Gupta M. Wound-Healing Effects of Curcumin and Its Nanoformulations: A Comprehensive Review. Pharmaceutics. 2022;14(11):2288.
- 92. Kushwah H, Sandal N, Chauhan M, Mittal G. Fabrication, characterization and efficacy evaluation of natural gum-based bioactive haemostatic gauzes with antibacterial properties. Journal of Biomaterials Applications. 2023;37(8):1409-22.
- 93. Kusuma PK, Shinde VA, Pachar S, Ratan J, Pipil P. "Chemical Reactions and Catalysis for Creating A Sustainable Future" Eur. Chem. Bull. 2023, 12(Regular Issue 5), 01–07.
- 94. Langeh U, Kumar V, Kumar A, Kumar P, Singh C, Singh A. Cellular and mitochondrial quality control mechanisms in maintaining homeostasis in aging. Rejuvenation Research. 2022;25(5):208-222.
- 95. Ling SP, Ming LC, Dhaliwal JS, Gupta M, Ardianto C, Goh KW, Shafqat N. Role of Immunotherapy in the treatment of cancer: A systematic review. Cancers. 2022;14(21):5205.
- Maddheshiya S, Ahmad A, Ahmad W, Zakir F, Aggarwal G. Essential oils for the treatment of skin anomalies: Scope and potential. South African Journal of Botany. 2022;151:187-197.
- 97. Majeed J, Yadav S, Garg RG, 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). 2023.

- 98. Manchanda N, Aggarwal A, Setya S, Talegaonkar S. Digital Intervention for the Management of Alzheimer's Disease. Current Alzheimer Research. 2022;19(14):909-932.
- 99. Mangla B, Javed S, Sultan MH, Ahsan W, Aggarwal G, Kohli K. Nanocarriers-assisted needle-free vaccine delivery through oral and intranasal transmucosal routes: A novel therapeutic conduit. Frontiers in pharmacology. 2022;12:757761.
- 100. Mangla B, Javed S, Sultan MH, Ahsan W, Aggarwal G, Kohli K. Nanocarriers-assisted needle-free vaccine delivery through oral and intranasal transmucosal routes: A novel therapeutic conduit. Front Pharmacol. 2022;12:757761.
- 101. Mangla B, Kumar P, Goyal K, Kohli K, Jindal S. Breast Cancer Therapy by Combinatorial Herbo-Synthetic Nanocarrier. In: Bioactive-Loaded Nanomedicine for the Management of Health and Disease; 2022. p. 61-85.
- 102. Meena V, Gull A, Jain N, Madan S, Kumar D, Mathur R, Rajput SK. Development and Assessment of Mitoxantrone and 4-Methyl Umbelliferone Nanoemulsions for Chemotherapeutic Potential on MCF-7 Cell Line. J Res Pharm. 2022;26(3):469-482.
- 103. Miglani A, Saini C, Musyuni P, Aggarwal G. A review and analysis of product recall for pharmaceutical drug product. J Generic Med. 2022;18(2):72-81.
- 104. Mishra L, Talegaonkar S, Rai M, Occhiutto ML, Mishra M. Nanotechnology in the diagnosis of ocular diseases, drug delivery, and therapy: challenges and opportunities. In: Nanotechnology in Ophthalmology; 2023. p. 3-19.
- 105. 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. J Pharm Innov. 2022;1-13.
- 106. Mumtaz SM, Goyal RK, Ameen AN, Alexandrovich BI, Gupta M. Animal Placental Therapy: An Emerging Tool for Health Care. Curr Tradit Med. 2022;8(4):20-30.
- 107. Musyuni P, Bai J, Sheikh A, Vasanthan KS, Jain GK, Abourehab MA, Pandita D. Precision

medicine: Ray of hope in overcoming cancer multidrug resistance. Drug Resist Updat. 2022;100889.

- 108. Musyuni P, Nagpal M, Singh M, Goyal RK, Aggarwal G. Nanotechnology Enabled Solutions to Combat Covid-19: Prevention, Treatment, and Diagnosis. Curr Pharm Biotechnol. 2022;23(1):98-111.
- 109. Musyuni P, Sharma R, Aggarwal G. Optimizing drug discovery: an opportunity and application with reverse translational research. Health Sci Rev. 2022;100074.
- 110. Nandave M, Acharjee R, Bhaduri K, Upadhyay J, Rupanagunta GP, Ansari MN. A pharmacological review on SIRT1 and SIRT2 proteins, activators, and inhibitors: Call for further research. Int J Biol Macromol. 2023;124581. Advance online publication. https://doi.org/10.1016/j.ijbiomac.2023.124581.
- 111. Narang K, Rai RH, Walia H. Balance score assessment in menstrual phase vs late follicular phase of reproductive cycle. Indian J Physiother Rehabil Sci (IJPTRS). 2022;1(1):8-14.
- 112. Neha SL, Mishra AK, Rani L, Verma SP, Sahoo PK. Characterization and HPLC Method Validation for Determination of Dopamine Hydrochloride in Prepared Nano Particles and Pharmacokinetic Application. Anal Chem Lett. 2022;12(4):528-41.
- 113. Ojha B, Jain VK, Gupta S, Talegaonkar S, Jain K. Nanoemulgel: A promising novel formulation for treatment of skin ailments. Polymer Bull. 2022;79(7):4441-4465.
- 114. Pal AK, Sharma P, Zia A, Siwan D, Nandave D, Nandave M, Gautam RK. Metabolomics and EMT Markers of Breast Cancer: A Crosstalk and Future Perspective. Pathophysiology. 2022;29(2):200-222.
- 115. Pant A, Sharma G, Saini S, Jain A, Barnwal RP, Singh G, Singh B. Quality by design-steered development and validation of analytical and bioanalytical methods for raloxifene: Application of Monte Carlo simulations and variance inflation factor. Biomed Chromatogr. 2023;37(8):e5641.
- 116. Parekh N, Garg A, Choudhary R, Gupta M, Kaur G, Ramniwas S, Sethi G. The Role of Natural Flavonoids as Telomerase Inhibitors in Suppressing Cancer Growth. Pharmaceuticals. 2023;16(4):605.
- 117. Parveen A, Kalra S, Jain S. Effects of Pilates on health and well-being of women: a systematic review. Bull Fac Phys Ther. 2023;28(1):1-2.

- 118. Parveen D, Das A, Amin S, Alam MM, Akhter M, Ahmed Khan M, Ali R, Anwer T, Sheikh KA, Azam F, Shaquiquzzaman M. Effectiveness of estrogen and its derivatives over dexamethasone in the treatment of COVID-19. J Biomol Struct Dyn. 2023;22:1-7.
- 119. Patel P, Kumar K, Jain VK, Popli H, Yadav AK, Jain K. Nanotheranostics for Diagnosis and Treatment of Breast Cancer. Curr Pharm Des. 2023;29(10):732-747.
- 120. Paudel K, Patel V, Vishwas S, Gupta S, Sharma S, Chan Y, Jha NK, Shrestha J, Imran M, Panth N, Shukla SD. Nutraceuticals and COVID-19: A mechanistic approach toward attenuating the disease complications. J Food Biochem. 2022;46(12):e14445.
- 121. Paudel KR, Patel V, Vishwas S, Gupta S, Sharma S, Chan Y, Jha NK, Shrestha J, Imran M, Panth N, Shukla SD. Nutraceuticals and COVID-19: A mechanistic approach toward attenuating the disease complications. J Food Biochem. 2022 Dec;46(12):e14445.
- 122. Paul AK, Lim CL, Apu MA, Dolma KG, Gupta M, de Lourdes Pereira M, Wilairatana P, Rahmatullah M, Wiart C, Nissapatorn V. Are Fermented Foods Effective against Inflammatory Diseases?. Int J Environ Res Public Health. 2023;20(3):2481.
- 123. Pinjala P, Tryphena KP, Prasad R, Khatri DK, Sun W, Singh SB, Gugulothu D, Srivastava S, Vora L. CRISPR/Cas9 assisted stem cell therapy in Parkinson's disease. Biomater Res. 2023;27(1):46.
- 124. Prasad, V., Siddiqui, L., Mishra, P. K., Ekielski, A., & Talegaonkar, S. (2022). Recent advancements in lignin valorization and biomedical applications: A patent review. Recent Patents on Nanotechnology, 16(2), 107-127.
- 125. 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 & Neurol Disord-Drug Targets. 2023;22(6):932-43.
- 126. Rai RH, Mehta V, Asif M, Goyal RK, Balodhi A, Manglik P. Narrative review on effects of physical training on risk of cardiometabolic diseases. Physiotherapy: J Indian Assoc Physiotherapists. 2022;16(1):4.
- 127. Rai RH, Singh RB, Mehta V, Sakshi, Asif M, Goyal K, Chahal A. Impact of exercise training duration on obesity and cardiometabolic biomarkers: A systematic review. J Diabetes Metab Disord. 2023;22(1):155-174.

- 128. Raina N, Bhatia M, Rimpy, Pahwa R, Gupta M, Kumar M. Preparation of Salbutamol Sulphate Loaded Locust Bean Gum -Polyvinyl Alcohol Composite Cryogel for Drug Delivery. Int J Appl Pharm. 44816 (In Press).
- 129. Raina N, Pahwa R, Thakur VK, Gupta M. Polysaccharide-based hydrogels: New insights and futuristic prospects in wound healing. Int J Biol Macromol. 2022.
- 130. Raina P, Basu S, Goyal RK, Sahoo PK, Mathur R. Systematic Review and Meta-Analysis: Comparing the Safety of Natalizumab, Ocrelizumab, and Alemtuzumab in Treating Relapsing–Remitting, Primary Progressive, and Secondary Progressive Multiple Sclerosis. J Pharmacol Pharmacother. 2022;13(1):14-23.
- 131. Raina, N., Pahwa, R., Bhattacharya, J., Paul, A. K., Nissapatorn, V., de Lourdes Pereira, M., Gupta, M. (2022). Drug Delivery Strategies and Biomedical Significance of Hydrogels: Translational Considerations. Pharmaceutics, 14(3), 574.
- Raina, N., Pahwa, R., Khosla, J. K., Gupta, P. N., & Gupta, M. (2021). Polycaprolactone-based materials in wound healing applications. Polymer Bulletin, 1-23.
- 133. Raina, N., Rani, R., Thakur, V. K., & Gupta, M. (2023). New Insights in Topical Drug Delivery for Skin Disorders: From a Nanotechnological Perspective. ACS Omega.
- 134. Raina, N., Shiekh, P. A., Kumar, A., Singh, M. S., Gupta, P. K., & Gupta, M. (2023). Oxygengenerating nanomaterials for chronic wound management. Nanomedicine, 18(11), 845-847.
- 135. Raina, N., Yadav, M., Rani, R., Ojha, B., Bhardwaj, B. Y., & Gupta, M. (2022). Status epilepticus: an overview for neuroscientists. Curr Pharmacol Rep. 1-12.
- 136. Rana B, Sharma S, Batra S. Targeted Nano Size Vesicles to Colon: A State of Art. ECS Trans. 2022;107(1):10259.
- 137. Ranga A, Gupta A, Yadav L, Kumar S, Jain P. Advancing beyond reverse transcriptase inhibitors: The new era of hepatitis B polymerase inhibitors. Eur J Med Chem. 2023;257:115455.
- 138. Rani R, Raina N, Sharma A, Kumar P, Tulli HS, Gupta M. Advancement in nanotechnology for treatment of rheumatoid arthritis: scope and potential applications. Naunyn-Schmiedeberg's Arch Pharmacol. 2023;1-24.

- 139. Rathi R, Nagpal M, Kaur M, Ballouria P, Dutta R, Aggarwal G, Arora S. Treatment of Tuberculosis in Nano Era: Recent Avenues. Curr Bioact Compd. 2022;18(7):13-26.
- 140. Reang J, Sharma K, Sharma PC, Yadav V, Sharma V, Majeed J. Discovery of VEGFR inhibitors through virtual screening and energy assessment. J Biochem Mol Toxicol. 2023;19:e23321.
- 141. Rupanagunta GP, Nandave M, Rawat D, Upadhyay J, Rashid S, Ansari MN. Postpartum depression: Aetiology, pathogenesis, and the role of nutrients and dietary supplements in prevention and management. Saudi Pharm J (SPJ). 2023;31(7):1274.
- 142. Sah A, Naseef PP, Kuruniyan MS, Jain GK, Zakir F, Aggarwal G. A Comprehensive Study of Therapeutic Applications of Chamomile. Pharmaceuticals. 2022;15(10):1284.
- 143. Sahu M, Sharma AK, Sharma G, Kumar A, Nandave M, Babu V. Facile synthesis of bromelain copper nanoparticles to improve the primordial therapeutic potential of copper against acute myocardial infarction in diabetic rats. Can J Physiol Pharmacol. 2022;100(3):210-219.
- 144. Sahu S, Patil CR, Kumar S, Apparsundaram S, Goyal RK. Role of ACE2-Ang (1–7)-Mas axis in post-COVID-19 complications and its dietary modulation. Mol Cell Biochem. 2022;1-16.
- 145. Saini C, Miglani A, Musyuni P, Aggarwal G. Review of form 483s and warning letters to pharmaceutical manufacturers issued by USFDA. J Generic Med. 2022;18(1):32-41.
- 146. Sama-ae I, Sangkanu S, Siyadatpanah A, Norouzi R, Chuprom J, Mitsuwan W, Surinkaew S, Boonhok R, Paul AK, Mahboob T, Abtahi NS, Gupta M, et al. Targeting Acanthamoeba proteins interaction with flavonoids of Propolis extract by in vitro and in silico studies for promising therapeutic effects. F1000Res. 2022;11:1274.
- 147. Sharma A, Arora K, Chaurasia K, Siddiqui L, Goel H, Talegaonkar S. Dermal Nano-Phytomedicines: A Tool Alluring Towards Plausible Treatment of Photoaging. Current Nanoscience. 2023;19(4):525-548.
- 148. Sharma A, Kumar A. Identification of novel signal of clobazam-associated drug reaction with eosinophilia and systemic symptoms syndrome: A disproportionality analysis. Acta Neurologica Scandinavica. 2022;146(5):623-627.
- 149. Sharma A, Roy S, Sharma R, Kumar A. Association of antiviral drugs and their

48

possible mechanisms with DRESS syndrome using data mining algorithms. Journal of Medical Virology. 2023;95(3):e28671.

- 150. Sharma A, Sharma D, Saini N, Sharma SV, Thakur VK, Goyal RK, Sharma PC. Recent advances in synthetic strategies and SAR of thiazolidin-4-one containing molecules in cancer therapeutics. Cancer Metastasis Rev. 2022;19:1-43.
- 151. Sharma D, Sharma N, Manchanda N, Prasad SK, Sharma PC, Thakur VK, Rahman MM, Dhobi M. Bioactivity and In Silico Studies of Isoquinoline and Related Alkaloids as Promising Antiviral Agents: An Insight. Biomolecules. 2022;13(1):17.
- 152. Sharma D, Srivastava S, Kumar S, Sharma PK, Hassani R, Dailah HG, et al. Biodegradable Electrospun Scaffolds as an Emerging Tool for Skin Wound Regeneration: A Comprehensive Review. Pharmaceuticals. 2023;16(2):325.
- 153. Sharma F, Kalra S, Rai R, Chorsiya V, Dular S. Work-related Musculoskeletal Disorders, Workability and its Predictors among Nurses Working in Delhi Hospitals: A Multicentric Survey. Journal of Clinical & Diagnostic Research. 2022;16(10).
- 154. Sharma K, Yadav V, Reang J, Sharma K, Tonk RK, Jain P and Verma S. Overview of the Current Advancements and Trends in the Transungual Drug Delivery System, Letters in Drug Design & Discovery 2023; 20. doi: 10.2 174/1570180820666230306140637
- 155. 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;11:1160408.
- 156. Sharma MG, Popli H. Challenges for Lower-Middle-Income Countries in Achieving Universal Healthcare: An Indian Perspective. Cureus. 2023;15(1).
- 157. 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;15(2):326-333.
- 158. Sharma P, Nair J, Sinh A, Shivangi, Velpandian T, Tripathi R, et al. Guava leaf extract suppresses fructose mediated nonalcoholic fatty liver disease in growing rats. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy. 2022;2827-28.
- 159. Sharma R, Kumar A, Majeed J, Thakur AK, Aggarwal G. Drugs Acting on the

Renin-Angiotensin-Aldosterone System (RAAS) and Deaths of COVID-19 Patients: A Systematic Review and Meta-Analysis of Observational Studies. The Egyptian Heart Journal. 2022;74(1):64.

- 160. Sharma R, Patil C, Majeed J, Kumar S, Aggarwal G. Next-generation sequencing in the biodiversity conservation of endangered medicinal plants. Environmental Science and Pollution Research. 2022;29(49):73795-73808.
- 161. Sharma S, Ali K, Narula H, Malhotra N, Rai RH, Bansal N, Balasubramanian K, Kalra S, Sanjeevi RR, Chahal A. Exercise Therapy and Electrotherapy as an Intervention for Primary Dysmenorrhea: A Systematic Review and Meta-Analysis. Journal of Lifestyle Medicine. 2023;13(1):16.
- 162. Sharma S, Basu S, Goyal RK, Sahoo PK, Mathur R. Rituximab, a Safer Option for Rheumatoid Arthritis: A Comparison of the Reported Adverse Events of Approved Monoclonal Antibodies. Journal of Pharmacology and Pharmacotherapeutics. 2022;13(4):330-340.
- 163. Sharma S, Batra S, Gupta S, Sharma VK, Rahman MH, Kamal MA. Persons with co-existing neurological disorders: risk analysis, considerations and management in COVID-19 pandemic. CNS & Neurological Disorders-Drug Targets. 2022;21(3):228-234.
- 164. Sharma S, Kumari N, Garg D, Chauhan S. A Compendium of Bioavailability Enhancement via Niosome Technology. Pharmaceutical Nanotechnology. 2022;11(4):324-338.
- 165. 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. İstanbul Journal of Pharmacy. 2023;53(1):1-9.
- 166. Shekhar N, Tyagi S, Rani S, Thakur AK. Potential of Capric Acid in Neurological Disorders: An Overview. Neurochemical Research. 2023;48(3):697-712.
- 167. Shekhar N, Tyagi S, Thakur AK. Alternative Approaches for the Management of Autism: A Narrative Review. Current Psychiatry Research and Reviews. 2023;19. doi: 10.2174/ 2666082219666230106143424
- 168. Siang CC, Suryadevara N, Selvaraj C, Appalaraju VVSS, Kumari U, Bajaj S. Antioxidant and antibacterial response of hydroalcoholic extract of Plumeria alba leaves. International Journal of Health Sciences. 2022;6(S1):13858-13876.

- 169. Siddiqui L, Hasan N, Mishra PK, Gupta N, Singh AT, Madaan A, et al. CD44 mediated colon cancer targeting multifaceted lignin nanoparticles: Synthesis, in vitro characterization and in vivo efficacy studies. International Journal of Pharmaceutics. 2023;123270.
- 170. Singh AK, Kumar A, Agrawal N, Bhurani D, Ahmed R, Sharma M. Prevalence of Anemia among Chronic Myeloid Leukemia Patients Treated with Imatinib: A Evidencebased Meta-analysis. Current Reviews in Clinical and Experimental Pharmacology. 2023;18(2):148-157.
- 171. Singh AK, Vidyadhari A, Singh H, Haider K, Kumar A, Sharma M. Role of colchicine in the management of COVID-19 patients: A meta-analysis of cohort and randomized controlled trials. Clinical Epidemiology and Global Health. 2022;16:101097.
- 172. Singh JK, Chakraborty S, Nagpal M, Aggarwal G. Herbal Approach for Diabetic Cure and Futuristic Dimension. Current Drug Research Reviews. 2023;15(3):207-221.
- 173. Singh L, Nair L, Kumar D, Arora MK, Bajaj S, Gadewar M, et al. Hypoxia induced lactate acidosis modulates tumor microenvironment and lipid reprogramming to sustain the cancer cell survival. Frontiers in Oncology. 2023;13:1034205.
- 174. 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. (Accepted).
- 175. Singh RB, Tappia PS, Fedacko J, Mojto V, Rai RH, Dhalla NS. Repeated episodes of physical training induced hypoxia, may be associated with improved exercise tolerance in covid-19. MOJ Public Health. 2022;11(1):50-52.
- 176. Sristi, Fatima M, Sheikh A, Almalki WH, Talegaonkar S, Dubey SK, et al. Recent advancement on albumin nanoparticles in treating lung carcinoma. Journal of Drug Targeting. 2023;31(5):486-499.
- 177. Srivastava M, Mittal L, Kumari A, Agrahari AK, Singh M, Mathur R, Asthana S. Characterizing (un)binding mechanism of USP7 inhibitors to unravel the cause of enhanced binding potencies at allosteric checkpoint. Protein Science. 2022;31(9):e4398.
- 178. Srivastava S, Kumar S, Jain S, Mohanty A, Thapa N, Poudel P, et al. The Global

Monkeypox Outbreak: A Comprehensive Review. Vaccines. 2023;11(6):1093.

- 179. Swain L, Kalra S, Rai R, Raghav D. Effect of scapular strengthening exercises on rounded shoulder and neck disability among college students of Delhi NCR. Comparative Exercise Physiology. 2023:1-8.
- 180. Talegaonkar S. #7 Exploring the biosafety profile of novel biopolymeric nanoparticles in drug targeting. Journal of Pharmaceutical Chemistry. 2022;8(Supplement).
- 181. Tambe S, Kumar R, Amin P, Mishra M, Gupta M, Govarthanan K, et al. Current aspects of organoid technology for biomaterial toxicity analysis. Future Medicinal Chemistry. 2023;15(7):579-82.
- 182. 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;11(4):125-133.
- 183. Thakur M, Datusalia AK, Kumar A. Use of steroids in COVID-19 patients: A metaanalysis. European Journal of Pharmacology. 2022;914:174579.
- 184. Thakur S, Sinhari A, Jain P, Jadhav HR. A perspective on oligonucleotide therapy: Approaches to patient customization. Frontiers in Pharmacology. 2022;13:1006304.
- 185. Ting BYS, Fuloria NK, Subrimanyan V, Bajaj S, Chinni SV, Reddy LV, et al. Biosynthesis and response of zinc oxide nanoparticles against periimplantitis triggering pathogens. Materials. 2022;15(9):3170.
- 186. Tiwari N, Aggarwal G, Jain GK, Mittal G. Multidrug loaded microneedles for emergency treatment of snakebite envenomation. Medical Hypotheses. 2022;165:110908.
- 187. Tiwari N, Jaimini A, Jain GK, Aggarwal G, Mittal G. Evaluation of three different 99mTc-based mock-venom agents for lymphoscintigraphy studies in preclinical models of peripheral snakebite envenomation. Journal of Pharmacological and Toxicological Methods. 2023;107280.
- 188. 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;104319.
- 189. 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;119:154976.

- 190. Tomar S, Musyuni P, Aggarwal G. An overview of regulation for nutraceuticals and concept of personalized nutraceuticals. Journal of Generic Medicines. 2023;17411343221150875.
- 191. Tripathi R, Banerjee SK, Nirala JP, Mathur R. Simultaneous exposure to electromagnetic field from mobile phone and unimpeded fructose drinking during pre-, peri-, and postpubertal stages perturbs the hypothalamic and hepatic regulation of energy homeostasis by early adulthood: experimental evidence. Environmental Science and Pollution Research. 2022;29(5):7438-7451.
- 192. Tyagi N, Gupta P, Khan Z, Neupane YR, Mangla B, Mehra N, et al. Superparamagnetic Iron-Oxide Nanoparticles Synthesized via Green Chemistry for the Potential Treatment of Breast Cancer. Molecules. 2023;28(5):2343.
- 193. Tyagi S, Shekhar N, Thakur AK. Protective Role of Capsaicin in Neurological Disorders: An Overview. Neurochemical Research. 2022;47(6):1513-1531.
- 194. Vaish H, Chorsiya V. Influence of parity on six-minute walk test in Indian females. Health Care for Women International. 2023;44(6):753-63.
- 195. Verma P, Joshi H, Singh T, Sharma B, Sharma U, Ramniwas S, et al. Temozolomide and flavonoids against glioma: from absorption and metabolism to exosomal delivery. Naunyn-Schmiedeberg's Archives of Pharmacology. 2023;1-17.
- 196. Verma Ri, Devi K, Qizilbash FF, Verma S, Vyas M, Haque A, Taleuzzaman M. Management of COVID-19 - A Review, Anti-Infective Agents. 2022;20(2).
- 197. Verma S, Tonk RK, Albratty M, Alhazmi HA, Najmi A, Kumar R, Kumar M, Taleuzzaman M, Swami G, Alam MS. Design and evaluation of sustained release mucoadhesive film of sumatriptan succinate containing grafted co-polymer as the platform. Saudi Pharmaceutical Journal. 2022;30(11):1527-37.
- 198. Wadhwa K, Kadian V, Puri V, Bhardwaj BY, Sharma A, Pahwa R, Rao R, Gupta M, Singh I. New insights into quercetin nanoformulations for topical delivery. Phytomedicine Plus. 2022;2(2):100257.
- 199. 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. 2023:108834.

- 200. Yadav N, Kumar U, Roopmani P, Krishnan UM, Sethuraman S, Chauhan MK, Chauhan VS. Ultrashort Peptide-Based Hydrogel for the Healing of Critical Bone Defects in Rabbits. ACS Applied Materials & Interfaces. 2022;14(48):54111-26.
- 201. 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;13(1):73-81.

Book

1. Rupesh K. Gautam and Mukesh Nandave (Editors). Everything You Need to Know About High-Fat Diets, Nova Science Publishers, ISBN: 979-8-88697-601-4, 2023.

Book Chapters

- Aggarwal G, Kaithwas G, Singh M, Goyal RK. Organ-on-a-Chip: Novel In Vitro Model for Drug Discovery. In: Biomedical Translational Research: Drug Design and Discovery. Singapore: Springer Nature Singapore; 2022. p. 73-96.
- Aggarwal G, Musyuni P, Mangla B, Goyal RK. Reverse Translational Approach in Repurposing of Drugs for Anticancer Therapy. In: Drug Repurposing for Emerging Infectious Diseases and Cancer. Singapore: Springer Nature Singapore; 2023. p. 299-328.
- 3. Ahmad R, Swami T, Sharma A, Jain A. Nanocarriers in the Management of Hormonal Cancer. In: Hormone-Related Cancer Mechanistic and Nanomedicines. Springer; 2023. p. 13-48.
- 4. Ajmera P, Kalra S, Mohapatra SC, Yadav J. Health and Fitness of Postmenopausal Women in Urban versus Rural Gurugram: A Cross-Sectional Study. J Mid-life Health. 2022 Oct;13(4):317.
- Alam S, Kalra S, Rai R, Raghav D. Frequency and Associated Factors of Physical Activity and Sleep with Depression in College Going Students. J Dow Univ Health Sci (JDUHS). 2023 Feb 20;17(1):17-24.
- Alex T, Lang DK, Zakir F, Mirza A, Iqbal Z. The Tumor Microenvironment. In: Padhi S, Behera A, Lichtfouse E, editors. Polymeric Nanoparticles for the Treatment of Solid Tumors. Environmental Chemistry for a Sustainable World, vol 71. Springer; November 2022. p. 1-49.
- 7. Ali R, Ahmed F, Chauhan M. Theranostic Approaches for Diagnosis and Treatment

of Cancer: An Update. In: Targeted Cancer Therapy in Biomedical Engineering. Springer; 2023.

- Badhwar R, Popli H, Buttar HS, Telessy IG, Bhalla V. Pathophysiology of Diabetes-Induced Foot Ulcers and Therapy Options. In: Biomedical Research, Medicine, and Disease. CRC Press; 2023. p. 291-316.
- 9. Bansal KK, Goyal RK, Sharma A, Sharma PC, Goyal R. Repurposing of Drugs for the Treatment of Microbial Diseases. In: Drug Repurposing for Emerging Infectious Diseases and Cancer. Springer; 2023. p. 347-394.
- Batra S, Sharma S, Mehra NK. Carbon Nanotubes for Drug Delivery Applications. In: Abraham J, Thomas S, Kalarikkal N, editors. Handbook of Carbon Nanotubes. Springer; 2022.
- Chauhan MK, Sachdeva A, Ansari L, Gugulothu D. Manufacturing Process of Nanoparticles. In: Pharmaceutical Process Engineering and Scale-up Principles. Springer; 2023.
- 12. Deep A, Chikara P, Sharma P, Sharma A, Dhobi M, Sharma PC. Vermifuge and Vermicide Drugs. In: Medicinal Chemistry of Chemotherapeutic Agents. Elsevier; 2023. p. 463-497.
- Dutta P, Chorsiya V. Impact of Climate Change-Related Heat Stress on Thermophysiological Vulnerability Among Workers in Unorganized Sectors. In: Climate Change and Urban Environment Sustainability. Springer; 2023.
- Garg A, Kumar A, Pottoo FH, Chawla PA. Animal Models Used for Studying the Benefits of Probiotics in Metabolic Disorders. In: Probiotic Research in Therapeutics: Volume 5: Metabolic Diseases and Gut Bacteria. Singapore: Springer Nature Singapore; 2022. p. 261-275.
- Garg A, Sharma R, Kaity S, Kumar A. Identification of Bioactive Lipid Drug Targets by Computational Techniques. In: Therapeutic Platform of Bioactive Lipids. Apple Academic Press; 2023. p. 143-162.
- Gautam N, Kulkarni A, Dutta D, Talegaonkar S. Pharmacokinetics of Long-Circulating Inorganic Nanoparticulate Drug Delivery Systems. In: Pharmacokinetics and Pharmacodynamics of Nanoparticulate Drug Delivery Systems. Springer Nature; 2022. p. 188-206.

- Goel H, Dogra N, Singla R, Talegaonkar S. Fathoming Biopharmaceutical Tenets and Characterization Techniques for the Plausible Ophthalmic Drug Delivery Performance. In: Nanotechnology in Ophthalmology. Academic Press; 2023. p. 49-66.
- Goel H, Siddiqui L, Mahtab A, Talegaonkar S. Fabrication Design, Process Technologies, and Convolutions in the Scale-up of Nanotherapeutic Delivery Systems. In: Nanoparticle Therapeutics. Academic Press; 2022. p. 47-131.
- Gowtham K, Kar A, Rout SRA, Afsana SR, Talegaonkar SK, Kesharwani P, Dandela R. Combination of Anticancer Drugs with MicroRNA as Cancer Therapeutics. In: Combination Drug Delivery Approach as an Effective Therapy for Various Diseases. Academic Press; 2022. p. 273-295.
- 20. Gowtham K, Kar A, Rout SRA, Afsana SR, Talegaonkar SK, Kesharwani P, Dandela R. Combination of Anticancer Drugs with MicroRNA as Cancer Therapeutics. In: Combination Drug Delivery Approach as an Effective Therapy for Various Diseases. Academic Press; 2022. p. 273-295.
- 21. Kaity S, Kumar A. Antioxidants in Brain Injury with or without Antibiotics. In: Vitamins and Minerals in Neurological Disorders. Academic Press; 2023. p. 137-156.
- 22. Kalra S, Aggarwal G, Pawaria S, Yadav S, Ajmera P. Psychological Health of Postmenopausal Women: A Bibliometric Analysis in the Recent Decade. Climacteric. 2023 Apr 27:1-9.
- 23. Kaur A, Sharma S, Noor A, Dang S, Talegaonkar S. Potential Targeting Sites in Brain and Brain Tumors. In: Nanocarriers for Drug-Targeting Brain Tumors. Elsevier; 2022. p. 69-120.
- 24. Kumar A, Chawla PA, Kapoor B. Clinical Trials and Future Perspectives of Anti-Inflammatory Agents. In: Recent Developments in Anti-Inflammatory Therapy. Academic Press; 2023. p. 331-386.
- 25. Kumar D, Kaur T, Bajaj S, Juneja MS. Marketing Trends in the Cryptocurrency Industry. In: Mainstreaming Cryptocurrency and the Future of Digital Finance. IGI Global; 2023. p. 229-251.
- Kumar PK, Prasad BD. Applications of Artificial Intelligence in Pharmaceutical Research and Development. In: Review on Pharmaceutical Technology. Scienz tech; 2023. p. 1-7.

- 27. Kumar S, Nandave M. High-Fat Diet (HFD) Induced Oxidative Stress via NADPH Oxidase (NOX) and PPARI in Metabolic Syndrome (MetS). In: Nova Science Publishers, Inc.; 2023. p. 157-169.
- 28. Kusuma PK. Medicinal Plants Against SARS-CoV/Corona Virus Infections: Ethnopharmacology, Chemistry, Clinical, and Preclinical Studies. In: Anti-Viral Metabolites from Medicinal Plants. Springer; 2023. p.1-24.
- 29. Majeed J, Sharma K, Acharya PC, Sharma PC. Antiamoebic Drugs. In: Medicinal Chemistry of Chemotherapeutic Agents. Elsevier; 2023. p. 397-429.
- Mangla B, Kumar P, Goyal K, Kohli K, Jindal S. Product Development and Scale-up Challenges in Cancer Vaccine Development. In: Nanotherapeutics in Cancer Vaccination and Challenges. Academic Press; 2022. p. 313-324.
- Parveen A, Kalra S, Jain S. Effects of Pilates on Health and Well-Being of Women: A Systematic Review. Bull Faculty Phys Ther. 2023 Dec;28(1):1-2.
- 32. Priyanka Sharma, Kalicharan Sharma, Mukesh Nandave. Approaches in drug discovery and design. In: Computational Approaches in Drug Discovery, Development and Systems Pharmacology. Academic Press; 2023. p. 53-93.
- Rai RH, Mehta V, Pallavi, Singh SP. Prevalence of Nomophobia and Its Association with Text Neck Syndrome and Insomnia in Young Adults during COVID-19. In: Data Science for Effective Healthcare Systems. CRC Press; 2022. p. 117.
- 34. Reang J, Yadav V, Vinita, Majeed J, Sharma PC, Sharma K, Tonk RK. Virtual Screening in Lead Discovery. In: CADD and Informatics in Drug Discovery. Springer; 2023. p. 53-77.
- 35. Rout SR, Gowtham K, Singh V, Talegaonkar S, Kesharwani P, Dandela R. Combination of Anticancer Drugs with MicroRNA as Cancer Therapeutics. In: Combination Drug Delivery Approach as an Effective Therapy for Various Diseases. Academic Press; 2022. p. 273-295.
- Rout SRA, GowthamK, SinghV, Talegaonkar S, KesharwaniP, DandelaR. Combination of anticancer drugs with microRNA as cancer therapeutics. In: Combination Drug Delivery Approach as an Effective Therapy for Various Diseases. Academic Press; 2022. p. 273-295.
- 37. Sharma D, Rout SR, Kenguva G, Khatravath M, Jain G, Aggarwal G, Dandela R. PLGAbased Nanoparticles as Regenerative

Medicine. In: Poly (Lactic-Co-Glycolic Acid) (PLGA) Nanoparticles for Drug Delivery. Elsevier; 2023. p. 335-356.

- Sharma D, Singh S, Kumar P, Jain G, Aggarwal G, Almalki WH, Kesharwani P. Mechanisms of Photodynamic Therapy. In: Nanomaterials for Photodynamic Therapy. Woodhead Publishing; 2023. p. 41-54.
- 39. Sharma P, Sharma N, Kumar A, Chauhan NS, Chawla PA. Natural Products in Japanese Encephalitis. In: Natural Products in Vector-Borne Disease Management. Academic Press; 2023. p. 309-334.
- 40. Sharma PC, Sharma D, Sharma A, Bhagat M, Ola M, Thakur VK, Bhardwaj JK, Goyal RK. Recent Advances in Microbial Toxin-Related Strategies to Combat Cancer. In: Seminars in Cancer Biology. Academic Press; 2022. p. 753-768.
- 41. Sharma R, Kumar A. Effect of Anticancer Treatment Approaches on Gut Microbiota. In: Synbiotics for the Management of Cancer. Springer Nature Singapore; 2023. p. 41-59.
- 42. Sharma S, Batra S, Chauhan MK, Kumar V. Photothermal Therapy for Cancer Treatment. In: Targeted Cancer Therapy in Biomedical Engineering. Springer; 2023. p. 755-780.
- Sharma S, Batra S, Chauhan MK, Kumar V. Photothermal Therapy for Cancer Treatment. In: Malviya R, Sundram S, editors. Targeted Cancer Therapy in Biomedical Engineering. Biological and Medical Physics, Biomedical Engineering. Springer; 2023.
- 44. Sharma S, Batra S, Sinha VR. Nanoemulsions: A Potential Advanced Nanocarrier Platform for Herbal Drug Delivery. In: Biomedical Translational Research: Drug Design and Discovery. Singapore: Springer Nature Singapore; 2022. p. 351-368.
- 45. Sharma S, Batra S, Sinha VR. Nanoemulsions: A Potential Advanced Nanocarrier Platform for Herbal Drug Delivery. In: Sobti R, Dhalla NS, editors. Biomedical Translational Research. Springer; 2022.
- 46. Shilke T, Mishra M, Talegaonkar S. Phyto-Nanoparticles Towards the Treatment of Diabetes. In: Drug Delivery Systems for Metabolic Disorders. Elsevier; 2022.
- 47. Siddiqui L, Mahtab A, Rabbani SA, Verma A, Talegaonkar S. Polymeric Nanoparticles-Assisted Macrophage Targeting: Basic Concepts and Therapeutic Goals. In: Macrophage Targeted Delivery Systems: Basic Concepts and Therapeutic Applications. Springer; 2022. p. 123-143.

- 48. Singh L, Bajaj S, Singh M, Kaithwas G, Choudhary M. Metabolism of Lipids in Malignant Solid Tumors Hypoxia and Drug Targets. In: Therapeutic Platform of Bioactive Lipids. Apple Academic Press; 2023. p. 163-192.
- 49. Singh V, Sheikh A, Rajak H, Talegaonkar S, Hamid H, Alam MS, Kesharwani P. Combination Drug Delivery Approaches in Rheumatoid Arthritis. In: Combination Drug Delivery Approach as an Effective Therapy for Various Diseases. Academic Press; 2022. p. 81-106.
- 50. Sonali Batra, Sumit Sharma, NK Mehra. Carbon Nanotubes for Drug Delivery Applications. In: Handbook of Carbon Nanotubes. Springer; 2022.
- 51. Sumit Sharma, Sonali Batra, MK Chauhan, Vikas Kumar. Photothermal Therapy for Cancer Treatment. In: Targeted Cancer Therapy in Biomedical Engineering. Springer; 2023.
- 52. Sumit Sharma, Sonali Batra, VR Sinha. Nanoemulsions: A Potential Advanced Nanocarrier Platform for Herbal Drug Delivery. In: Biomedical Translational Research. Springer; 2022.
- 53. Suthar T, Jain VK, Popli H, Jain K. Nanoemulsions as Effective Carriers for Targeting Brain Tumors. In: Nanocarriers for Drug-Targeting Brain Tumors. Elsevier; 2022. p. 347-363.
- 54. Suthar T, Jain VK, Popli H, Jain K. Nanoemulsions as Effective Carriers for Targeting Brain Tumors. In: Nanocarriers for Drug-Targeting Brain Tumors. Elsevier; 2022.
- 55. Swain L, Kalra S, Rai R, Raghav D. Effect of Scapular Strengthening Exercises on Rounded Shoulder and Neck Disability Among College Students of Delhi NCR. Comparative Exercise Physiology. 2023:1-8.
- 56. Swain L, Kalra S, Rai R, Raghav D. Effect of Scapular Strengthening Exercises on Rounded Shoulder and Neck Disability among College Students of Delhi NCR. Comparative Exercise Physiology. 2023;1-8.
- 57. Thakur AK, Joshi M, Goyal RK, Patel BM. Emerging Role of ACE-2 in Cerebrovascular and Neurological Disorders: Lessons Learnt from COVID-19. In: Dhalla NS, Bhullar SK, Shah AK, editors. Renin Angiotensin System in Cardiovascular Disease. Springer; 2022.
- 58. Vinita, Reang J, Yadav V, Majeed J, Sharma PC, Sharma K, Tonk RK. Virtual Screening in

Lead Discovery. In: CADD and Informatics in Drug Discovery. Springer; 2023. p. 123-140.

- 59. Zakir F, Bishnoi M, Aggarwal G. Arabinogalactan-Based Drug Delivery Systems. In: Natural Polymeric Materials based Drug Delivery Systems in Lung Diseases. Springer Nature Singapore; 2023. p. 183-198.
- 60. Zakir F, Mishra H, Azharuddin M, Mirza MA, Aggarwal G, Iqbal Z. Gastrointestinal abnormalities and Nigella sativa: A narrative review of preclinical and clinical studies. In: Black Seeds (Nigella Sativa); 2022. p. 355-386.
- 61. Zakir F, Mohapatra S, Aftab B, Iqbal Z, Aggarwal G. Clinical Trials, Future Prospects, and Challenges of Drug Delivery in Combating Metabolic Disorders. In: Dureja H, Murthy SN, Wich PR, Dua K, editors. Drug Delivery Systems for Metabolic Disorders. Elsevier Inc.; 2022. p. 481-489.

Patents

- Bhatt N, Sharma PK, Chauhan MK. Oral Nanoformulation of Amphotericin-B and Preparation Method Thereof. Application No.202211049116A. (Publication Date: 02/09/2022)
- 2. Chauhan MK, Sharma PK. Vitamin E TPGS based Pharmaceutical Composition for Drug Delivery, Patent Appl. No. 201911012651. Patent No. 376816/2021DIPSAR, New Delhi.
- Goyal RK, Sayed Md Mumtaz, Gupta M, A. Nazeerul Ameen, Bazikov Igor Alexandrovich. Topical Nanolipidic Gel Formulation For Diabetic Foot Ulcer. Patent No. 389250, Granted on 15th Feb 2022 Ref. Application No. 201811042714. 2019: Indian patent Granted.
- Goyal RK, Sayed Md Mumtaz, Gupta M, A. Nazeerul Ameen, Bazikov Igor Alexandrovich. Topical Nanolipidic Gel Formulation For Diabetic Foot Ulcer. Patent No. 389250, Granted on 15th Feb 2022 Ref. Application No. 201811042714. 2019: PCT patent Published on 19th May 2022. WO 2022/101921 A1.

- Jain P, Jain M; European Patent: system for soil erosion detection at river bank using for infrasonic techniques, DE202023100018U1, 2023-03-16
- 6. Jain P, Jain M; Nanoparticle doped fullerene as Cryo-electron microscopy biomarker and method of preparation thereof. Application no.: 202221011703A, Date of publication: 15 April 2022
- Jain P, Jain M; Waist band with attached sanitizer dispenser. Application no.: 202221025660A, Date of publication: July 1, 2022 Patent No. 424129
- 8. Kushwah H, Sandal N, Mittal G, Chauhan MK. Natural Gum Based Antibacterial Haemostatic Dressings. Patent Application No. 202211043607 (Filing Date:18/08/2022)
- 9. Nandave M; A Composition For Wound Healing, Tissue Adhesive, And Methods Thereof, FILED ON April 21, 2023 (Application No. 202311029171)
- Omer S, Nandave M, Kumar S, Kumar P. Laboratory Water Maze Apparatus for Monitoring Neurotoxic Activity. FILED ON April 18, 2023 (Application No. 384243-001) PUBLISHED.
- Parthasarathy K., Goyal RK, Dhobi M. An Oral Phytochemical Based Herbal Composition for SARS-CoV-2 And Method of Preparation Thereof. WO2022123601A1. 2022-06-16.
- Pathak DP; Pharmaceutical Dosage form for Removal of Heavy Metals application no. IN428319
- Rai R, Granted patent on Smart Helmet design in March 2023, No. 377158-001.
 2.Granted patent on Smart belt for School children design in March 2023, No. 376961-001 3. Granted patent on Smart belt for Smart Digital Pen in March 2023 No.376962-0011
- Sharma P, Nandave M, Nandave D, Singh D. A novel synergistic glycemic index lowering food stuff it's composition and preparation Thereof. FILED ON April 15, 2023 (Application No. 202311027718) PUBLISHED

Doctoral Programme

- DPSRU (including DIPSAR) carries a legacy of commitment to academic rigor, intellectual exploration, innovation and ground-breaking research.
- It is the first Pharmaceutical University of the country which is renowned for its distinguished faculty, cutting-edge research facilities, and rich academic heritage.
- The thrust areas of research at DPSRU include clinical research and pharmacological investigations, development of novel nanoformulations, drug discovery through synthetic chemistry, computer-aided drug designing, herbal drug research, analytical method development for pharmaceutical and herbal drugs, quality assurance, regulatory studies for biotechnology, new drugs, physiotherapy, public health and physical education.
- The faculty with their diverse expertise, leading-edge research, and extensive networks, provide an intellectually stimulating environment that nurtures the growth of Ph.D. students. Through close guidance and mentorship, faculty members inspire students to develop independent research skills, critical thinking abilities, and а deep understanding of their field of study.
- Ph.D. programme: We have Ph.D. programs that epitomize excellence and provide an ideal platform for aspiring scholars to pursue their academic and research aspirations.

DPSRU offers Ph.D. in • Pharmaceutical

- Pharmacology
- Pharmaceutics
- Industrial
 Pharmacy
- Drug Regulatory
 Affairs
- Clinical Research
- Pharmaceutical Chemistry
- Pharmaceutical Analysis
- Pharmacognosy & •
 Phytochemistry

- Pharmaceutical Biotechnology,
- Quality
 Assurance,
- Pharm.
 - Management
- Public Health
- Physiotherapy
- Cosmeceutics
- Sports Science
 & Physical
 Education
- and other allied subjects in the regular mode.
- The university awards the Ph.D. degree after successfully passing and completion of examination for prescribed course work and research work to be submitted in the form of thesis and duly defended in the examination.

Regulations for Admission and Completion of Ph.D. in DPSRU:

 The candidates, who desire to register for Ph.D. program in the university, must have a Master's degree with at least 60% marks in Pharmaceutical Sciences or Business Studies or Public Health or Physiotherapy, or any other allied subject. For admission, the candidate has to appear for the entrance examination, with minimum qualifying mark of 50%.

- interview is held where the candidates are required to discuss their research interest/area through a presentation before a duly constituted expert committee.
- The number of seats for a Ph.D. depends on the availability of the supervisor.
- The successful candidates from the entrance examination and interview are enrolled as Pre-Ph.D. candidates for the course with the consent of the supervisor. The duration of the Pre-Ph.D. course is of one semester/six months.
- The Pre-Ph.D. course includes modules on Research Methodology, Biostatistics and Computer Applications, Communication skills, IPR, Entrepreneurship, and Advances in Pharmaceutical Sciences and Current • topics on the subject of specialization. After qualifying for the Pre-Ph.D. course, the candidate can apply for the final registration to the. program with write-up and presentation of the proposed research work the Doctoral Student Research to Committee (DSRC).
- Every research scholar during their Ph.D. is required to show continuous progress of work to the supervisor and submit a halfyearly report to the DSRC with the approval of the supervisor. Further, the progress of Ph.D. research work is monitored by University Research Advisory Committees (URAC).
- After the completion of the research work, the supervisor organizes a pre-thesis seminar, to appraise research work in front of DSRC. If DSRC satisfied with the prethesis seminar, the report on the pre-thesis seminar is placed in front of URAC for approval. A minimum of 4 DSRC meetings are conducted during Ph.D.

- Following the qualifying examination, an . The research scholar can submit the thesis within a maximum period of 6 months from the date of submission of the pre-thesis synopsis after approval.
 - The university checks to detect any • plagiarism or any other forms of academic dishonesty in the submitted thesis. After the submission of the thesis. viva-voce examination is conducted and all the reports of examiners are placed before URAC to award the degree with the approval of the Academic Council.
 - The university has a provision to submit a soft copy of the Ph.D. thesis to UGC within a period of 30 days, for hosting the same in INFLIBNET, accessible to all Institutions/Universities.

The candidate has to submit the thesis within a period of five years, but not before two years from the date of his/her registration.

Ongoing Doctoral Research Projects:

- Ongoing Doctoral Research Projects: Currently, 131 Ph.D. research scholars are pursuing their Doctoral Research Projects in the university. In the 2022-23 batch, 22 students have completed their Pre-Ph.D. course.
- URAC of the university, constituted by the Hon'ble Vice-Chancellor includes external experts i.e. Prof. Rao V S V Vadlamudi (President, Commonwealth Pharmacists Association & Immediate Past President. Indian Pharmaceutical Association), Prof. V. R. Sinha (University Institute of Pharmaceutical Sciences) and Prof. P. P. Mohanty (Director, Swami Vivekananda Institute of Rehabilitation. National Training & Research).

- Till now, 8 URAC meetings have been convened for the approval of the progress report of doctoral students. Various guest lectures for Ph.D. and PG students were organized, which included expert talks on Research methodology, Scientific and medical writing, IPR, Plagiarism, Research ethics, Recent trends in drug delivery, Biostatistics, Entrepreneurship, etc.
- In addition to it, soft skill classes on Resume writing and Group Discussions were organized by experts. The university organized one-week Leadership and Personality Development Program and various pieces of training for the Ph.D. and PG students.

Sr. No.	Name of the Ph.D. Student (2022-23)	Name of the Supervisor
1	Palka Mittal	Dr. Puneeta Ajmera
2	Aparna Gupta	Dr. Richa H Rai.
3	Komal	Dr. Varsha Chorsiya
4	Tanya Gujral	Dr. Richa H Rai.
5	Anjali Kumari	Prof. Geeta Aggarwal
6	Piyush Verma	Dr. Madhu Gupta / Dr. Himanshu Ojha
7	Annam Veena	Dr. Saurabh Dahiya
8	Vipin Bhati	Prof. Deepti Pandita
9	Sweta Roy	Dr. Anoop Kumar
10	Rima Singh	Dr. Deepti Pandita
11	Keerti Maheshwari	Dr. Geeta Aggarwal
12	Deepa Chugh	Dr. Puneeta Ajmera
13	Ashish Vishwakarma	Prof. Ajay Sharma
14	Sushma Dev	Dr. Priti Jain
15	Om Prakash Banshkar	Dr. Rajni Mathur
16	Sayantan Chakraborty	Dr. Jaseela Majeed
17	Dhiraj K. Shrivastav	Dr. Sahil Kumar
18	Rishu Sharma	Dr. Menakshi K. Chauhan
19	Twinkle Sharma	Dr. Parbodh Chander
20	Parth Sharma	Dr. Ajay Sharma
21	Dhananjay Sharma	Dr. A. K. Uppal
22	Suddikattu Bhargavi	Dr. Saurabh Dahiya

Empowering Success: Scholarships at DPSRU

- DPSRU, the esteemed State University of Govt. of NCT of Delhi (GNCTD), in conjunction with its constituent Institute DIPSAR, is dedicated to fostering academic excellence and supporting the dreams of its students.
- We take great pride in the range of scholarships available to our talented scholars. Let's delve into the exciting world of scholarship schemes that have made a remarkable impact on our university community.
- Our students are privileged to receive scholarships from various sources, demonstrating the trust and recognition placed in their potential.
- The GNCTD offers scholarships through the user-friendly e-district portal. providing financial aid to deserving students. Additionally. the central government, through the National Scholarship Portal (NSP), opens the doors to countless opportunities for our students. With scholarships from renowned bodies such as AICTE and other esteemed government funding agencies like UGC, ICMR, DST-INSPIRE, DST, DBT, CSIR, and NFST, our students have access to a vast array of financial aid options..But the support doesn't stop there
- At DPSRU, we go the extra mile by assisting our students in applying for scholarships offered by non-government organizations, including the prestigious Indian Pharmaceutical Association

- .We strive to leave no stone unturned in our commitment to empowering our students' educational journeys.
- The application process is designed to be straightforward and accessible. Eligible students can conveniently apply online, following procedures and timelines the mentioned the agency's in advertisement. Once completed, students are required to submit a request letter, accompanied by a copy of the application and all necessary documents, including bank details, to the Scholarship Incharge at DPSRU/DIPSAR.
- To ensure the accuracy and validity of applications, our diligent team at DPSRU/DIPSAR meticulously verifies each submission through the funding agency's e-portal. In the rare event of any discrepancies, students are promptly informed, enabling them to rectify any issues and re-upload the necessary documents. We believe in creating a supportive environment for our students, guiding them through every step of the scholarship application process.
- The funding agency, in their commitment to supporting students' academic journeys,

- disburses scholarships through the efficient Direct Benefit Transfer (DBT) system. This seamless process ensures that our students receive the financial assistance they deserve without any unnecessary delays or complications.
- As we reflect on the past year, we celebrate the countless success stories made possible through these scholarship schemes. The impact on our students' lives has been truly 1. transformative. From easing financial burdens to providing opportunities for growth and development, scholarships have been instrumental in nurturing talent and fostering academic excellence.
- Looking ahead, we remain dedicated to expanding scholarship opportunities, exploring partnerships, and embracing innovation in the pursuit of empowering our students. Our commitment to their success is unwavering, and we will continue to support them on their educational journey.
- At DPSRU, we firmly believe that financial constraints should never hinder a student's aspirations. Through the power of scholarships, we are creating a brighter future for our students, one filled with endless possibilities and boundless achievements.
- Empowering success, one scholarship at a time that is the DPSRU way.

disburses scholarships through the GNCTD Scholarships for DPSRU Students

 At DPSRU, we believe in nurturing talent and providing equal opportunities to all our students. In collaboration with the Government of NCT of Delhi (GNCTD), we are proud to offer a range of scholarships that aim to empower our students and support their educational aspirations. Various GNCTD scholarships available to DPSRU students:

1. Merit Scholarship for SC/ST/OBC Students:

• This scholarship is specifically designed for students from the underprivileged SC/ST/OBC communities. Eligible applicants must be residents of Delhi and pursuing UG/PG courses. They should have achieved a minimum of 60% marks in their previous academic examination. The annual family income should not exceed INR 3 lakh for OBC applicants. To know more about this scholarship, visit official website the at www.scstwelfare.delhigovt.nic.in.

2. Post Matric Scholarship Scheme for SC:

• Under the Department for the Welfare of SC/ST/OBC/Min, this centrally sponsored scholarship supports students belonging to the SC category. It is available to students whose parents' or guardians' income does not exceed Rs. 2.5 lakh per annum. The scholarship includes a maintenance allowance and reimbursement of non-refundable fees. For detailed information. visit www.scstwelfare.delhigovt.nic.in.

3. Post Matric Scholarship for OBC:

Similar to the previous scholarship, this centrally sponsored scheme focuses on students from the OBC category. Students whose parents' or guardians' income does not exceed Rs. 2.5 lakh per annum are eligible. The scholarship covers academic allowances and tuition fees as per the prescribed guidelines. Explore further details at

www.scstwelfare.delhigovt.nic.in.

4. Merit-cum-Means Linked Financial Assistance Scheme:

 GNCTD offers this financial assistance scheme to students from all backgrounds, regardless of caste, creed, economic status, or gender. The objective is to promote access to quality higher education for meritorious students facing economic challenges. Depending on the family income, GNCTD will fully or partially reimburse the tuition fees paid by the students.

https://edistrict.delhigovt.nic.in for more information.

 These scholarships open doors to new possibilities, ensuring that financial constraints do not hinder our students' educational journey. By providing financial assistance, GNCTD aims to empower students and enable them to pursue their dreams.

Central Govt. Scholarships through National Scholarship Portal:

1. Post-Matric Scholarship Schemes for Minorities:

 Designed to support minority students, this scholarship is awarded to those who have achieved a minimum of 60% marks in their previous final examination.

Eligible students should have an annual family income not exceeding Rs. 3.00 lakh. It covers students from diverse communities such as Muslims, Sikhs, Christians, Buddhists, Jains, and Zoroastrians (Parsis).

2. Merit-cum-means Scholarship for professional and technical courses:

 This scholarship aims to assist students pursuing technical or professional courses at the UG/PG level. To qualify, students must have secured a minimum of 50% marks in their previous final examination. The annual income of their parents or guardians should not exceed Rs. 2.50 lakhs.

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

- Students from the North East Region pursuing studies in various disciplines at recognized institutions can apply for this scholarship through the National Scholarship Portal.
- To learn more about these scholarship schemes and their guidelines, visit https://scholarships.gov.in.

AICTE Scholarships available to DPSRU students:

1. PG-GPAT Scholarship:

 Qualified GPAT students admitted to M. Pharmacy (AICTE Approved) branches of DIPSAR & SPS of DPSRU can avail themselves of this scholarship, receiving Rs. 12,400/- per month for 24 months.

2. Pragati Scholarship:

 Meritorious girls who have taken admission in Degree/Diploma courses of DIPSAR & SPS of DPSRU, approved by AICTE, can apply for this scholarship/contingency

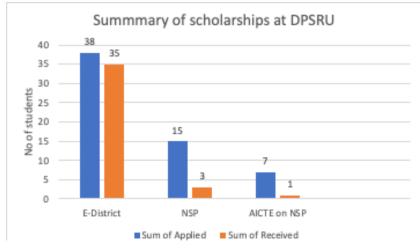
- 3. Saksham Scholarship: Differentlyabled students admitted to Degree/Diploma courses of DIPSAR & SPS of DPSRU, approved by AICTE, are eligible for this scholarship/contingency
- 4. Prime Minister's Special Scholarship Scheme - PMSSS: Under the Prime Minister's Special Scholarship Scheme (PMSSS), AICTE offers significant financial support to students from the Union Territories of Jammu & Kashmir and Ladakh. Eligible students who have cleared the 12th examination from JKBOSE and CBSE-affiliated schools can benefit from this scheme. The PMSSS provides an academic fee of Rs. 1,25,000/for B. Pharmacy courses, covering tuition and other admissible fees. In addition, students receive а maintenance allowance of Rs. 1,00,000/- per annum. This allowance is designed to assist with expenses related to hostel and mess fees, book costs, and other incidental charges. To be eligible, students must come from

families with an annual income of Rs. 8.00 Lakh or less. By offering this support, the PMSSS aims to empower students from Jammu & Kashmir and Ladakh, enabling them to pursue their educational aspirations and unlock their full potential.

5. AICTE Doctoral Fellowship (ADF):

- DPSRU offers full-time research scholars the opportunity to receive AICTE's Doctoral Fellowship. The fellowship includes Junior Research Fellowship (JRF) for two years, followed by Senior Research Fellowship (SRF) for three years.
- In addition to these scholarships, DPSRU supports students in applying for scholarship schemes run by nongovernment organizations such as the Indian Pharmaceutical Association. Notably, the IPA – Ramanbhai Patel Scholarship provides financial assistance to deserving and financially needy B.Pharm. students enrolled at the university.

At DPSRU, we are committed to fostering an environment where students can thrive and achieve their dreams. We encourage all eligible students to explore these scholarship opportunities and take advantage of the support available. Visit the official websites mentioned to access detailed information and begin your journey towards a brighter and more fulfilling future

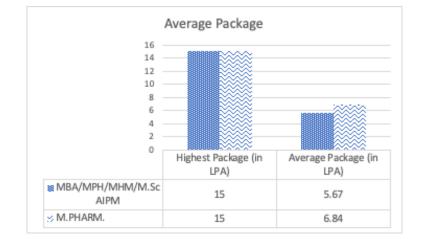


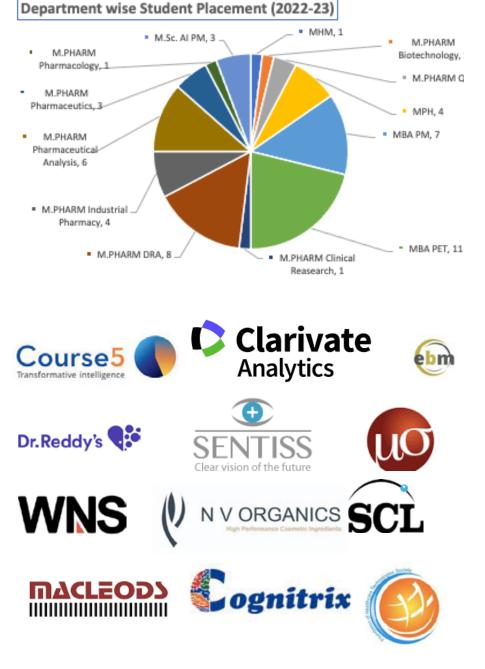
Students benefited from the various scholarships (2022-23)							
S. No.	Name of Scheme	Department	Applied	Received			
1	Post Matric Scholarship Scheme for SC	E-District	26	21			
2	Post Matric Scholarship for OBC	E-District	29	27			
3	Merit Scholarship to SC/ST/OBC students of college/professional institutes	E-District	51	46			
4	Merit Scholarship for students belonging to minority studying in professional/Technical college/Institutes/Universities	2	0				
5	Dr. B.R. Ambedkar State Toppers Award for Students belonging to SC/ST/ OBC Category	3	0				
6	AICTE-Saksham scholarship scheme for specially abled student (Technical Degree)	AICTE on NSP	2	2			
7	AICTE-Saksham scholarship scheme for specially abled student (Technical Diploma)	1	1				
8	AICTE – Pragati Scholarship Scheme or Girl students (Technical Degree)	AICTE on NSP	11	4			
9	AICTE – Pragati Scholarship Scheme For Girl students (Technical Diploma)	AICTE on NSP	3	0			
10	GPAT Scholarship for PG students First Year	AICTE	49	49			
11	GPAT Scholarship for PG students Second Year	AICTE	75	75			
12	Prime Minister Spacial Scholarship Scheme for J &K Students (PMSSS) for Degree	AICTE	9	9			
13	AICTE -Nationdal Doctoral Fellowship (NDF) for Ph.D	AICTE	1	1			
14	AICTE- QIP Scholarship for M.Pharm and Ph.D	AICTE	5	3			
15	Merit-cum-means scholarship for professional and technical courses CS	NSP	14	5			
16	Post Matric Scholarship For Students With Disabilities	NSP	2	2			
17	Post Matric Scholarship Schemes Minorities CS	NSP	9	2			
18	Centrally Sponsored Scheme of Post Matric Scholarship For ST Student-Ladakh	NSP	1	1			
19	Centrally Sponsored Scheme of Post Matric Scholarship For SC Student for Jammu & Kashmir	NSP	1	1			
20	Prime Minister Spacial Scholarship Scheme for central Armed Police formed and Assam rifles	NSP	2	1			
21	Central Sector Scheme of Scholarship for College and University Students	NSP	2	2			
22	PG Scholarship Scheme for SC ST Students for persuing professional courses	NSP	2	0			
23	Umbrella Scheme for education of ST Children-Post Matric Scholarship (PMS) for ST students Arunachal Pradesh	NSP	1	1			
		Total	301	253			

Placement Report 2022-2023

- The Training & Placement Cell at DPSRU is unswervingly committed to securing the most promising opportunities for its students, furnishing them with unparalleled exposure and a thriving platform for growth.
- The primary objective of the placement cell is two fold: first, to secure placements for a maximum number of students in esteemed organizations, and second, to provide avenues for employment, including self-employment.
- To realize this mission, the university proactively conducts skill enhancement programs, maintaining a consistent dialogue with industry experts to align students' knowledge and competencies with the latest demands of industries and corporates.
- This strategy has engendered a substantial augmentation in students' proficiency levels. This upswing can be attributed to the university's distinctive culture, which places students at the forefront, as well as its robust business engagement model and a curriculum distinguished by rigorous academic and research components.
- The resultant value proposition has fostered an augmented faith among recruiters in the capabilities of DPSRU.
- DPSRU's final placements for the academic year have seen students from various courses securing coveted positions in esteemed national and multinational companies.

- This placement season, akin to previous years, stands as a testament to the enduring confidence that the corporate sector places in the university.
- In academic year 2022 and 2023, the university had the privilege of hosting a multitude of prestigious firms, each valuable contributions making in various domains. These fields encompassed formulation development, clinical research. business analysis, production, quality assurance, research and development, hospital and community pharmacy, as well as sales and marketing.
- Impressively, over 20 prominent companies chose to engage with the DPSRU campus for the purpose of recruiting exceptional students. Among these distinguished names were globally recognized entities such as Dr. Reddy's, WNS (Value-edge), Sentiss Pharma, Mu Sigma, SCL, ZS Associates, Course 5i, Clarivate Analytics, and EBM Health Consultants.
- In their pursuit of hiring top-tier candidates, these companies extended competitive employment packages, ranging from 5 to 15 lakhs per annum for students pursuing Masters Courses. This figure represents a significant enhancement compared to the previous academic year, underscoring the growing desirability and value of the university's programs.





Our Key Recerviters 2022-23

Students placed in Academic Year 2022-23					
Department	Nos	Student Name	Organization	Designation	
M.PHARM CLINICAL RESEARCH	1	Tejesvi Manwati	Course 5i	Junior data analyst	
	1	Srishti Sharma	Clarivate Analytics	Intern Analyst	
	2	Prashant Sharma	EBM Health Consultants	Intern	
[3	Prachi Pallavi	Course 5i	Junior data analyst	
	4	Kshitiz Kashyap	DRL	Technical trainee	
M.PHARM	5	Himanshu Chandna	DRL	Technical trainee	
DRA	6	Mallika Mahashweta Pandey	DRL	Technical trainee	
	7	Mansi Sharma	Sentiss Pharma	Research Trainee (Regulatory Affairs)	
	8	Gagan Rathi	ZS Associates	Knowledge management associate	
	1	Shilpi Saxena	Course 5i	Junior data analyst	
	2	Richa Jain	Course 5i	Junior data analyst	
M.PHARM INDUSTRIAL	3	Rakhi	Sentiss Pharma	Research trainee	
PHARMACY	4	Roshni Singh	Sanjivani Pharmaceutic als	Pre-Sales Manager	
	1	Swapnil Biradar	Mu Sigma	Decision Scientist	
[2	Shreeja singh	Course 5i	Junior data analyst	
M.PHARM PHARMACEU	3	Aiman Nissar Mahajan	DRL	Technical trainee	
TICAL	4	Ilhan Ahmed Khan	DRL	Technical trainee	
ANALYSIS	5	Srishti	Sentiss Pharma	Research Trainee (Analytical	
				department)	

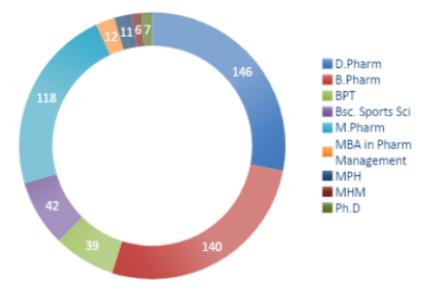
	1	Jyoti Saini	WNS	Trainee Analyst	
M.PHARM PHARMAC EUTICS	2	Aniket Sonker	DRL	Technical trainee	
Lones	3	Alisha Sachdeva	DRL	Technical trainee	
M.PHARM BIOTECHNO LOGY	1	Surabhi Soni	N V Organics	Business Development Executive	
M.PHRAM	1	KANIKA	Sanjivani Pharmaceuti cals	Sales Manager	
QA	2	Praful Tiwari	Sanjivani Pharmaceuti cals	Sales Manager	
	1	Md Parvez	Clarivate Analytics	Intern analyst	
M.SC AIPM	2	Ankur Bhardwaj	Clarivate Analytics	Intern	
	3	Anukriti Khanna	Clarivate Analytics	Intern	
	1	Amit ojha	SCL	Sales Manager	
	2	Shivangi Kushal	SCL	Sales Manager	
	3	Sanskriti sahu	Sentiss Pharma	Management trainee	
	4	Minu Sen	Clarivate Analytics	Intern Business Analyst	
MBA PET	5	Ahmed Kamal	Clarivate Analytics	Intern Analyst	
	6	Sufiyan Yameen	Clarivate Analytics	Intern Analyst	
	7	Sunil Kumar Yadav	Macleods Pharmaceuti cals Ltd.	Management trainee	

	8	Varsha	Macleods Pharmaceuti cals Ltd.	Management trainee
	9	Dushyant Singh chahar	Sanjivani Pharmaceuti cals	Sales Manager
	10	Niharika Shishodia	Sanjivani Pharmaceuti cals	Pre-Sales Manager
	11	Neha	Cognitrix Consultants	Business Analyst
	1	Deepali	ZS Associates	Knowledge management associate
	2	Isha Aggarwal	Sentiss Pharma	Management trainee
	3	Diksha Singh	Course 5i	Junior data analyst
МВА РМ	4	Tapas Pal	WNS	Trainee Analyst
	5	Ishu Sisodia	Clarivate Analytics	Intern analyst
	6	Anjali Jain	Clarivate Analytics	Intern Business Analyst
	7	Rahul Kumar	Macleods Pharmaceuti cals Ltd.	Management trainee
МНМ	1	Sonam Choudhary	Care Health Insurance	Consultant (Manager - Claims Watania)
	1	Navya Tondak	EBM Health Consultants	Intern
	2	Nudra Safi	ILBS, Delhi	Research Assistant
MPH	3	Sapna Yadav	FPHS, Delhi	Research Associate
	4	Mahati Bhadania	Foundation of Healthcare Technology Society	Research Associate

5th Annual Convocation

DPSR University hosted its VthAnnual Convocation Ceremony on Thursday, December 22, 2022. Hon'ble Chancellor Shri Vinai Saxena, Lt. Governor, Govt. of NCT of Delhi graced the ceremony with presence. While Prof. Balram his Bhargava, former Director General of **ICMR** and Head of Cardiology Department - AIIMS attended the ceremony as the Chief Guest. Also in attendance were the Board of Governors, Honorable Vice Chancellor, Registrar, Dean, and faculty members apart from graduating students and their parents. students Total 521 received their respective degrees and diploma.

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 honorable 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.



Graduating Students From DPSRU 2022-23

The function continued with the welcome speech and presentation of recent major accomplishments of the university by the honorable Vice Chancellor, Prof. Ramesh K. Goyal. In his report, the Vice Chancellor proudly shared that "DPSRU Innovation and Incubation Foundation (DIIF) has developed 14 products, with 6 in the commercialization stage. Three companies could raise external funding, and the valuation of different companies stands into more than 20 Crores. We are looking forward now for artificial duramembrane for brain surgery and Al-powered throughput blood screening devices, by various startups. Recently, a company has offered to take up the formulation of my Enicostemmaf for the commercial stage. Tech-transfer will be more from our university in the coming years."

He also mentioned about the development of **first herbal formulation "Coroquil" during Covid-19 pandemic.** He further added we took it to Malaysia for women health, along with Sweden University for M-health.

He happily highlighted that "Dr. Mukesh Nandave and Dr. Ajay Sharma got 32 lakhs Research grants from AYUSH. Over 1.8 Crore of research grants have been received by Dr. Dalapati, Dr. Gaurav Jain, Dr. Ajit Thakur, Dr. Rajiv K. Tonk and many others from DST and AICTE."

He then introduced the Chief Guest Padma Shree Prof. Dr. Balram Bhargava, who congratulated the graduating students, and the University. During his Convocation address, he said, "If you want to be successful in life and if you want to contribute not only to the nation, but to the world, you have to have five qualities. Number one is punctuality. You have to be on time. Number two; you have to be professionally competent. Whatever you do, you have to be competent. There cannot be mediocrity accepted at any level. You have to be capable at what you have learned. You have to practice your art and skill with competence. Number three is integrity. Absolute honesty and integrity will take you very far.

There may be bumps but that will take you forward. And the last point that I want to emphasize is societal commitment. You have to do for the society. And the last point, as we are facing a lot of global warming and I would request all of you to plant a tree. So this is my little message to you.

Five Points – Punctuality, Integrity, professional competence, societal commitment and please plant a tree and I wish you all the very best in your future endeavors that you will achieve to greater heights."

Following the convocation address, the Vice-Chancellor then introduced the Hon'ble Chancellor, who then delivered his Presidential address.

Later, the meritorious students were awarded the gold medals by dignitaries on stage, as follows:

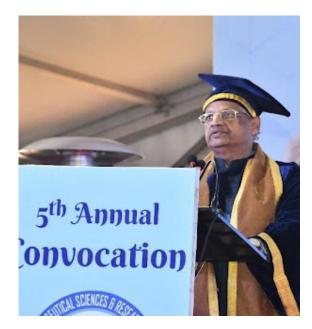
- 1. **The Sitaram Jindal Gold Medal'** Ms. Garima Gupta and Ms. Pallavi, for obtaining the highest marks in B. Pharm and BPT respectively.
- 2.**'The Vice Chancellor Award'** Mr. Dev Gautam and Ms. Yasmeen for obtaining the highest marks in B.Sc. Sports Sciences and D.Pharm respectively.
- 3. **'The Vijayin Alniche Gold Medal'** Ms. Jagriti Sharma for obtaining the highest marks in M. Pharm all Disciplines.
- 4.**'Prof. S.K. Gupta Gold Medal'** Ms. Aisha Agrawal Goyal for obtaining highest marks in M.Pharm (Clinical Research).
- 5. 'The B.D. Miglani Award' Ms. Payal Gupta
- 6. 'The S. L. Nasa Hospital Pharmacy Foundation Award'- Ms. Payal Gupta for obtaining the highest marks in M. Pharm. (Hospital Pharmacy).
- 7.**'Aimil Pharmaceuticals India Award'** Mr. Rohit Malhotra for obtaining the highest marks in M.Pharm (PharmacognosY and Phytochemistry).
- Soshil Kumar Jain, Panacea Biotec Gold Medal'- Ms. Sonam Malik for obtaining highest marks in M. Pharm. (Biotechnology)
- 9.**'Shri Rajesh Chand Arora Aagya Biotech Gold Medal'**- Ms. Jyoti Kumari for obtaining highest marks and M.Pharm (Pharmacology).
- 10.**'Sneh Prabha Nemi Chand Jain Award'**-Ms. Shifa Mansuri, for obtaining highest marks in M.Pharm (Pharmaceutics/ Cosmeceutics/Industrial Pharmacy).
- 11. 'Rajshri Ajay Pankaj Parashar Award'- Mr. Rishabh Dhir for obtaining highest marks M.Pharm (DRA).

12. **Shri M.G. George Muthoot Awards**'-Ms. Shruti Dhalla, Ms.Sonam Choudhary and Ms. Sapna Yadav, for obtaining highest marks in MBA-PM, MHM and MPH respectively.

13. 'The LG Trophy Award'- Mr. Ankit Monga in B. Pharm for overall performance in academics, extracurricular and co-curricular activities.

14. **Jwalat Alniche Gold Medal'**-Neuranics Lab Private Limited as the Start-up company of DPSRU Innovation and Incubation Foundation, for developing outstanding innovative healthcare products

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 fifth convocation ceremony.

















UNIVERSITY TOPPERS-2022



YASMEEN 08/DPH/2020 D. PHARM.



GARIMA GUPTA 01/BPH/DPSRU/2018 B.PHARM. (DPSRU)



PRIYA TANWAR 31/BPH/DIPSAR/18 B.PHARM. (DIPSAR)





DEV GAUTAM BSS/19/013 **B.SC. SPORTS SCIENCE**



JAGRITI SHARMA 49/MPH/DIPSAR/2020 M.PHARM. QUALITY ASSURANCE



129/MPH/DPSRU/2020 M.PHARM. (INDUSTRIAL PHARMCY)



SONAM MALIK 150/MPH/DPSRU/2020 M.PHARM. PHARMACEUTICAL BIOTECHNOLOGY



JYOTI KUMARI 36/MPH/DIPSAR/2020 22/MPH/DIPSAR/2020 M.PHARM. PHARMACOLOGY M.PHARM. PHARMACEUTICS



AISHA AGARWAL 01/MPH/DIPSAR/2020 M.PHARM. CLINICAL RESEARCH



SHIKHA SHORI 138/MPH/DPSRU/2020 M.PHARM. (COSMECEUTICS)



SHRUTI DHALLA 211/MBA/DPSRU/2020 MBA PHARMACEUTICAL MANAGEMENT





VISHNUPRIYA SADHU 32/MPH/DIPSAR/2020 M.PHARM. PHARMACEUTICAL CHEMISTRY



RISHAB DHIR 103/MPH/DPSRU/2020 M.PHARM. (DRUG **REGULATORY AFFAIRS)**



SAPNA YADAV 228/MPBH/DPSRU/2020 (MASTERS OF PUBLIC HEALTH)



PAYAL GUPTA 13/MPH/DIPSAR/2020 M.PHARM. HOSPITAL



ROHIT MALHOTRA 159/MPH/DPSRU/2020 M.PHARM. (PHARMACOGNOSY)



HIMANSHU ARORA 112/MPH/DPSRU/2020 M.PHARM. (PHARMACEUTICAL ANALYSIS)



SONAM CHAUDHRY 219/MHM/DPSRU/2020 MASTERS OF HOSPITAL MANAGEMENT

Student's Achievements

• Mr. Tanmay Badola (B.Sc. (H) Sports Science)

Secured 1st position Swimming in Delhi International Triathlon championship, 2023 on 12th February, 2023.



• Mr. Mehul Rawat (B.Sc. (H) Sports Science)

Secured 4th Position in weight 68 kg Category in 34th North India Benchpress and Dead lift Championship, 2023 dated 5th February, 2023.

Ayush Gautam, Vansh Malik, Rahul Singh, Ashish, Nitish, Aneket Dalal, Sharandeep Singh

Secured 3rd Position (Bronze Medal) in Kabaddi at Delhi Technological University Annual Sports Fest "AAHVAAN'23, dated 19-20 November, 2022



• Ms. Shreya (B. Pharm 4th Semester)

Secured 1st Position in Bollywood/Western Solo Dance Competition organized in Exuberance 2023, The Annual Cultural Fest of Sri Aurobindo College, 17th Feb 2023.

• Ms. Niharika Nayan Jha & Swidhi Jain (B. Pharm 4th Semester)

Secured 2nd Position in Duet Dance – Concord – Classical/Folk, organized by REVELS, ABVIMS and Dr. RMLH Delhi, 10th May 2023.

• Ms Isha Aggarwal (MBA-PM)

a) Won Elocution Competition on the occasion of the 61st National pharmacy week organized by IPA Delhi branch and DPSRU on the topic: "Pharmacy of the world-India".

b) Secured the first position and cashprize of Rs 1000/- in the IPA State Level elocution Competition 2022. The State Level Competition was organized on 12th December 2022 with the topic "Pharmacy United in Action for Healthier World" in DPSRU.

• Sapna Yadav (MPH)

Awarded for Best Paper Presentation in the conference - ICNPHH - 2022, held at Deshbandhu College, Univesrity of Delhi., from Nov 4th -6th' 2022..

• Ms. Palka Mittal, (Ph.D scholar in Public Health)

Secured the certificate of excellence for best poster presentation on the topic "Child to Child approach"- Hope to build a healthy community: A systematic literature review in 2nd International Conference on Natural products and human health 2022 (ICNPH-2022) from 4-6th Nov 2022 organized by Deshbandhu College, University of Delhi and DPSRU.

• Ms Isha Aggarwal and Ms Sanskriti Sahu (MBA-PM and MBA-PET)

Bagged First position and a cash prize of Rs. 30,000/- in National Level Inter College Debate Competition 2022-23 at NIPER Mohali organized by Sentiss Pharma on the topic "The generic pharmaceutical Industry is a boon or bane for the healthcare innovation".

• Mr. Ayush Mawri (B.Sc. (H) Sports Science)

Secured 2nd position (Silver medal) in Judo underweight 65kg Category in 36th National Games held at Gujarat dated 6th to 10th October, 2022.

• Mr. Surender Yadav (B.Sc. (H) Sports Science)

a) Secured 1st Position (Gold Medal in Taekwondo underweight 68 kg Category, during 3rd Mount Everest International Open Taekwondo Championship, 2022 dated 22nd to 25th September, 2022.

b) Secured 1st Position (Gold Medal) in Freestyle Open U15+ Year category and 2nd position (silver medal) in Kyorugi (PSS) U18+ year category in Bangkok open international Taekwondo Championship, 2022 dated 19-20 November, 2022.







Ms Namrata Gautam (Ph D Scholar)

Attended 7 days fully funded Training-Certificate Program "STUTI" (AUG 2022), on "Recent Approaches and techniques in Drug Design and Drug Discovery" organized by Dept. of Science and Technology (DST) at Shoolini University, Solan, H.P

Ms. Bhumika Rawat (B.Sc. (H) Sports Science)

Secured 1st Position (Gold Medal) in Junior U19-23 Yrs 90kg Categoryin Delhi State Strong Competition, 2022 dated 18th September, 2022



5 students from DPSRU were selected for 2nd Delhi Youth Parliament and received certificates and mementos from Shri Manish Sisodia and Shri Ram Niwas Goel



Anushka Kaushal (B. Pharm. Ayurveda, 2nd Year



Vasu Manchanda (B. Pharm. 2nd Year)



Cheshta Sareen (B. Pharm. 1st Year)



Ankit Raja (B. Pharm. Ayurveda, 2nd Year)

Alumni Visits

Sh. Laxmi Narayan Bansal ji, DIPSAR (COP's first batch -1975 B. Pharm graduate) visited the campus and interacted with VC sir, Registrar sir, faculty members and students on 8 May 2023.



Our Alumni, Dr Manish Diwan, Mr Rajiv duggal, Ms Aparajita Takiyar Mr Sharabh Sharma, Mr. Dharmendra, Ms. Tanya , Mr. Anshul visiting DPSRU.



अद्यमः कार्य साधवः

ALUMNI WALL OF FAME



INTERNATIONAL ALUMNI



PROF. AJAY BANGA Professor & Chair Mercer University, Atlanta Georgia, USA



DR. RAM KAPIL Eecutive Director, Clinical Pharmacology, Imbrium Therapeutics (Purdue Pharma), R & D Adviser



DR. MANOJ P. JADHAV Founder & CEO ISHA Therapeutics New Jersey, USA



DR. VIPAN DHALL R & D Business Leader Founder & CEO Credence Consulting Inc., Toronto, Canada



DR. AMIT KHANNA VP, Global Progam Head Neuroscience Development, Novartis Pharma AG Switzerland



DR. SMITA KAKAR Scientific Reviewer Baltimore, USA



DR. SANDEEP KUMAR BAGGA Pharm Research & Clinical Trials, USA



DR. RAJGOPAL VP of Analytical Services, Nephron Pharmaceuticals Corpn., South Carolina, USA



DR. VIJAY WALIA Senior Director CDx Ex US FDA, HBS Alumni Maryland, USA



ALUMNI WALL OF FAME



ALUMNI IN ACADEMÏA



PROF. R.K. SHARMA Pro Chancellor, SGT University, Gurugram



PROF. ARUN NANDA MDU, Rohtak



PROF. SANDHYA BAWA SPER, Jamia Hamdard, New Delhi



PROF. R.K. KHAR Director, B.S. Anangpuria Edu. Inst., Faridabad Ex-Dean, Jamia Hamdard



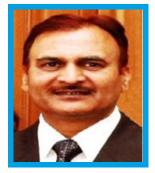
PROF. SHYAM SUNDER SHARMA NIPER, Mohali



PROF. S.L. NASA Lloyd Institute of Management & Technology, Greater Noida



PROF. ARVIND BANSAL Dean, Dept. of Pharmaceutics NIPER, Mohali



PROF. M.R. JADAV The M.S. University of Baroda, Vadodara



DR. SURENDER SINGH Professor, Dept. of Pharmacology AIIMS, New Delhi





ALUMNI IN GOVERNMENT SECTOR



DR. ATUL NASA Pro Vice-Chancellor, SGT University Ex- Head, Drugs Control Department Government of NCT of Delhi



DR. JAIPRAKASH Senior Principal Scientific Officer Indian Pharmacopoeia Commission, Ghaziabad



DR. V. KALAISELVAN Senior Principal Scientific Officer, Indian Pharmacopoeia Commission. Ghaziabad



DR. TARUNA MADAN Scientist G, NIRRH Mumbai (ICMR)



DR. NIDHI SANDAL Scientist F INMAS, DRDO, Delhi



RAJNI SHARMA IRS, Dy. Commissioner, ACC Import, (Customs & Central Excise) New Delhi



DR. MANISH DIWAN Head- Strategy Partnership & Entrepreneurship Development BIRAC, Dept. of Biotechnology, Govt. of India



K.R. CHAWLA HOO, Drug Control Department, Govt of NCT of Delhi



DR. SARIKA MADAN Scientist E, Dept. of Scientific & Industrial Research Govt of India

International Affairs and Networking

MoU With Sultan Ageing Tirtayasa

University, Indonesia

- On 10th August 2022, Delhi Pharmaceutical Sciences and Research University signed MoU with Sultan Ageing Tirtayasa University in Indonesia (UNTIRTA) State government University, YAB Physiotherapy School of Academy, and Pontianak Aisyiah Politeknik, Indonesia.
- Dr. Sheetal Kalra welcomed the delegates from Indonesia namely, Prof Imam, Former Dean, of Physiotherapy, Binanwan University Jakarta, Dr. Siti Fardia, Dean, Faculty of Medicine, and Dr. Eka Riana Vice Director, Pontianak Aisyiah Politeknik.
- Dr. Shilpa Jain then introduced the Physiotherapy program to the delegates.

- The MoUs were signed in the esteemed presence of Honorable Vice Chancellor Prof Ramesh K Goyal, Dr. OP Shukla Registrar DPSRU, Professor Geeta, Dean Academics, faculty members, and students.
- The Memorandum of Understanding will enhance capacity and clinical excellence in the areas of Physiotherapy, Sports Science, Pharmacy, and Allied Health Sciences. The activities that are proposed under this agreement will include the development of courses, as mutually agreed, the exchange of academic materials. staff, research students, resources, and research collaboration in areas of mutual interest. International webinars, conferences, and quest lectures are also proposed under this MoU.



Successful story on collaborative quality initiatives with Stavropol State Medical University (STSMU), Russia AND DPSRU

Prof. Ramesh K. Goyal, Hon'ble Vice-Delhi Chancellor, Pharmaceutical Sciences and Research University (DPSRU), New Delhi has signed MoU Stavropol State with Medical University (StSMU), Russia on 25th September 2017 for various academic research program including and faculty exchange. The main features of the agreement are to explore and made possibility of joint projects for student and faculty exchange. designing of joint courses and to collaborate research projects. teaching learning materials and other literature relevant to their educational scientific and research programmes. Joint organization of seminars. conferences, workshops and short/long continuation term education programmes on topics of mutual interest, exchange of faculty & students, competency based teaching through formal as well as Health and Family welfare programmes, preparing effective curricular activities to meet international standards in accordance with the syllabus of the universities.

Under this joint collaboration and dynamic leadership of Hon'ble Vice Chancellor, Prof. Ramesh K. Goyal, one faculty member, Dr. Madhu Gupta has filed a patent jointly on the topic "Topical Nano-lipidic Gel Formulation for Diabetic Foot Ulcer" and successfully granted Indian Patent (Patent No. 389250) on dated 15th Feb 2022 as well as published PCT patent on May 2022 (Patent no. WO 2022/101921A1). Now, University is looking for technology transfer and commercialization of products.

The main impact of this research is to provide an innovative product that will be a breakthrough history in terms of wound healing products and will be available to the real stakeholders (patients) in its effective form also would be able to overcome all the challenges associated with available marketed products. Such innovative product will definitely provide the great opportunity to the scientific community for development of similar line of products as well as to explore the alternative use of Regenerin with complete scientific justification.

Memorandum of Understanding

This Memorandum of Understanding herein after referred to as AGREEMENT* and is made and entered on the -2-3-44 day of Sector Memoral Action of the Adress
And

International Centre for Medical Education and Research (ICMER). "Crescent Court", 963/5, Poenamaliee High Road, Chennai-60084, represented by its President, Dr. A. Najeerul Ameen

A.Objectives and Scope of Agreement

This memorandum is signed with the objective to develop cooperation among the three institutions being established by mutual

MoU With NITRD

Continuing its legacy to ardently adhere to its vision and mission, under the guidance of Honourable VC, Prof Ramesh K Goyal, DPSRU signed a Memorandum of Understanding with the National Institute of Tuberculosis and Respiratory Diseases (NITRD) for posting its graduate and postgraduate students of various programs.

- NITRD is involved in providing the best possible clinical care as well as teaching and research in Thoracic Surgery, Pulmonary Medicine, and Microbiology. The institute has been a pioneer in establishing an online difficult-to-treat TB clinic and difficult-to-treat Thoracic Surgical Cases clinic.
- The MoU was signed between Director Prof (Dr.) Ravindra Kumar Dewan from NITRD and Registrar Dr. O.P. Shukla from DPSRU, in the presence of Prof. Richa H Rai, School of Physiotherapy, DPSRU, Dr. Jaseela Majid, HoD, School of Allied Health Science and Management, DPSRU, Dr. Sheetal Kalra, Associate Professor, School of Physiotherapy and Ms .Shivani Dutt, Liaison Officer DPSRU.



Co-Curricular Activities 13th IASTAM Oration and Awards Function-2023 & International Conclave

DPSRU and International Association for the Study of Traditional Asian Medicine (IASTAM) jointly organized "13th IASTAM Oration and Awards Function-2023 & International Conclave" on January 21-22, 2023 at DPSRU Campus. The theme of this year was "Regulatory Aspects of AYUSH Products for Global Reach and Competitiveness".

The inauguration of the event was organized in Dr. G.K. Narayana Auditorium DPSRU campus on January 21, 2023. The Chief Guest of the ceremony was Mrs. Shailja Chandra, Former Secretary, Ministry of AYUSH. Prof. Rabinarayan Acharya, Director General, CCRAS, New Delhi and Prof. Asim Ali Khan joined the event as Guest of honor. The event started with invocation and University song. Welcome address and Introduction was given by Prof. Ramesh K. Goyal, Vice Chancellor, DPSRU and he elaborated about the developments in DPSRU in field of Ayurveda and Unani towards Research formulation development and testing facilities. Dr. C.K. Katiyar, President, IASTAM, India addressed the gathering and given introduction of IASTAM. This was followed by felicitation of Guests. After this, Dr. Narendra Bhatt addressed and elaborated about IASTAM Awards. 3 Orations and 9 awards were conferred to distinguished persons for their contribution in the field of Traditional Asian Medicine. IASTAM 'Pt. Shiv Sharma Oration' For Contribution to Promotion of Ayurveda was given to Acharya Balkrishna, Vice Chancellor, Patanjali University, Haridwar.

IASTAM 'Zandu International' Oration For Research Contributions to Natural Products was given to Dr. Dilip Ghosh, Principal Consultant, Nutri Connect, Sydney, Australia. IASTAM 'Zandu International' Oration For Research Contributions to Ayurvedic Products was given to Dr.SureshPatankar, Hon. Professor & HOD Urology, BJ. Medical College & Sassoon General Hospital, Pune. 'Dr. K. N. Udupa' IASTAM Award for contributions to Research in Ayurveda / Indigenous Systems of Medicine was given to Dr. Shridhar Dwiwedi, Senior Consultant Cardiologist & Head, Academics, National Heart Institute, New Delhi. 'Dr. C. Dwarakanath' IASTAM Award For Contemporary Interpretation or Application of Ayurvedic Principles was given to Dr. Bheema Bhatta, Medical Director, AyurVAID Hospitals, MedantaMedicity, Gurugram/Delhi. 'Dr. K. M. Parikh' IASTAM Award Contribution For to Drug Development of Ayurvedic/ Herbal Pharmaceutics was given to Dr. VandanaMody, Vice President _ Phytochemistry Department at Cadila Pharmaceuticals Ltd. Vinaben Patel'IASTAM Award For Excellence in Teaching Ayurveda was given to Dr. H. M. Chandola, Former **Director-Principal** Ch.Brahm Prakash AyurvedCharakSansthan Govt. of NCT of Delhi, Former Dean IPGT&RA Gujarat Avurved University Jamnagar. Shri Mathuradas Parikh. IASTAM Award for Excellence in Profession-Ayurveda was given to Vijayant Deopujari

Medicine (NCSIM), Ministry of AYUSH, Government of India. Yoga Forum Munchen Patanjali IASTAM Award for Excellence in Interdisciplinary Development of Yoga was given to Dr. Manjunath N.K, Dr. Manjunath N.K, Pro-Vice-Chancellor, S-VYASA University, Bangalore. Shri Gopaldas Parikh IASTAM Award for Contribution to Drug Development in the field of Phytochemistry, Medicinal Chemistry, Pharmaceutical Chemistry or Biochemistry was given to Dr. Rakesh Maurya, Consultant, CSIR-CDRI. Vd Chandra Prakash IASTAM Award for Contribution in Rasa Shastra was given to Dr. K. Shankar Rao, Former Pro Vice Chancellor: of the National Institute of Ayurveda (De Novo University), Jaipur and Shri Jugatram Vaidya IASTAM Award for Excellence in Shalya Tantra was given to Vd. Haridra Dave, Former I/C Deputy Director (Ayurved) Training and Research, Directorate AYUSH, Gujarat, India.

After this, the souvenir of this event was released by the Chief Guest and Guest of Honor. Prof. Rabinarayan Acharya, Guest of Honor, discussed about the importance of traditional systems of medicine and updated the gathering about work done so far by CCRAS in his address. This was followed by the address of Prof. Asim Ali Khan, Guest of Honor and he also elaborated about the significance of the Unani medicine system and updated about CCRUM. Chief Guest, Mrs. Shailja Chandra, Former Secretary, Ministry of AYUSH, Government of India shared her journey and work experience in this field and emphasized on scientific validation of traditional medicines

– Chairman, National Commission for Indian . After this, Dr. Narendra S. Bhatt introduced the audience with Acharya Balkrishna and Oration was given by Acharya Balkrishna. This session was chaired by Prof. Rabinarayan Acharya and Dr.Narendra S. Bhatt. Acharya Balkrishna enlightened the gathering by his thought-provoking ideas and shared the contribution of Patanjali University in this field. Concluding remarks were given by Prof. Rabinarayan Acharya. Vote of Thanks was delivered by Prof. Ajay Sharma, DPSRU. This was followed by the National Anthem and Lunch. Oration 2 and 3 were given by Dr. Dilip Ghosh, Principal Consultant, Nutri Connect, Sydney, Australia, and Dr. Suresh Patankar, Hon. Professor & HOD Urology, BJ. Medical College & Sassoon General Hospital, Pune respectively. This was followed by themebased plenary lectures and expert talks. The first plenary lecture session comprised 3 lectures on the conclave theme. This session was chaired by Dr. Manjunath N.K, Pro-Vice-Chancellor, S-VYASA University, Bangalore, and Dr. Kousthubha Upadhyaya, Adviser (Ay.), Drug Policy Section, AYUSH. The first plenary lecture given by Dr. Narendra was Bhatt, Consultant Ayurveda; Research & Industry, CRIA Consultant, Mumbai on the topic "AYUSH Regulatory Aspects: Some Critical Issues for Deliberation".

> The second plenary lecture was given by Dr. Vishweshwaraiah Prakash. Former Director-General, the Council of Scientific and Industrial Research (CSIR) on the topic "The AYUSH Regulatory and Global Leadership".



The third plenary lecture was given by Dr. Kanan Shah, Research and Regulatory Associate, Alphamed Pty Ltd, Sydney Australia on the topic "Introduction to Multi-Herbal Preparations Australia: in Scope and Regulations". This session was followed by a tea break. After this Symposia 1 started with the theme: "Phytopharmaceutical Regulations and CDSCO". Symposia 1 is comprised of 4 expert talks. The programme is followed by a cultural event.

The second day of the 13th IASTAM Oration and Awards Function-2023 & International Conclave was started with the panel discussion. Dr. Kirti Bhati, IASTAM, and Dr. Mahaveer Dhobi. DPSRU were the coordinators of this session. All the awardees and invited guests were there for a panel discussion.After this, the next plenary lecture started Dr. Vikash Babu, Sr. Scientist, CSIR -Indian Institute of Integrative Medicine, Canal Road, Jammu and Prof. Geeta Aggarwal, DPSRU were the chairpersons. Prof. Vidhu Aeri and Dr. Sanjay Sharma were the speakers for this lecture. Dr. Vikash Babu has given the concluding remarks for this session. After this Symposia-II has started. The theme of this session is "International Regulations with respect to Complementary and Alternative Medicines".Dr. H. M. Chandola. Former Director -Principal, Ch. Brahm Prakash AyurvedCharak Sansthan, New Delhi and Dr. Minakshi Garg, Associate Professor, DPSRU were the chairpersons of this symposia. Dr. Shridhar Dwivedi, and Dr. SN Gupta were the speaker for this symposia. Dr. H. M. Chandola, has given the concluding remarks for this session. In Synmposia-III, the theme of this session is "AYUSH Regulations".

Dr. Narendra Bhatt, Consultant Ayurveda; Industry, CRIA Consultant, Research & Mumbai, and Prof. PK Prajapati, Vice chancellor, Shree Sarvapalli Radhakrishnan Rajasthan Ayurved University, Jodhpur were the chairperson and Dr. S. Dangayach, Dr. Raman Mohan Singh, Prof. (Vaidya) Rakesh Sharma were the speaker for this session. The session was concluded by Prof. PK Prajapati. In Synmposia-IV, the theme of this session is "Neutraceutical and Food Products". Dr.Manasi Deshpande, Prof., and HOD Bharati Vidyapeeth Deemed to be university, College of Ayurved, Pune and Dr. H. S. Tiwari, Medical Advisor, Multani Pharmaceuticals Ltd were the chairpersons and Dr. B. Sesikeran, Dr. K. Shankar Rao were speaker for this session. Dr. Manasi Deshpande conclude the session.After the symposia penal discussion is started on the theme, 'Ayush and Natural Products'Dr. Narendra Bhatt, Dr. Prasoon Gupta, Principal Scientist, CSIR IIIM Jammu, and Dr. Deepti Pandita, DPSRU were the coordinators of this session. Dr. Anil Sharma, Vice President, AIMIL Pharmaceuticals Ltd., Dr. R. K. Manchanda, Director(AYUSH) Government of NCT Delhi, Dr. K. Shankar Rao, Former, Vice Chancellor, NIA Jaipur, Dr. C K Katiyar, President IASTAM, India were the panelist for this discussion. In Valedictory function Prof. Anil D. Sahsrabudhe, Chairman, National Board for Accreditation, was the chief Guest and Mr. ShekharDutt, Former Governer of Chattigarh was the Guest of Honour for this function.

Welcome address is given by Prof. Ajay Sharma. The report of conclave was given by Dr. Mahaveer Dhobi followed by the Prize distribution and feedback is taken by the students and participants. Then the participants were addressed by the wise words of Guest of honor Shri. Shekhar Dutt and our Chief Guest Dr. Anil Sahasrabudhe. The concluding remarks were given by the Dr. CK Katiyar. And vote of thanks was delivered by Dr. Kirti Bhati. The event was ended with National anthem.

Status of Participation of the Conference Total delegates registered: 225 (approx.) which includes students, scholars, faculty and industrial delegates. Total research papers presented by students and faculty: 85, Orations by distinguished scientists: 03, Plenary lectures by Awardees: 05, Invited lectures: 12, Participation of delegates from 5 States of India; 02 panel discussions, and 04 Symposia on the themes, Phytopharmaceuticals Regulations, International Regulations with respect to Complementary and Alternative Medicines, AYUSH regulations and Nutraceuticals and food products. Participation by Pharmacy and Ayurved institutes: Over 25.

Co-sponsors: IASTAM, Pharmaceutical Industry and Analytical Instrument Companies like Emami, Aimil, Multani, Waters, Khera instruments Pvt. Ltd, Yogic secrets, Thermofisher Scientific, Milestone and Nirali Prakashan.

Expected outcomes of the conference

The two-day deliberations will come out with recommendations to be submitted to the Government with the respect to regulatory issues and solutions to promote AYUSH Industry. Development of Centre of Excellent on Traditional Medicine in the University and lastly MoU with Patanjali University and it was confirmed by Acharya Bal Krishna Acharya.



DPSRU celebrates "Har Din Har Ghar Ayurveda"

DPSRU organized a one-week program titled "Har Din Har Ghar Ayurveda" on the theme "Ayurveda for Happy and Healthy Life of Senior Citizens" from October 3-8, 2022. This initiative aimed to promote Ayurveda's role in addressing emerging health challenges and was part of "Ayurveda @ 2047 - Azadi ka Amrit Kaal".

Aligned with the mission of "Health for All," the focus was on prevention, rehabilitation, and disease management. The series of events highlighted Ayurveda's contribution to managing chronic lifestyle and noncommunicable diseases, particularly among the elderly.

Throughout the week, DPSRU distributed Ayurvedic medicinal plants and free medicines to senior citizens, organized awareness rallies, and visited an old age home. The program featured expert lectures from industry, academia, and government.

Day 1 Inaugural Session: The event began with a lamp-lighting ceremony and traditional rituals. Honorable Vice Chancellor Prof. R. K. Goyal and Special Guest Prof. (Dr.) P.K. Prajapati, Director of PCIM & H and Head of the Department of RS & BK at All India Institute of Ayurveda, New Delhi, delivered the inaugural and keynote addresses respectively. Prof. (Dr.) Rabinarayan Acharya, Director General of Central Council for Research in Ayurvedic Sciences, New Delhi, was the chief guest. Dr. Arun Kumar Agarwal, BOG Member and former Dean of Maulana Azad Medical College, New Delhi, also graced the occasion. Prof. Ajay Sharma, HOD of the Department of Pharmacognosy and Photochemistry, DPSRU, welcomed delegates and outlined the week's schedule. Honorable Vice-Chancellor Prof. R. K. Goyal provided insights into modern Ayurvedic perspectives and the development of Ayurveda programs at DPSR University. The dignitaries were honored with bouquets and a statue of Lord Dhanvantari.

The event aimed to raise awareness about Ayurveda's principles, particularly concerning the elderly, within the student and community. Prof. (Dr.) P.K. Prajapati delivered a keynote address, emphasizing Ayurveda's objectives and its branches, focusing on "Jara Chikitsa" (geriatric care) from the Ashtanga Ayurveda. He discussed strategies to delay or prevent age-related disorders and their treatment. Prof. (Dr.) Rabinarayan Acharya elaborated on Ayurvedic treatments for various body systems, shedding light on the role of Pharma students in studying Ayurvedic formulations' pharmacokinetics and pharmacodynamics.

The program concluded with a felicitation ceremony for senior citizens, during which they were presented with Ayurvedic medicinal planters.



Day – II: Free Health Camp

DPSRU, October 4. 2022, On in collaboration with Rotary Club Central and Hope Ek ASHA, conducted a free health checkup for senior citizens. The event was graced by Prof. Ramesh K. Goyal and Chief Guest Dr. Raj K. Manchanda, along with Ayurveda consultants Dr. Ashish Sharma, Dr. Rejanshu, Dr. Rahul Gupta, and Mr. H. S. Chawla from Hope Ek Asha.

The health check-up camp inaugurated by Dr. Raj K. Manchanda, followed by a welcome address by Prof. On October 5, 2022, DPSRU welcomed Dr. and highlighted the research potential for program. innovative outcomes. He also mentioned DPSRU's ongoing work in standardizing drugs and medicines and its expanding collaboration with hospitals to explore new avenues in the herbal industry.

Dr. Raj K. Manchanda praised the Ayurveda 2022 celebration. Indian households and encouraged DPSRU to align with Ayush's vision. Mr. H. S. Chawla discussed elderly health issues and Dr. Sumeet Goel delivered an expert talk on the potential remedies.

Avurvedic consultants Physiotherapists conducted health checkups. Free Ayurvedic medicine samples and medicinal planters were distributed to senior citizens. The evening session featured an expert lecture by Dr. Ritu Sethi, Consultant Gynecologist, on women's Dr. Devesh Tewari, Assistant Professor at the sanitation and hygiene, highlighting the area.



Day - III: Ayurvedic Insights for Dussehra was **Celebration**

Ramesh K. Goyal. Prof. Goyal emphasized Sumeet Goel, Technical Officer at CCRAS under the integration of various medical the Ministry of AYUSH, for an online session as disciplines into the university's curriculum part of the "Har Din Har Ghar Ayurveda"

The session commenced with Prof. Ramesh K. Goyal's welcome address, highlighting the ongoing "Har Din Har Ghar Ayurveda" program and its significance within the context of the Prof. Goval widespread use of Ayurvedic remedies in summarized the activities conducted in the preceding days and underscored Ayurveda's importance in the context of Dussehra.

> best Ayurvedic practices for senior citizens. He and discussed Ayurvedic dietary practices and their incorporation into daily life. Dr. Goel also provided insights into various AYUSH schemes initiatives and governmental aimed at improving the lives of the elderly population, which is continually growing.

Department of Pharmacognosy and need for adequate health services in this Phytochemistry, DPSRU, presented the next lecture.

He discussed ethnopharmacological aspects to enhance the quality of life for senior citizens. Dr. Tewari emphasized the significance of planting and the role of different Ayurvedic plants in disease management and health enhancement.

The session concluded with Dr. Foziyah Zakir, Assistant Professor at the Department of B. Pharm (Ayurveda), DPSRU, delivering concluding remarks and expressing gratitude. The online event attracted 50 participants, including students and faculty members.

Day IV: Community Rally and Expert Talk:

On October 6, 2022, a spirited morning rally was led by Prof. Ramesh K. Goyal, Directors, Deans, Organizing Secretary, faculty, students, and staff members. About 43 students and 30 teaching and non-teaching staff members participated, covering a 5 km route through adjoining areas of DPSR University including Khanpur and R.P.S. colony. The rally echoed with slogans like "Har Ghar Ayurveda, Ghar Ghar Ayurveda," "Jai Dhanvantari, Jai Ayurveda," and "Amla Khao, Bhudapa Bhagao." The purpose of the rally was to spread awareness and promote the incorporation of Ayurveda into everyday lives.

The rally was followed by an expert talk session. Prof. Ramesh K. Goyal delivered the welcome address, drawing connections between Hindu Shlokas and Ayurveda, highlighting how they contribute to leading a balanced daily life. Mr. Anil Khandelwal, Managing Director of Yogic Secrets Healthcare Private Limited, was the guest speaker. He discussed "Ways to Manage Common Health Problems in Elderly Society." Mr. Khandelwal emphasized stressfree living through a healthy lifestyle, focusing on balanced diet routines and maintaining one's biological clock. He underscored that embracing a healthy diet leads to happy aging and encouraged a medicine-free and disease-free life. He also advocated applying Ayurvedic principles in kitchen management. The session concluded with the audience pledging to make the best of their lives moving forward.





Post-lunch, poster and oral presentation competition was held on the themes – "Effect of Rasayana on geriatric health care", "Impact of Ayurveda during COVID pandemic", "Ayurveda for geriatric health management". The students of B. Pharm (Ayurveda), M. Pharm (Pharmacognosy) and Ph.D. (Pharmacognosy) displayed hand-made posters on the corridors of 4th floor which were judged by Dr. Abhishek Dadhich and Mrs. Rakhi Ahuja, faculties of SAHSM, DPSRU. Oral presentations on similar themes were also held in LT-401 which were evaluated by Dr. Gunjan Sharma.





Day V: Old Age Home Visit

On October 7, 2022, a visit to the old-age home "Mann Ka Tilak" was organized in collaboration with AIIA. The team was led by Prof. Ramesh K. Goyal, who flagged off the event at 10:00 AM. Upon reaching the venue at 10:30 AM, Dr. Jaseela Majid delivered an introductory address.

During the visit, Dr. K.C. George conducted an insightful counseling session for the elderly, incorporating real-life examples. The physiotherapy faculty from DPSRU, Dr. Varsha Chorsiya and Dr. Jitender Munjal, conducted a group physiotherapy exercise well-being. session to promote Individualized physiotherapy sessions were tailored for each resident. Dr. Privanka Chauhan provided Ayurvedic consultations to the occupants, followed by a session led by Dr. Jaseela to address individual concerns and offer appropriate solutions.

The University distributed donated clothes, Ayurvedic immunity booster kits, fruits, biscuits, and rusks as part of a Healthy Nutrition Drive. The team spent quality time with the elderly, and pulse oximeters were provided to help them monitor their health. The program concluded with a valedictory session led by Dr. Jitender Munjal. Dr. K.C. George, the guest, received felicitation from Honorable Vice Chancellor Prof. Ramesh K. Goyal for his valuable support during the old age home visit. Additionally, B. Pharm (Ayurveda) students presented a Nukkad Natak (street play) on the theme "Ayurveda for Happy and Healthy Life of Senior Citizens."





Day VI: Symposium and Technical Session

On October 8, 2022, the week-long celebration culminated with a symposium held at DPSRU's GK Narayan Auditorium. Distinguished guests including Honorable Chancellor Lt. Governor Shri Vinai Kumar Saxena, Honorable Vice Chancellor Prof. Ramesh K. Goyal, Director Prof. Tanuja Nesari from All India Institute of Ayurveda (AIIA), Dr. Shridhar Dwivedi, Chairman of the BOG, Ms. Alice Vaz R., Secretary of DTTE, GoNCT of Delhi, alongside faculty, students, and staff, graced the event.

The symposium commenced with the lamp lighting ceremony and the University KulGeet. Prof. Ajay Sharma, HOD of the Department of Pharmacognosy and Phytochemistry and Organizing Secretary of the event, provided an overview of the week's events. Dignitaries were honored with shawls, statues of Lord Dhanwantari, towel bouquets, and Ayurvedic medicinal planters.

In his presidential address, Lt. Governor Shri Vinai Kumar Saxena emphasized Ayurveda's enduring relevance in India. He highlighted how people have practiced Ayurveda's principles in their daily lives unknowingly, mentioning honey as an example of a healthpromoting substance. Prof. Ramesh K. Goyal stressed the concept of "Health for All," citing references to Ayurveda in scriptures like the Ramayana. He advocated global promotion of

Dr. Tanuja Nesari detailed AllA's 6-week Ayurveda promotion program, emphasizing the 3Js – Jan Sandesh, Jan Bhaqidari. and Jan Aandolan. She discussed Ayurveda's role in combating COVID in India. Dr. Shridhar Dwivedi, a renowned cardiologist and medical educationist, highlighted Avurveda's historical significance and recited Sanskrit Shlokas to illustrate their role in combating heart diseases.

The event included the inauguration of DPSRU's annual magazine, Pharma Annual 2021-2022, and the launch of a special issue of the "Canadian Journal of Pharmacology and Physiology." Dignitaries visited the Centre for Precision Medicine and exhibition stalls showcasing COVIDfighting products developed in-house, along with Ayurvedic products from companies like Dabur and AIMIL

Technical Session followed with Chairpersons Dr. Saroj Chooramani, Dr. Mohd. Zubair, Dr. Mohd. Mujeeb, and Prof. Geeta Aggarwal. Prof. C.R. Babu spoke on "Bio-Diversity as a source of future drugs," and Dr. Narayana Ala discussed traditional ayurvedic practices and plants used to alleviate health issues. The session concluded with remarks by Dr. Mohd. Zubair.

The second session featured a lecture by Mr. D.C. Katoch on the role of Ayurvedic medicinal plants in preventing geriatric diseases, and Dr. Anil Sharma's elaboration on AIMIL's products for a healthy geriatric lifestyle. The session's chairpersons included Dr. R.K. Manchanda (Director, Ayush, Govt. of NCT of Delhi), Prof. Vidhu Aeri (Dean, School of Pharmaceutical Education and Research, Jamia Hamdard), and Dr. Sayeed Ahmed (Associate Professor, Dept. of Pharmacognosy and Phytochemistry, and In-charge of Bioactive Natural Product Laboratory). Prof. Vidhu Aeri delivered the concluding remarks for the session.

The final session was chaired by Dr. Sunil Kayesth (Associate Professor & Head, Dept. of Zoology, Deshbandhu College, DU) and Dr. Archana Negi (Professor & Dean, Dept. of Pharmaceutical Sciences, Kumaon University). Dr. Gurudutta Amin, the speaker, discussed dietary and lifestyle changes required to alleviate and reverse diabetes and hypertension. Prof. Archana Negi provided the concluding remarks.

The symposium's final conclusion was led by Dr. Narayana Ala, Dr. D.C. Katoch, Dr. Saroj Chooramani, Dr. Anil Sharma, and Prof. Wakode. Prof. Ramesh K. Goyal delivered the closing remarks, followed by a vote of thanks from Prof. Ajay Sharma, Organizing Secretary, and Dr. Mukesh Nandave, Joint Organizing Secretary.









2nd Annual Conference of Delhi Pharmacological Society (DPSCON 2023)

The inaugural session commenced with a warm welcome address, followed by a lamp lighting ceremony and Saraswati Vandana. Professor KD Tripathi, Ex-Director Professor MAMC, New Delhi, was felicitated during the session. Professor RK Goyal, Hon'ble VC of DPSRU and President of DPS, Professor T. Velpandian, Head of Dept. of Ocular Pharmacology, RPC, AIIMS & General Secretary of DPS, and Professor Kavita Gulati, Head of the Department of Pharmacology, VPCI, New Delhi, were also acknowledged for their contributions to the society's progress. The inaugural session concluded with a vote of thanks by Dr. Rajani Mathur, Organising Secretary of DPSCON 2023.

The Professor S.S. Agrawal Memorial Lecture was delivered by Professor Shyam Sunder Sharma from NIPER, Mohali, Punjab, on "Translational Challenges in Stroke Research." This was followed by the Professor S.K. Gupta Memorial Lecture, presented by Dr. Yatin Shivkar, Director of Global Safety Strategy and Risk Management at Johnson and Johnson, United Kingdom, discussing "Post Marketing Safety of Medicinal Products."

The scientific program comprised two symposia. The first symposium focused on "Applied Pharmacokinetics in Research," chaired by Prof. Jagriti Bhatia from AIIMS, New Delhi, and Prof. Divya Vohra from Jamia Hamdard, New Delhi. Professor T. Velpandian from RPC, AIIMS, New Delhi, discussed Drug Transporters Across Barriers. Dr. Rajani Mathur from DPSRU spoke about "Pharmacokinetics Aspects in Rationalising National Products," and Professor Pooja Gupta from AIIMS, New Delhi, covered "Pharmacokinetic Studies in Rationalising Cancer Medicine."

The second symposium centered on "Emerging Trends on Nitric Oxide Research," chaired by Prof. A. Ray, Ex-Head of VPCI, Delhi, and Prof. T. Velpandian. Prof. Kavita Gulati and Professor Arunabha Ray shared their research on "Role of Nitric Oxide in Bronchial Asthma" and "Translating Nitric Oxide Research to Therapeutics," respectively.

During DPSCON 2023, Dr. K. Ghosh from IIT Roorkee delivered a presentation on "Challenges and Overcome Pathways on Metal Nitrosyl Complexes and Controlled Delivery of Nitric Oxide."

A panel discussion on "Economic and Cultural Cooperation among G-20 with respect to Phytomedicine & Janaushadhi model" took place as part of DPSCON 2023 at 2:30 pm. Key participants included Mr. Venkat Hariharan Asha, Deputy Director of the Department of Pharmaceuticals, Ministry of Fertilizers and Chemicals, Gol, along with officials from Delhi Pharmacological Society participants from institutions like and DPSRU, AIIMS, Maulana Azad Medical College, Jamia Hamdard, and Vallabhbhai Patel Chest Institute. The discussion was chaired by Prof. Ramesh K. Goyal, Vice Chancellor of DPSRU, and coordinated by Prof. T Velpandian,

Pharmannual 2022-23

General Secretary of DPS. The University's eminent figures such as Professor Surinder activities related to G20 were presented Singh (AIIMS), Professor Kavita Gulati, through a video.

DPSRU is the first and only pharmaceutical Professor Arunabha university in the country, emphasizing its role winners were selected from each group, in promoting the pharmaceutical industry making a total of six participants who were and public healthcare. He discussed the honored with the prestigious Best Oral University's major units, including DPSRU Young Innovation & Incubation Foundation, Bionest - deserving recipients of this award were Ms. Bioincubator, DSIR-CRTDH, and Centre for Sana Rehman (HIMSR), Ms. Vaishali Yadav Precision Medicine and Pharmacy.

Delhi Pharmacological Society, and Mr. (DPSRU), Ms. Tejesvi Mishra (KIET), and Ms. Venkat Hariharan Asha outlined key points of Annanya Tuli (AIIMS). the G20 program by the Department of Subsequently, a General Body Meeting was Pharmaceuticals, covering areas Production Linked Incentive Scheme for Bulk members of the Delhi Pharmacological Drugs, APIs, and Medical Devices. He Society. The meeting covered various crucial mentioned the establishment of Bulk Drugs topics Parks in 7 states as part of the G20 program development, such as promoting young for and sought suggestions innovation, collaboration, and projects.

During the discussion, suggestions emerged unanimously approved. regarding prioritizing diseases and projects, The valedictory session marked addressing challenges in R&D, exploring new distribution of prizes to all the awardees, as areas, diagnostics development

Pharmacologists Oral Prize Session." A total of symposium, concluding the event with the 31 participants from 11 different institutes were rendition of the National Anthem. evaluated in three groups, each led by



Professor Deepti Pandita (DPSRU), Professor Prof. Ramesh K. Goyal highlighted that Lalit Gupta (LHMC), Professor PK Sahoo, and Ray.Notably, two Pharmacologist award. The (Jamia Hamdard), Mr. Hitesh Bhardwaj Prof. T Velpandian presented the objectives of (Lloyd Institute), Ms. Monica Taghotra

> like convened, attended by all office bearers and pertaining to the society's pharma pharmacologists and recognizing emerging research scientists. During this session, important resolutions discussed were and

the and focusing on vaccine and well as the felicitation of the chairpersons for the oral sessions. Certificates of appreciation The subsequent event was the "Young were presented to the speakers of the



Celebrating National Science Day 2023

DPSRU celebrated National Science Day on February 28, 2023, in conjunction with Azadi Ka Amrit Mahotsav and G20 events. This annual observance commemorates Indian physicist Sir C. V. Raman's discovery of the Raman effect on February 28, 1928. The theme for the 2023 National Science Day was "Global Science for Global Well-being."

The event welcomed esteemed guests, including Chief Guest Padma Bhushan Prof. Nirmal Kumar Ganguly, former Director General of ICMR, and Guest of Honour Shri Manoj Kumar Garg, retired IAS officer and current advisor at GGSIPU.

Commencing the program, Prof. P.K. Sahoo, Dean of Research and Innovation, extended a warm welcome. Dr. Sushama Talegaonkar, Coordinator of the RP Award event, introduced the Research Promotion scheme.

The Honorable Vice Chancellor, Prof. Ramesh K Goyal, delivered an engaging speech, sharing novel insights on pharmaceuticals, Sports Sciences, Physiotherapy, and Allied Health. He emphasized the need for an integrated approach to tackle challenges in the health industry.

Dignitaries released DPSRU's Research Promotion booklet and Newsletter. Shri Manoj Kumar Garg inspired the audience with his words, encouraging students to embrace innovative thinking. An attentive audience of nearly 200, consisting of faculty and students, absorbed his profound insights.

Following this, the Research Promotion Award Ceremony, led by Prof. Richa H Rai and Dr. Sushama Talegaonkar, recognized 47 students and research scholars. Additionally, 37 faculty members were honored for their patents and publications in high Impact Factor Journals. The Vice Chancellor bestowed special awards upon faculty members, while administrative staff were acknowledged for their continuous dedication. Prof. Geeta Aggarwal expressed gratitude in the Vote of Thanks.

A collaborative effort involving Prof. P K Sahoo, Prof. Geeta Agarwal, Prof. Richa H Rai, Prof. Rajiv K Tonk, Dr. Sushama Talegaonkar, Prof. Sharad Wakode, Dr. Vijender, Prof. Ruchika Malhotra (DTU), Dr. Suraj Pal Verma, Dr. Anoop Kumar, Dr. Varsha Chorsiya, Dr. Madhu Gupta, Dr. Prabodh C Sharma, Dr. Sheetal Kalra, Dr. Ajit K Thakur, Dr. Sheetal Yadav, Dr. Abhishek Dadhich, Dr. Amrita Mishra, Dr. Ruhi Ali, Dr. Sumit Sharma, Dr. Priti Jain, Dr. Anshul, Dr. Sakshi Bajaj, Dr. Foziyah Zakir, Dr. Sachin, Dr. J. Swaminathan, Dr. Sahil Kumar, Dr. Atul Jain, Dr. Roshni Tandey, Dr. Akash Midha, Mr. Ranjeet Kumar, Mr Ranjeet Kumar, Mr Dhruv Arora, Dr Anubha Agrawal, Mr Harish Meghwani, Mr Pankaj, Mr Rawal, Ms Lata, Mr S.S. Mathur, Ms Shivani Dutta, Ms Jyoti,

Mr Krishan Kumar, Mr Deepanshu, Mr Ashish and Mr Kuldeep, Mr Vikram, Mr Vikas (irrespective of the order in which mentioned) worked hard to make this program a huge success, under the guidance of Registrar Dr O.P.Shukla and Honourable VC. Everyone then enjoyed the Refreshments before they dispersed for the day which was no less than any other festival one celebrates in India.



Expert Lecture on Mental Health and Nutrition

- The School organized an insightful guest lecture on "Mental Health and Nutrition" on November 25, 2022. This session catered to students enrolled in the Master in Public Health, Master in Hospital Administration, and BBA (Community Healthcare) Programs. The esteemed resource person for this occasion was Dr. Luxita Sharma, Associate Professor and Head of the School of Allied Health Sciences and Management.
- Commencing with a felicitation and introduction by Dr. Jaseela Majeed, Head of the School of Allied Health Sciences and Management, the session swiftly delved into the pivotal link between nutrition and mental well-being.



 Dr. Luxita expounded on the significance of maintaining a well-balanced diet for optimal mental health. She highlighted how proper nutrition can enhance cognitive function, boost alertness, improve concentration, and contribute to overall mental clarity. Conversely, she also pointed out that an inadequate diet can lead to fatigue, hindered decision-making abilities, and a sluggish response time.

- The session was further enriched by an Expert lecture on interactive exchange of ideas, fostering a "Innovative practices dynamic engagement between the resource person and the students. Dr. Puneeta Ajmera, Associate Professor of SAHSM, extended a heartfelt vote of thanks, acknowledging the value of the session.
- to building awareness, reiterating the profound truth that the relationship we cultivate with food can have a profound impact on our mental well-being. It not only affirmed the age-old adage that "Food is medicine" but also emphasized how nurturing a mindful connection with food can positively influence our mental health.



Dr. Abha, having a rich experience in the field of epidemiology and biostatistics, explained the Innovative Practices introduced by the medical team under her guidance during Covid-19 pandemic to reach the needy population of Sunder Nagri where the Community Health Department (CHD) is situated. Online sessions were conducted by the medical experts to spread the awareness & preventive measures on Covid-19 and also online classes were arranged for the children in Daycare center facility so that their education was not hampered.

during Covid19 pandemic: Experience of a community Health department"

• The event encapsulated a day dedicated The School organized an expert lecture along with an interaction with Masters in Public Health and BBA Community Healthcare students on the topic, "Innovative practices during Covid19 pandemic: Experience of a community Health department" by Dr. Abha Mangal (MD, Community Medicine), Head Community Health Dept. of St. Stephen's Hospital, New Delhi on 16 November, 2022. The lecture commenced by a formal welcome and introduction by Dr. Jaseela Majeed.



Under the Mid-day Meal program by the Community Health Department, parents were involved in collecting food packages for their children to ensure Covid-19 safety measures. ANMs conducted regular health talks within the community, guiding them on health protocols. This collaborative effort showcased the success of the CHD model, serving as an example of community-driven healthcare. The session was expertly managed by Dr. Puneeta Ajmera and Dr. Sarika Singh, under the guidance of Dr. Jaseela Majeed.

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 Dr. Sushama Talegaonkar served as Pharmaceutical Sciences, DPSRU, New Delhi, in collaboration with IPA Delhi State Branch and APTI Delhi Chapter, organized 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".
- 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 in the pharmaceutical industry.



- The eminent speakers for the day were Dr. Afia B. Ali, Associate Professor, UCL School of Pharmacy, London, UK, and Dr. Smita Salunke, Senior Research Fellow and Chief Scientific Officer. European Pediatric Formulation Initiative, London, UK.
- They left no stone unturned in explaining the topic and resolving the queries from the participants.

- the chief coordinator, and student coordinators Ankit Monga, Shilpi Saxena, and Roshni Singh, from DPSRU's M. Pharm program, organized the successful webinar. Over 400 participants, including undergraduates, postgraduates, research scholars. Ph.D. students. and faculty members from across India, attended the event.
- The webinar began with an introductory speech Prof. bv Harvinder Popli, Director of SPS, DPSRU, followed by an address from Prof. P.K. Sahoo, Director of DIPSAR. DPSRU. Dr. Sushama Talegaonkar introduced the program.
- The session provided valuable insights into opportunities for Indian students pursuing higher education abroad their and prospects in the pharmaceutical Mr. Kalhan industry. Bazaz. President of IPA Delhi State Branch, delivered concluding remarks and extended a formal vote of thanks.

Expert Lecture on 'Anti-Microbial Susceptibility Testing and Significance in the clinical laboratory

The School organized an expert lecture on topic of Anti-Microbial Susceptibility testing and its significance in the clinical laboratory on 17th November 2022 at DIPSAR for third semester students of BMLT and DMLT.

The purpose of lecture was to introduce the students to antimicrobial susceptibility testing and its importance in medical laboratory technology course. The session was commenced by Dr. Jaseela Majeed, who introduced the speaker Dr. Pankaj Kumar Ghosh, Associate Professor and Head, Medical Laboratory Technology Meerabai- Delhi Skill & Entrepreneurship University, GNCTD to the BMLT & DMLT students.





Expert Lecture on Health Systems Strengthening through Disaster Readiness

The School organized an Expert lecture on 'Health Systems Strengthening through Disaster Readiness' by Ms. Pooja Saxena, DRR Lead at the Institute for Disaster, Emergency & Accident (IDEA) on 7.122022 for newly admitted students of MBA-PM, MBA-PET, MBA-HHM, MBA-ITM, & MPH.

Ms. Saxena has more than25 years of experience in Disaster Management, Public Communication, and Health Literacy and working at the IDEA. The team IDEA is working in the field of hospital safety, industrial safety, and road safety. It is providing a problem-solving platform using the ACE (Aesthetic Cost-effective Environment friendly) approach.

During the lecture she shared various innovative ways and digital platforms constructed by IDEA to create resilience and inclusion of novel approaches to empower the community. She explained about various health technology platforms to help in facing various challenges in safety.





Visit to GB Pant Hospital by BMLT and DMLT students

School in collaboration with Govind Ballabh Pant (G. B. Pant) Institute of PGER, organized 2 day laboratory visit on 19 -20 September 2022 to medical laboratory of G.B.Pant Hospital, New Delhi. A total of 88 BMLT and DMLT students of second semester along with faculty members visited different departments such as Microbiology, Biochemistry, Pathology laboratories and Blood bank of the hospital to get an exposure of various equipment's and different technologies used in the laboratories.





The laboratory visit started with the warm welcome and opening remarks by Dr. Jaseela Majeed to students. After that the students were divided into groups supervised by faculty incharge and were sent to

In the Biochemistry laboratory, Dr. Bhawana Mahajan, Associate Professor of Biochemistry at G. B. Pant Hospital, provided introduction to an the chemiluminescence analyzer. The lab's senior technician then demonstrated the chemiluminescence of use immunoassay for testing hormones, vitamins, and cardiac biomarkers using antibodies enzyme-labeled and antigens.

In the Microbiology Laboratory, senior technicians introduced students to bacterial culture and antibiotic sensitivity testing. They showcased equipment like Bactec bottles, urine microscopy using cled media, and the BACTEC MGIT 960 instrument for detecting Mycobacterium growth.

In the Pathology Laboratory, Mrs. Deepa, Senior Technician, showcased instruments used for tissue biopsy. The process of tissue fixation, dehydration, embedding, sectioning, and staining was briefly explained to the students. different laboratories on rotation basis.

At the Blood Bank, Mrs. Pankaj, Senior Technical Officer, provided an introduction to blood donation and its requirements. Technicians demonstrated blood collection from healthy donors, separation of blood components, and storage procedures.

The visit was organized by Dr. Swapan Gupta and Dr. Jaseela Majeed, providing students with insights into clinical practices. Faculty members including Dr. Ramsha Iqbal, Dr. Einstein Charles, Dr. Subodh Kumar, Dr. S. Sivakalai, and Ms. Sivani Dutt (Hospital Liaisoning Officer) coordinated the program. The 2-day visit enhanced students' practical knowledge and skills.

Participation in 19th HEALTH SUMMIT 2022: The Health Imperative

Faculty and students of SAHSM participated in the 19th Health Summit 2022, organized by CII in New Delhi on 29.11.2022. The summit's theme was "The Health Imperative - Accessibility, Affordability, Accountability, Adaptation, and Awareness." Attendees included MHA and MPH program students along with faculty members - Dr. Puneeta Ajmera, Dr. Sheetal Yadav, and Dr. Sheetal Kalra.

Eminent personalities from the Hospital and Healthcare Industry, such as Ms. Shobana Kamineni (Executive Vice Chairperson of Apollo Hospitals), Dr. Naresh Trehan (Chairman and Managing Director – Medanta-The Medicity), and Dr. Mansukh Mandaviya (Minister of Health & Family Welfare and Chemical & Fertilizers), participated in the inaugural session.

The summit's plenary sessions covered topics like the business of health, bridging health-wealth gaps, systematic health literacy, affordability, universal coverage, and value-based pricing. Expert speakers included Mr. N K Singh (Chairman, 15th Finance Commission of India), Dr. Devi Shetty (Chairman, Narayana Health), Mr. Venkatesh Ratnasami (Managing Director Sheares India Healthcare), Mr. Himanshu Baid (Managing Director Polymed), and more.

Other sessions focused on disruption in pharma and med-tech sectors, digital transformation in healthcare, globalization of Indian healthcare, and opportunities and barriers for India in integrative care. Esteemed figures like Mr. Sai Prasad (Executive Director, Bharat Biotech), Dr. Alexander Kuruvilla (Chief Healthcare Strategy Officer, Practo), and Mr. Pankaj Sahni (CEO, Medanta -The Medicity) shared insights.





Furthermore, the event offered an invaluable opportunity for students to engage directly with luminaries and thought leaders from the healthcare realm. Through these interactions, students had the privilege of gaining insights, knowledge, and perspectives from those who have shaped and continue to shape the landscape of healthcare in India. The event highlighted that healthcare's role goes beyond industry - it's a collaborative platform to achieve the "Continuum of Care" goal in India, especially as the country approaches its G20 presidency. Students had the privilege of interacting with these esteemed speakers.

61st National Pharmacy Week - 2022

With great zeal and fervour, DPSRU celebrated the 61st National Pharmacy Week from 23rd to 25th November 2022. The theme for the year was "Pharmacy of the World-India" and under the same, various riveting events were organised on 24th November to provide the budding health care professionals a platform to showcase their skills and creativity. The week was celebrated with great enthusiasm by the students and faculty alike, with over 200 registrations for various events. The programme was coordinated by Dr. Sushama Talegaonkar and co-coordinated by Dr. Anshul and Dr. Bharti Mangla. The student coordinator for the event was Gurpreet Kaur, B.Pharm 5th sem.





The Inauguration Programme held on November 23rd in the G.K Narayan Auditorium. commenced with the auspicious lamp lightening ceremony and Saraswati Vandana to invoke the Goddess of wisdom, followed by the DPSRU Kulgeet. As an ode to Goddess Durga, a soulful Bharatnatyam dance piece was performed by Ashna Pradeep, (B.Pharm 5th sem) member of Malang, the Dance Society of DPSRU. The Chief Guest, Prof. Bikash Medhi, **Ex-Additional** Professor and Medical Superintendent in PGIMER, Department of Pharmacology and the Guest of Honour, Dr. Saurabh Arora, Head of contract testing and research business at Arbro and Aurica were felicitated by the dignitaries. The introductory remarks were delivered by Dr. Sushama Talegaonkar followed by the welcome address by Dr. Geeta Aggarwal. Attendees also had the delight to hear an enthralling address by Prof. Harvinder Popli followed by an illuminating speech by the Chief Guest Prof. Bikash Medhi. The attendees were enlightened by the words of wisdom by the honourable Vice-Chancellor Prof. Ramesh K. Goyal. The Guest of Honour, Dr. Saurabh Arora delivered an interactive address engaging the audience. The programme was concluded with a graceful Kathak dance performance by Niharika Nayan Jha and Swidhi Jain (B.pharm 3rd sem) of Malang dance society and a vote of thanks by Dr. Anshul. The programme was hosted by Gurpreet Kaur, Mohini Diwan, Bhavya Sati (B.Pharm 5th sem) members of Verve-The Literary society of DPSRU and Dakshita of B.Pharm 3rd sem.

Paridrishya- the photography society of DPSRU covered the programme and beautiful rangolis on the theme of "Pharmacy of the World- India " were made by Aakrti- the art society to welcome the guests. The student coordinators for designing the invitations, flyers, banners and certificates were Gurpreet Kaur and Marut Mishra (B.Pharm 3rd year).

On November 24, several enticing events were organised to engage the young healthcare professionals including an Awareness Campaign on the topic of Antibiotic Resistance, a Poster Presentation Competition, Slogan and Quote writing competition, Elocution competition, and a Quiz competition, all on the theme of "Pharmacy of the World-India".

The Awareness Campaign organised by the NSS cell of DPSRU was started off at 10:00 AM near Tiranga Sthal, DPSRU. The aim of the campaign was to spread awareness about "Antibiotic Resistance". In the campaign, some key facts about the causes of antibiotic resistance and its threats to global health and development were highlighted.

Over hundred attendees actively participated. The event was coordinated by : Dr. Sahil Kumar, Dr. Vijender Kumar, Dr. Satish Manchanda and Dr. Prabodh Chander Sharma, Team NSS DPSRU. The faculty coordinators were Dr. Saveena Chauhan, Dr. Sumit Sharma and Dr. Pooja. The students who coordinated the programme were : Ujjawal Singh, Ramu Rathor, Vinit, Savej, and Dharmendra. The Poster Presentation Competition was organized on 24th November.

In an online competition centered around the theme "Pharmacy of the World - India," 18 creative poster submissions were received by the November 21st deadline. Shailza Singh (B Pharm, 3rd sem) secured the first position, followed by Ronit Chakraborty (B Pharm, 1st sem) in second place and Aarushi Goel (B Pharm, 3rd sem) in third place. The competition was organized and judged by faculty coordinators Dr. Mukesh Nandve, Dr. Foziya Zakir, Dr. Anoop, and Dr. Gunjan Sharma, along with student coordinators Mitali Dhar (B Pharm, 5th sem), Disha Charak (B Pharm, 3rd sem), and Naysa (B Pharm, 3rd sem). Posters were evaluated based on creativity, originality, and relevance to the theme.

For the Slogan and Quote Writing competition, 25 entries were received by the November 21st deadline. Rohit Rathore (B Pharm 3rd year) secured the first position in the slogan writing category, followed by Aarushi Goel (B Pharm 2nd year) in second place and Disha Charak (B Pharm 2nd year) in third place. In the quote writing category, Lalita Shah (B Pharm 2nd year) secured the first position, followed by Aman Kumar Saini (B Pharm 3rd year) in second place and Nandita Yadav (B Pharm 3rd year, Ram-Eesh Institute of Vocational & Technical Education) in third place. The entries were judged based on originality, relevance to the theme, neatness, and creativity.

Interactive Talk on EdTech : Unleashing the \$100 Billion Potential at PHD Chamber of Commerce

The PHD Chamber of Commerce and Industry organized an EdTech Talk session on unleashing the \$100 billion potential. The event took place on December 20, 2022, at PHD House, New Delhi. It was attended by all 2nd year MBA students of SAHSM.

The event started with opening remarks from Mr. Shreevats Jaipuria, Chair of PHDCCI's Education Committee, Mr. Saurabh Sanyal, PHDCCI's Secretary General, Mr. Raghav Gupta, Managing Director of Coursera India & APAC, and Dr. Pankaj Mittal, Secretary General of the Association of Indian Universities (AIU). The focus of the event was on Digital University, Online Certification, and Skill Development. Coursera for Campus was the primary partner, with Apeejay Education and the Jaipuria Institute of Management serving as auxiliary partners. The PhD chamber also released a white paper titled "Edtech Talk: Unleashing the \$100 Billion Potential."

Following the session, expert speakers delivered lectures on "Digital University: Online Certification & Skill Development." The distinguished speakers included Professor Pankaj Jalote, Distinguished Professor at IIIT Delhi, Mr. Nirupam Srivastava, Senior Vice President of Hero Corporate Services, Mr. Rohin Kapoor, Co-Founder & COO of My Edge, and Mr. Amit Goyal, Head of India & APAC at EdX. The session was highly interactive and beneficial for all the attending students.



Industrial Visit to Mankind Research Centre

Department of Pharmaceutics. School of Pharmaceutical Sciences. Delhi Pharmaceutical Sciences and Research University, organized an Industrial Visit for the students of M. Pharm(Industrial Pharmacy) to Mankind Research Centre 1 and 3 at IMT Manesar, Gurugram, Haryana. The purpose of organizing the visit was to familiarize the students with the industrial set up and the working culture of various departments. The two days tour was coordinated by Dr. Sushama Talegaonkar, Associate Professor, Dept. of Pharmaceutics & Dr. Sumit Sharma, Assistant Professor, Dept. of Pharmaceutics

In second half, students visited different departments of MRC 3 starting with Analysis to Formulation Development. Students saw various equipments from Vibrating-Sifter to Perforated Tablet Auto-Coaters & Capsule Filling Machine.



The visit involved a formal introduction and brief view of company by the technical staff members. Mr. Ekansh, Project Manager of Mankind gave an introduction about the vision, mission, on-going projects & upcoming projects in new departments like Biotechnology & Nasal Drug Delivery Systems. Students visited all the departments of MRC 1 starting from Formulation Development, Analytical Department, Packaging Department, and Microbiology lab to Regulatory Affairs and IPR department.

Expert Talk on Indirect Evidence Synthesis using Network Approach

The ISPOR India Chapter organized an expert talk on "Indirect Evidence Synthesis using Network Approach" by Dr. Dipika Bansal, NIPER Mohali's Assistant Professor, on March 31, 2023. Prof. (Dr.) R.K. Goyal, the Honourable Vice Chancellor of DPSRU, welcomed Dr. Bansal. The talk covered essential aspects like hypothesis confirmation, direct and generation, indirect evidence, and network metaanalysis.

Dr. Dipika Bansal also highlighted her recent research in JAMA Pediatrics. Attendees included DPSRU faculty and master's students in various fields. The event was coordinated by Dr. Rajani Mathur and Dr. Anoop Kumar, Assistant Professors of Pharmacology at DPSRU.



Webinar "Meet the Editor" with Editor in Chief of reputed Journal to promote Research and publication

DPSRU Organized a Webinar with the editorin-chief of the Journal of Science and Medicine in Sport (JSAMS) to promote Research on 16th Sept 2022. More than 116 individuals from different strata participated in this online event. 100% of the audience acknowledged their satisfaction with the event where 84% of the audience was highly satisfied and 96.6% expressed their desire to attend more such events. Further on being asked, participants suggested to conduct events on Plagiarism, Meta-analysis, career counseling, research in neurology, orthopedics and cardio pulmonary, skills, Academic writing and Career opportunities for Indian **Physiotherapist** abroad etc. The Editor in Chief Prof. Dr. Med. Tim Meyer introduced us to the Editorial Board of the Journal: we were lucky to have Danilo de Oliveira Silva and Kai Yee Yung also amongst us. He also explained the meticulous Workflow for the Editors in different capacities and also that for the Reviewers, the Aims and Scope of the journal also the metrics of the Journal, its overarching Aims and the type of articles accepted for publication, and the country-wise article publication status.



He appreciated the Indian researchers and emphasized that India has a wide scope of publication in the Journal and invited quality research articles. He also spoke about the sister Journal JSAMS Plus and its scope.

The program was hosted by Prof. (full) Richa H Rai School of Physiotherapy, Ms. Kashika Bhatia BPT final year student and Mr. Pankaj from the IT team.

DPSRU team is thankful to Prof. Ramesh K Goyal, Hon'ble Vice Chancellor DPSRU, Prof. P.K. Sahoo, Dean Research and innovation and current Incharge-Vice Chancellor and Registrar Dr. O.P. Shukla . Also, the entire team who contributed to the event Director SPS Prof. Harvinder Popli. Dean Academics Prof. Geeta Aggarwal, Dean Students' Welfare Prof. Rajiv K Tonk other senior faculty Dr. Richa H Rai, Professor, School of Physiotherapy, Dr. Sheetal Kalra, Associate Professor and offg. Head School of Physiotherapy, Dr. Gaurav Jain Associate Professor, Dr. Prabodh Sharma Associate Professor, Assistant Registrar Academics and Research Dr. Anubha Agarwal, the library staff Mr. S. Sengupta, Librarian, DIPSAR, Ms. Yogita Ahuja, Asst Librarian, DPSRU, Ms. Sarita Rani, Ms. Divya Kushwaha and Ms. Namarta Bhardwaj. The event was a great learning for all.

Visit to MCPH MAHE MANIPAL and KMC Manipal

Bachelor and Master of Physiotherapy program are offered by MCHP, Manipal. Prof Richa H Rai from School of Physiotherapy, DPSRU visited this another state-of-the-art facility designed to meet the international standards and to interact with the revered facultv for future opportunities for collaborative research, networking and liaisoning. The Manipal College of Health Professions (MCHP) offers career opportunities in Industrial health, special schools. General fitness and also in profession and research. Prof Richa H Rai met HoD Dr. John Solomon, a charming personality well appreciated for his impeccable manners who promised to identify opportunities in future. Also, other faculties whom she met during her visit to different departments of KMC which attached hospital has Physiotherapy Units but is catered to by MCHP Physiotherapy Department are Dr. Girish N. Dr. Abraham Samuel Babu. Dr. Mukesh Kumar and Dr. Anoop Bhat.



Dr Girish N and Melwin Student of MCHP Manipal



Dr Girish N, Prof Richa H Rai, Dr John Solomon (HoD MCHP Manipal)

Hands-on training on PCR technology

DPSRU-Centre for Precision Medicine organized a "Hands-on training on PCR technology" on 31st March-1st April & 3rd April1, 2023 at 9:30 IST onwards in Centre for Precision Medicine and Pharmacy. The workshop aims to provide hand-on training on PCR to the Master and Ph.D. students. The training was conducted in offline mode with more than 15 participants.

Day 1

The event started with a welcome address to the participants, trailed with presentation on DNA isolation, PCR basics, agarose gel electrophoresis and Gel imaging by Dr. Ruchika Sharma, Research Associate, DCPMP, followed by hands on training on DNA isolation and PCR.

Dr. Ruchika began her demonstration with a PCR machine. She began by explaining the PCR-related SOPs. She discussed PCR design process, followed by a discussion of gradient PCR. Dr. Ruchika Sharma led the PCR sample preparation part followed by PCR run. Participants were notified about each stage and component of the PCR sample preparation process. Throughout the day of training, participants were encouraged to think about how they could improve their thinking skills and how they could use PCR technology in their research.

Day 2:

On second day, Electrophoresis of the PCR product was carried out. To determine the size of the product, a DNA ladder was run along with it, and then gel imaging was completed using the geldoc system.

Day 3:

On third day, Expert talk was conducted by the two experts, Prof. Rupinder Kaur, Chitkara University and Prof. Amarjot Kaur, CGC Landra. Following Q&A and discussion session was held to allow attendees to clear up any remaining questions. A total of 45 participants attended the expert talk including Faculty and students. The training was coordinated by Dr. Ruchika Sharma. Training was ended with a vote of thanks on behalf of the DPSRU Centre for Precision Medicine. The participants provided positive feedback regarding the event and got an understanding of PCR technology. The training was organized by Prof. Dr Geeta Aggarwal, Dr. Jaseela Majeed, Dr. Ajit K. Thakur, Dr. Ruchika Sharma, Ms. Keerti and Mr. Jawed.



CAFT Coordinators attended DSIR-CRTDH Conclave 2022 (17th -18th November, 2022)

DSIR-CRTDH Conclave was held on 17th -18th November, 2022, Lucknow. The Chief Guest of the Conclave Dr. N. Kalaiselvi, Secretary, DSIR & Director General, CSIR. Dr. Radha Rangarajan, Director, CSIR-CDRI, Dr. Prabodh Kumar Trivedi, Director, CSIR-CIMAP, Dr. Bhaskar Narayan, Director, CSR-IITR, Dr. Sujata Chaklanobis, scientist G & Head-CRTDH, DSIR



DSIR-CRTDH Centers from 14 cities attended the 2 days conclave. Prof. Geeta Aggarwal, Prof. Deepti Pandita, and Dr. Gaurav Kumar Jain represented DSIR-CRTDH-DPSRU and presented the products being developed and the activities being conducted under the CRTDH center of the university i.e. Center for Advanced Formulation Technology (CAFT). They had a successful interaction with the chief guest Dr. N. Kalaiselviand other scientists who participated in the conclave. The CAFT team also visited CDRI Drug Research (Central Institute). Lucknow and had an interaction with the scientists for future collaboration. The conclave was a grand success

Pre-conference Workshop The workshop consisted of two sessions. on Role of **Pharmacognosy and Regulations for the Development of Traditional Medicine**

College, University of Delhi, organized a pre- Dr. Shiv Bharadwaj. Panel Discussion II conference workshop titled "Role Pharmacognosy and Regulations for the Drug Research" with panelists Dr. Maria de Development of Traditional Medicine" on Lourdes Pereira, Dr. Muhammad Nawaz, 03.11.2022. This workshop was part of the 2nd and Dr. Alok K. Paul. Panel Discussion III International Conference on Natural Products delved into "Secondary Metabolites and and Human Health-2022, scheduled from Herbal Drug Research" with panelists Dr. November 4-6, 2022, at the Department of Vladimir V. Zarubaev, Prof. Maria Asuncion Zoology, Deshbandhu College, University of Lopez, Dr. Chandramathi S. Raju, and Dr. Delhi, New Delhi, India. Before the workshop, Tooba Mahboob. the esteemed guests visited DPSRU Labs. The Session II, led by Vice Chancellor Prof. inauguration of the workshop commenced Ramesh K. Goyal, involved a hybrid onlinewith a traditional lamp lighting ceremony, led offline format. The workshop concluded by Prof. Ramesh K. Goyal, Vice Chancellor of with a vote of thanks by Prof. Ajay Sharma, DPSRU. Distinguished speakers from various followed by the National Anthem. countries were in attendance, and they were acknowledged honored and by Vice Chancellor Prof. Ramesh K. Goyal.

As part of tradition, the university's song was played to provide the guests with a glimpse of DPSRU. Dr. Mahaveer Dhobi, the event's cocoordinator, delivered the welcome address. Following this, Prof. Geeta Aggarwal, Dean of Academics, presented an overview of the University. Prof. Rajiv Tonk, Dean of Students Welfare, presented on "Co-curricular and extracurricular activities of DPSRU."

The workshop's first session featured three consecutive lectures by Prof. Veeranoot Nissapatron (Walailak University, Thailand), Prof. Julieta Z. Dungca (Centro Escolar University, Philippines), and Prof. Chea Sin (University of Puthisastra, Cambodia).

Session I, chaired by Prof. Harvinder Popli, Prof. Sharad Wakode, and Prof. Ajay Sharma, featured three panel discussions with experts joining both online and offline. Panel Discussion I explored "Challenges & Regulatory Aspects in Herbal Medicine and Biotechnological Advances" with panelists DPSRU, in collaboration with Deshbandhu Prof. Christophe Wiart, Prof. Petr Maly, and of focused on "Nanotechnology in Herbal



Hands on Training on Animal Imaging System

DPSRU organized a hands-on training program on the animal imaging system on 23.02.2023, which aimed to provide practical experience to the faculty members.





The experts of industry including Mr. Asad, Mr. Sayeed and Mr. Anil were the experts for the hands on training. The training was initiated by welcoming remarks of Prof. Geeta Aggarwal and felicitation of the experts. The training program focused on the theoretical and practical aspects of animal imaging, including the use of advanced imaging techniques and software. The faculty members and Ph.D. students actively participated in this training program, which provided them with an excellent opportunity to enhance their knowledge and skills in the field of animal imaging. The Ph.D. students were exposed to the latest advancements in the field of animal imaging, which may be helpful in their research work. In conclusion, the hands-on training program on the animal imaging system organized by the DSIR Centre at DPSRU was an essential initiative that helped the faculty members and Ph.D. students gain practical experience and knowledge in the field of animal imaging.

Scientific seminar on Basics & Advancements in Spectroscopy

The scientific seminar under G-20 took place on 22nd March, 2023 in DPSRU from 11 am onwards.

The seminar talk delivered by Dr. Vishal Khatavkar, Water Corporation Person. In this seminar more than 50 students are present along with different faculty members. The experts were felicitated by Prof. Harvinder Popli, Director, SPS, Prof. Geeta Aggarwal, Dean of Academics, Dr. Mahareev Dhobi, faculty coordinator, and Dr. Saurabh Dahiya, G-20 coordinator.

During this seminar Dr. Vishal explained many applications of Mass Spectrometry in different fields like Food Research, Pharmaceuticals, Proteomics, Biomarker Discovery, etc.

He started with the basics of mass spectrometry as what is Mass Spectrometry? and why we need Mass Spectrometry?, he also discussed the process and principle of Mass Spectrometry and their parts.



Mass spectrometry advancements were also discussed what changes is done since 20years along with some history, different parts of Mass spectrometry, mass detection process, separation and ionization process. He also had given brief on different Mass spectrometry instrument which are available in Water Corporation Company and how they are different from one another. He had given application software and library in-built given by the company. DR. Vishal had gone through a case study. Genotoxic Impurities of Imatinib



Webinar on "Machine intelligence-driven framework for optimized hit selection in virtual screening"

DCPMP organized an online guest lecture on "Machine intelligence-driven framework for optimized hit selection in virtual screening" on 11th October 2022, at 15:00 IST. The speaker of the session was Dr. Vishal Acharya, Senior Scientist, at CSIR-Institute of Himalayan Bioresource Technology (IHBT), Palampur-176061 (H.P.).Palampur-176061 (H.P.). The program was conducted in online mode with more than 70 participants both teaching Faculty and students. The introduction about the esteemed speaker was made by Dr. Ruchika Sharma. Dr. Vishal started his talk with a fundamental overview of the application of artificial intelligence in precision medicine. Dr. Vishal discussed his ideas on artificial intelligence and the different software projects he worked on in that field. He gave an overview of the study work plan for the chemical and protein spaces to obtain optimized hits. Additionally, he talked about the opensource platform that might be used for the study plans. He concluded by saying that if these approaches are integrated in the appropriate way, they can be used as a tool for precision medicine. He encouraged the audience members to enhance their health and mental abilities during the talk.

The webinar ended with a vote of thanks by Dr. Ajit K Thakur on behalf of the DPSRU Centre for Precision Medicine.. The lecture was organized by Prof (Dr) Geeta Aggarwal, Dr. Jaseela Majeed, Dr. Ajit K Thakur, and Dr. Ruchika Sharma.

Webinar on "Advance Immunoassay Solutions"

DCPMP, in collaboration with Merck, organized an online Expert Talk titled "Advance Immunoassay Solutions" on November 2, 2022, at 15:00 IST. The speaker, Mr. Arun Kumar Padmanabhan, Commercial Marketing Manager at Merck, addressed over 30 participants, including teaching faculty and students. Dr. Ruchika Sharma delivered the welcome address and introduced the speaker. Mr. Arun provided insights into biomarkers and their benefits in drug discovery. He explained the proteomic study work plan and the MLTIPLEX system for studying protein mixtures in immunological research, highlighting the advantages over the ELISA system. He emphasized the integration of Next Generation approaches for precision medicine and encouraged the audience to enhance their knowledge.

Sharma, allowed participants to interact with the speaker and clarify doubts. The webinar concluded with a vote of thanks by Dr. Ruchika Sharma on behalf of the DPSRU Centre for Precision Medicine. The lecture was organized by Prof (Dr.) Geeta Aggarwal, Dr. Jaseela Majeed, Dr. Ajit K. Thakur, Dr. Ruchika Sharma, Ms. Keerti, and Mr. Javed, and hosted by Dr. Ruchika Sharma.





Workshop on "Comparing, Contrasting and Advancing **Ayurvedic and Unani Concepts with Contemporary Genomic Biology**"

DCPMP organized a one-day workshop on "Comparing, Contrasting, and Advancing The Q&A session, moderated by Dr. Ruchika Ayurvedic and Unani Concepts with Contemporary Genomic Biology" on December 15, 2022, starting at 10:30 AM IST. The Chief Guest, Prof. (Dr.) Madan Thangavelu, a Genome Biologist from Cambridge University, UK, and Subject Expert, Dr. Sudhir Bagga, Medical Director of Science of Life, Delhi, were among the distinguished speakers. Dr. Narendra Bhatt, Consultant Ayurveda from Cria Consultant Pvt. Ltd., was also an expert.

> The workshop, attended by over 100 participants.

> Prof. (Dr.) Geeta Aggarwal, Dean Academics at DPSRU, delivered a welcome address to speakers and participants. The the Honourable Vice Chancellor, Prof. Dr. Ramesh K Goyal, provided the inaugural address and shared his blessings for the event. Dr. Ruchika Sharma introduced the esteemed subject expert, Dr. Sudhir Bagga, who discussed Integrative Health/Disease management approaches.

> Dr. Narendra Bhatt provided insights into Ayurvedic study work plans and opensource platforms that can be used for such research. The workshop also featured a discussion by Dr. Madan on fundamental aspects of research in ayurgenomics

He concluded by saying that if these Two Days Hands on approaches are integrated in the appropriate way, they can be used as a tool for precision **Training on Next** medicine. He encouraged the audience Generation Sequencing members to enhance their health and mental abilities during the talk.

Followed the talk, discussion session was CPMP conducted a two-day "Hands-on handled by Dr. Ruchika Sharma who gave the participants to clear their doubts and interact with the speaker.

Post lunch session on brainstorming on "Research in the Area of Ayurgenomics and Unanigenomics" was moderated by Dr. Ajit K Thakur. Faculty and Students get an idea for the implementation of the ayurveda and unanigenomics in their research work. Followed by a poster presentation by students based on various Themes of G20. Students present various posters on role of artificial intelligence in Climate change, Kutumbakam. women entrepreneurs achievements, and achievements of India at the global stage. The workshop was hosted by Dr. Ruchika Sharma and ended with a vote of thanks by Dr. Jaseela Majeed on behalf of the DPSRU Centre for Precision Medicine. The participants provided positive feedback regarding the event and got an understanding of Ayurveda approaches in Precision medicine. The workshop was organized by Prof. Dr. Geeta Aggarwal, Dr. Jaseela Majeed, Dr. Ajit K Thakur, and Dr. Ruchika Sharma.

(NGS)

Training on Next Generation Sequencing (NGS)" on December 16-17, 2022, with guidance from Prof. Geeta Aggarwal, Dr. Jaseela Majeed, and Dr. Ajit K. Thakur, and coordination by Dr. Ruchika Sharma.

Day 1 focused on the Ion One Touch 2 system, covering its operation, template preparation, and troubleshooting. Dr. Neeraj K. Chauhan, an Application Scientist at Thermo Fisher Scientific, provided a comprehensive overview of NGS, including Ion Chef Theory.

Day 2 started with an explanation of the ES system, its requirements, and setup for enrichment. Participants were then introduced to the Ion S5 sequencing system and its requirements. The final sample was loaded onto an Ion 530 sequencing chip, inserted into the Ion S5 for whole Sequencer aenome sequencing. The afternoon session on the second day involved a discussion of the run report and troubleshooting. All participants expressed strong interest in attending future hands-on training sessions.





WORKSHOP ON SYSTEMIC MEDICINE: VISCERAL OSTEOPATHY ON 15th DEC 2022

Visceral Osteopathy is thus useful not only for lower back and hip painsbut may also help in cases of indigestion, chronic constipation and also naval-related issues. To abreast our budding physiotherapist with this new form of treatment in medicine a Value added Workshop was organised by School of Physiotherapy DPSRU for the MPT batch students to understand this aspect of Visceral Rhythm. The External Expert Dr. AMR Suresh is a Diploma in Pharmacy, BPT, MPT (in Musculoskeletal and Kinesiological conditions), a Diploma in Acupuncture, Diploma in Manipulative medicine, a Fellow in Clinical and Sports taping, Master of Science (Osteopathy), Diploma in Hospital Management, Master Diploma in Chiropractics, with around 15+ years of experience in pharmacy, PT, medicine, Manipulative Acupuncture, Osteopathic and Chiropractic methods.School of Physiotherapy Team Prof Richa H Rai, Dr. SheetalKalra, Dr. VarshaChorsiya, Dr. Savita Tamaria, Dr. JitenderMunjal, Dr. Parul Sharma, Dr. SapnaDhiman and the staff Ms. Suhasini, Ms. Dhanashree,



Mr. Naresh and Mr. Jiledaar did their best in organising the Event under the guidance of Honourable Vice Chancellor Prof Ramesh k Goyal and Registrar Dr. O.P. Shukla. MPT students appreciated the new context and the relative thinking this topic gave to them and enjoyed the workshop. They were also evaluated on a short test after the workshop conducted by the external expert.



Workshop on "Adjunct Mechanism In On Field Injury Rehabilitation: Kinesiotaping" on 13th Feb 2023

The School of Physiotherapy organised a workshop on "ADJUNCT MECHANISM FIELD INJURY REHABILITATION: IN KINESIOTAPING" workshop for the MPT and Ph.D. Students on 13th Feb 2023. Dr. KopalPajnee Ph.D. Certified Kinesio Taping Practitioner By Kinesiotaping Association, (KTAI, USA) (2015) and currently Heading the Physiotherapy department at Jan Kalyan Healthcare Centre, was the resource person for the same. He abreasted us with the recent concepts of the Kinesiotaping modality for use in case of injuries as well as disorders.

The principles of usage, the concept of recoil and length, anchor and its typical adhesive used in different muscular, nerve and lymphatic conditions as an adjunct to Physiotherapy. The event was coordinated by Prof Richa H Rai and Dr. Sheetal Kalra Head and Associate Professor School of Physiotherapy and Dr. Jitender, Dr. VarshaChorsiya as Co-Coordinators and Dr. Ravinder, Dr. Savita, Dr. Tabassum, Dr. Neha, Dr. Sapna, Dr. Parulas the members of the committee. The event was successfully conducted under the guidance of Prof Ramesh K Goyal Vice Chancellor DPSRU and Dr. O.P. Shukla Registrar DPSRU and Advisors- Prof Harvinder Popli, Prof. Deepti Pandita, Prof. Sharad Wakode.







116

Workshop on "Modern forms of Alternate Japanese Therapies": Dry needling

The School of Physiotherapy organized a workshop on "Modern forms of Alternate Japanese Therapies": Drv needling" workshop for the MPT and PhD Students on 20th Feb 2023. Dr. Kopal Pajnee Ph.D. Certified Practitioner and currently Heading the Physiotherapy department at Jan Kalyan Healthcare Centre, was the resource person for the same. He abreasted us with the recent concepts of the Dry needling for use in case of muscle tendon and myofascial as well as nerve injuries and disorders. The principles of usage, the concept of different sizes of needles, its indications and contraindications, Bone Pecking and using electrical stimulation along with it as an adjunct to Physiotherapy. The event was coordinated by Prof Richa H Rai and Dr. Sheetal Kalra Head and Associate Professor School of Physiotherapy and Dr. Jitender, Dr. Ravinder Kumar as Co Cordinators and Dr. Varsha Chorsiya, Dr. Savita, Dr. Tabassum Saher, Dr. Neha Kumari, Dr. Sapna, Dr. Parulas the members of the committee. The event was successfully conducted under the guidance of Prof Ramesh K Goyal Vice Chancellor DPSRU and Dr. O.P.Shukla Registrar DPSRU and Advisors- Prof Harvinder Popli, Prof. Deepti Pandita, Prof. Sharad Wakode.



National Conference on Opportunities for MSME's from Drug Discovery to Formulation Development

DPSRU-Centre for Precision Medicine and Pharmacy in collaboration with DSIR-DPSRU-CRTDH Centre organized National Conference on "Opportunities for MSME's from Drug Discovery to Formulation Development" from 11-14 January 2023, which was culminated into 16 January. During the conference, the themes of G20 and the logo of G20 were displayed and students presented posters on G20 themes.

11th Jan, 2023

The inauguration ceremony was presided over by officials of Department of Scientific and Industrial Research (DSIR) Dr. Sujata Chaklanobis, Scientist-G, and Dr. Vipin Shukla Scientist-F, under the patronage of Prof. (Dr.) Ramesh K. Goyal, Honourable Vice-Chancellor, DPSRU, and Prof. (Dr.) Geeta Aggarwal, Organizing secretary. The conference brought together 20 MSME's working in areas of pharmacogenomics, Drug Discovery, diagnostics, drug formulations and nutraceuticals across India to discuss the opportunities and challenges with experts in the field and to discuss several multifaceted research arenas in the present globalized era.The conference was attended by the more than 200 delegates from all the corners of the country in hybrid mode. Dr. Sujata Chaklanobis enlightened the audience about the role and challenges of MSME's for product development and emphasized the rationalization of the use of alternatives in research.



A brainstorming session on MSME's Challenges in Pharmacogenomics Drug Discovery was held after the inauguration. As part of the first panel discussion on Pharmacogenomics, the keynote speaker Dr. Vinod Scaria, Principal Scientist. CSIR-IGIB. enlightened the audience with his talk on Personal Genomes to Precision Medicine. Mr. Govind Rao, CEO, NMC Genetics, Dr. Sooraj Ratnakumar, CEO Swagene, Chennai, Dr. Rahila Sardar, CEO and Co-Founder, Vgenomics, and Mr. Gurkirat Singh, Co-Founder, M/S Carepath served as panelists for the discussion on Pharmacogenomics.



Delhi Pharmaceutical Sciences and Research University

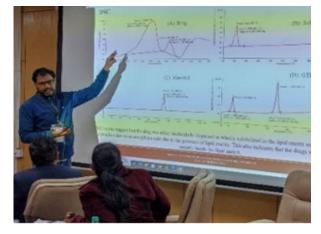
Followed this second panel discussion on Artificial Intelligence in Healthcare took place. The keynote speaker was Dr. Bhabatosh Das, Associate Professor at THSTI talked on the topic Translating Next Generation DNA Clinical Sequencing into Research: Opportunities and Challenges. Dr. Bhawana Prashar, Senior Principal Scientist, CSIR-IGIB, Ashok Dr. Rattan. Advisor. Redcliffe Laboratories, and Er. Dolly Bhasin CEO, Smart Edge Solutions served as panelist for the discussion Artificial intelligence in on healthcare. In the conclusion of panel discussion, the honorable vice chancellor sir proposed for collaborations with MSME's and also to work on therapeutic drug monitoring with pharmacogenomics. Prof. (Dr.) Deepti Pandita gave the closing remarks and commended the speakers on their level of knowledge and expertise in their respective fields. After the panel discussion poster presentation competition was organized and a total of 30 delegates participated



The second day of the innovation week and conference witnessed a brainstorming session on MSME's Challenges in Formulation Development presided over by Prof. Dr. Ramesh K. Goyal, Hon'ble Vice-Chancellor, and Dr. O. P. Shukla, Registrar. Dr. Anil Mishra, Director, INMAS, DRDO, and Mr. Anil Khandelwal, Managing Director, Yogicsecret Healthcare were the Keynote speakers for the session. Dr. Anil Mishra, the speaker for the session enlightened the audience with his talk on "Imaging Science Governed by Chemical Medicine of Tomorrow". Dr. Himanshu Shekhar Tiwari, Medical Advisor, Multani Pharmaceuticals Ltd, Dr. Kanchan Kohli, Director of Research and Publication, Bioheal Life Science, and Dr. Vivek Srivastava, Sr. VP, Zeon Life Science Ltd. served as panelists for the discussion on Pharmaceutical and Phytochemical-based Development.



Hon'ble Vice chancellor Sir made a proposal at the end of the panel discussion to collaborate with MSMEs and to work on Ayurgenomic, pharmacogenomics-based precision medicine. After the panel discussion oral presentation competition was organized and delegates participated.



The third day of the innovation week and conference included parallel session on Hands-on Training were organized for the delegates Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis (SDS-PAGE), Polymerase Chain Reaction (PCR) Analyzer, and Next Generation Sequencing (NGS), The trainings drew in more than 50 delegates. Dr. Ruchika Sharma and Dr. Neeraj Chauhan were the expert for Hands on training of NGS.



The fourth day of the conference included parallel session on Hands-on Trainings were organized for the delegates on Animal Imaging, Next Generation Sequencing (NGS) and Networking Pharmacology. Dr. Anoop Kumar and Dr. Kalicharan Sharma were the expert for Hands on training.

The winners of oral presentations and posters on G20 topics and studies in the fields of genomics and formulation development were awarded prizes. A meeting was led with the start-ups. Overall, the conference was productive, and it definitely served the purpose in enhancing knowledge of the participants with cutting edge technology including Next Generation sequencing which helps the medical practitioners to analyze the patients genes for mutations and health indicators. The conference was well coordinated by Prof Dr. Geeta Aggarwal, Organizing Secretary, and Joint organizing Secretaries Dr. Jaseela Majeed, Dr. Ajit K Thakur, Prof Dr. Deepti Pandita and Dr. Gaurav Jain along with Dr. Ruchika Sharma. Research Associate, DCPMP, Dr. Amanpreet Kaur, Asst. Professor DPSRU and the entire organizing committee of the National Conference.



DPSRU at NITRD Educational Visit Cum Workshop on "Body Plethysmography and Lung Diffusion Testing "

DPSRU conducted an EDUCATIONAL VISIT CUM WORKSHOP to NITRD PFT laboratory for demonstration of Body plethysmograph and lung diffusion testing facilities on 26th Sept 2022, for 31 students of BPT, MPT and Physiotherapy Ph.D. along with 2 faculty Prof Dr. Richa Hirendra Rai and Dr. Sheetal Kalra from School of Physiotherapy.

The workshop was conducted by Prof Dr. Rupak Singla Head, Department of TB & Respiratory Diseases, and PFT Lab Incharge at the National Institute of TB & Respiratory Disease, Mehroli. His team of technicians included Mr. Manoj and Mr. Satya from the same department who were extremely skilled in their work. Students were abreast with the new guidelines of PFT and demonstrated clinical spirometry and also the Heliumdilution method to assess the lung volumes and determine the capacities of patients. This was followed by the demonstration of 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 of the Pulmonary function testing arranged by DPSRU and NITRD which shall definitely benefit them on long run in their professional judgment.



Open Elective Subjects Program 2023

The "Open Elective Subjects sessions" were organized by School of Allied Health Sciences and Management (SAHSM) for the final year students of MBA-PM, MBA-PET, MHA and MPH from 10- 17 April 2023. The subject experts from the pharmaceutical industry, hospitals and public health departments were invited for elective subject sessions to provide relevant practical knowledge to the budding professionals along with in-house faculty.

The open elective subjects offered included KPO Management, Brand Plan, National and International Product Strategy and Branding, Entrepreneurship Management, Hospital Accreditation, Public Health Nutrition, Supply Chain Management in Public Health and Health Information Systems.



External experts, including Dr. Abha Mangal, Dr. Saurabh Patle, Ms. Reena Bhattacharya, Mr. Saurabh Kumar, and Ms. Abhilasha Abhay Gupta, along with university faculty members, Dr. Puneeta Ajmera, Dr. Abhishek Dadhich, Dr. Sheetal Yadav, Dr. Simmi Vashistha, Dr. Akash Midha, and Dr. Sarika Singh, conducted open elective sessions. These sessions offered valuable hands-on learning experiences, consulting projects, and career exploration opportunities for students, enhancing their presentation skills. Dr. Puneeta Ajmera, Dr. Abhishek Dadhich, Dr. Rakhi Ahuja, and Dr. Sheetal Yadav coordinated the sessions for MPH, MBA-PM, MBA-PET, and MHA programs under the supervision of Dr. Jaseela Majeed, Head of the School of Allied Health Sciences and Management. The event received positive feedback from the students.



One Week Value Added Course on "Professional Excellence and Leadership Development"

The School of Allied Health Sciences and Management (SAHSM) recognized the need to supplement the university curriculum to better prepare students for industry demands and personal growth. They organized a oneweek value-added course titled "Professional Excellence and Leadership Development" from August 26th to August 31st, 2022, at DPSRU, New Delhi. This course was designed for students pursuing MBA-Pharmaceutical (MBA-PM), MBA-Pharma Management Economics Trade (MBA-PET), Masters in Public Health (MPH), Masters in Hospital Administration (MHA), and MSc in Artificial Intelligence and Precision Medicine (AIPM).

The event began with Prof. P.K. Sahoo, Director of DIPSAR & Dean Research and Innovation, felicitating the Chief Guest, Mr. PKD Nambiar. Prof. Rajiv Tonk, Dean Student Welfare, shared DPSRU's vision and legacy. Dr. Jaseela Majeed, Head of SAHSM, introduced the guest and delivered a welcome address. Dr. Sheetal Yadav, Assistant Professor in SAHSM, emphasized the importance of value-added courses.

Mr. P.K.D. Nambiar, MD & CEO of Flags Communications and Chairman of B-Square group of companies, likely provided insights and expertise during the course Morning Session on Team Building and Team Leadership (29.08.2022)

The session commenced at 10:30 am with Dr. Jaseela Majeed felicitating the keynote speaker- Mr. Aditya Arora, who is a Mentor at Atal Innovation Mission and CEO of Faad Network.

The students had the opportunity to interact with the industry expert keynote speaker Mr. Arora, who shared some valuable insights on what it takes to build a Team as well as how to lead the teams. He guided the students about team building from scratch and shared his real-life experience with budding start-ups. He also helped students to solve practical situations in business, and achieve expected results.

Afternoon Session on Interpersonal Relationship Development (29.08.2022)

The session was conducted by Dr. Abhilasha Abhay Gupta, Senior Corporate Trainer. She was felicitated by Dr. Jaseela Majeed and Dr. Sheetal Yadav.

She trained students in corporate etiquettes and developed some insights on building interpersonal relationships. She has also shared some amazing life lessons that will foster progress in both the personal and professional spheres of students.





Morning Session on Leading through Innovations (30.08.2022)

The resource person on the third morning of the value-added course was Ms. Dolly Bhasin MD, SPH consultancy & e-services pvt. Ltd; and founder of Smartedge - an integrated platform for innovators. She was felicitated by Dr.Jaseela Majeed.

She briefed the students how to lead through innovations. She interacted with the students and gave an overview of how innovative ideas can lead to new career opportunities. She also conducted a session on different job prospects that students of Artificial Intelligence & Precision Medicine can expect from the industry.



On August 30, 2022, Prof. Geeta Aggarwal and Dr. Jaseela Majeed hosted a career planning session featuring esteemed guests: Mr. Saurabh Kumar (CEO of Lifezest Pharmaceuticals, New Delhi), Dr. Vritti Lumba (COO of Modi Fountain Life), and Dr. Neha Dumka (Lead Consultant at NHSRC, New Delhi). Mr. Saurabh Kumar emphasized career planning in the pharmaceutical industry, highlighting its significance. He encouraged students to explore opportunities in the Product Management Team (PMT) and provided practical advice on brand planning and sustainability.

Dr. Vritti Lumba discussed hospital administration strategies and diverse career paths within and beyond hospitals, including consultancies, insurance companies, medical tourism, and IT. Global job prospects were also addressed.

Dr. Neha Dumka provided valuable insights into public health career planning, emphasizing various areas in community health and policy-making. She stressed professional growth in the healthcare industry.

The session concluded with Prof. Rajiv Tonk highlighting university extracurricular activities. Additionally, academic initiatives and IQAC activities were discussed by Prof. Geeta Aggarwal and Prof. Ajay Sharma. Dr. Jaseela Majeed introduced the programs in the School of Allied Health Sciences & Management, and Dr. Sheetal Yadav introduced keynote speaker Dr. Arvind Mal from the Ministry of Defense.

Dr. Mal delivered an engaging session on creative problem-solving, sharing personal experiences. Certificates were awarded, and students provided feedback. Dr. Puneeta Ajmera expressed gratitude. The event, organized by Dr. Jaseela Majeed and coordinated by Dr. Sheetal Yadav, Dr. Puneeta Ajmera, and Dr. Abhishek Dadhich, offered valuable insights from industry leaders for future endeavors

Career Counseling Programmes

FOR BBA (CH) Students

SAHSM organized a Career Counselling Programme for second-semester BBA (CH) students on August 30, 2022. The session aimed to educate students about career opportunities and trends in their field.

Dr. Jaseela Majeed, Head of SAHSM, welcomed and honored the industry experts. The program featured two sessions. In the morning, Ms. Dolly Bhasin, MD of SPH Consultancy and founder of Smartedge, discussed "Leading through Innovations." She emphasized the importance of innovation skills for career advancement.

Dr. Neha Dumka, Lead Consultant at NHSRC, New Delhi, delivered an expert session on "Career Planning in Public Health" for BBA (CH) students. Students engaged in discussions about career prospects in public health.

The session inspired students to be selfdriven, stay focused on their goals, and keep learning. It was an informative and appreciated event by the students



For DMLT Students

Keeping with its tradition, the School arranged Career Counselling Program for DMLT students of the school on 30/08/2022 that was keenly attended by the students and the faculty members. The session was coordinated by Dr. Satish Manchanda under the mentorship of the Head SAHSM Dr. Jaseela Majeed.

During the session, Dr. Satish Manchanda gave a lecture on the subject of "DMLT Course and its Future Prospects," outlining the demand for DMLT experts in the medical field as well as the potential employment opportunities for DMLT graduates in both the public and commercial sectors. He also talked about the potential of DMLT students studying and working overseas and inspired the students to entrepreneurship and to start their own businesses.

Dr. Rashi Gupta gave a presentation on "Career options in DMLT" in which she informed the students of the many opportunities that are offered in the market. Additionally, she encouraged the students to conduct research by outlining the various government organizations that offer grants to students.

For MBA (PM), MBA (PET), MPH, MHA and MSc (AIPM) Students

The School organized a Career Counselling Programme for second MBA-Pharmaceutical semester Management (MBA-PM), MBA-Pharma Economics Trade (MBA-PET). Masters in Public Health (MPH), Masters in Hospital Administration (MHA) and MSc-Artificial Intelligence and Precision Medicine MSc(AIPM) students on 30th August 2022.





The purpose of the career counselling session was to aware the students about the various career opportunities and trends after completing these programmes. Eminent experts from the pharmaceutical and healthcare industry delivered lectures to help students choose a career that is in tune with their skills and their job expectations.

The session commenced at 10.30 am with a welcome and felicitation of experts by Dr. Geeta Aggarwal, Dean Academics DPSRU, and Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Management. The program was conducted in two sessions. In the morning session, an expert lecture on "Leading through Innovations" was delivered by Ms. Dolly Bhasin, MD, SPH Consultancy and E Services Pvt. Ltd. and founder Smartedge Ms. Dolly delivered a session stressing the importance of innovation for all postgraduate students, highlighting its role in career advancement.

In the afternoon, program-specific sessions took place:

Mr. Saurabh Kumar addressed MBA (PM) and MBA (PET) students on "Career Planning in the Pharmaceutical Industry," discussing the industry's landscape, Product Management Team (PMT) roles, and sustainability strategies.

Dr. Vriti Lumba spoke to MHA students about "Career Planning in the Hospital Industry," covering hospital administration strategies and diverse career paths.

Dr. Neha Dumka conducted an expert session on "Career Planning in Public Health" for MPH students, offering insights into various public health career paths.

These sessions provided valuable guidance to students across different programs.

Ms. Dolly Bhasin also addressed MSc. (AIPM) students with a session on "Career Planning in Artificial Intelligence and Precision Medicine." She discussed job prospects in the field, AI applications in healthcare, and potential barriers to its implementation.

The interactive sessions saw students engaging with experts, who encouraged self-management, goal-focus, and lifelong learning. Overall, the informative sessions left students feeling inspired and well-prepared for future careers in the Pharmaceutical and Healthcare industry.





For BMLT Students

School organized a Career Counselling Programme for BMLT Students on 30th August 2022 at 2:30 PM in offline mode in QIP Hall no 6, second floor, DIPSAR building for second semester students of Bachelors in Medical Lab Technology (BMLT).

The purpose of career counselling session was to aware the students about the various career opportunities after completing the BMLT programme, Universities offering different Masters Programmes which they can opt for after BMLT, and fellowships available to pursue higher degrees.



The session commenced with Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Management; she introduced the speakers of the session Dr. R. Einstein Charles (Assistant Professor, BMLT), Dr. Sachin Kumar (Assistant Professor, BMLT) and Dr. Subodh Kumar (Assistant Professor, BMLT) to the BMLT students. Dr. Sachin Kumar discussed about the various job opportunities available in public and private sector for BMLT graduates. He also talked about the different entrance examinations and fellowships available to pursue Master's programmes and Ph.D. after completing BMLT from different universities. The next session was by Dr. Subodh Kumar, he talked about the job opportunities exist in diagnostics and research area for BMLT graduates. The session was concluded by Dr. R. Einstein Charles, he introduced the Entrepreneurship prospective for BMLT students. He gave a brief outline about process of establishing diagnostic center, requirements for NABL approval and registrations required from other regulatory bodies for setting diagnostic center.

Dr. Ramsha Iqbal, BMLT Course Coordinator, SAHSM coordinated the session.



Launch of Scheme for Strengthening of Pharmaceuticals Industryeading

SAHSM's faculty and students attended the launch of the Scheme for Strengthening Pharmaceuticals Industry (SPI) on July 21, 2022, at the Ambedkar International Center, Janpath, as part of the 75th Azadi ka Amrit Mahotsav. This event was organized by the Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers (MoCF), Government of India, in the MSME Sector.

The launch event was honored by the presence of Dr. Mansukh Mandaviya, Hon. Union Minister of MoCF and MoHFW, and Shri Bhagwant Khuba, Hon. Minister of State, MoCF. The Ministry introduced the SPI to strengthen the pharmaceutical industry, with a focus on Micro, Small, and Medium Enterprises (MSMEs).

Dr. Mandaviya highlighted government initiatives supporting the MSME sector, emphasizing demand-based research and industry-academia collaboration. The SPI offers credit-linked capital, interest subsidies for technology upgrades in pharmaceutical MSMEs, and support for common facilities in Pharma Clusters.

The event included an awareness and technical session, featuring presentations on existing API-CF Schemes and an open Q&A session. The DPSRU's Dean of Student Welfare discussed how students from India's first Pharmacy University could contribute to and benefit from this scheme. The program also hosted esteemed personalities, including the CMD of SIDBI and the Secretary of the Department of Pharmaceuticals.

Orientation Program PG-IInd Year "Sensitization towards Research

DPSRU organized an Orientation Programme, for Second Year Post-Graduate students of M. Pharm, MBA-Pharmaceutical management (MBA-PM), MBA- in Pharmaceutical Economics & Trade (MBA-PET), Masters in Hospital Administration (MHA), Masters in Public Health (MPH), and MSc. in Artificial Intelligence & Precision Medicine (MSc. AIPM); wherein they were sensitized about how to proceed in the field of Research.

The program was inaugurated with lightning the lamp, followed by prestigious university song. The Guest of the day was Dr. R.C. Deka, who is an ENT specialist and the former Director of All India Institute of Medical Sciences (AIIMS), New Delhi. He is one of the pioneers of cochlear implant surgery in India and performed the country's first bilateral cochlear implantation surgery.

He was felicitated by Hon'ble Vice Chancellor, along with all the dignitaries on stage, after which Prof. Geeta Aggarwal, Dean Academics delivered a welcome address and gave an overview about the PG-second-year.

Prof. P.K. Sahoo, Director – DIPSAR and Dean Research & Innovation briefed the students on how to utilize the available facilities in the university for research, followed by Dr. Prof. Rajiv Tonk, Dean Students Welfare addressing the students w.r.t. discipline and attendance.



The program featured various sessions for students:

Prof. Ajay Sharma addressed Pharmaceutical Chemistry second-year students, while Dr. Mukesh Nandave spoke to Pharmacology students.

Prof. Harvinder Popli, Director of the School of Pharmaceutical Sciences, discussed innovation and research project commercialization.

Dr. Sheetal Yadav addressed second-year students from the School of Allied Health Sciences & Management.

Hon'ble Vice Chancellor, Prof. Ramesh K Goyal, explained the research project process, from ideation to thesis report writing.

Dr. R.C. Deka, an expert speaker, conducted a session on Research Methodology, discussing the pros and cons of research methods in healthcare.

The event included a Question-Answer round and concluded with a Vote of Thanks by Prof. Deepti Pandita. Dr. Sheetal Yadav, Dr. Sachin Kumar, and Dr. Bharti Mangla coordinated the program under the guidance of Dr. Geeta Aggarwal.





Student Orientation and Induction Programme -2022

(MBA-PM, MBA-ITM, MBA-HHM, MPH, M.Sc. AIM and BBA-HC)

The two-day orientation and induction program held on December 1st and 2nd, 2022, marked the beginning of the Academic Session 2022-23 for newly admitted postgraduate students in various programs including MBA-PM, MBA-ITM, MBA-HHM, MPH, M.Sc., AI in medicine, and BBA-Healthcare.

, The program was organized with the support of Patron Prof. Ramesh K Goyal, Co-patron Dr. OP Shukla, Registrar, and under the guidance of the Head of the Department, Dr. Jaseela Majeed.

The inaugural session commenced at 11 am and included a formal welcome for Dr. Ramesh K Goyal, faculty members, students, and the Chief Guest, Shri PKD Nambiar. Mr. Nambiar is a well-known author, political analyst, and marketing strategist, serving as the MD & CEO of Flags Communications, a respected MARCOM Agency in India, and the Founder Director of B-Square Solutions. The program continued with various engaging activities:

An invocation ceremony and the lighting of the lamp, seeking blessings from Goddess Saraswati, accompanied by the University song.

A screening of the University's documentary film to introduce students to the institution.

Dr. Jaseela Majeed's welcoming address, where she introduced the students to the department and encouraged them to excel in their field.

Prof. Ramesh K. Goyal's interactive session with students, where he shared the vision, legacy, and milestones of DPSRU.

Prof. Rajiv Tonk, Dean of Students Welfare, discussed examination strategies, marking schemes, and extracurricular activities available at the University.

The Chief Guest, Shri PKD Nambiar, delivered an inspiring talk and shared insights from his book, "You, Too, Can Be a Brand," focusing on personal branding.

A formal vote of thanks by Dr. Sarika Singh, followed by the National Anthem.

After lunch, a session on mandatory skills for professionals was conducted by Ms. Abhilasha Abhay Gupta, a corporate trainer, emphasizing soft skills.

The day concluded with a faculty-student interaction session.

On the 2nd-day of the program, the first session was delivered by Dr. Rachna Chaudhary, Associate Professor, Gender Studies Ambedkar University on Gender Sensitization and elaborated on the idea of choice in the context of sexual harassment, followed by Mr. Ajay Tyagi, Corporate Trainer on the topic, "How to create an Impact", and by Mr. Head Disaster Shem Raomi, Management, EHA hospitals on "Disaster Management skills".

Post lunch was subject-specific sessions by Mr. Saurabh Kumar, CEO of Lifezest Pharmaceuticals, and Mr. Asaf Shamsi, CEO of Pharmalliance on Opportunities in Pharmaceutical Industry and TRIPS agreement respectively. A parallel session was conducted by Dr. Aqsa Sheikh, Associate Professor, and Community medicine department, HIMSR on Transgender Community, and Ms. Divya D Bhasin, Head Al, NMC Genetics on Al in Healthcare.

Another faculty-student interaction session was conducted to facilitate academic advising and introduce students to faculty members. This session aimed to provide students with guidance on classes, reference materials, and more.



Faculty members also used this opportunity to introduce students to syllabi, program structures, summer training, and internships for different courses offered by the school.

Faculty members, including Dr. Abhishek Dadhich, Dr. Rakhi Ahuja, Dr. Puneeta Ajmera, Dr. Sheetal Yadav, Dr. Kalicharan Sharma, and Dr. Sarika Singh, gave overviews of MBA-PM, MBA-ITM, MPH, MHM, M.Sc. Al, and BBA Healthcare programs, along with insights into the curriculum for the first semester.

Overall, the event was productive and achieved its goal of familiarizing students with the programs, faculty, campus, facilities, environment, and various cocurricular activities at the university. The coordination, moderation, and success of the two-day Orientation and Induction program were attributed to the dedication of faculty, staff, and thirdsemester students of SAHSM, with support from the Hon'ble Vice Chancellor, Registrar, and Deans of the University.

Student Orientation and Induction Programme (BMLT, DMLT, B.Sc. Biomedical Sciences)

The School organized a Student Orientation programme-2022 on 30th November 2022 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. The orientation session was to motivate the students for the new beginning of the academic year.

The Orientation program started with the lightening of the lamp and seeking blessings from Goddess Saraswati. After being suffused with inspiration through University song, students were provided with a glimpse of the University campus, with a warm welcome note by Dr. Rashi Gupta, Assistant Professor in SAHSM.





The students were then introduced to Course structure and syllabi of various courses:

BMLT by Dr. Sachin Kumar, Assistant Professor, SAHSM;

DMLT by Dr. Rashi Gupta Assistant Professor, SAHSM;

B.Sc. Biomedical science by Dr. Ramsha Iqbal, Assistant Professor, SAHSM.

Dr. Saurabh Chaturvedi, Assistant Professor, SAHSM delivered a talk on "Opportunities in Medical Lab Technology" where he motivated students and informed students about various carrier opportunities exists after completing BMLT and DMLT.

Prof. Ramesh K. Goyal, Hon'ble addressed the gathering with his delight speech and welcomed the students and motivated them for the beginning of the new session. Prof. Goyal also shared vision and legacy of DPSRU, milestones achieved and welcomed the speaker for the day.

The esteemed Chief Guest Dr. Renu Saxena, Director of Path & Lab Medicine and Head Hematopathology, Medanta, Gurgaon enlightened the students with significance of medical lab technology, importance of internship and carrier opportunities.

The orientation session ended with vote of thanks by Dr. Subodh Kumar, Assistant Professor, SAHSM thanking Hon'ble Vice Chancellor for continuously guiding and supporting everyone in the University and all the esteemed guests for their valuable time.

The entire session was well coordinated by Dr. Rashi Gupta, Dr. Ramsha Iqbal, Dr. Subodh Kumar and Student Volunteers of BMLT and DMLT 3rd semester.

Student Orientation and Induction Programme

(BPT & MPT)

The School OF Physiotherapy organized an Orientation Program for the newly admitted BPT and MPT students for Academic Session 2022-23 on 23rd November (Wednesday) 2022. Dr. Sheetal Kalra (Associate Professor, School of Physiotherapy) was the chairperson of the event and Dr. Savita Tamaria (Assistant Professor, SOP) was the coordinator for the event. Chief quest of the event, was Dr. Kanchan Anand, Head Physiotherapy Department Fortis Escort Heart Institute, and Dr. V.P. Gupta, Ex-Chief Physiotherapist, CTVS of AIIMS. The program's major objective was to make the students aware of the course's academic aspects, and the universitv's rules and regulations. enlightening the UG and PG Batch of 2022 about the future career avenues in physiotherapy.

The program started with auspicious lamp lightning followed by University Kulgeet. The eminent guests were felicitated by Prof. Ramesh K. Goyal Hon'ble Vice Chancellor, DPSRU and Prof. P K Sahoo Director DIPSAR. Dr. Sheetal Kalra introduced about scheme, syllabus, infrastructure, lab facilities, MoU's and various activities of School of Physiotherapy.



Prof Rajiv Tonk, Dean Students Welfare explained the Strategies of Extracurricular Activities. Prof. Ramesh K. Goyal, Hon'ble Vice Chancellor DPSRU welcomed all the students to DPSRU and enlightened the gathering about the Vision of DPSRU.

Dr. Kanchan Anand, Head Physiotherapy Department Fortis Escort Heart Institute, Dr. V. P. Gupta _ Ex Chief and Physiotherapist, **CTVS** AIIMS of congratulated all the students for securing admission in DPSRU and motivated them to be sincere and hard working to achieve Students their dreams. were also enlightened regarding their duties. responsibilities, need and demand of physiotherapists in hospitals. The event concluded with a sincere Vote of Thanks by Prof Richa H Rai.



Start-up Conclave & innovation Award 2023



DPSRU Innovation and Incubation Foundation hosted the Start-up Conclave and Innovation Awards 2023, along with the inauguration of the BIRAC-Bio NEST Facility on June 2, 2023. The event aimed to foster innovation, collaboration, and recognition among emerging entrepreneurs.

Key highlights:

Start-up Exhibition provided a platform for start-ups to showcase their innovative ideas and foster collaboration.

Distinguished guests, including Mr. Tarun Gupta, Ms. Pooja Kaul, Mr. Rajiv Duggal, and Dr. Aprajita Takiar, shared insightful experiences.

Chief Guest Dr. Manish Diwan from BIRAC offered invaluable guidance.

Esteemed faculties like Prof. Harvinder Popli, Prof. PK Sahoo, and Dr. OP Shukla shared their expertise.

Notable start-ups included Neuranics Lab Pvt Ltd, Ekosight, Ecodraw, and others. Innovation Awards recognized outstanding

achievements in various categories.

The grand inauguration of the BIRAC-Bio NEST Facility marked a defining moment.

The event concluded with the felicitation of Innovation Award winners, sponsored by Pharma Sapience.



Health Hack 4.0 -Pitching Competition 2023

On February 20, 2023, DIIF (DPSRU Innovation and Incubation Foundation) organized the Health Hack 4.0 Ideathon Workshop, guided by Prof. Ramesh K. Goyal (Vice Chancellor, DPSRU) and Dr. O.P. Shukla (Registrar, DPSRU). On March 2, 2023, DIIF organized the Health Hack 4.0 Pitching Competition at DPSRU, bringing together students from various disciplines to present innovative ideas addressing health challenges. Dr. Harvinder Popli initiated the event, coordinated by Ms. Ruchi Singh and Dr. Bharti Mangla.

The event included pre-screening and finals, with over 30 teams participating. Fourteen teams advanced to the final pitching round, presenting ideas on mental health, chronic diseases, and healthcare accessibility. The judging panel comprised industry experts, including Mr. Manish Bhardwaj, Ms. Arushi Jain, Mr. Sacheen Gandhi, Prof. Harvinder Popli, and Prof. Geeta Aggarwal, assessing ideas for feasibility, impact, and innovation.

During the Pitching Competition Award Ceremony, six prizes were awarded:

Ist prize: Team 2 (Kanika Chowdhry and Lovely Shukla) received a cash prize of Twenty Thousand Rupees and preincubation support.

2nd prize: Team 1 (Marut Mishra, Gurpreet Kaur, Aman Kumar Saini, and Mohini Diwan) won Ten Thousand Rupees and pre-incubation support. 3rd prize: Tied between Team 4 (Arpit Gupta, Sakshi Mishra, Shubham Kumar, Jyotsna, and Ayush Gupta) and Team 9 (Ronit Chakraborty, Aadya Passi, Amar Singh, Shahid Parvez, and Ayush Gupta), each receiving Five Thousand Rupees and pre-incubation support.

Special Prize and Assistance from AKUMS Pharmaceuticals Ltd to Amanpreet Kaur, Richa Jain, Mr. Pankaj Vyas, Anshika Sharma, Sasin, and Bhavika.

Special Prize and Assistance from Healthcopeia Foundation to Dr. Ravi, Dr. Amit, Dr. Priya, Mr. Pankaj Vyas, Anshika Sharma, Sasin, and Bhavika.





NIPAM IP Awarness Workshop

The NIPAM IP Awareness Workshop, hosted by the DPSRU Innovation and Incubation Foundation on June 18, 2023, aimed to educate students about the significance of intellectual property (IP) rights in innovation and entrepreneurship.

The event commenced with a warm welcome by Mr. Ankit, highlighting the importance of IP rights. Saurabh Tiwari, an expert in IP rights, delivered an informative workshop covering various aspects, including types of IP rights, their importance in business growth, protection strategies, enforcement mechanisms, and opportunities for commercialization.

Interactive sessions and case studies allowed participants to apply their knowledge and engage in practical discussions. Networking opportunities enabled students to exchange ideas and collaborate with peers and the speaker.

The event concluded with closing remarks by Mrs. Ruchi Singh Neekhra, expressing gratitude to the participants and speaker. Feedback was collected to improve future workshops.

Overall, the workshop provided valuable insights into IP rights, empowering students with knowledge crucial for innovation and entrepreneurship.

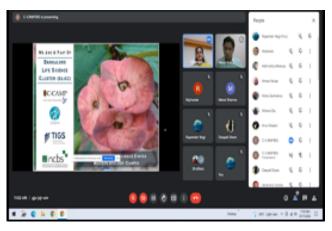


Proposal Writing Workshop for BIRAC -BIG

DPSRU Innovation and Incubation Foundation organised a virtual Proposal Writing Workhsop in collaboration with C-CAMP, Bengluru on 15th July 2022.

The lecture was delivered by Dr. Nitya Raman who is a Sr. Program Manager in C-CAMP, bangalore. The workshop started with the introduction to C-CAMP (Centre for Cellular and Molecular Platform) and how c-camp offers funding/investment opportunities to startups. Also, the lecture was focused on explaining about BIRAC-BIG Grant and how an early stage startup can apply for the same. The participants was well informed about the steps/procedure of writing a proposal for the 21st call.

The workshop was attended by more than 50 participants including students, faculty and staff members of DPSRU and start-ups incubated at DIIF and other incubators of Delhi NCR.



G20 Activities at DPSRU

India's G20 Presidency: Leading the Way to Global Prosperity

The G20 is a premier forum for international economic cooperation, playing a significant role in shaping and strengthening global architecture and governance on major economic issues. The G20, was born at the height of the 2008 financial meltdown, which compelled the world to set up a new representative grouping comprising of developed as well as emerging economies.

India holds the presidency of the G20 from December 1,2022, to November 30, 2023. India assumed Presidency of the G20 with a sense of responsibility and humility. Our theme for the G20 -"Vasudhaiva Kutumbakam" (One Earth, One Family, One Future) - establishes that during our Presidency we will "work to promote a universal sense of oneness" to address the challenges that mankind as "one family" faces today.

India is going to hold 200 G20 meetings in over 50 locations. Representatives from the European Union, Argentina, Australia, Brazil, the United States, the United Kingdom, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Mexico, Russia, Saudi Arabia, South Africa, South Korea, and Turkey will be present at the G20 Summit. India sees its G20 presidency as a catalyst of change and global transformation, in a world stricken by multi-dimensional crises such as food and energy security, which has been accentuated by geopolitical tensions.

India will showcase the strength of its education sector- including infrastructure, innovation, and human resources- and, the initiatives being taken as a part of the implementation of National Education Policy 2020. Being the mother of democracy, India focuses on citizen-led people's movements, and India's experiences could provide insights for possible global solutions and can become an example, especially for the developing world. India is going to mesmerize the world with its technological advancements which have revolutionized the lives of its citizens. Getting education through online platforms, accessing healthcare through telemedicine, and doing digital transactions are some examples of improvement in quality of life.

We Indians have before us a unique opportunity and a profound responsibility to showcase our rich cultural heritage and diversity, tourism potential and development prowess so that the world derives value from their interactions with us. Prime Minister Modi has asked all of us to join together to make India's G20 Presidency "a presidency of healing, harmony and hope". DTTE, Govt. of NCT of Delhi has mandated action plan for celebrating India's G20 presidency, and DPSRU took the call very sincerely and hosted several G20 events each month at the campus. The events and activities held at DPSRU campus under the aqeis of celebrations of India's G20 Presidency included Panel Discussions. Quiz Competitions, Case Study Challenge, Inter-University Case Study Challenge, G20 Flower Show, G20 Medicinal Garden, Canada-Australia Food Fest, Brazil Food Fest, Argentina Food Fest, China-France-Germany Mega Food Fest.

Workshop on NEP 2020, Workshop for MSMEs and Start-up India week, Festival celebrations Republic Day and Independence Day, Basant Panchami. Raksha Bandhan, Health Hack Ideathon workshop for Enterpreneurship, Art-Poster and Photography competitions, Cycle Rally, Environment Day celebrations, Plogging Drive, Cycle Rally, Janbhagidai and Nasha Mukti Pakhwada, G20 Awareness Drive at India gate and Qutub Minar, Visit to Aravalli Biodiversity Park, Plastic free campus activities etc.

India's G20 Presidency is a mega international event to which we are witness and participants. Let us come together and participate in it, immerse in it so that it becomes etched into our memories for the times to come.













Extra Curricular Activities

74th Republic Day celebration and National Voters' Day

The 74th Republic Day was celebrated in DPSRU campus also commemorating 75 years of Independence : Aazadi Ka Amrit Mahotsav and was in harmony with the G20 theme Republic Day holds significance as it marks the day when the Constitution of India came into effect, following a prolonged struggle for independence.

The campus atmosphere was imbued with patriotic fervor as the Indian National Flag was unfurled by the Honourable Vice Chancellor, Prof. Ramesh K Goyal, at the saluting base. A contingent led by security In-charge Sh. Krishan Kumar and Mr. Aditya Kaushik (Exserviceman) presented a general salute to the VC. Hon'ble VC, through his stirring and patriotic speech, set the tone for the event

Notable attendees included Prof. CR Babu, Dr. O.P. Shukla (Registrar DPSRU), Prof. Harvinder Popli (Director SPS), the Director of DIPSAR, Prof. P.K.Sahoo (Dean R&I), Prof. S Wakode (Dean Students' Welfare), Prof. Deepti Pandita (Dean Academics), along with faculty and staff from DPSRU.

Dr. O.P. Shukla, Registrar of DPSRU, shared his insights on the occasion, discussing G20 activities at the university, led by Dr. Saurabh Dahiya and supported by DPSRU faculty. The event proceeded with a Pledge taking ceremony on National Voters' Day, orchestrated by Verve students under Prof. Richa H Rai's guidance.



The cultural segment commenced with VERVE students' eloquent expressions, followed by FITOOR's thought-provoking street play. MALANG and RAAG Societies enthralled with captivating dance performances and patriotic songs. Noteworthy were the Kathak dance by Ms. Ishita (daughter of Dr. Sheetal Kalra) and speeches by Parthsubodh Sharma and Stuti Sharma (children of Dr. Prabodh Chandra Sharma). showcasing our students' and faculty's remarkable cultural talents and patriotism.Photographs by Paridrishya society captured the memories.

Aakriti Society adorned the surroundings with vibrant flowers, rangoli, and paper craft. The event concluded with high spirits and the indulgence of boondi ladoos.

The event was organized by Prof. S. Wakode (DPSRU Dean Students' Welfare) and Prof. Richa H Rai (Extracurricular Incharge). BPharm students Ms. Arshita Chaudhary, Ms. Palak Jhangiani, Mr. Priyanshu Singh, and Mr. Chinmay, along with administrative staff like Mr. Krishan Kumar and Mr. Ankur, played pivotal roles in meticulous event planning.





- National Voters' Day gathering was orchestrated by DPSRU's Dean Students' Welfare Prof S Wakode, Dean Academics Prof Deepti Pandita, Extracurricular Incharge Prof Richa H Rai, and Assistant Registrar Academics Dr. Anubha Agarwal, along with student Ms. Urvashi Sinha.
- The occasion commenced with a pledgetaking ceremony, followed by a debate competition at the QIP DIPSAR seminar hall.
- The debate theme was "Should Voting be made compulsory." Ms. Harkriti Gangwani secured the first prize, Mr. Vansh Nangia secured the second, and Mr. Harsh Shaina claimed the third prize.



- Executives from the SDM election office, south, including Ms. Vijayalakshmi, distributed jackets, caps, and certificates among the participants and winners of the debate competition.
- Dr. Abhishek Dadhich, Dr. Anshul, Prof Richa H Rai, and Prof S Wakode undertook the role of judges.





138

Observing rituals of Goddess Saraswati Pooja on Occasion of Basant panchami 27th Jan 2023

- In honour of Maa Saraswati, and to mark the arrival of spring, Basant Panchami is celebrated all over the country. This day being the fifth day of the Magha month of the Hindu Calendar, was observed by offering Pooja and shlokas to Goddess Saraswati, on the 27th of January 2023 at DPSRU this year. Hon'ble Vice Chancellor Prof Ramesh K. Goyal and Prof D. P. Pathak, along with several faculty and staff adorned the event, with their hands folded, prayed to the Goddess to bestow her blessings on DPSRU/DIPSAR family. The ambiences were filled with colours as the students of Aakriti society of DPSRU decorated the auditorium with flower Rangoli.
- Yellow and white being the favourite colour of the deity, fruits and sweetsof such colours were then distributed amongst all as pooja offerings, throughout the campus after the ecstaticchanting of Mantras by panditii and also adorable performances as devotees to Maa Saraswati, by the students of Raag and Malang societies of DPSRU. This year this also celebrated event was to commemorate Azadi Ka Amrit Mahotsav as well as the G20 Summit in India. Dean Student Welfare Prof S Wakode and Prof Richa H Rai Extracurricular Faculty Incharge organised the event with the Paridrishya, Raag, Malang, Aakrti and Verve societies of DPSRU.



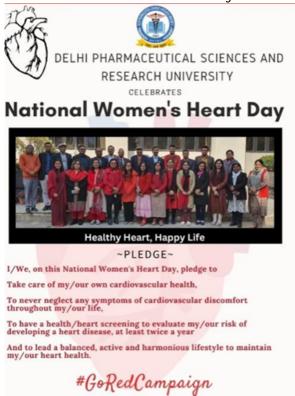
Celebrating National Women's Heart Day 2023

 National Women's Heart Day was first observed on February 7, 2010 by the National Heart, Lung, and Blood Institute (NHLBI) and the Office on Women's Health (OWH) in the United States. The goal of National Women's Heart Day is to educate women about the risk factors for heart disease, the warning signs of a heart attack, and the steps they can take to prevent and manage heart disease.



- We encouraged everyone to wear red to show their support for the cause and to raise awareness about the importance of heart health and to stand together in the fight against heart disease by conducting a small seminar for the young generation in groups.
- Whether it's exercising regularly, eating a healthy diet, or getting regular check-ups and screenings, every little bit helps.

• The event also aims to encourage women to make lifestyle changes that can improve their heart health, such as eating a healthy diet, exercising regularly, quitting and smoking. Commemorating 75 vears of Independence AKAM, DPSRU celebrated the #GoRed Campaign to Join the fight against heart disease on National Women's Heart Day!



Wear red take the pledge and make

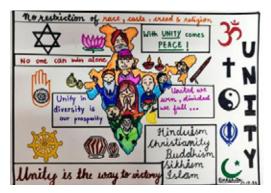
- Women were encouraged to participate in various ways, including filling out a Google Form, pledging to prioritize their heart health, and sharing pictures of themselves in red attire on National Women's Heart Day on social media. The best pictures were featured on the college's social media pages.
- National Women's Heart Day reminded women to prioritize their heart health and take action against heart disease. The event was organized in collaboration with the Verve Literary Society of DPSRU, led by students Ms. Harkriti Gangwani, Ms. Menuka Sinha, and Mr. Tarun Uniyal. The Instagram handles @dpsruofficial and @dipsar_dpsru were flooded with messages and pledges to spread awareness.

Celebrating National Unity Day on 31st October 2023

- DPSRU, in collaboration with the Aakriti Art Society, hosted a poster-making competition on National Unity Day, Rashtriya Ekta Diwas, on October 31, 2022. The competition began with student registrations, followed by poster submissions from October 28 to 31. The response was remarkable, with numerous creative entries received on the given topic. The competition results were announced on the same day, October 31.
- The first place was secured by Amrita Biswas, a first-year student of Bachelor's in Pharmacy, followed by Dakshita, a second-year student of B.Pharm at DIPSAR, as the second winner. The third position was claimed by Deepika, a first-year student from B.Pharm at SPS-DPSRU. Participants were awarded e-certificates for their active involvement.
- This event effectively showcased the exceptional talents of our students, and we extend our best wishes for their future endeavors.
- The successful coordination of the event was managed by the proficient Aakriti Art Society team at DPSRU: Mitali Dhar, Yash, Shweta, Cheshtha, and Tarun Uniyal.
- The event was orchestrated by Prof. Geeta Aggarwal (Dean Academics), Prof. Rajiv K. Tonk (Dean Students' Welfare), Prof. Richa Hirendra Rai (Extra-curricular In Charge), Dr. Anshul (Cocurricular Incharge), and Dr. Anubha Agrawal (AKAM Nodal Officer).
- The event was organized in conjunction with Azadi Ka Amrit Mahotsav.



1st Prize Amrita Biswas DIPSAR 1st yr



2nd Prize Dakshita BPH 2nd year , DIPSAR



3rd prize Deepika BPH 1st year DPSRU

Martrys' Day Celebration

- DPSRU observed National Martyrs' Day on January 30, 2023, commemorating the sacrifices of our national heroes who laid down their lives in service to the nation. The event took the form of an Online Poster Making Competition, skillfully organized by Prof. Dr. Richa H. Rai, a distinguished professor in Physiotherapy at DPSRU. Esteemed faculty members, including Dr. Anubha Agarwal (Assistant Registrar Academics), Prof. Deepti Pandita (Dean Academics), and Prof. Sharad Wakode (Dean Student Welfare), guided and supervised the event. Mr. Ankit Monga served as the student coordinator.
- The competition welcomed students from all corners of the university to create and submit posters online, paying homage to the theme "Swatantara Sainaniyo ko Shraddhanjali" (Salute to the Freedom Fighters). Participants were tasked with personifying and honoring the sacrifice of our independence activists and leaders in the Indian struggle for freedom. A students total of 26 enthusiastically participated, each contributing their artistic interpretations to pay tribute to the brave leaders who dedicated their lives to India's freedom movement.





The three best entries were selected by Judges and were awarded the First, Second and Third prize for their excellent work dedication, while all and participating students got participation certificates for participating actively and contributing for the event. First Prize was one by Stuti Mathur, Second Prize was won by Parinishta Gupta, and Third Prize was wom by Nehal. Student Coordinator for the event was Mr. Ankit Monga, M. Pharm, Industrial Pharmacy. Results were declared on official insta @dpsruofficial.



Lohri celebration at DPSRU on 24th of January 2023

- On January 24, 2023, DPSRU celebrated Lohri, a beloved Indian festival. This festive occasion marks the conclusion of the winter solstice, symbolizing the end of winter and the welcoming of longer days as the sun moves towards the northern hemisphere. Lohri is celebrated with great enthusiasm by people in the northern region of the Indian subcontinent.
- The celebration at DPSRU encompassed traditional rituals, including lighting bonfires, relishing festive food, and dancing around the fire.
- Lohri songs accompanied the occasion, performed with lively dhol beats, with everyone joining in bhangra and gidda dances.

- This festival is a testament to the spirit of community and presents an opportunity to cultivate a sense of sharing and joy among friends and families.
- DPSRU embraced the festive spirit with faculty, students, and staff coming together to celebrate Lohri. The event was orchestrated by Prof. S Wakode from the Dean Students' Welfare Office, Prof. Richa H Rai (Extracurricular Incharge), and Mr. Krishan Kumar. This celebration fostered warmth, happiness, and a strong sense of unity among the DPSRU family.



AAKRITI Exhibits its Art and Craft on 10th August 2022

- The Art Society "Aakriti" of Delhi Pharmaceutical Sciences and Research University organized an Art and Craft exhibition on 10 August 2022, Wednesday at the Student Section Area of the Campus. The event began at 1:30 PM onwards and included the display of a plethora of magnificent Art works which swayed the Viewers.
- The breathtaking display included Sketches, Paintings, Oil paintings, wooden work Paintings, Mandala Art, and numerous Origami Art which included Peculiarly shaped boxes, flower Pot etc.





- The section also had an eye-catching display of Posters of the "Van Mahotsav" event where every poster was enriched with a meaningful message presented in the form of Art.
- The event was guided by Prof . Rajiv Tonk (Dean of Students 'Welfare) & Prof. Richa H Rai (Extra-Curricular Incharge).
- Coordinators of the event were Mitali Dhar (B pharm , 2nd year) , Sahil Singh (B pharm 2nd year) , Aakash Jain (B Pharm 3rd year), Shrestha Saha (B pharm 3rd year) , Swati Singh (B pharm 2nd year).
- Other Students who managed the event were Shikha, Vedang ,Himanshi, Aditi Biswas, Arshita, Cheshta, Disha Charak, Vanshika Malhotra, and Jyotsana.

Celebrating International Women's Day 10th March 2023

- Women in shades of pink, both Faculty and staff, of DPSRU, Collectively vowed to Embrace Equity, celebrate women's achievements, raise awareness about discrimination and pledged to take action to drive gender parity by felicitating each other. Prof Harvinder Popli surprised them all by presenting small tokens of appreciation.
- All then attended the meditation and introspection session conducted by Dr.
 Priyanka Madaan, a Certified Life Coach and Speaker and Parenting Coach.
- The session had two primary objectives:
 - Self-Understanding: The session aimed to help participants gain better selfawareness.
 - Mentorship for Female Housekeeping Staff.

- The second objective was to establish mentorship for female housekeeping staff on each floor. This mentorship aimed to educate them about HIV and AIDS, fostering an environment where they could openly discuss their concerns with their mentors.
- Flyers were distributed in both Hindi and English to disseminate knowledge about HIV and AIDS, accompanied by key principles. These principles were applicable establishments. to all Participants were also informed about the Grievance Redressal mechanism at DPSRU, with Prof. Richa H. Rai serving as the Complaints Officer at establishments.
- Dr. Bharti Mangla, Dr. Priti Jain, Dr. Sheetal Yadav, Dr. Anshul, and Prof. Richa H. Rai volunteered to mentor staff on different floors.

- Following this, a brief interactive session included games and a delicious snack.
- The event was delightful and enriching, aligning with the guidance of Prof. Dr. Ramesh K Goyal (Honourable Vice Chancellor), Registrar Dr. O.P. Shukla, Prof. Harvinder Popli (Director SPS), Prof. P.K. Sahoo (Director DIPSAR), and a team of coordinators including Prof. Richa H. Rai, Dr. Bharti Mangla, and Dr. Anshul.
- Prof. Rajiv K Tonk and Prof. Sharad Wakode also graced the event. The event was documented by Gursheen Kaur Sethi and Anu Gupta from the Paridrishya Society.



Food Fest - Argentina - A G20 Activity

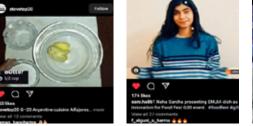
 DPSRU orchestrated a unique Food Fest-Argentina initiative, fostering collaboration and cultural integration with G20 nations through cuisine. Students were engaged in shooting videos sharing Argentina's dish recipes, which they creatively adapted to Indian style using local ingredients .They further infused vegetarian twists into the dishes while ensuring nutritional value.



These videos were showcased • on DPSRU's official Instagram handles, @dpsruofficial @dipsar_dpsru. and Students were encouraged to like and share the videos widely. Outstanding contributions came from Ms. Palak Jhangiani, Ms. Neha Saroha, and Mr. Amar, who passionately participated in the event. The prepared cuisine was sampled by the Honourable Vice Chancellor, who suggested incorporating healthier ingredients into the concept.



The event was adeptly managed by Nodal Officer G20 event- Dr. Saurabh Dahiya, along with Coordinators Extra-curricular Incharge- Prof. Richa H Rai, and Event Coordinators- Ankit Monga, Vedang, and Palak. Their efforts were guided by Honourable VC Prof. Ramesh K Goyal and Registrar Dr. O P Shukla.





World cancer Day on 3rd Feb 2023

 DPSRU along with Aakriti- the Art society of DIPSAR/DPSRU organised a slogan making competition on the occasion of WORLD CANCER DAY. Participants had to click a selfie with a virtual bald filter or bandana with the slogan. This was done to reduce the stigma and show a symbol of courage by indirectly expressing it to people undergoing treatment that we are with them.



- Very few students participated which demonstrated the sensitivity of the matter. The only participant Rohit Rathore B Pharm 5th sem DIPSAR was awarded with Certificate, who showed the courage and came out with a beautiful slogan.
- The event was held by the Dean Students' Welfare office, Prof Richa H Rai, Extra-Curricular Incharge and Dean Students' Welfare Prof Sharad Wakode along with the Aakriti Art Society students: Mitali Dhar, Chestha Sethi, Raheen khan and Manvi.

Farewell for DIPSAR/DPSRU Batch 2019 on 1st June 2023

- Bidding farewell can be a difficult task as it involves a mixed feeling of Gratitude, apprehension, Sadness, and Excitement as it marks the beginning of a new chapter. A farewell ceremony was organised for the outgoing batch BPharm 2019, in the G.K Narayan Auditorium on June 1, 2023 at 11 am. The Auditorium was lit with happy faces and decorated with balloons. The world ahead will definitely be an Uncertain and challenging place to be in, but there could be nothing better to start off with the best wishes of the heads of the Alma Mater where one has been groomed.
- Honorable Vice Chancellor, Prof. Dr. Ramesh K. Goyal, inspired everyone present, with his enlightening words and his humble personality.
- This was followed by an encouraging address by Prof. Dr. Rajiv K Tonk, Dean of Students' Welfare.

Blossom our lives with brotherhood. Remove negativity from cancerhood ! Cancer not a curse, it's forlorn illness. Walk with humanity, cherish togetherness !



The presence of the faculty elated the outgoing students. Fun and frolic filled the ambiance as the students performed activities including Ramp walk, Poetry recitation, pushup challenge, etc. The speeches and the video played reflected memories of the past, which evoked a sense of nostalgia. Performances exhibited by students of different cultural societies of DIPSAR/DPSRU included poetry, Drama, Dance, singing, etc.



- Faculty Judges appreciated the talent of
 The program concluded with a heartfelt the students and presented them the respective titles.
 The program concluded with a heartfelt
 Vote of Thanks by Prof. Richa Rai and the Event heads. They appreciated the
- Mr. Farewell- Deepak Khari,
- Ms. Farewell-Aradhita Kaler,
- Mr. Personality- Kunal, Namish
- Ms. Personality- Aarti Prakash
- Mr. All Rounder-Amar Singh
- Ms. All Rounder- Aditi Aeri, Srishti Saini.



DPSRU Celebrated Har Ghar Tiranga : Azadi Ka Amrit Mahotsav Quiz Competition on 12th august 2022.

- Amidst the plethora of activities related to diverse perspectives, culture and values DPSRU also conducted a quiz competition to groom and enhance the brain power of the students.
- This definitely brought about selfawareness of progress and assessment of the students and also enhances their teamwork.

- The program concluded with a heartfelt Vote of Thanks by Prof. Richa Rai and the Event heads. They appreciated the outstanding performances and extended best wishes for the exciting new journey ahead. The event fostered confidence and a cheerful outlook, even amidst farewells. The mix of joy and nostalgia resonated as everyone remembered cherished moments and connections, marking the end of their graduation journey.
- Mr. Ayush Gupta managed the event overall, with Chinmay handling the Designing, and Vanshika, Yogita, Pranjal, and Gitanjali overseeing the Stage & Program Management. В Privank coordinated the Cultural Activities (Malang, Raag, Verve, Fitoor), while Shagun, Sarthak, Anuj, Pranjal, Muskan, Bansh, Priyanshu, Areeb, and Ramkrishna Soni managed Stage Decoration, Audi Cleaning, Registration IT, Counter, Discipline, Photography, and refreshments



- To encourage the administrative skills of the students, there was a team, which was engaged in the task of planning the entire event with Prof Richa H Rai (School of Physiotherapy) as the Quiz Coordinator and Event Head, Mr. Ankit Monga DPSRU were playing the role of quiz master along with student Event Coordinator . Ms. Bhavya Sati (B.Pharm II year DIPSAR), Ms. Sarvshreshtha (BPT II year) as the score monitor and Ms. Soni (Diploma final year, passing batch) as the digital event coordinator. Ms. Palak and Ms. Udisha from B.Pharm I year as the Time and Venue Coordinator and Shailja, (B.Pharm III year DIPSAR) for registrations.
- The event showcased impressive coordination among the team members, as they executed their roles responsibly to ensure its success. The effectiveness event's was acknowledged by Prof. Geeta Aggarwal, Dean Academics DPSRU, Dr. Rajiv K Tonk, Dean Students' Welfare. Ms. Anubha Agrawal, Assistant Registrar (Academics) and Nodal Officer, DPSRU, and Mr. Harish Assistant Meghwani, Registrar (Student Affairs). Their encouraging words motivated the students.
- Special thanks were extended to Dr. Tabassum Saher and Dr. Neha Kumari from the School of Physiotherapy for their valuable judgment



- Despite parallel activities keeping students occupied, 3 teams comprising 3 students each participated in the "AKAM: Har Ghar Tiranga" event. The quiz, held from 1 pm to 3 pm on August 12, 2022, in Room no. 507 of DPSRU's New Building, engaged the 30 attendees with intriguing audiovisual aids. Moderators skillfully kept participants immersed by asking questions covering topics like the nation, general knowledge, Hollywood, Bollywood, and health. This interactive approach helped teams learn and identify gaps in their knowledge.
- We are equally thankful to DIIF and its staff Mr. Rajkumar, Mr. Yashwant and also Mr. Bhanu Pratap Singh (OA) and Mr. Vipin from housekeeping for having helped us to make the arrangements.
- The winner of Team A (Chaudhary Dipesh Singh, Arshad, Vikas Singh, BSc Sports science) was felicitated in the Valedictory Function on the 18th of August 2022. Team A as very closely followed by Team C (Titir Santra, Vansh Malik and Kanishka Kothari of BSc Sports Science and then Team B (Rohit Rathore, Yash and Shweta Yadav: BPharm).

World Heart Day - World Heart Day Marked at the DPSRU, New Delhi, India

- Delhi Pharmaceutical Sciences and Research University, New Delhi celebrated World Heart Day on 29th Sept in association with the Society for Promotion and Research of Cardiovascular Sciences (SPARCS) and International Academy of Cardiovascular Sciences (IACS)-India section.
- Observing the increasing and alarming statistics of cardiovascular diseases globally, the aim of this program was to spread awareness about heart health significance for a healthy life and how to keep heart healthy with a few small and smart steps.
- A camp with free access to heart and lung health check-up in collaboration with Delhi Heart and Lung Institute (DHLI) and Rotary Club Delhi Central. The health Check-up camp was inaugurated in the presence of Vice Chancellor, DPSRU; Registrar, DPSRU; Rtn. Sanjay Agarwal (President, Rotary Club Delhi Central); Director, SPS, DPSRU, all the dignitaries invited and faculties, DPSRU.





- A successful balloon releasing ceremony and Heart-Walk campaign marked the occasion, overseen by Prof. Ramesh K. Goyal, Vice Chancellor of DPSRU and President of IACS (India Section), with coordination by Dr. Mukesh Nandave, Associate Professor at DPSRU and Secretary General of IACS (India Section). Participants shared heart health messages and slogans during the Heart Walk, emphasizing exercise smart practices.
- Dr. Kamal K Sethi, Chairman and Cardiologist at DHLI, highlighted alarming signs and symptoms related to heart health risks. He discussed measures for managing good heart health and ways to counteract risk factors' impact.
- Dr. Rama Kant Yadava, Associate Professor of Cardiology at the All India Institute of discussed Ayurveda, New Delhi. Ayurveda's holistic approach to cardiovascular disease management. He explained how maintaining a balance of doshas and dhatus as per Ayurvedic principles can help prevent heart diseases. Dr. Yadava emphasized the significance of balanced diet for heart health а maintenance.
- Dr. Mukesh Nandave delivered the vote of thanks.

15th August 2022- Celebrating 75 years of Independence at DPSRU

- On the 'Azadi ka Amrit Mahotsav': Independence Day 2022, the NSS and 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. Aditya Kaushik, Section officer (Ex-Navy) and Mr. Krishan Kumar, Security incharge and EPABX Operator, DPSRU (Ex-Army). Hon VC hoisted the National flag, followed by the national salute and national anthem. The hoisting of the tricolor was synchronized with the National Anthem after which Hon VC delivered the customary address. He expressed his visionary thoughts and also appreciated the efforts of all students, faculty, and staff for having toiled even harder this year and for having excelled. He also communicated despite of all the challenges, the development and growth prospects of the university were not affected, but have only improved by leaps and bounds.
- We also heard Dr. O.P. Shukla, Registrar of DPSRU, speak about the different achievements of the University and the potential for research with the various grants and laboratories which have recently been set up. This was followed by the felicitation of the students who were the winners of the Van Mahotsav Week celebrated in July 2022, followed by a concluding note by the coordinators of the event Prof. Richa H Rai and Prof. Rajiv K Tonk.



The organising committee members were overwhelmed to hear a word of appreciation from the Vice-chancellor. Prof. Geeta Aggarwal, Dr. Preeti Jain, Dr. Anshul, Dr. Ravinder Mudgil, Dr. Devesh Tewari, Dr. Jitender Munjal, Dr. Vijender Kumar, Mr. Aditya Kaushik, Mr. S.S. Mathur, Mr. Krishan Kumar and their team, Ms. Jyoti Baisla, Mr. Deepanshu, Mr. Nishant were all appreciated for their efforts. With the permission of the Honourable Vice Chancellor this was followed by the cultural event of the day.Raag: The music society of DPSRU initiated the same with their musical performance followed by Verve: The literary society which expressed the love for the motherland in a poetic style. As the Faculty, staff and their wards performed, a sense of patriotism filled the air. Dr. Abhishek Dadhich demonstrated his poetic skills. followed by a singing cum dance performance by the trio Dr. Gaurav Jain and his wife Ms. Vaidehi and son Mr. Garv and Mr. Rudra Singh son of Ms. Jvoti.

Dr. Aakash Midha, a faculty at DPSRU and a poet by hobby, cast a spell on the audience by reciting superb poetry on national and literary issues. Dr. Vijender Kumar wards Master Jayant Pareek and Jayash Pareek filled the ambience with melodious performances and Ms. Harshali daughter of Dr. Mahaveer Dhobhi and Ms. Vaishvi daughter of Dr. Mukesh Nandave, demonstrated love for nation through their commendable dance performances. Master Mukul son of Assistant Registrar Mrs. Nisha and Ms. Dhwani daughter of Dr. Shilpa Jain also disseminated knowledge about the National flag and some constitutional values amongst the audience. Master Sankalp and Ms. Anshika wards of Dr. Ajit Kumar Thakur also performed on the day followed by a beautiful dance performance by the twin sisters Ms Shakthi Sangharshana and Ms. Shakthi Sangeerthana daughters of Dr. Swaminathan. Excellent oratory skills were demonstrated by the wards of Dr. Prabodh Sharma, Master Pranav, Ms. Stuti, and Ms. Bhavya. It was mystifying to hear the short singing performances by Duo Prof. Rajiv K Tonk and Dr. Mukesh Nandave and later by Prof. Richa H Rai. The program was concluded by the students of Fitoor with their Nukkad Natak demonstrating the real meaning of Patriotism and love for the nation and ourpeople.



152

The celebration could not have been concluded without the effort of the anchors of the day Ms. Shailja (B.Pharm 3rd year DIPSAR) and Ms. Gurpreet Kaur (B.Pharm 2nd year) and the backstage volunteers Ms. Devika PK (B.Pharm 1st year), Ms. Mukta Kale, Mr. Qadir Abdul, Mr. Ilhan Ahmed Khan (M.Pharm 1st year students) and without the lasting support of the office staff, Security personnel, horticulture, and housekeeping staff of DPSRU.



Celebrating 8th International Yoga Day

The 8th International Yoga Day was celebrated at Delhi Pharmaceutical Sciences & Research University, New Delhi. The whole program was based on a Global theme: 'Yoga for One World' and Domestic theme is 'Har Ghar Aangan Yoga' which means Yoga in the courtyard of every house. A total of 170 teaching, non-teaching staff members and students participated with full enthusiasm. The program was celebrated in G.K. Narayanan Auditorium, DPSRU.

The program commenced by lamp lighting ceremony by the guests Dr. Shridhar Dwivedi and Mrs. Shakuntala Goyal, joined by Prof. Ramesh K. Goyal, Vice Chancellor, DPSRU and other staff members. Being a senior cardiologist Dr. Dwivedi elaborated on the importance of Yoga in life and how it connects traditional medicine with modern medicine to keep the body, heart and mind healthy. He told us about Yoga for all by a shloka And also the meaning of Health is Wealth by explaining

" धर्मार्थ काम मोक्षाणां शरीरं साधनं हितम सेहत ही धन है , रोगी निर्धन है".

He also explained about the introduction of 'Yoga'by Lord Krishna during Mahabharata तस्माद्योगाय युज्यस्व योगः कर्मसु कौशलम्।।250।।

युक्ताहारविहारस्य युक्तचेष्टस्य कर्मसु। युक्तस्वप्नावबोधस्य योगो भवति दुःखहा।।6.17।

After this enlightening talk by Dr. Dwivedi, Prof. Ramesh K. Goyal also told about the importance of Yoga to be done with the supervision of experts, specifically for those who suffer from musculoskeletal problems. Acharya C.P. Ray, the Yoga Guru of the university then demonstrated yoga asanas and pranayamas, where all the participants practiced wholeheartedly and emphasized practicing yoga every single day. He elaborated on the point that regular yoga practice leads to better mental, physical and intellectual health. It positively changes the lifestyle of the people and increases the level of well-being.









The entire celebration was started actually 15 days back in the university with the countdown before 21st June, 2023 and the whole program was coordinated by Dr. Shilpa Jain. In conclusion, Yoga Day is a global event that celebrates the practice of yoga, a centuries-old tradition that has gained immense popularity worldwide. The celebration of this day highlights the importance of yoga in promoting health and well-being, fostering intercultural dialogue, and promoting peace and harmony. We wish every year the tradition will be continued and cherished forever with new enthusiasm.

'युवा वृद्धो अतिवृद्धो व्याधितो दुर्बलोऽति वा। अभ्यासाद् सिद्धिमाप्नोति सर्व योगेश्वतन्द्रितः।'

Art & craft competition held on 31 March 2023.

Students actively participated in the event. Faculty members evaluated the posters. Prof. P.K. Sahoo, director DIPSAR & Prof. Sharad Wakode congratulated the winners & participants. Certificates will be provided to all students.





National 'Save Girl Child' Day

School of Allied Health Sciences and Management (SAHSM) in collaboration with Committee against Sexual Harassment celebrated National Save Girl Child Day on 24th January 2023 with the objective of raising awareness about importance of girl child. Beti Bachao Beti Padhao is the most recent initiative started by the Government to actively encourage the people to save girl children. The programme was organized to support the Government's initiatives in saving girl children and to create awareness about menstrual hygiene among women and adolescent girls.

Event was inaugurated by Honourable Registrar, DPSRU, Dr. O. P Shukla. A string of activities was organized under the guidance of Dr. Puneeta Ajmera, Head SAHSM and Dr. Jaseela Majeed, Associate Professor, SAHSM.

All the activities were actively coordinated by faculty members, Dr. Sheetal Yadav, Dr. Abhishek Dadhich, Dr. J. Swaminathan and students of the Department of Public Health and Hospital Administration.School of Allied Health Sciences and Management with in collaboration (SAHSM) Committee against Sexual Harassment celebrated National Save Girl Child Day on 24th January 2023 with the objective of raising awareness about importance of girl child.

Beti Bachao Beti Padhao is the most recent initiative started by the Government to actively encourage the people to save girl children.



The programme was organized to support the Government's initiatives in saving girl children and to create awareness about menstrual hygiene among women and adolescent girls. Event was inaugurated by Honourable Registrar, DPSRU, Dr. O. P Shukla. A string of activities was organized under the guidance of Dr. Puneeta Ajmera, Head SAHSM and Dr. Jaseela Majeed, Associate Professor, SAHSM.

All the activities were actively coordinated by faculty members, Dr. Sheetal Yadav, Dr. Abhishek Dadhich, Dr. J. Swaminathan and students of the Department of Public Health and Hospital Administration.

A Poster making competition on the theme "Save Girl Child" was organized. Evaluation of the posters was carried out by a panel including Dr. O. P Shukla, Registrar, DPSRU; Dr Anubha Aggarwal, Assistant Registrar Academics and Mr. Harish Meghnani, Assistant Reaistrar Administration. Mahati Bhadania bagged first prize while second and third prizes were bagged by Shruti Sharma and Mani Aggarwal respectively. Prizes and certificates were provided to the winners and all other participants.

Free sanitary napkins were distributed by the faculty members among class IV women employees of DPSRU





- A health talk on menstrual hygiene was conducted by the students of MPH 3rd semester
- A health check-up camp was organized from 2.00 to 4.00 pm where free Allopathic, Unani, Homeopathy Dental, and Physiotherapy consultation were provided by a panel of doctors who were the students of final Year MPH/MHA, namely, Dr. Amit Kumar Singh (MBBS), Dr. Saba Aqeel (Unani), Dr. Vishali Sharma (Homeopathy), Dr. Neha Singh (Homeopathy), Priya Kumar (BDS), Dr. Dr. Risabh Gandhi (BDS), Dr. Shivam Sharma (BDS), Dr. Varnika Nayak (PT) and Dr. Ravi (PT).Education Kumar and awareness can contribute in improving attitudes towards the nation's female population



Vaccination camp on Precaution Dose/ Booster Dose



The community health facility of SAHSM has organized a Vaccination camp on Precaution Dose/ Booster Dose in collaboration with District Magistrate (DM) South and Chief District Medical Officer (CDMO) South district for students, faculty, staff, and family members of DPSRU on 23 September 2022. Both Covaxin and Covishield vaccines were administered during the vaccination camp. The vaccination camp was inaugurated by Prof Ramesh K Goyal, Hon'ble Vice Chancellor DPSRU and around 250 people got benefitted with this vaccination camp. Dr. Jaseela Majeed, Head SAHSM coordinated the vaccination drive.

DPSRU at Vedanta Delhi Half Marathon 2022 at Jawaharlal Nehru Stadium

After a long pandemic break of 2 years, National Capital Delhi flagged off the Half Marathon organized by Vedanta Group at JLN on 16th Oct 2022. More than 26000 people participated including 29 elite runners and several amateurs. Brightex Synergizer India Pvt. Ltd. – Hyperice set up the recovery zone for the athletes and runners at the JLN stadium where Physios from Delhi Pharmaceutical Sciences and Research University volunteered to share their services under the leadership of Prof Richa H Rai from School of Physiotherapy. There was a foot fall of more than thousands in the recovery zone where the students enhanced their knowledge and skills providing normal recovery as well as special treatment as required. This was possible with the joint efforts of Prof Richa H Rai and Dr. Sheetal Kalra along with the entire team of School of Physiotherapy.





Business Blaster Program of Delhi Government





The faculty of School of Allied Health Sciences Management, **DPSRU** actively and participated as Panelists in the selection of the top 100 teams of the Business Blaster Program, an initiative of Delhi Government for Entrepreneurship mindset creating an among class 11th and 12th students of Delhi Government schools held on 19-20 April 2023 across 33 Government Schools of the city. The Business blaster project is a practical component of Entrepreneurship Mindset curriculum (EMC) for class 11 and 12 students who will be given a seed money of Rs.2000/per students, to work in teams and come up with and implement a business idea to earn profit or solve a social problem by

life. The following faculty Dr. Jaseela Majeed, Dr. Puneeta Aimera, Dr. Abhishek Dadhich, Dr. Rakhi Ahuja, Dr. Simmi Vashistha and Dr. Akash Midha actively contributed as panelist in the final round for the selection of the top 100 teams.





Free Eye Check Up Camp

In celebration of World Physiotherapy, a free eye check-up camp was organized by the School of Physiotherapy DPSRU and WCSC in collaboration with Rotary Club Central Delhi. The event took place on 15th September 2022, at DPSRU Campus from 10 am to 3 pm. Prof Harvinder Popli, Director SPS, DPSRU, and Rotary Club Divine led this initiative.

Centre, led by renowned ophthalmologist Dr. R P Singh, provided eye check-ups for approximately 170 patients, including DPSRU faculty, staff, and walk-in physiotherapy patients. The evaluations included eye power checks for both distance and near vision, slit lamp examinations, fundus examinations, and treatment by Senior Consultant Eye Specialists.

This event also served as an opportunity to ΗIV distribute and AIDS awareness pamphlets, aiming to educate the public on prevention, care, and support related to HIV. To add inspiration to the event, Mrs. Bharulata Patel-Kamble, a British Citizen of Indian origin and a pioneering automobile expeditor, delivered a motivational talk. She is recognized for being the first Indian lady to drive solo through the Arctic Circle and 32 countries, as well as the first woman to cover the longest distance in the Arctic Circle, spanning 2792 kilometers in just 39 hours. She also holds the distinction of being the first Indian woman to hoist the Indian flag in the Arctic Circle. The camp received an enthusiastic response from more than 170 patients, and the DPSRU students and Rotary volunteers gained valuable experience

. The event's success was a result of the collaborative efforts of the School of Physiotherapy Team, including Prof Richa H Rai, Dr. Sheetal Kalra, Dr. Varsha Chorsiya, Dr. Savita Tamaria, Dr. Jitender Munjal, Dr. Parul Sharma, Dr. Sapna Dhiman, Dr. Tabassum Saher, Dr. Neha Kumari, and staff members Ms. Suhasini, Ms. Dhanashree, Mr. Naresh, and Mr. Jiledaar. WCSC, represented by Dr. Madhu Gupta, COO, and Coordinator Ms. Meghna Singh, actively The Nimisha Foundation and Visitech Eye participated, along with their volunteers Vaishali, Tumpa Manna, Anuj, and Rahul, who contributed greatly to the event's success.







Tree Plantation Drive at Tilpath Valley Biodiversity Park, New Delhi

Maintaining the legacy of environment protection and engaging in eco-friendly activities, the "A Tree Plantation Drive" was conducted by the Green Audit Committee of DPSRU at Tilpath Valley Biodiversity Park, New Delhi on 29.08.2022. Around 15 saplings consisting of Terminalia arjuna, Dalbergia sissoo, Holoptelea integrifolia ,Terminalia bellirica, Putranjiva roxburghii etc. were planted in a well-organized way. All the trees planted have some medicinal value like antihypertensive, anti-leprotic, antirheumatic etc. Dr. Jaya Kumar, Ecologist and Scientist In charge of Tilpath Valley Biodiversity park, and Dr. Mukherjee, Field Biologist, Tilpath valley briefed that earlier it was a barren land and with efforts of like minded people and support of Government they are developing a forest ecosystem.

With the continued efforts already a forest community has been created and are in the process of exploring more areas of barren land.

Due to this restoration they could support and develop a new ecosystem of flora and fauna

The plantation was done by Prof. (Dr.) Ajay Sharma. Head. Department of Pharmacognosy Phytochemistry, and followed by Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Management (SAHSM), Dr. Puneeta Ajmera, Associate Professor, SAHSM and Dr. J. Swaminathan, Unnat Bharat Abhiyan Coordinator. PhD scholars of the university also participated in the event and planted the trees. This was a great initiative to make our atmosphere neat and clean. By tree plantation, we can develop a climax ecosystem free of greenhouse gases to reduce global warming





"AAKRITI- THE ART & CRAFT SOCIETY"

Events conducted in 2023



Orientation Photowalk with paridrishya Republic day celebration G20 food fest and flower show decoration G20 indo Brazil decoration G20 face painting Tote tastic (Tote bag painting event) World environment day rangoli Science day Rangoli workshop in Collab with Lakshmibhai college Online workshop in Collab with Rotaract

World cancer day awareness programme







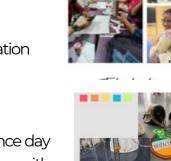














E-Cell at DPSRU

The Entrepreneurship Cell at DPSRU-DIIF is a dynamic hub for fostering innovation and entrepreneurship. lt offers incubation support, mentorship, training, and networking opportunities to aspiring entrepreneurs, with a special focus on pharmaceutical and healthcare-related ventures. This cell empowers startups to thrive by connecting them with resources, funding, and a supportive community, contributing to the growth of India's entrepreneurial ecosystem.

Students at the Entrepreneurship Cell at DPSRU-DIIF play a significant role in organizing a variety of events and sessions. They manage everything from hackathons to guest speaker series, workshops, startup showcases, and awareness campaigns. Through these activities, students inspire and educate their peers, fostering a culture of entrepreneurship on campus. They also actively seek feedback for continuous improvement, creating a dynamic and engaging entrepreneurial ecosystem within the university











"PARIDRISHYA- THE PHOTOGRAPHY SOCIETY"



EVENTS COVERED THIS YEAR

- IASTAM CONCLAVE
- G20 PANEL DISCUSSION
- G20 FIELD VISIT
- G20 FOOD FEST & FLOWER SHOW
- G20 INDO-BRAZIL FOOD & DANCE FEST
- G20 PLOGGING DRIVE
- MLT ORIENTATION PROGRAMME
- MBA ORIENTATION PROGRAMME
- ALL THE CULTURAL PROGRAMMES
 HELD IN DPSRU
- AAKRITI X PARIDRISHYA PHOTOWALK
- ROTARACT ORIENTATION
 PROGRAMME
- ROTARACT INSTALLATION
 PROGRAMME
- ROTARACT THANKSGIVING
 CEREMONY
- Startup CONCLAVE and innovation awards
- DST-STUTI PROGRAMME ORGANISED BY DPSRU
- NATIONAL PHARMACY WEEK 2022
- SPORTS DAY 2023
- REPUBLIC DAY & SARASWATI POOJA 2023
- NATIONAL CONFERENCE ON MSME
- NATIONAL SCIENCE DAY 2023
- HEALTH HACKATHON 4.0
- WOMEN'S DAY 2023

162



"VERVE- THE LITERARY SOCIETY"



EVENTS COVERED THIS YEAR

AUDITIONS ORIENTAION SESSION 2022-23 REPUBLIC DAY CELEBRRATION TA'ABIR: AN OPEN MIC EVENT OUT& PROUD 2.0 FUN SOCIETY MEETINGS PICNIC AT SUNDAR NURSERY ELOQUENCE: VERVE EXCLUSIVE DEBATES Founder AIQA Foundation VERVE'S FAREWELL TO OUR MEMBERS

Out and Proud 2.0: A Queer Session -

Celebrating Diversity and Inclusivity VERVE took a bold step forward in fostering inclusivity and celebrating the LGBTQ+ community by organizing an event called "Out and Proud 2.0: A Queer Session."

This event aimed to create a safe and supportive space for individuals to express their authentic selves, share their stories, and celebrate queer culture through various creative platforms.

The event venue was adorned with vibrant rainbow-colored decorations, representing the LGBTQ+ pride flag. The inclusive atmosphere invited attendees to immerse themselves in the diverse and colorful world of queer culture.



The event featured ROOH. а powerful poetry competition, AI FAA7 "Pride Exclusive" for reflections. personal and PRUDENCE, a fun LGBTQ+ trivia session. Inspiring speakers shared insights on embracing diversity. A transformative event fosterina LGBTQ+ voices and allyship.

Our esteemed speakers:

The event featured inspiring guest speakers -

1. Jhanvi Kundra Therapist/Psychologist

2. Meghna Mehra : Author/Activist,

3. Dr. Kinsukh Gupta : Doctor, Author and poet

The speakers shared their personal stories, experiences, and insights, offering powerful perspectives on the importance of embracing diversity and fostering an inclusive society



POEMS FROM THE FACULTY OF DPSRU

Who is teacher??

Teachers do what books can't and what parents don't. It's not easy to define what makes a good teacher but I replied that a good teacher knows how to read a story, and that each and every student arrives at our classroom door with a unique and intriguing yet incomplete story. A respectable Teacher is the linkage between knowledge and education. The really good teachers want to script confidence and success onto the blank pages; they want to edit the mistakes; and they want to help write a happy ending. The greatest part of being respectable Teacher is that when students grow up they will forget what the books taught but they will never forget the good teachers said. The really good teachers understand that we teach today to improve tomorrow ...

Happy learnings! Dr. Abhishek Dadhich Assistant Professor DPSRU, Delhi आओ बनाए भारत का अमृत काल जहा गूंज उठे हर शहर शहर और गांव चोपाल...

विश्व पटल पर छाई है नए कीर्तिमान की लाली जहा हम करे प्रेम और शांति की बहाली... जी 20 शिखर सम्मेलन की हम करे अध्यक्षता और हो वसुदेव कुटंभकम की सभ्यता...

विश्वगुरु की ध्वजा को हमे है फिर से लहराना आर्थिक मंदी, बेरोजगारी और आतंकवाद को है हमे हराना....

महा ज्ञानियों एवं ऋषियों की है हम संतान योग एवं आयुष का सम्पूर्ण विश्व को दे ज्ञान का वरदान....

हम सभी देशवासीयो का हो यही संकल्प करे क्षेत्रीय तकनीक और उच्च शिक्षा का कायाकल्प...

हम हे भेषज रसायन के विद्वान उत्तम स्वास्थ्य प्रबंधन एवं सामुदायिक सेवाओं का सदा करे निर्वहन....

आओ बनाए नित्य नव विश्व कीर्तिमान ऐसा हो हमारा भारत देश महान....

जय भारत डॉ अभिषेक दाधीच सहायक प्रोफेसर डीपीएसआरयू, दिल्ली



DPSRU पुष्प प्रदर्शनी के उपलक्ष में एक छोटी काव्य रचना

देखो सजी है फूलो की बेला DPSRU में बिखरी रंगो की शडला जैसे है कोने कोने में फूलो की महक वैसे है हर मन में नई उमंगों की लहर रंग बिरंगे ये कोमल फूल खुशियों के समेटे ये प्यारे फूल मन को लुभाते ये शर्मिले फूल मुस्कुराहट की छटा फैलते ये फूल फूलो जैसे तुम बन जाओ DPSRU विश्वविद्यालय का श्रृंगार कराओ गान जान और ध्यान की शाला जैसे हो रंग बिरंगे फूलो की माला देवालय के तुम श्रद्धा सुमन हो शहीदों के समाधि के तुम शांति दूत हो फूलो का है ये संसार निराला जीवन का ये हर पाठ सिखलाता।। 🌻

Dr. Abhishek Dadhich Assistant Professor SAHSM, DPSRU

झूठ - सच

झूठ कहते हो तुम कि झूठ के पाँव नहीं होते रोज चला आता है झूठ दरवाजे पर मेरे और पुछता है मुझसे सच कहाँ हैं? झूठ कह देता हूँ मैं भी कि सच. कई दिन से घर नहीं लौटा है बचाकर रखना तुम भी अपने अधमरे सच को क्योंकि घोंटने को गला सच का झठ गली में ऱोज घूमता है ।

Dr. Akash Midha Assistant Professor SASHM. DPSRU

हमने डूब के देखी है दरियाओं की गहराई

चारों तरफ तमस् छा गया हमने डूब के देखी है दरियाओं की गहराई, शायद चीन की वजह से विश्व ने लमहों की गलती से सदियों की सजा पाई " तमसो माँ ज्योतिर्गमय"

अंधकार की रात के बाद सवेरा जरूर आता है..... भारत की सीख "वसुधैव कुटुम्बकम्" ही सामने आई, जी-20 में भारत ने अलग पहचान है पाई, भारत के मोदीजी ने जी-20 के प्रमुख पद की शोभा है बढ़ाई। हमने डूब के देखी है दरियाओं की गहराई, इसीलिए आजादी की हीरक जयंती से अब भारत में अमृत काल की शान है आई । अब प्रारंभ हो रहा है नया साल, विश्व में नई पंचम औद्योगिक क्रान्ति काल मशीन - रोबोटिक्स का मानवीकरण । अरे विश्व के साथियों, डूब के देखो दरियाओं की गहराई, ऐसी क्रांति तो भारत में सदियों पहले से आई जी-20 की गरिमा अनूठे भारत में है आई, 2020-21 के तमस के बाद उमंग हैं आई, अमृतकाल की ज्योति 2023 की सुबह है लाई । पोफेसर रमेश गोयल

हमने डूब के देखी है दरियाओं की गहराई, देखी है पुष्पक से आकाश की ऊँचाई, और विशाल गोल वसुधा की लंबाई जग ना जान पाया जल संपदा की गहराई, सर्वोच्च ज्ञान - ज्योति, है जिसकी ऊँचाई, ये है भारत की वसुधैव कुटुम्बकम् की भावना, जिससे भारत ने जी-20 में जगह है पाई । ब्रिटेन - फ्रांस की मशीन से प्रथम औद्योगिक क्रान्ति आई, अमरीका - जर्मन से बिजली द्वारा द्वितीय औद्योगिक क्रान्ति आई,

चीन - कोरिया में कंप्यूटर की तृतीय औद्योगिक क्रान्ति आई । इक्कीसवी सदी में रोबोटवाली चतुर्थ औद्योगिक क्रान्ति आई। कोरोना 2020-21 में क्या आया, चारों क्रांतियों को नि:शब्द कर दिया, रोबोट तो क्या हवाई जहाज तक ठहर गये, मंदिर, मस्जिद, चर्च और गुरूद्वारे भी बंद हो गये,

News and Media Coverage

This year, Delhi Pharmaceutical Sciences & Research University received widespread recognition from online and offline media houses. DPSRU is committed to its social responsibility in disseminating scientific thought and spreading awareness about health and the role of Pharmacy.

- The Hon'ble Vice Chancellor, Dr. Ramesh K Goyal took the lead in the dissemination of scientific and medical information through his multiple media interviews.
- Dr. Goyal spoke about the ancient and traditional science of Ayurveda as part of the "Har Din Har Ghar Ayurved" celebrations in his interview with media channels.
- Dr. Goyal was also a member of a Medical panel discussion on Arthritis as part of the program <u>Hello Doctor</u> on DD Urdu.

Snippets from the DPSRU Convocation ceremony were shown on Sahara Samay and Network 10. The 13th IASTAM Oration & Awards ceremony was shown on Channel Aastha and News Express channels.

Yoga classes are being conducted by CMYS, DPSRU as part of the Government of Delhi initiative "Delhi ki Yogshala", benefitting more than 15000 citizens. Online free yoga classes were available for Covid patients

A series of events from food festivals to flower shows to cycling events were organized by DPSRU as part of the G20 initiative. All such events were widely appreciated and covered by the print media. India's G20 Presidency Awareness Drive was conducted by 150 DPSRU students and 20 faculty members on 11th February,2023 at India Gate, New Delhi and was covered by various print media. Expert talks, Seminars and workshops were covered by various newspapers(print media), tv channels(electronic media),and social media handles(Twitter, Instagram, Facebook).



गया था। कालेज के

टल अधिकारी सौरभ टहिय

किया। वीडियो के

आधार पर लाजी

The Hon'ble Vice Chancellor ,DPSRU Interacts With Electronic Media				
Subject	Name of Program	Channel	Date of telecast	
Har Din Har Ghar Ayurved	Capital India	Jantantra	08-Oct-22	
Har Din Har Ghar Ayurved		etvbharat	10-Oct-22	
Medical Panel Discussion on Arthiritis- Hon'ble Vice Chancellor	Hello Doctor	DD Urdu	13-Oct-22	
Medical Panel Discussion on Arthiritis- Hon'ble Vice Chancellor	Hello Doctor	DD Kisan	15-Oct-22	
Har Din Har Ghar Ayurved	Gram Kisan	DD Kisan	16-Oct-22	
DPSRU Convocation ceremony		Sahara Samay	22-Dec-22	
DPSRU Convocation ceremony		NETWORK 10	22-Dec-22	
13th IASTAM Oration & Awards ceremony		News Express	22-Jan-23	
DPSRU Innovation & Incubation Foundation	News Bulletin	DD News MP	23-Jan-23	
13th IASTAM Oration & Award function		Aastha	25-Jan-23	

फूलों व औषधीय पौधों पर आधारित हर्बल पार्क जल्द बनेगाः प्रो. गोयल पुरस्कार वितरित किए। डीपीएसआर बागरण संवाददाता, दक्षिणी दिल्ली ः

दिल्ली औषधि विज्ञान और अनुसंधान संस्थान (डिपसरू) में सोमवार दिल्ला आषोध विद्वान आर अनुसामानं यूनवासदी के ।नदराक आ. पाक संस्थान (डिपसरू) में सोमवार साहु और डीन छात्र कल्पाण प्रो. एस को जी-20 के तहत पुष्प प्रदर्शनी वाकोई मौजूद रहे। और कनाडा व आरदेलिया फूड 40 टीमों ने तिया हिस्साः फूड फेस्ट फेस्टियल का आयोजन । में 40 टीमों ने और पोस्टर

किया गया। इस गतिविधि का समन्वयन जी-20 नोडल अधिकारी डा. सौरभ दहिवा और संकाय एच समन्वयक डा.

सहिल द्वारा किया गया।

कार्यक्रम में कुलपति प्रो. आरके गोयल ने विभिन्न देशों के फूलों के बरे में छात्रों से बातचीत की और कहा कि जी-20 के लिए फूलों और औषधीय पौर्यो पर आधारत एक हबंल पार्क जल्द ही बनावा जाएगा। कार्यक्रम की मुख्य अतिथि वंडर विमन कनेक्ट की फाउंडर चेयरमैन अर्पणा अग्रवाल और छ. अक्षिता गुप्ता ने विजेता टीमों को तृतीय पुरस्कार जीता।



मीनाशी गर्ग सहित इस आयोजन के जजों ने प्रविष्टियों का मूल्यांकन और

विश्लेषण किया। प्रतियोगिता में प्रथम पुरस्कार प्रातयागिता में प्रथम पुरस्कार वंश नॉगिया, द्वितीय पुरस्कार अंश एवं उनकी टीम और तृतीय पुरस्कार निकुंज एवं विकास को दिया गया। पोस्टर मेंकिंग में नेहा ने प्रथम, तान्या ने द्वितीय व मानसी ने

यूनिवसिंटी के निदेशक प्रो. पीके

में

छात्रों ने मार्च निकालकर किया जागरूक



जी-20 सदस्य देशों के झंडे के साथ इंडिया गेट पर उपस्थित दिल्ली फार्मास्युटिकल्स साइंसेज एंड रिसर्च यूनिवर्सिटी के छात्र और शिक्षक 🖷 से. आयोजक

जासं, दक्षिणी दिल्ली ः सितबंर में होने वाले जी-20 शिखर सम्मेलन को लेकर तैयारियां जोर-शोर से चल रही है। दिल्ली फार्मास्युटिकल साइंसेज एंड रिसर्च यूनिवर्सिटी (डीपीएसआरय) में भी इससे

हिस्सा लिया। छात्रों ने यह मार्च इंडिया गेट तक निकाला। जी-20 समिट के नोडल अधिकारी डा , सौरभ दहिया ने इसकी अध्यक्षता की । छात्रों ने वसुचैव कटुम्बकम, एक पृथ्वी-एक परिवार-एक भविष्य का संदेश देते हुए जी-20

कोविड में भारतीय फार्मा ने दुनिया बदल दी, फूड एज मेडिसन के विचार पर हो काम

एमडीय में टेक्नेलॉजी ट्रांसफार्मिंग फार्मस्युटिकल एजुकेशन एंड रिसर्च पर वो विवसीय सम्मेलन शुरू

अस्टर जुन्न | रेडल्क

सी सिका एवं शोध के क्षेत्र में यह और प्रीकॉफिसी के उपवेग अने दोस्डॉमेसी के जावेश का देत सरम की पांग है। उसर्व इंडर्स् पुरुष्कर की दे अनी कर की कार्य के प्रदेश कर की कार्य अन्यूर्व और स्वार्थ का अन्यूर्व और स्वार्थ का देनियांत किसीमा पुरुष एक के हिन्दर को अने स्वायत के हिन्दर को अने स्वायत र के विषय को आगे बहुमर कार्यवन्त्रीका पाडिए का विषय कार्यवन्त्रीका राष्ट्रवेत पंट पुरिवर्ति के पुरुवति पंट पित्रवीटिके पुरुवति पंट पित्रवीटिक के बार्व विज्ञवीटिक किरत के ति से सार्वविद्यालय के सीर स्वकृत्य स्वकृत से राजकृत्य स्वकृत सेकल एड टेक्केसेसे र प्रजीत्त्रियन एड रियर्च निरुषक रो



मुख्यातिथे थे. आगो के पेक्स ने कार जाग ने क्लीर फेट जीज अंग इस कि स्वरणत और जीवों किरो से सम्मेलन ने सिलास्त की। से, सुरेद काले के लिस और राजे में क्लारना कुमर ने अल्हीर के औरक किस्ता आज कि जरीत साम के है तर की प्रकार की जिस्ता ने किस्ता कि मुखीकों से लिस्टों के किल्ट पूर्वे का कार ने कटते अस्त देरे का से दो की कार की कीर, पूर्व ओरका दिन जाने की का राजे की स्वर्थ की कीर, पूर्व ओरका दिन जाने की का राजे की स्वर्थ की कीर, पूर्व ओरका दिन जाने की का लाव मुस्लान के अल्हाकार से, एक अले क्यरे के लिए प्रेंग किया

दुआ ने- डिस्मोबिटेन दू धोलीकपुरस लेखा डिजीज बिषय पर म

अत्थमा को दूर करने के लिए नए पाक्ये तलारो

इस ये दिवसीय अंतर्प्रतीय सम्पेलन में कंत्रमण्ड को प्र

e ante de

-1.1.1

फार्मा जगत को आगे ले जाने के लिए करता रहूंगा कामः गोयल जागरण संबद्धाता. दक्षिणी दिल्लीः रखी गई, वहीं डब्ल्यूएयओ की

दिल्ली औषधि विज्ञान अनुसंधान संस्थान (डिपसरू) के कुलपति प्रोफेसर आर के गोयल को विश्व स्वास्थ्य संगठन (डब्ल्यूएचओ) को ओर से फार्मा जगत में महत्वपूर्ण योगदान देने के लिए लीजेंडरी मेडिको- डिपसरू के कुलपति ालए लाजडरा माडका- प्रोफेसर आर के प्रोफेशनल के पुरस्कार से गोवल • सम्मानित किया गया है।

अपनी 75वीं वर्षगांठ के अवसर पर सुरक्षित रखने और कमजोर लोगों इसकी स्थापना की गई थी। इस वर्ष विश्व स्वास्थ्य दिवस-

2023 की थीम हेल्थ फार आल



मनोवैज्ञानिक पैरामेडिकल लीडर व

गैर सरकारी संगठनों सहित प्रतिष्ठित लोगों को बता दें कि डब्ल्यूएचओ ने इस वर्ष सम्मानित किया गया। इस अवसर पर सुप्रीम कोर्ट के न्यायम्ति स्वास्थ्य जगत से जुड़े लोगों को अनिल आर दवे, राज्यसभा सदस्य सम्मानित किया गया है। दुनिया को लेफ्टिनेंट जनरल डा डोपी वत्स. डब्ल्यूएचओ में भारत के प्रतिनिधि को सेवा करने के लिए वर्ष 1948 में डा रोडेरिको एच ओफ्रिन, आइएम के राष्ट्रीय अध्यक्ष समेत तमाम दिग्गज हस्तियों न डब्ल्यूएचओ की ओर से आयोजित कार्यक्रम में हिस्सा लिया।

और

Print Media coverage of DELHI PHARMACEUTICAL SCIENCES & RESEARCH UNIVERSITY

News covered	Name of Magazine/Newspaper	Date
Har Din Har Ghar Ayurved Celebration at DPSRU	Pharma Pulse Vol 5 Issue 257/5-20 Oct 22	5-20 Oct22
Seminar on Excel & Statistics (Dr Varsha Chorsiya)	Siyasi Takdir/11 Nov 22	11-Nov-22
CCRUM organizes workshop on statistical analysis in Excel	Freedom Press	
Aushadiya Vigyan ke keshtra mein shodh karya karne per jor	Graphic Era University	
61st National Pharmacy Week 2022 celebrated at DPSRU	Pharma Pulse Vol 5 Issue 262/26 Nov-6Dec 22	26 Nov-6 Dec22
Physiotherapy Padati Apne Aap mein Sampoorn	Physiotherapy Conference Harcon 2022	
DPSRU ke Diksha Samaroh Me	Dainik Jagran dt 23.12.22	23.12.22
Har Din Har Ghar Ayurved Celebration at DPSRU		Jan- Apr 2023, Vol 24 Issue 132
DPSRU ke chaatron ne bharitya tarke sangh parose Argentina ke vyanjan	Dainik Jagran dt 08.02.23	08.02.23
DPSRU Aur Roosi Vishwavidyalaya jald sath	Dainik Jagran dt 15.3.23	15.3.23

OVER 15K IN DELHI HAVE SIGNED UP FOR STATE GOVT'S YOGA PROGRAMME

Alok KN Mishra

alok mishrat@hindustantimes.com

NEW DELHI: The Delhi government's Dilli Ki Yogshala', an initiative to provide free yoga training on demand in neighbourhoods has seen over 15,000 enrolments since its launch in December last year, with over 9,500 people availing the service in different parts of Delhi everyday.

A Delhi government official said that so far, over 15,200 people from across Delhi have registered for the yoga classes and currently, around 9,500 people are getting trained in yoga everyday. "Initially, there was a lot of buzz when the initiative was first launched on December 14, 2021. However, the Capital was hit by a Covid-19 wave driven by the Omicron variant and the city reported a large number of cases. As a result, the response to the yoga initiative was poor as people avoided outdoor activities due to the fear of contracting Covid-19," said the official.

In the second week of January this year, chief minister Arvind Kejriwal announced that the free yoga initiative would be made available online for Covid patients, who were recovering in home isolation. The idea was to assist the quick recovery of the patients under home isolation by boosting their immunity.

Amresh Jha, who is coordinating the free yoga initiative, said over 4,500 Covid patients under home isolation received free yoga sessions.

"It was a very easy process for the patients to register through the website and get online yoga classes by professionally qualified yoga instructors at the comfort of their homes," said Jha, adding

that the yoga classes, which were given in-person since the launch

of the programme, switched to online mode due to the Omicrondriven Covid wave, which raged in the Capital in January.

Online yoga sessions are still available for Covid patients under

home isolation. Harjinder Saroha, former vice chairman of Vasant Kunj Federa-

tion of RWAs, said around 60 people in Vasant Kunj societies take free yoga classes online.

- Most of them are retired senior citizens. They practise yoga between 10 and 10.30am every day." he said.

Catch 'em young: CM for yoga in Delhi govt schools

ta) stadi fatorate inter name peo-les, Kejriwal urged peo-lerup yoga to lead a dia ree 126. He alise assus trainters would be pr

that trainers wount a part of Sol for tree. "If your becomes a part of www.bills, it from them of all-di-tree's life, it from them of all-di-

given to the form said res 100 (20)

The source of th

बायोमेडिकल और नसिंग की पढ़ाई के ज्यादा मौके DPSRU में दो नए कोर्स की शुरूआत

स्त्रीरी युव, खंडेल्वे



wheth up, u dynd hydrogen with weight dynd dynd yn dynd hydrogen yn dynd hydr



Contraction of the local division of the loc

सका लाभ उठा रहे हैं। हरा सामता उन्मुख्यमंत्री मनीम मसोदिया ने कता कि दिल्ली की विवाला सर्वक्रम, दिल्ली सरका ही दिल्ली की जनता की योग के हम्प्रम से स्वाप्य रखने की अनुही हालहे। उन्होंने कहा कि वे सेहद सुझी को हित Two new courses to be rolled out at Delhi pharma university

New Dolhi: The Delhi government on Monday said that two new courses would be rolled out at Delhi Pharmaceutical Sciences and Research University (DPSRU). The BSc biomedical science and research curversity (DFSRO). The BSC biomedical science and nursing programmes will be job-oriented and will offer super specialisations in the third and fourth years in diagnostics, ri diology techniques and other such fields, officials said. Deputy chief minister Manish Skotids said, There has been a increase in the demand for healthcare manpower, specialised paties

Increase in the demand for health care man power, specialised support services and management in post Covid situations courses will provide specialisised skills to medical science s and will increase the job pro-spects for them. DPSRU will customise these courses as per the needs of the time and the needs of the time and the syllabus will be dynamic." Stating that the pandemic had exposed the real streamster ecialised patier ituations. The

Stating that the pandemac had exposed the real strengths and weaknesses of the health-care industry in the country. Sisodia added, "One of the we-tknesses is the lack of expert bealthcare professionals who can assist doctors well." Ten

0



अवर्णप्रेय येन दिवस पर केजरीवाल ने लेने के साथ मिलकर किया येवास्वास दिल्ली के पाकों में सबसे ज्यादा योग : सीएम





32.3

In any other than the section of process of the design of the process of the design of the section of the secti net regularly. Convest and Memoritate, su port of Anada Marchita, su port of Anada Marchita, and Anada Marchita, Theo Delay Marchita, and of scheduler regular services at 75 Instanton metal events are supposed on Charling Fast Anada Herinagan Pater schedule Herinagan net 78 Samta participand exit preformed ongo a part of data the material

the fight it



117 Sectoreter 546 attente

A result and order the second of d. Endows's barrhard's is an order that we shall be the second of t

400 Betamut NR. un bit um

prop. and mourr that on its the Capital per

up daily. The CM also performed sev-il yest assure along with dep Art montery Marich Sec-the "Dill Ki Tegolasis" pro-ine organized by the Delhi restored at Thyagaroj Sar

gleot analysis of progle dang gleot parks pick. You have a row on similar to take the number The harmonic base takes. The deficient of the The harmonic base takes and The harmonic base takes the deficient of the pick of the pick of the test of the pick of the pick of the pick of the test of the pick of the pick of the pick of the test of the pick of the pick of the pick of the test of the pick of the pick of the pick of the test of the pick of th

Reprint upped everyone to take part in "Drill Ri Neg-shall" -wherein one can call 913063651 to regime and the Defici preminent will provide

in Control Control Control Water Ball post or performent in realistic i brochical frances a. Fam planet the person

and's years and being

covered that they all 3 Our team researcher well. Although poga cure Covid-IR. It does induce the instauly of used regularly," Keyno Misserchie, au part, is incovering the second

कोरोना के दौरान योग से

मिली मदद : सिसोदिया

दाता

विल्ली, परिष्ठ संख्यदाता। दिल्ली सर का दावा है कि सल्कारकी ओर

रिसर्च के नतीजे 92.3% संगिधी ने करा केंग कपने से कोरोन के लक्षणी में दिखा सुधान

ज्वादार रे मान कि उन्हें संडमन के दौरान दौन से सांस धुतने जैसी समस्य का नहीं करन पड़ा सामन

की बात है कि जिस उद्देश्य के तहन दिल्ली की पोगसाला कार्यक्रम की

दिल्ली की योगताल कार्यक्रम की सुरुधवा की योगताल कार्यक्रम की लोग के हरसर प्रभवत हो ता है। उन्होंने कहा कि कार्यक्रम के लाज कोरोव के दौरन संप्रधान की कुछ अन्दर्श्व सी, जिससे न के सार उन्हें कोरोव की राष्ट्र में ने प्रथा उन्हें कोरोव की राष्ट्र में ने प्रथा ने की सार कार्य, प्रस, जिसने के सार उन्हें कोरोव की स्थानों के प्राहत किसी

मानगर, कारण व्यवस्थाः । स्तन मानगर, कारण विकारण के कैत मे सेम आसालेनेगर के कैतन संकारित लेखे के लिए जिल्ले की मे नेतवाल अर्थाकन के स्वत गुरू की खे अंतमान के स्वत गुरू की खे संकारियों की मिला इस पूर्ण की देन स्वाप्त के संकारियों की सिला हम पुरुष की देन स्वाप्त के संकारियों की दिला संकार संकार कि कि क्या प्रदान कि जावरार स्वीने प्रेलिय कि प्रार्थ । सिल सानगर सीने देकने की लिगि लिब में को सिला 1 जर्ने साम दूराने की सानगर सीने हो हम प्रार्थ के सान सान द्वारा ही हो। को सिला उन्हे साथ पुलन जेसा सलस्वा सी हो। उल्लेखरोग है कि वर्तमान में पूरी दिल्ली में दिल्ली की सोनाराजा कार्यक्रम के तहत 465 लिमिन आसोटित किए पह है और समें 16 इसर सो जादा लेन स्वालित है और इसर साल उठा रहे हैं। इस साल उत्तर रहे हैं।

LIST OF CONTRIBUTORS

Section/Chapter	Name of the Faculty/Official members
Messages for Pharmannual 2021-22 Distinguished Authorities (with Quotes and Photo)	Dr. O.P. Shukla Mr. Pankaj Kumar Ms. Jyoti
Editorial	Dr. O.P. Shukla Prof. P.K. Sahoo Prof. Ajay Sharma
 Departmental Information Infrastructure and Facilities IT Infrastructure 	Dr. Saurabh Dahiya Dr. Prabodh Chander
• DIIF	Prof. Harvinder Popli Dr. Bharti Mangla
School of Allied Health Sciences	Dr. Jaseela Majid Dr. Puneeta Ajmera
 School of Physiotherapy ASSRM Yoga & Fitness Centre 	Dr. Shilpa Jain Dr. Sheetal Kalra Dr. Gagandeep Kaur
 Internal Quality Assurance Cell (IQAC) Affiliations, Ranking and Recognitions Awards & Achievements Conferences, Seminar & Workshops 	Prof. Ajay Sharma Dr. Arya Laxmi Dr. Vijender Kumar
• WCSC	Dr. Madhu Gupta
 Revised Vision 2047 Plans. Convocation Report	Prof. Geeta Agrawal Dr. Surajpal Verma
Details of Faculty & Staff	Dr. Gaurav Jain Dr. Devesh Tewari
LibraryNews & Media Coverage	Mr. S. Sengupta Ms. Yogita Ahuja Ms. Shivani Dutt
 Publications, Patents, Books, Chapters. Research Area of Faculty with h-index and Citations 	Dr. Mukesh Nandave Dr. Priti Jain
International Affairs and Industry Networking	Dr. Sushama Talegaonkar
 PG & Ph.D. Program Admission to Placement Analysis 	Prof. Deepti Pandita Dr. Akash Midha
DPSRU Scholarship Section	Dr. Sahil Kumar Dr. Sachin Kumar
 Academic Pride/GPAT-2023/Topper Students of all courses of DPSRU Examination Analysis 	Dr. Minakshi Garg Dr. Mahaveer Dhobi Dr. Ramchander Khatri
 Student Affairs Highlights of Students Achievements Admission Analysis 	Prof. Rajiv Tonk Dr. Jitender Munjal
DIPSAR Alumni Forum (DAF) and Distinguished Alumni (with Quotes and Photo)	Prof. Sharad R. Wakode
Extracurricular Activities & Cultural Programs	Prof. Richa Rai

STUDENT DESIGN AND EDITING TEAM PHARMANNUAL 2022-2023



Marut Mishra



Hipasha koul



Sagar kapoor



Mohammad Affan



Richa jain



Tarunima



Cheshta Sareen



Mridu kaushik



Mansi Mittal



Mehak kapoor



Abdul arshad



Kunal Joshi



Ishika Roy



Nishita Kalra



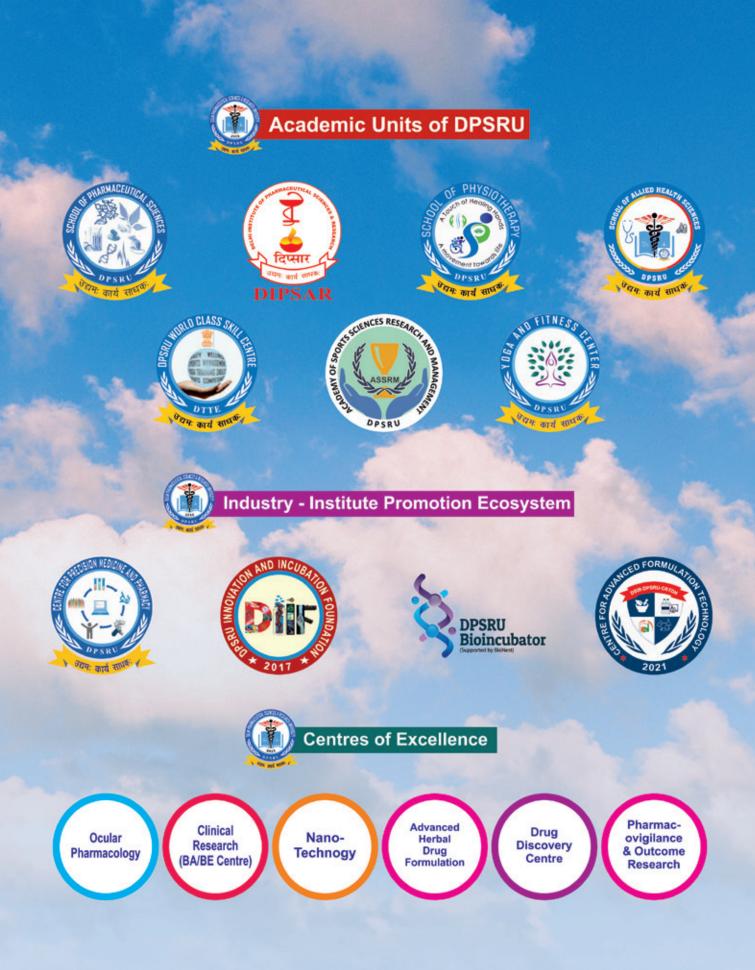
दिपसरु - कुलगीत

भेषज विज्ञान के कल्पतरू हे दिपसरू, भारत भेषज के वैभव हे विपदहरू, भेषजीय विज्ञान अभिज्ञान भेषजगुण विज्ञान दिपसरू। स्नातक परास्नातक वारिधि के गुरूकुल हे विषम हरू।। भेषज... भेषज गुण औषधीय वृक्ष, विज्ञान के संगम हे दिपसरू, हे दिपसरू महान तुम्हारी जय हो जय जय जय हो।।1।। 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।।2।।

प्रोफेसर (डॉक्टर) श्रीधर द्विवेदी





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, India